

Catalogue 285

From the Bern Dibner

Reference Library

HISTORY OF SCIENCE
& TECHNOLOGY

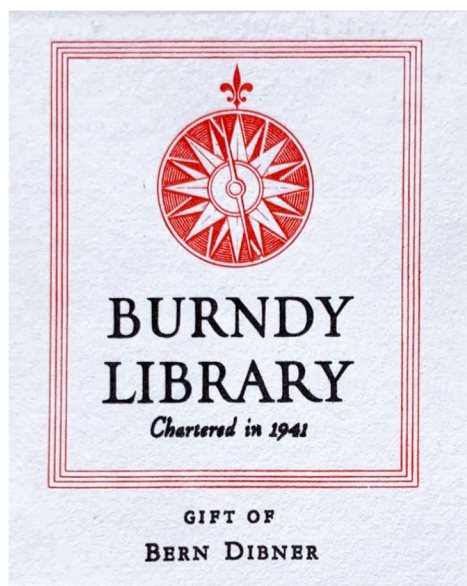
with some additions



Art – Collecting
Bridges – Medicine
Bibliography – Scientific Instruments
Biography – Ships
Cartography & Travel – Technology
Trains – Transportation

JEFF WEBER RARE BOOKS

MONTREUX SWITZERLAND



Nearly all the books in this catalogue originate from the collection of Bern Dibner and his library as it was formed and built at the Smithsonian, Massachusetts Institute of Technology and then donated to the Huntington Library. These books are all with this history behind them.

“Bern Dibner (1897–1988) was an electrical engineer, industrialist, and historian of science and technology. He originated two major US library collections in the history of science and technology.”

“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.”

“After Bern Dibner's death in 1988, the Burndy Library moved to Cambridge, Massachusetts, in 1992, where it became the research library for the Dibner Institute for the History of Science and Technology at the Massachusetts Institute of Technology. In November 2006, the complete Burndy Library collection, by then consisting of 67,000 rare volumes and a collection of scientific instruments, was donated to and became part of the Huntington Library in San Marino, California.”

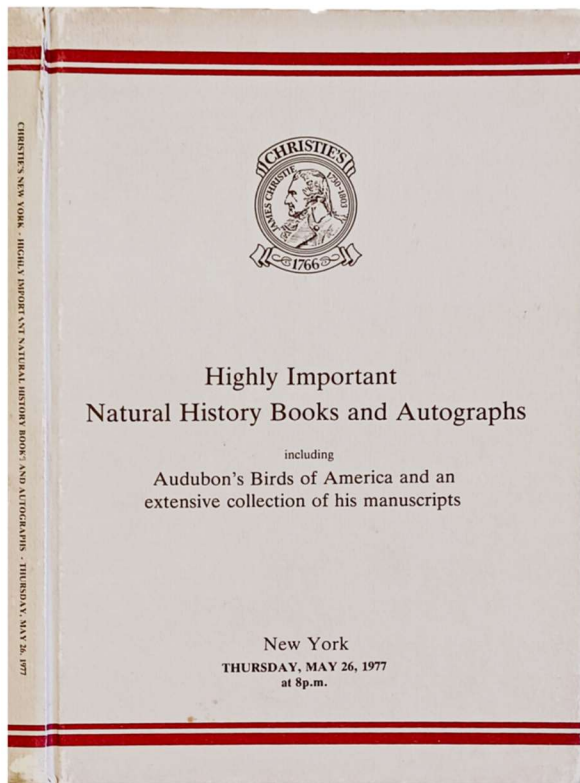
Many of these books were association copies or represented friendships between the authors and the forming of this library. All the books from the Burndy Library bear their bookplate (of which there were several varieties) and a small HEH DUP [Huntington duplicate] rubber-stamp at the rear.

Jeff Weber

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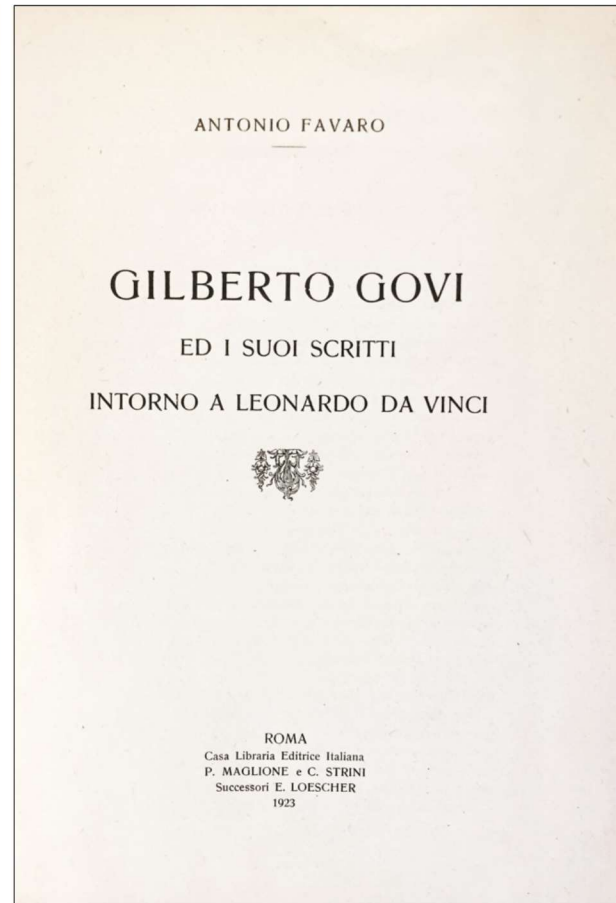
□ Art & Architecture



3047 [AUDUBON]. *Highly Important Natural History Books and Autographs, including Audubon's Birds of America, and an extensive collection of his manuscripts.* New York: Christie, Manson & Woods International, 1977. ¶ Christie's NY catalog, May 26, 1977. 8vo. 115 pp. Numerous illus., including color. Red and black on gray boards; extremities rubbed. Burndy bookplate, Mordechai Feingold's copy. Very good.

\$ 6

PROVENANCE: Mordechai Feingold, Professor of History, California Institute of Technology.



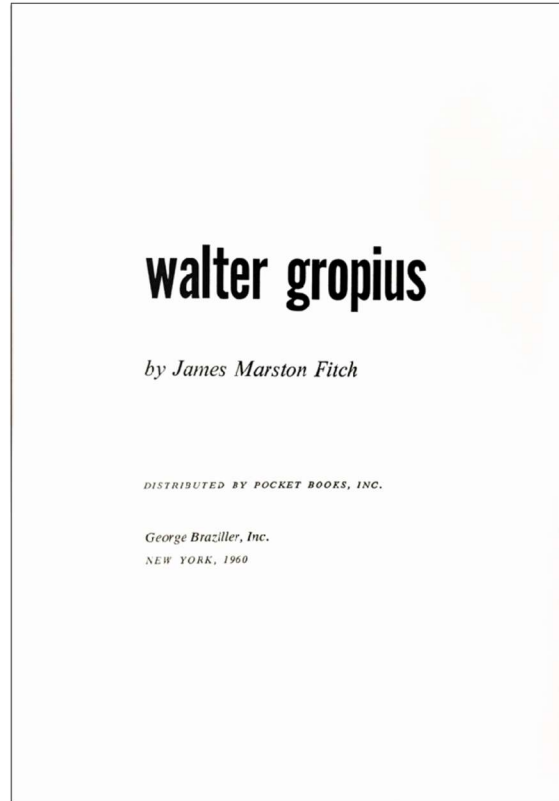
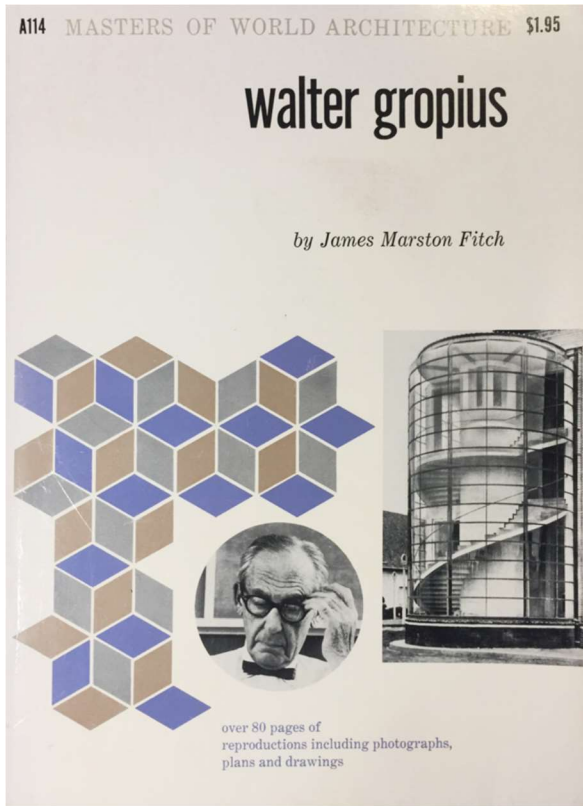
1328 **FAVARO, Antonio** (1847-1922). *Gilberto Govi ed I suoi scritti intorno a Leonardo da Vinci*. Rome: P. Maglione & C. Strini, 1923. ¶ 8vo. viii, 225, index [1] pp. Plates, illustrations, index. Pages uncut. Printed wrappers. Burndy bookplate. Very good.

\$ 30

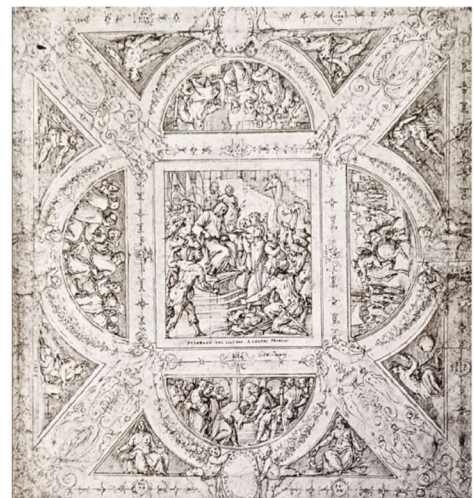
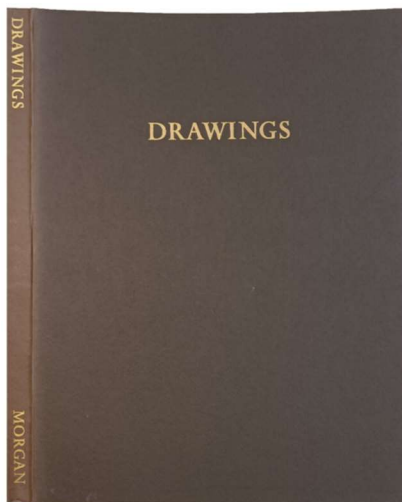
Vinciani D'Italia, Biografie e Scritti, Volume Primo.

Gilberto Govi (1826-1889) enrolled at the École polytechnique, where he studied chemistry with Edmond Frémy and Michel Eugène Chevreul, and trained in private workshops as a designer of scientific instrumentation. He became part of the scientific circles of Paris, where he got to know Guglielmo Libri, who drew him to the history of science, with special interest in Leonardo da Vinci.

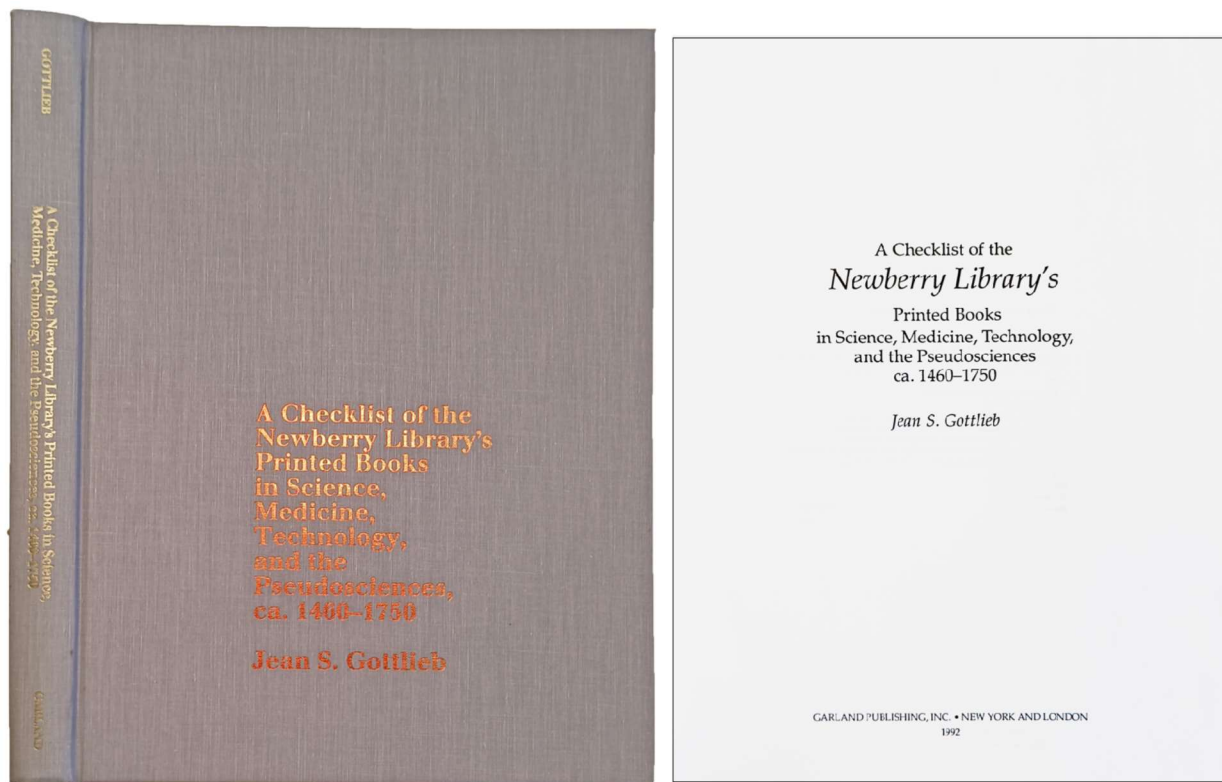
Antonio Favaro was an Italian mathematician and historian of science , best remembered as editor of the national edition of the Works of Galileo Galilei. In the period in which the great Galilean work was nearing completion, Favaro turned his interests to another great Italian genius, Leonardo da Vinci ; in 1918 he became part of the commission which was to oversee the publication of the national edition of Leonardo's works, and, together with Enrico Carusi , he oversaw the publication of *Del motion and measurement of water* (1923). [Wikip.].



1205 **FITCH, James Marston.** *Walter Gropius.* New York: George Braziller, 1960. ¶ Series: *The Masters of World Architecture Series, A114.* 8vo. 128 pp. Photos and illustrations, index. Printed wrappers. Burndy bookplate. Very good. \$ 2.95

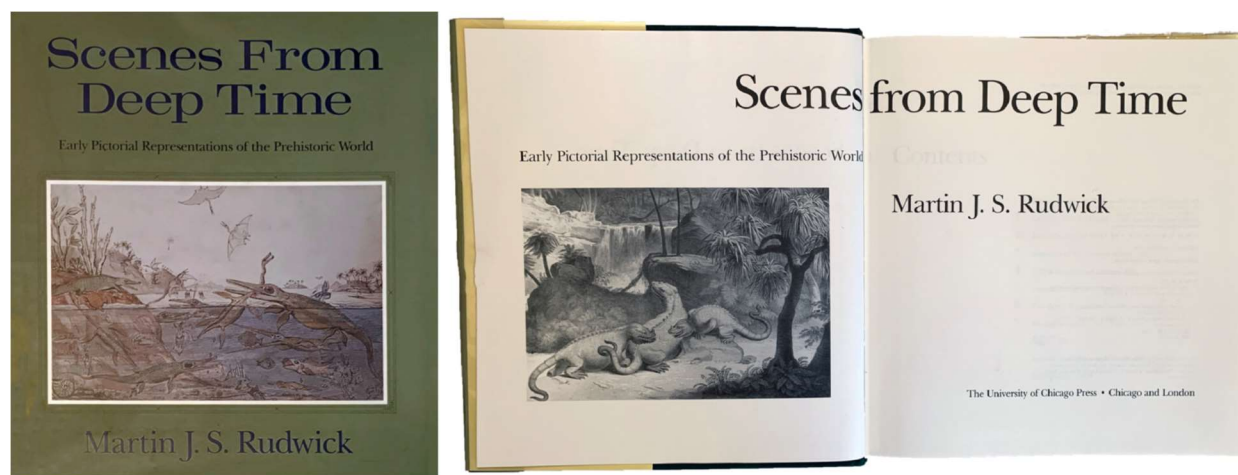


3066 [**Pierpont Morgan Library**]. *Drawings: Major Acquisitions of the Pierpont Morgan Library, 1924-1974.* New York: The Pierpont Morgan Library, 1974. ¶ 4to. xxx, 103 pp. 50 illus., index. Gilt-stamped charcoal printed wrappers, decorative endpapers. Burndy bookplate. Fine. \$ 12



3055 **Newberry Library; GOTTLIEB, Jean S.** *A Checklist of the Newberry Library's Printed Books in Science, Medicine, Technology, and the Pseudosciences, ca. 1460-1750.* New York: Garland, 1992. ¶ 4to. xxiii, 312 pp. Scarlet-metallic and gilt-stamped gray cloth. Burndy bookplate. Fine. \$ 40
\$ 40

About 2700 books in the fields of science, medicine and technology. Also included: agriculture, horticulture, diet, gymnastics, falconry, sign language, secret writing, cabala, cosmetics, and numerology.





2252 **RUDWICK, Martin J.S.** *Scenes from Deep Time: Early Pictorial Representations of the Prehistoric World*. Chicago and London: University of Chicago Press, 1992. ¶ FIRST EDITION. Square 8vo. xiii, 280 pp. Illustrations (including title), index. Green cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 25

Scarce in cloth with jacket (a later issue was bound in wrappers).

How did the earth look in prehistoric times? Scientists and artists collaborated during the half-century prior to the publication of Darwin's *Origin of Species* to produce the first images of dinosaurs and the world they inhabited. Their interpretations, informed by recent fossil discoveries, were the first efforts to represent the prehistoric world based on sources other than the Bible. Martin J. S. Rudwick presents more than a hundred rare illustrations from the eighteenth and nineteenth centuries to explore the implications of reconstructing a past no one has ever seen. — publisher.

Martin J. S. Rudwick is professor emeritus of history at the University of California, San Diego and affiliated scholar in the Department of the History and Philosophy of Science at the University of Cambridge.

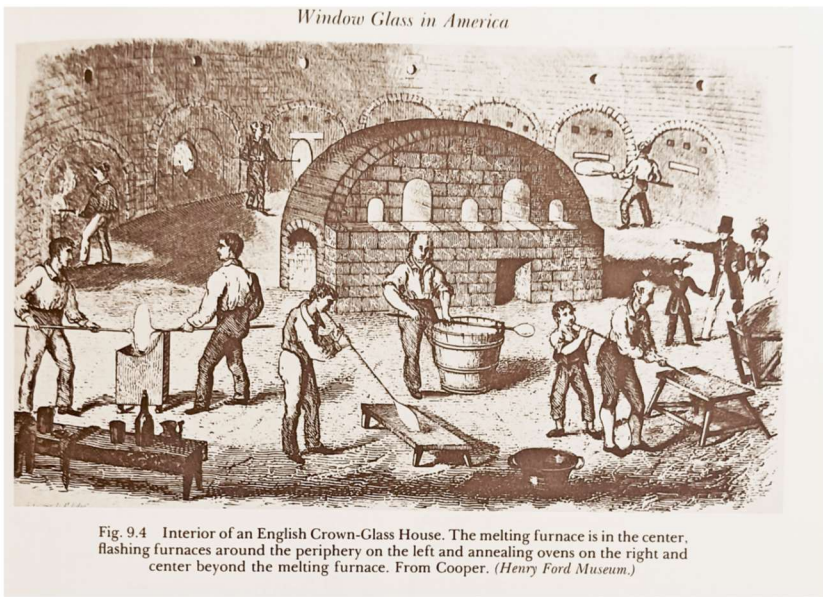
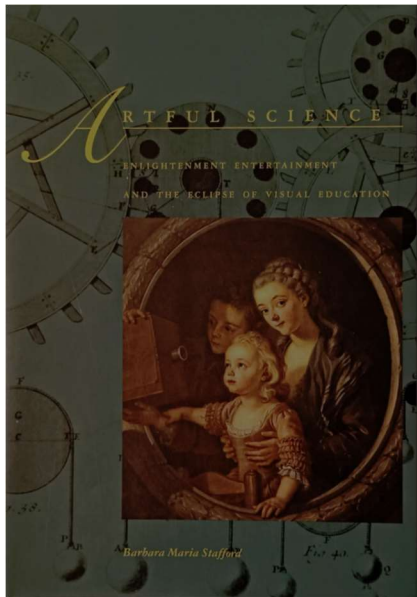


Fig. 9.4 Interior of an English Crown-Glass House. The melting furnace is in the center, flashing furnaces around the periphery on the left and annealing ovens on the right and center beyond the melting furnace. From Cooper. (Henry Ford Museum.)

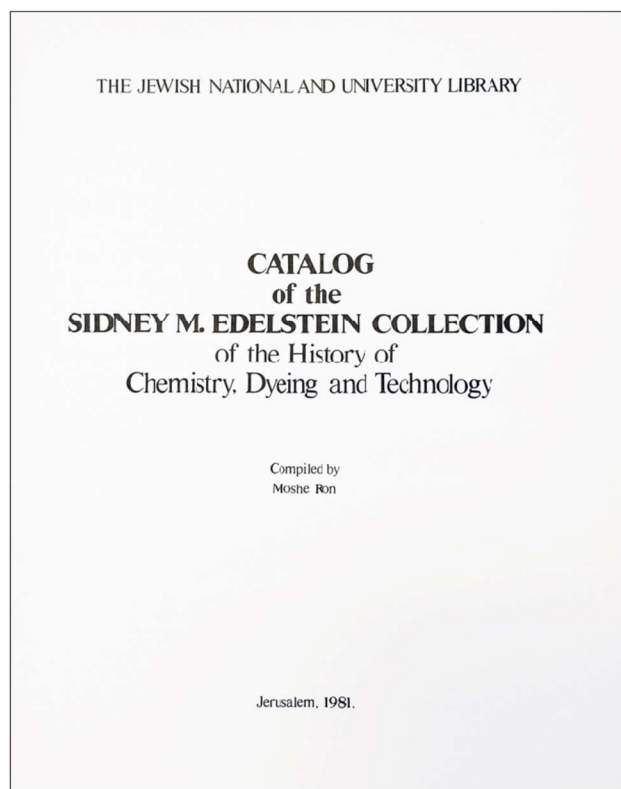
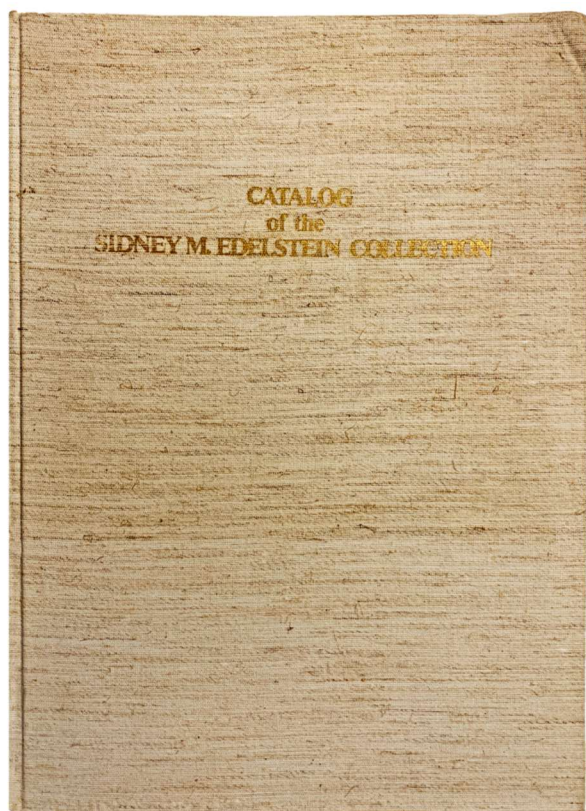
2258 **STAFFORD, Barbara Maria.** *Artful Science: Enlightenment, Entertainment, and the Eclipse of Visual Education.* Cambridge, MA and London: MIT Press, 1994. ¶ FIRST EDITION. 4to. xxx, 350 pp. Illustrations, index. Black cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Near fine.

\$ 10

“*Artful Science* is devoted to the range of performed and engraved ‘rational recreations’ which both entertained and educated Enlightenment citizens.”

Barbara Stafford is the William B. Ogden Distinguished Service Professor of Art History at the University of Chicago. She is the author of *Good Looking*, *Artful Science*, *Body Criticism*, and *Voyage into Substance* (all published by MIT Press).

□ Bibliography & Collecting



2420 [Edelstein] **RON, Moshe** (comp.). *Catalog of the Sidney M. Edelstein Collection of the History of Chemistry, Dyeing, and Technology*. Jerusalem: Jewish National and University Library Press, 1981. ¶ 4to. 182 pp. Frontis., illustrations, indexes. Beige cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine.

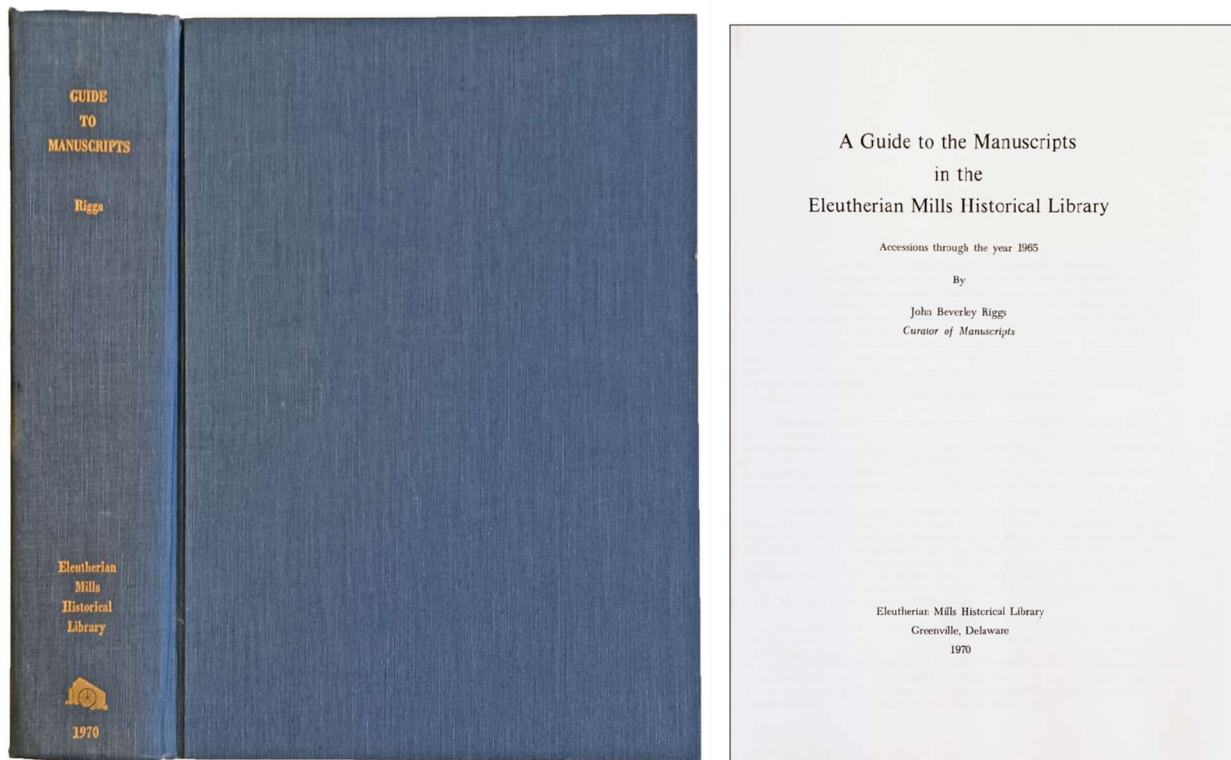
\$ 120

This is the bibliographic catalog of the Sidney M. Edelstein Collection, listing over 4,000 books and notable in particular for titles in dyeing and chemical technology.

The Edelstein Center and Edelstein Library at The Hebrew University together constitute the ongoing legacy of Dr. Sidney M. Edelstein (1912-1994). Dr. Edelstein was founder, in 1945, of Dexter Chemical Corporation, New York. His great dedication to the preservation and recording of the history and philosophy of science, technology, and medicine led him to play key roles in the promotion of excellence in academic historical study. This is continued, in addition to the activities of the Edelstein Center, through the annual Edelstein Prize, administered by the Society for the History of Technology, and the Edelstein Award of the History of Chemistry Division of the American Chemical Society, etc.

As an active historian for almost half a century, Dr. Edelstein produced many of the earliest modern reviews of dyestuff technologies and related sciences, some based on original analysis of ancient

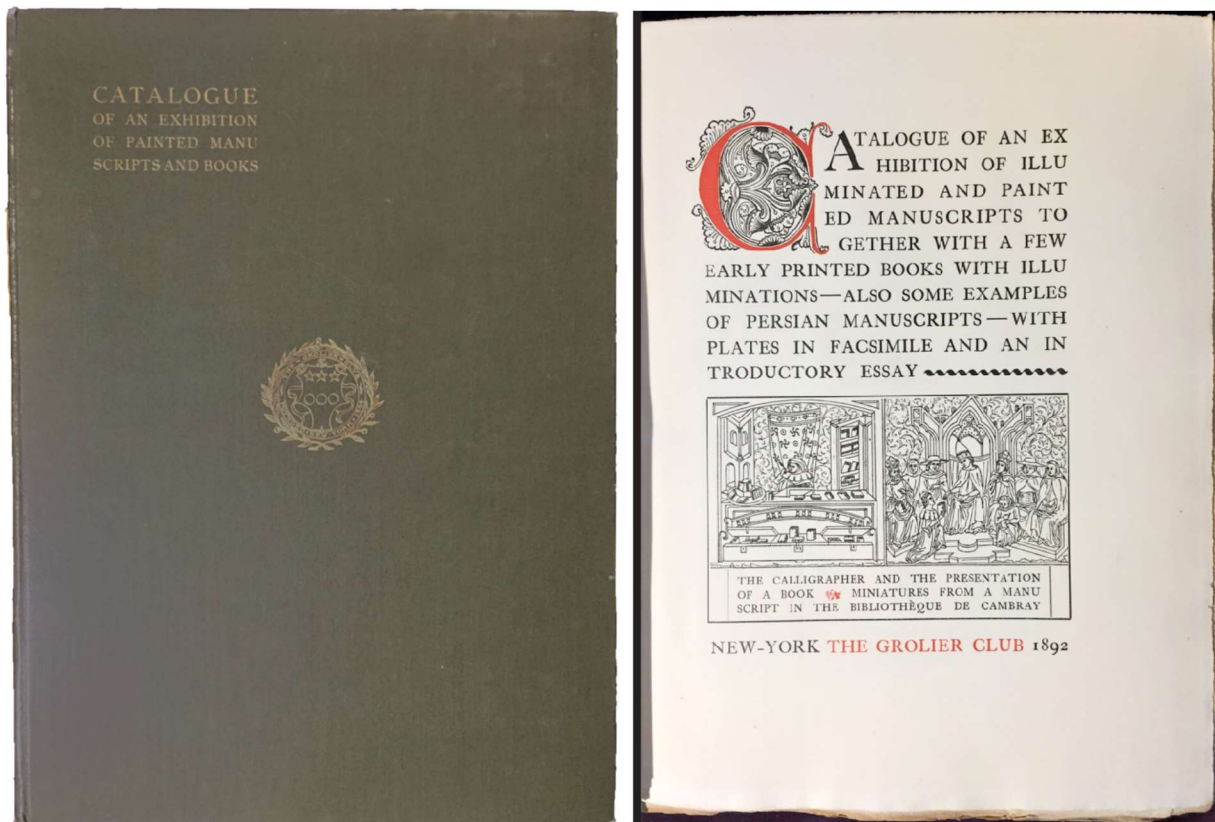
colorants, such as the mollusks that afforded the Biblical blue and Roman purple. Such is their authority that these publications continue to be cited by modern historians. Such is the richness of Dr. Edelstein's collections that they continue to be principal sources for serious academic study in particular fields of history of science. The Edelstein Center and Library remain preeminent in their fields, and together comprise an important and widely recognized resource, unique in the Middle East, that attracts scholars from all over the world.



3068 **Eleutherian Mills Historical Library; RIGGS, John Beverly.** *A Guide to the Manuscripts in the Eleutherian Mills Historical Library; accession through the year 1965.* Greenville: Eleutherian Mills Historical Library, 1970. ¶ Large 8vo. xxii, 1205 pp. Gilt-stamped blue cloth; slightly rubbed. Burndy bookplate. Very good.

\$ 15

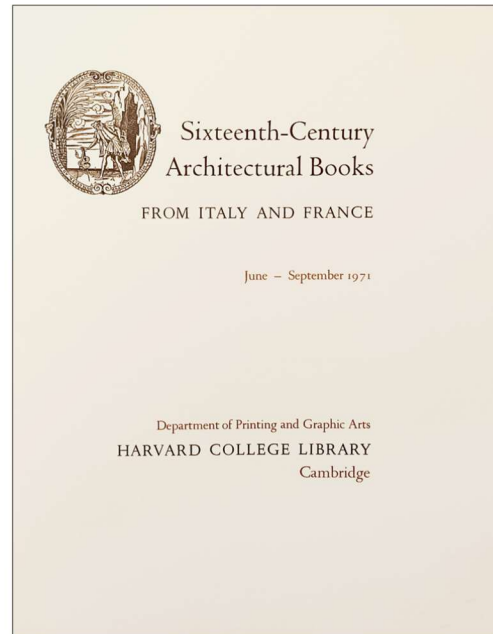
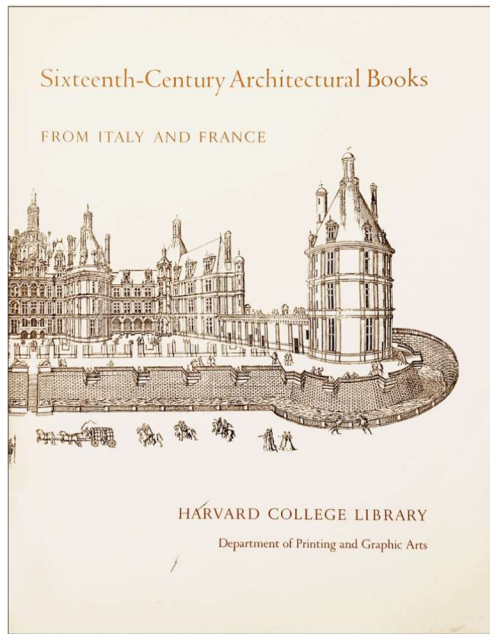
Manuscript holdings focused on "Middle Atlantic states to American economic, business, industrial, and technological history."



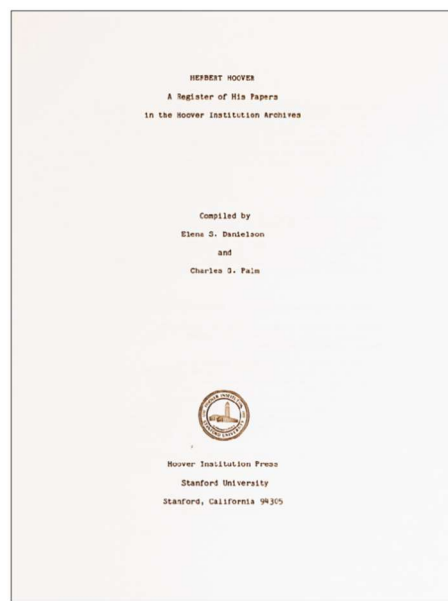
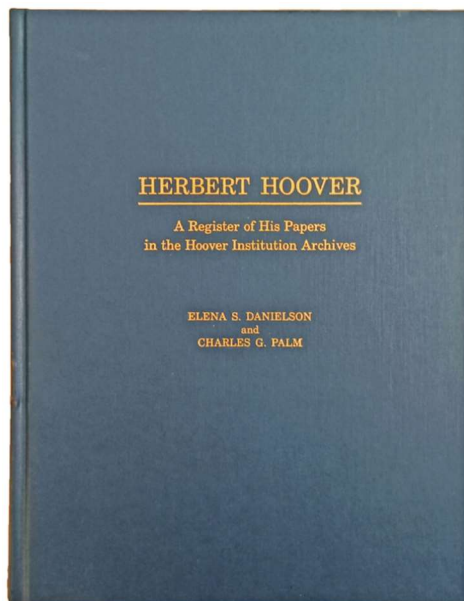
1215 **Grolier Club.** *Catalogue of an Exhibition of Illuminated and Painted Manuscripts Together with a Few Early Printed Books with Illuminations - also Some examples of Persian Manuscripts - with Plates in Facsimile and an Introductory Essay.* New York: Grolier Club, 1892. ¶ 8vo. xxxiii, 64 pp. Frontis., two color title (printed in red and black) with illus., plates. Green cloth, gilt-stamped cover title, manuscript paper spine label. Burndy bookplate. Pages uncut. Very good.

\$ 65

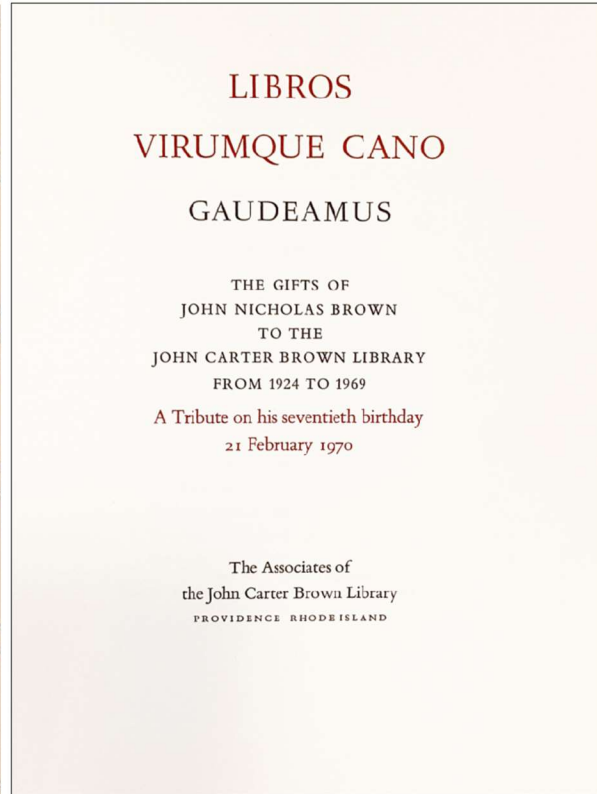
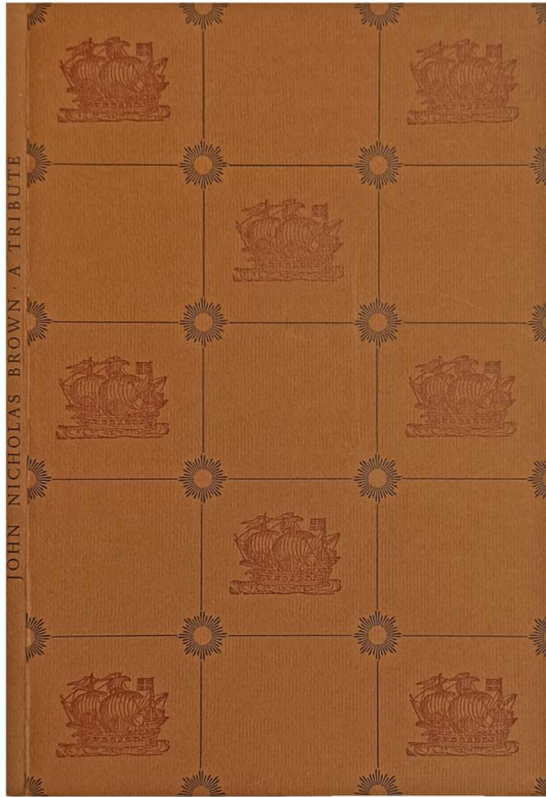
Limited Edition of 350 copies. Beautifully printed catalogue with fine plates.



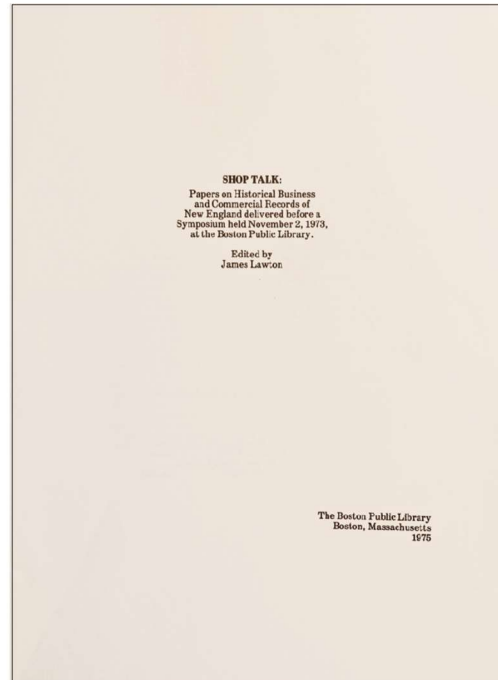
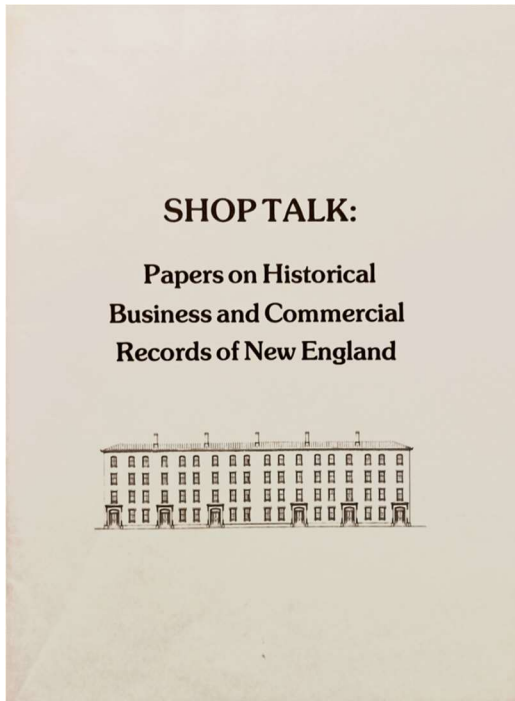
1809 **Harvard College Library**. *Sixteenth-Century Architectural Books from Italy and France, June-September 1971*. Cambridge: Harvard College Library, 1971. ¶ 4to. [25] ff. Illustrations. Printed wrappers. Burndy bookplate. Very good. \$ 5



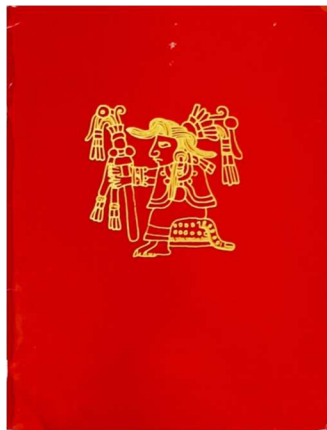
2296 **HOOVER, Herbert** (1874-1964). *Herbert Hoover: A Register of His Papers in the Hoover Institution Archives*. Compiled by Elena S. Danielson and Charles G. Palm. Stanford, CA: Hoover Institution Press, Stanford University, 1983. ¶ Series: Hoover Press Bibliographical Series 63. Tall 8vo. xix, 216 pp. Sea green cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine. \$ 12



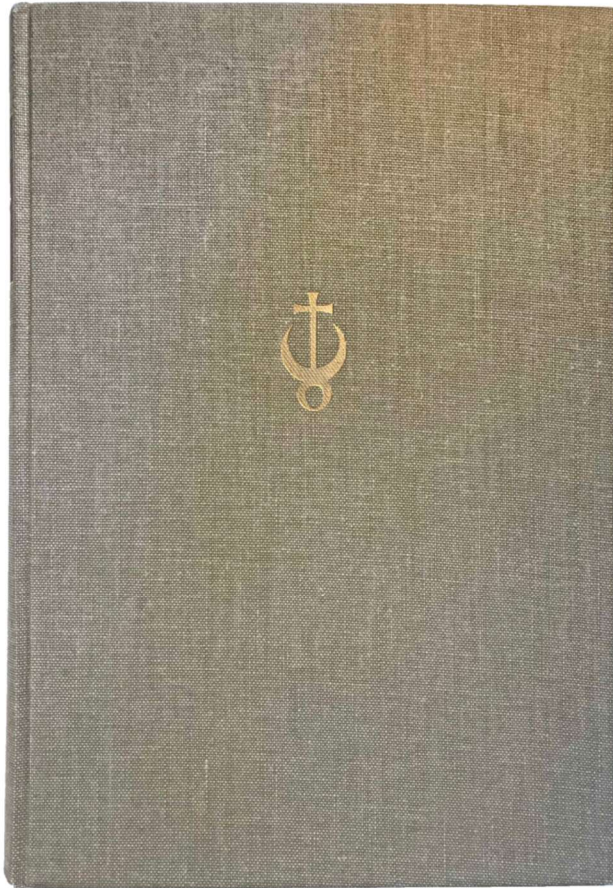
2385 **John Carter Brown Library.** *Libros Virumque Cano, Gaudeamus: The Gifts of John Nicholas Brown to the John Carter Brown Library, from 1924 to 1969. A Tribute on His Seventieth Birthday, 21 February 1970.* Providence: Associates of the John Carter Brown Library, 1970. ¶ 8vo. 80 pp. Port. of Mr. Brown, index. Printed wrappers. Burndy bookplate. Fine. \$ 10



- 2230 **LAWTON, James** (ed.). *Shop Talk: Papers on Historical Business and Commercial Records of New England Delivered before a Symposium Held November 2, 1973, at the Boston Public Library*. Boston: Boston Public Library, 1975. ¶ 8vo. [i], 51, (52) pp. Frontis. port. of Lydia Estes Pinkham, illustrations. Printed wrappers and mounted into a protective library folder with cloth spine. Burndy bookplate. Near fine. \$ 4.95



- 2373 **Lilly Library; GIBSON, Rebecca Campbell; Roger E. BECKMAN**. *Indians of Latin America: An Exhibition of Materials in the Lilly Library*. Bloomington: Lilly Library, Indiana University, [n.d.] ¶ Series: Lilly Library Publication XXV. Tall 8vo. 55 pp. Frontis., illustrations, index. Printed wrappers; wraps a bit creased. Burndy bookplate. Very good. \$ 6.95



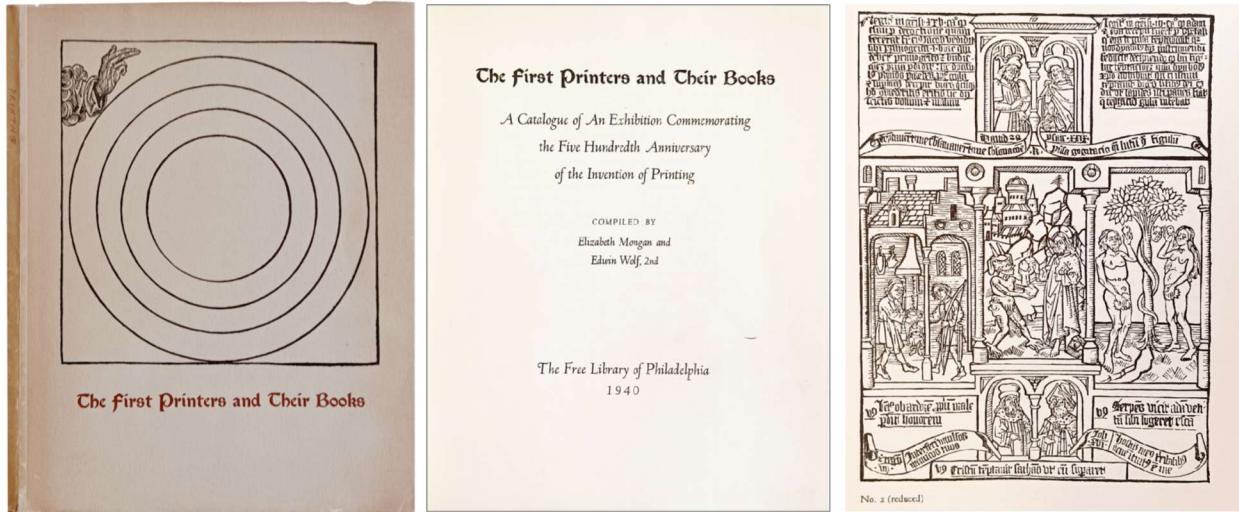
1116 **MARDERSTEIG, Giovanni.** *Die Officina Bodoni: Das Werk einer Handpresse, 1923-1977. Herausgegeben und mit einer einleitung von Hans Schmoller.* Hamburg: Maximilian-Gesellschaft, 1979. ¶ 4to. lxi, 289 pp. Large color reproductions. Beige cloth, gilt-stamped cover decoration and maroon spine label. Burndy bookplate. Fine.

\$ 60

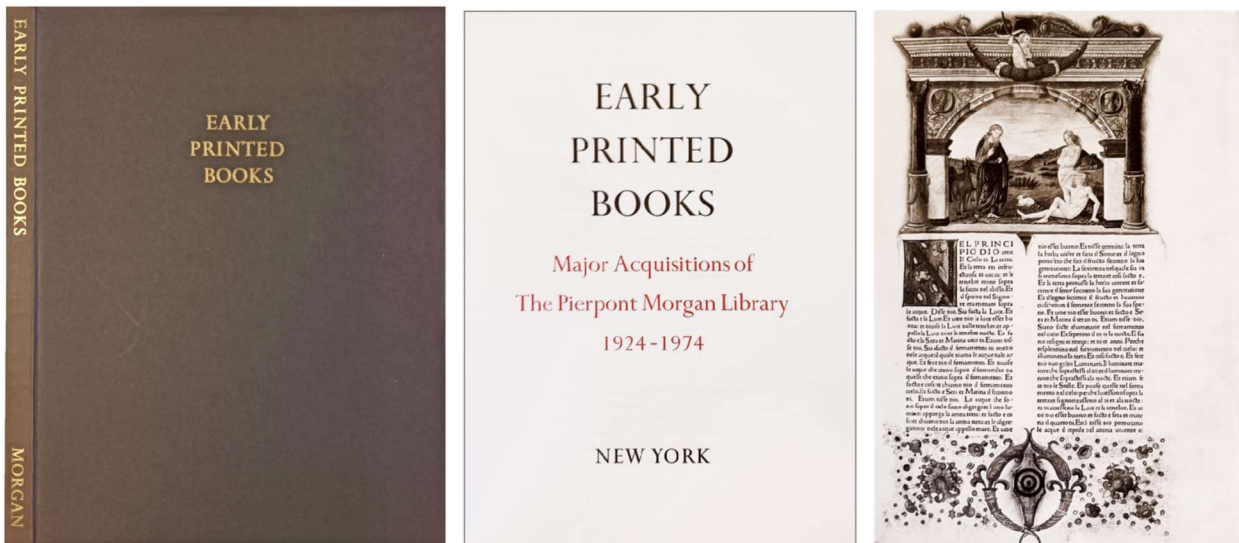
German language edition. This is the finely produced bibliography of the *Officina Bodoni* press.

The Officina Bodoni was a private press operated by Giovanni Mardersteig from 1922.

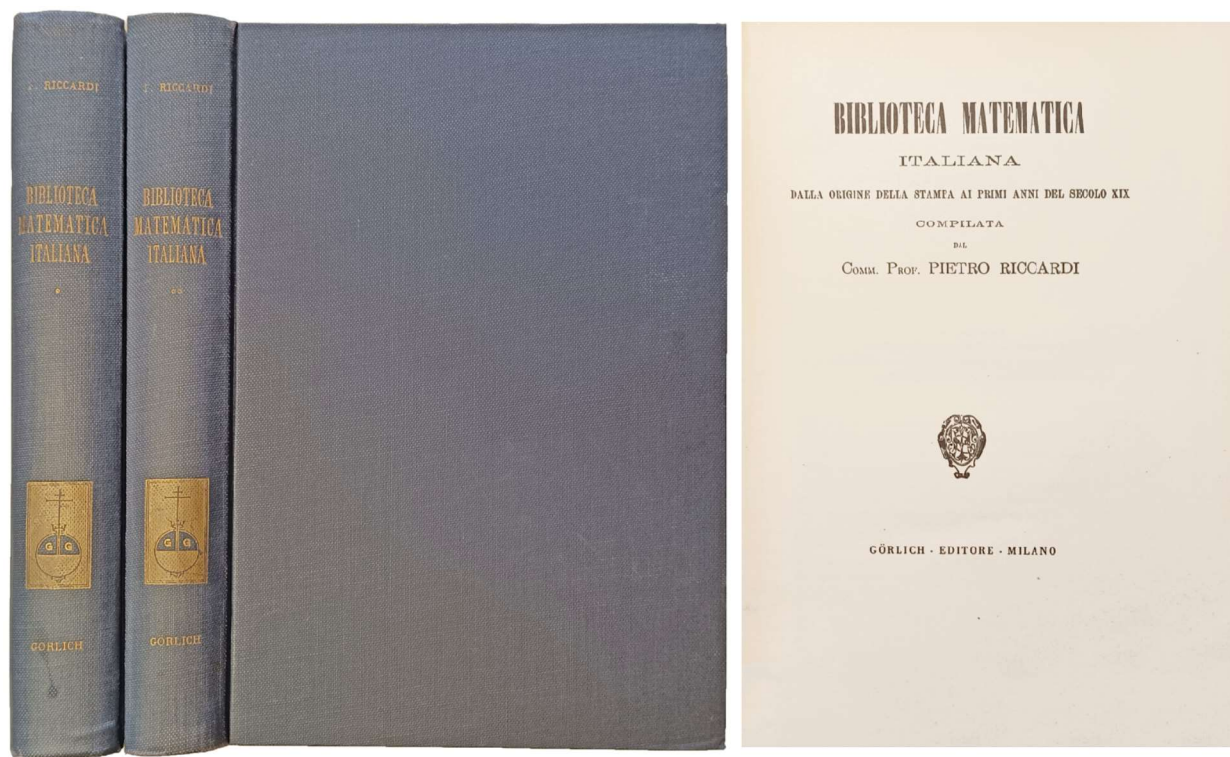
Hans Peter Schmoller (1916-1985) was a German and British graphic designer who worked as Head of Typography and Design at Penguin Books from 1949 to 1976.



2831 **MONGAN, Elizabeth; Edwin WOLF 2nd, Free Library of Philadelphia.** *The first Printers and Their Books; A Catalogue of an Exhibition Commemorating the Five Hundredth Anniversary of the Invention of Printing.* Philadelphia: The Free Library of Philadelphia, 1940. ¶ 26 cm. 94 pp. Illus. Printed wrappers; back corners torn. Very good. \$ 6.95



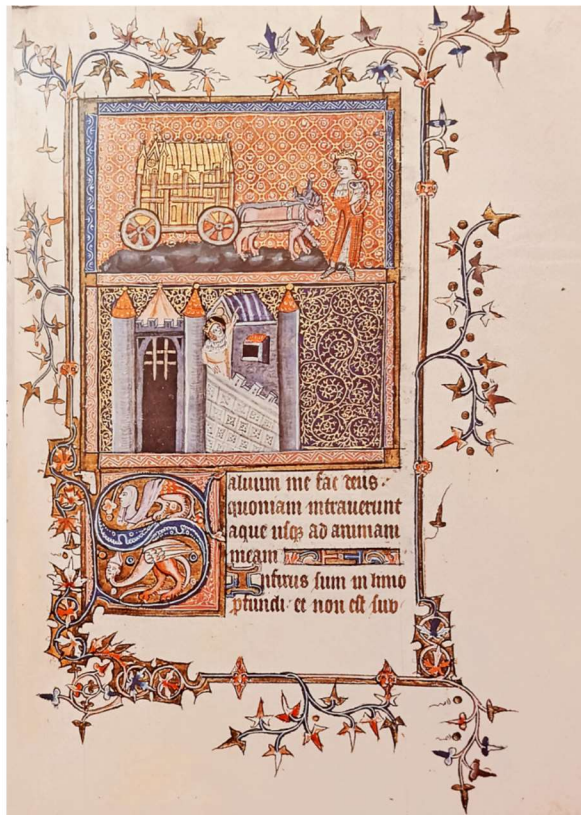
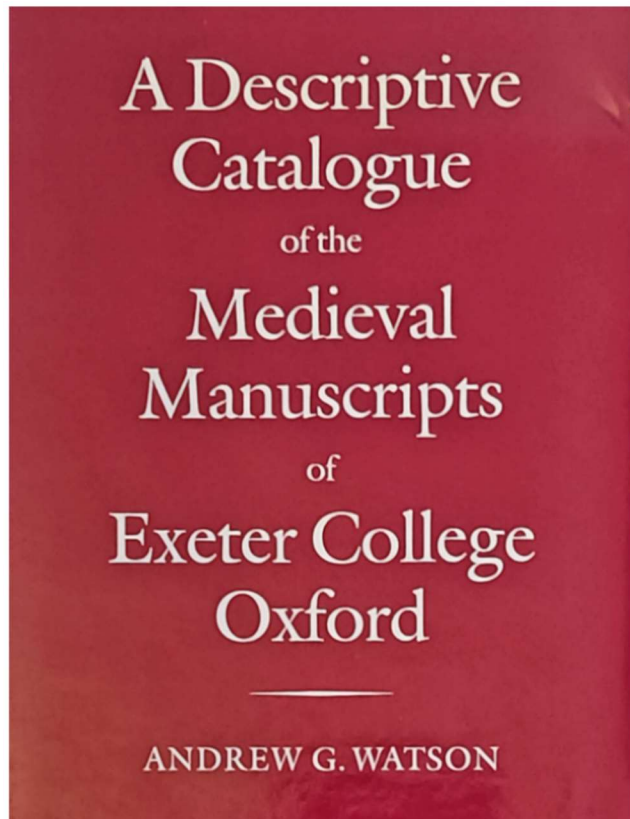
3067 [**Pierpont Morgan Library**]. *Early Printed Books: Major Acquisitions of the Pierpont Morgan Library, 1924-1974.* New York: The Pierpont Morgan Library, 1974. ¶ 4to. xvi pp., 50 ff. 50 illus., errata slip. Gilt-stamped charcoal printed wrappers, decorative endpapers. Burndy bookplate. Near fine. \$ 10



1712 **RICCARDI, Pietro** (1828-1898). *Biblioteca matematica Italiana dalla origine della stampa ai primi anni del secolo XIX*. Milano: Gorlich, 1952. ¶ Two volumes. Reprint. Large 8vo. 676; various pagination. Blue cloth, gilt-stamped spine titles. Burndy bookplates. Fine.

\$ 125

Alongside his didactic and practical activity, Riccardi carried out an intense work of scientific research in various fields (mathematics, geodesy, engineering, agriculture, cartography), but above all in the history and bibliography of science and, above all, of mathematics. The most important publication, immediately appreciated internationally (among others by Maximilian Curtze, Jules Hoüel, Michel Chasles, Albert Benoît Marie Lancaster), was the “*Biblioteca matematica italiana dalle origini della stampa sino ai primi anni del secolo XIX*” [Italian mathematical library from the origins of printing to the early years of the 19th century], on which he worked for over twenty-five years. In Part I (I, 1, Modena 1870, I, 2, 1873-1876) the works of Italian mathematicians from 1472 to Giuseppe Luigi Lagrange are recorded, listed in alphabetical order or according to the title, whether anonymous or polygraphic. Each entry is accompanied by biobibliographical information about the author and the different editions. An asterisk marks the works owned by Riccardi in his very rich library (over 20,000 volumes and pamphlets). Part II (Modena 1878) reports a classification by subject of the works of Part I. Considering also those of the seven appendices of additions and corrections (I-II, Modena 1878-1880-1893; posthumous, 1928, edited by E. Bortolotti), they amount to 8063 and even today the indication 'unknown to Riccardi' is a sign of rarity (reissues: Milan 1952; Sala Bolognese 1985, with Introductory note by PL Pizzamiglio). – Franca Cattelani Degani, *Biographical Dictionary of Italians*.

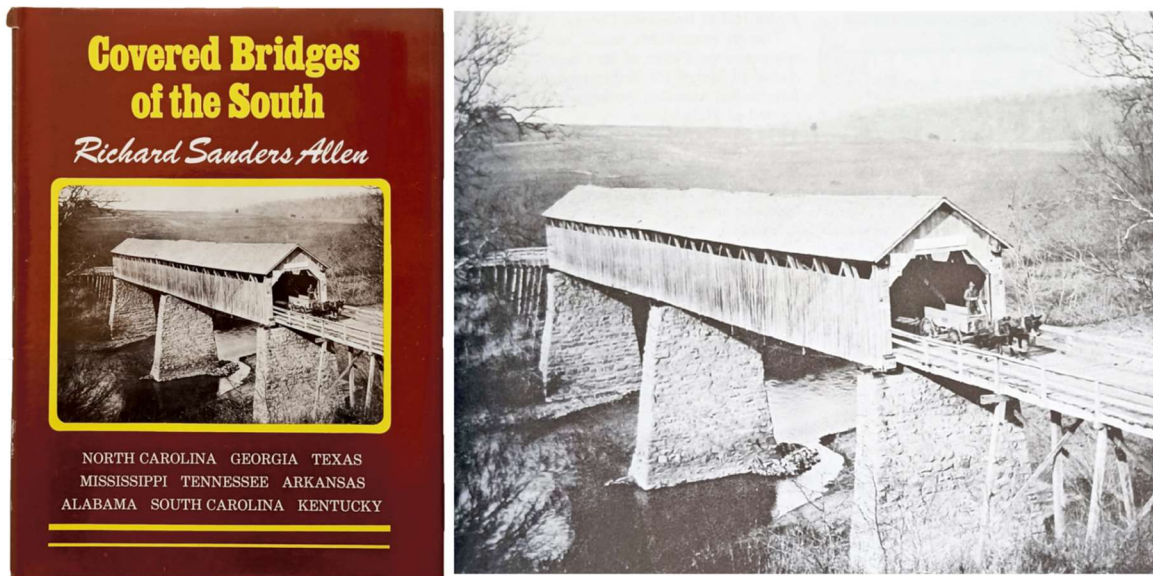


2334 **WATSON, Andrew G.** *A Descriptive Catalogue of the Medieval Manuscripts of Exeter College, Oxford.* Oxford: Oxford University Press, 2000. ¶ **FIRST EDITION.** 4to. xxviii, 150 pp. Color frontis., 4 color plates, 4 black-and-white plates, indexes. Navy cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine.

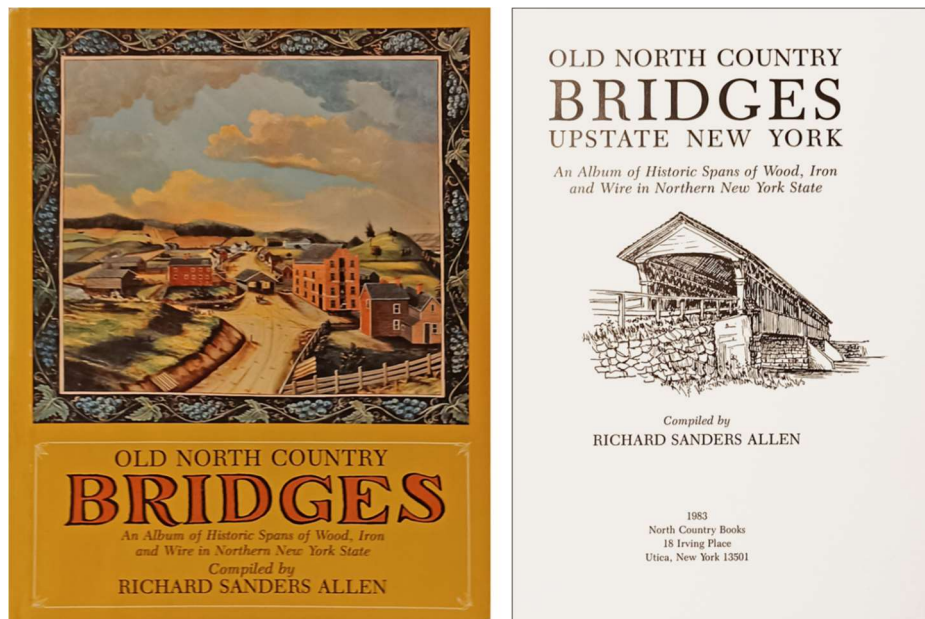
\$ 50

Exeter College, Oxford, founded in 1314, still holds over seventy of the manuscripts it acquired during the medieval period, plus a few that were given in later years. In the first category is a splendid series of eighteen illuminated volumes of biblical commentaries which are a monument of the fifteenth-century Oxford book trade, and among the later acquisitions are several famous books: a copy of Suetonius' *Vitae Caesarum* owned and annotated by Petrarch, and two magnificently illuminated fourteenth-century psalters. This is the first catalogue of the Exeter manuscripts to be published since that of H. O. Coxe in 1852 which, although good for its time, no longer meets the needs of modern scholars. It is preceded by an Introduction on the history of the library based partly on evidence in the manuscripts and partly on information in the extensive series of Rectors' Accounts. Manuscript fragments now in the Library are also described, as are the few former Exeter manuscripts which have strayed to other libraries. Today, Exeter College is seeking to digitize and make accessible its special collections, starting with the College collection of medieval manuscripts.

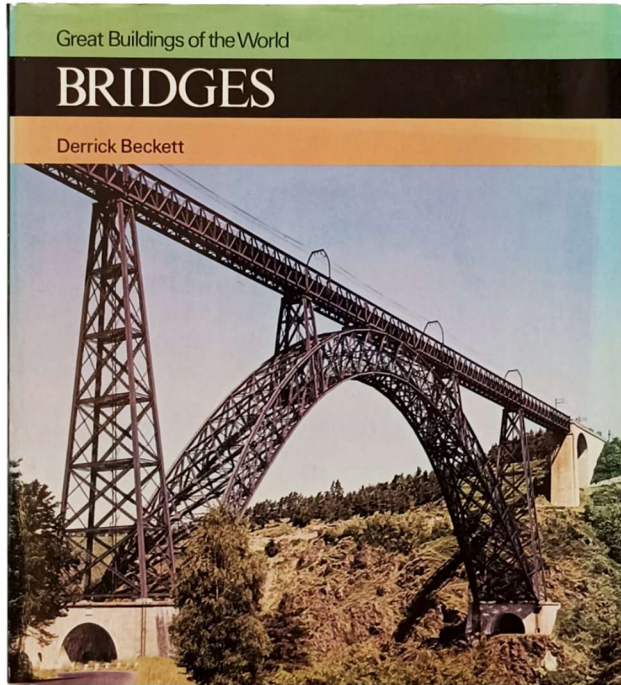
□ Bridges



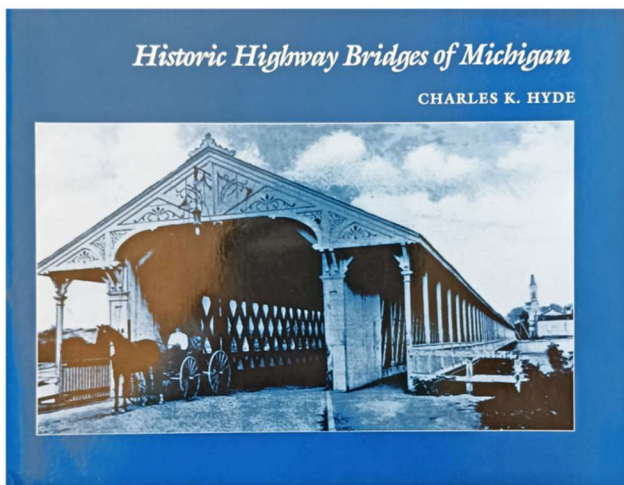
- 2798 **ALLEN, Richard Sanders.** *Covered Bridges of the South.* New York: Bonanza Books, 1970. ¶
Sm. 4to. 56 pp. Illus., index. Brown-stamped tan board, dust jacket; jacket slightly torn at spine head. Burndy bookplate. Very good. \$ 4.50



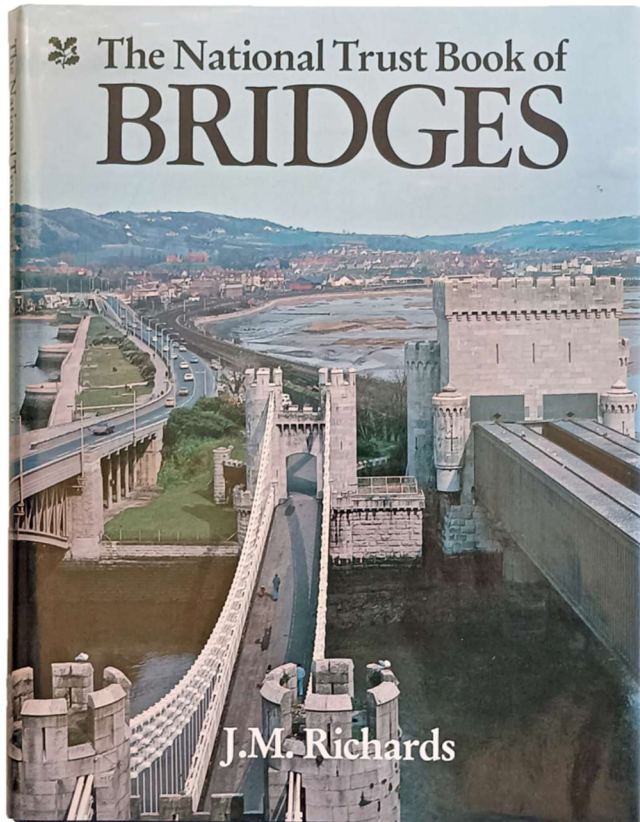
- 2122 **ALLEN, Richard Sanders** (comp.). *Old North Country Bridges, Upstate New York: An Album of Historic Spans of Wood, Iron, and Wire in Northern New York State.* Utica, N.Y.: North Country Books, 1983. ¶ 4to. 110 pp. Photos and illustrations (including title), index. Reddish-brown cloth, gilt-stamped spine title, dust-jacket; jacket spine sunned with a little wear. Burndy bookplate. Very good. \$ 15



2804 **BECKETT, Derrick.** *Great Buildings of the World: Bridges.* London: Paul Hamlyn, 1969. ¶ 8vo. 191 pp. Frontis., illus., index. Gilt-stamped black buckram, dust jacket. Burndy bookplate. Fine. \$ 6.95

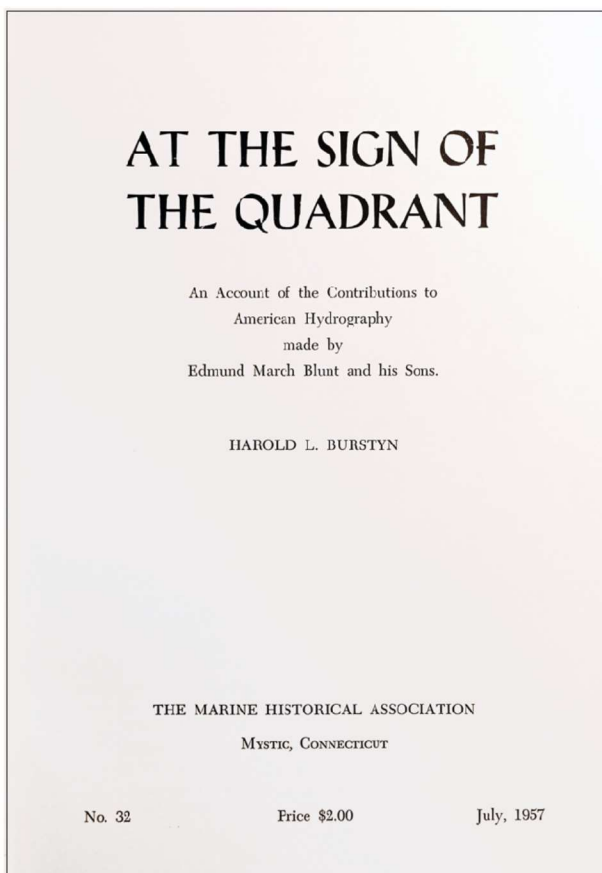
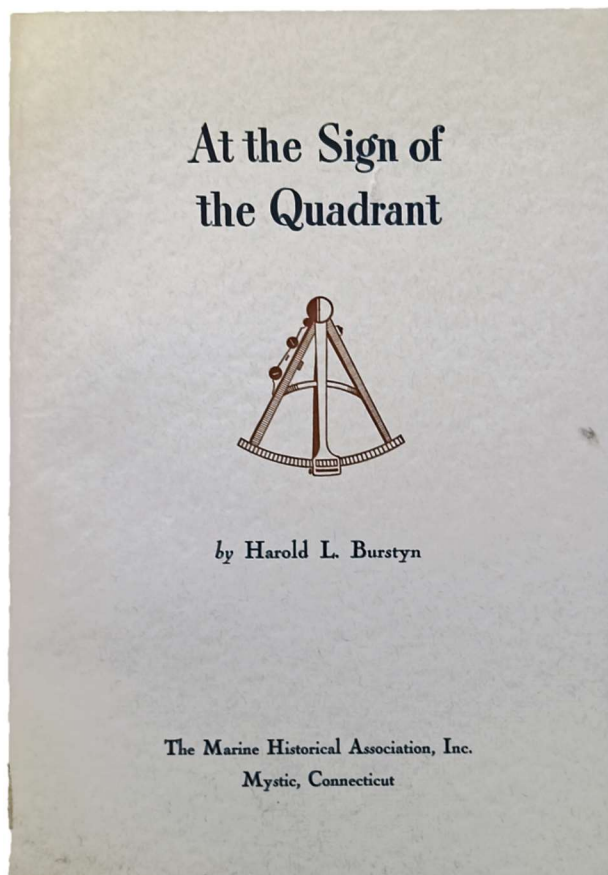


2824 **HYDE, Charles K.** *Historic Highway Bridges of Michigan.* Detroit: Wayne State University Press, 1993. ¶ Oblong 8vo. 191 pp. Frontis., illus., index. Blue printed wrappers. Fine. \$ 6.95



2766 **RICHARDS, J. M.** *The National Trust Book of Bridges*. London: Jonathan Cape, 1984. ¶ 8vo. x, 214 pp. Frontis., illus., index. Gilt-stamped blue cloth; dust jacket. Fine. \$ 9

□ Cartography, Navigation & Travel



2273 **BURSTYN, Harold L.** *At the Sign of the Quadrant: An Account of the Contributions to American Hydrography made by Edmund March Blunt and his Sons.* Mystic, CT: Marine Historical Association, 1957. ¶ Series: Marine Historical Association, No. 32. 8vo. 119 pp. Frontis. port. of Edmund March Blunt, illustrations. Printed wrappers; spine lightly worn, else near fine. Burndy bookplate. \$ 10

2355 [**Columbus, Christopher**] **CHARCOT, Jean Baptiste Auguste Etienne** (1867-1936). *Christophe Colomb Vu par un Marin. Preface de Paul Chack.* Paris: Ernest Flammarion, 1928. ¶ 8vo. 320 pp. Frontis., illustrations. Printed wrappers, glassine jacket; extremities worn. Burndy bookplate. Very good. \$ 38

Jean-Baptiste-Étienne-Auguste Charcot, born in Neuilly-sur-Seine, was a French scientist, medical doctor and polar scientist, explorer. His father was the neurologist Jean-Martin Charcot (1825–1893).

J. B. CHARCOT

CHRISTOPHE COLOMB

VU PAR UN MARIN



D'après une aquarelle de Marin-Marie

J. B. CHARCOT

CHRISTOPHE COLOMB

VU PAR UN MARIN

Préface de Paul CHACK



ERNEST FLAMMARION, ÉDITEUR
26, RUE BACINE, PARIS



The Sea Chart

An Historical Survey
based on the Collections
in the
National Maritime Museum

*Derek Howse
and
Michael Sanderson*

With an Introduction by
Rear-Admiral G S Ritchie CBE CMC
President of the
Directing Committee of the
International Hydrographic Bureau
Monaco
Sometime Hydrographer of the Navy



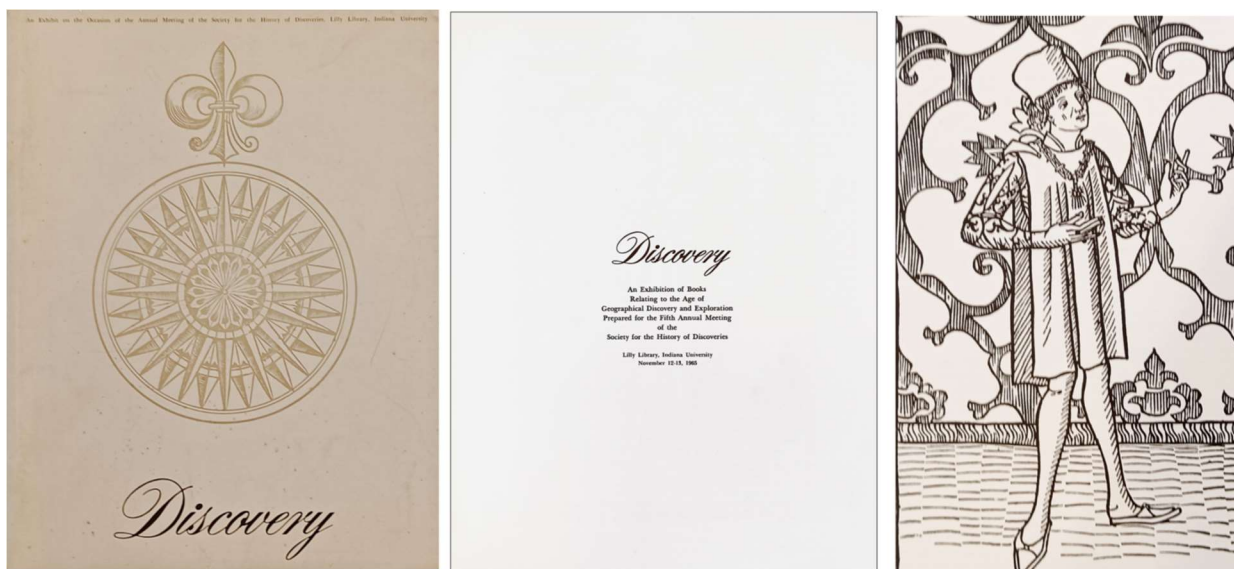
David & Charles : Newton Abbot

3029 **HOWSE, Derek** (1919-1998); **Michael SANDERSON**. *The Sea Chart, a historical survey based on the collections in the National Maritime Museum*. Newton Abbot: David & Charles, 1973. ¶ 4to. 144 pp. Illus., index. Silver-stamped red cloth, dust-jacket. Burndy bookplate. Very good +.

\$ 12

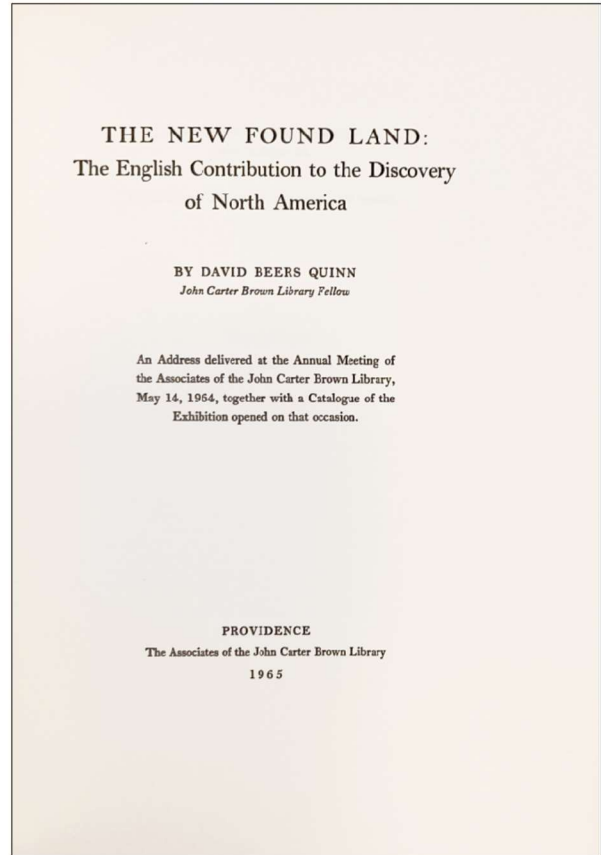
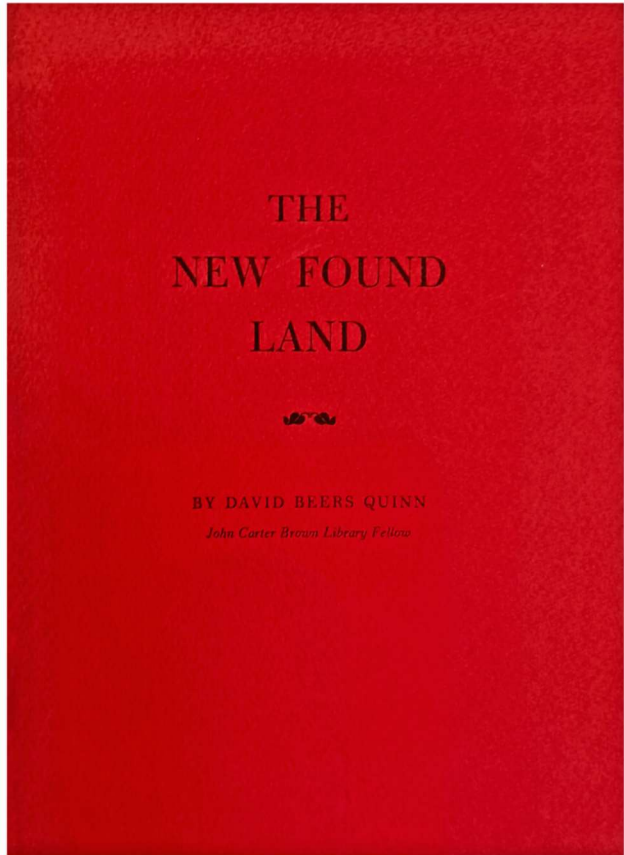
The authors give 60 different map specimens.

Derek Howse was Assistant Keeper at the National Maritime Museum in Greenwich, and in 1976 became Head of the Navigation and Astronomy, Keeper in 1979, where he stayed until his retirement in 1982. David W. Waters said of him, that he became "the leading authority on the history of the buildings, instruments and astronomical timekeepers of the Royal Observatory at Greenwich." – *BJHS*, 2000, 33, 223–225



2837 **Lilly Library, Indiana University; REED, Richard B.** *Discovery; An Exhibition of Books Relating to the Age of Geographical Discovery and Exploration Prepared for the Fifth Annual Meeting of the Society for the History of Discoveries*. Indiana: Lilly Library, 1965. ¶ 28 cm. [40] pp. Frontis. on title verso; small red pencil margin mark p. [19]. Self-printed wrappers, decorative tissue endpapers. Very good.

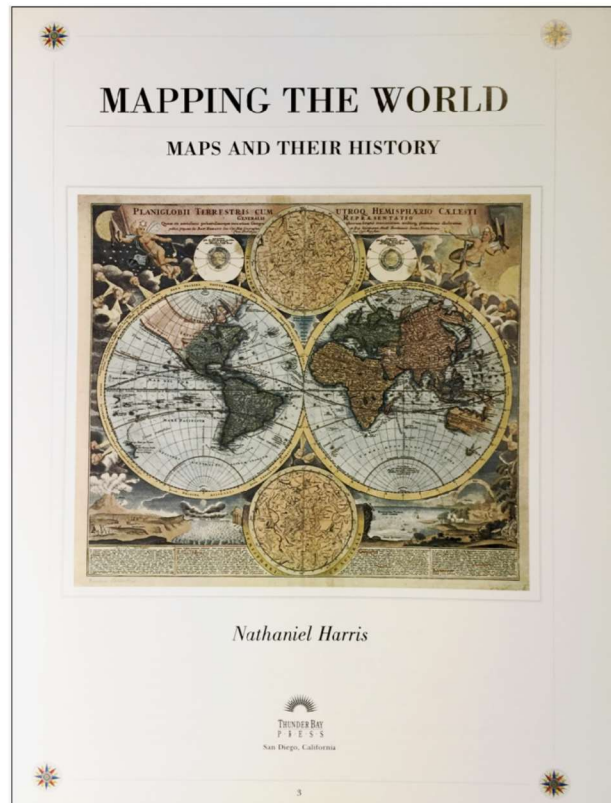
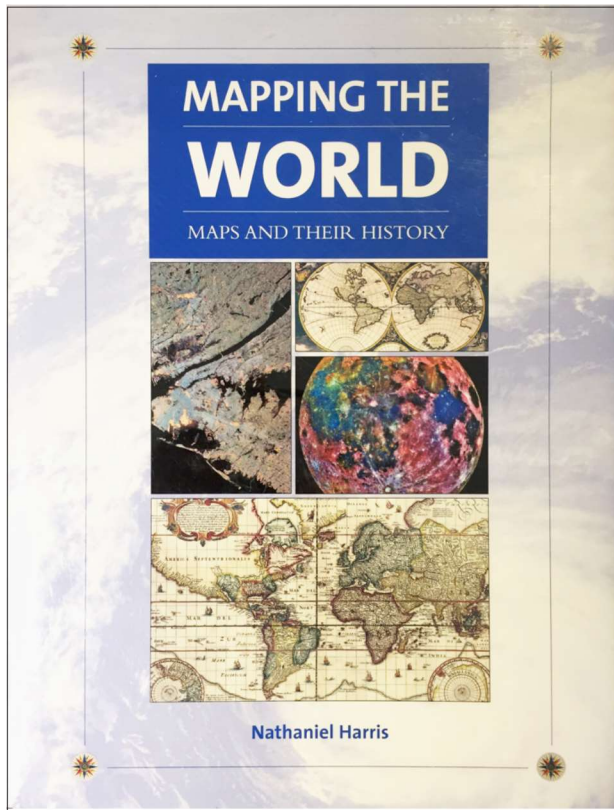
\$ 2.95



2416 **QUINN, David Beers** (1909-2002). *The New Found Land: The English Contribution to the Discovery of North America*. Providence: Associates of the John Carter Brown Library, 1965. ¶ 8vo. 45 pp. 8 plates. Printed wrappers. Near fine.

\$ 12

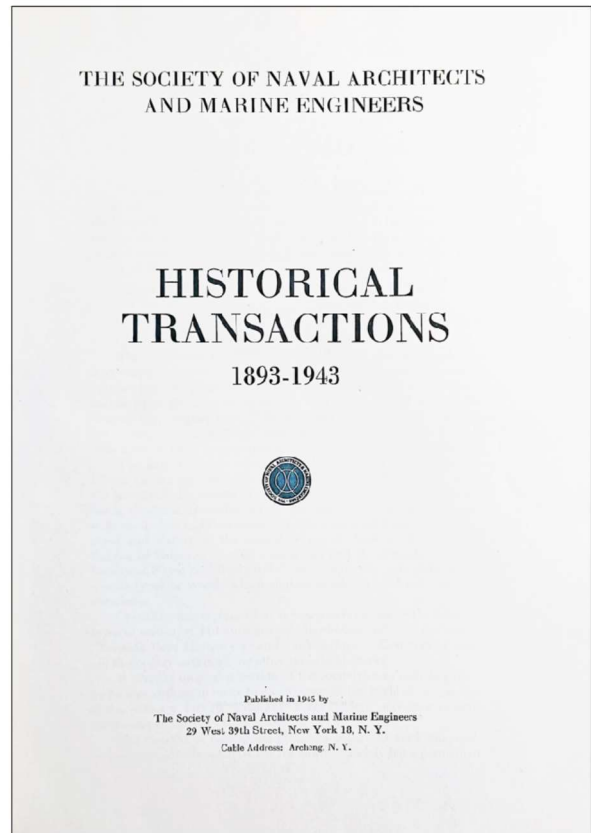
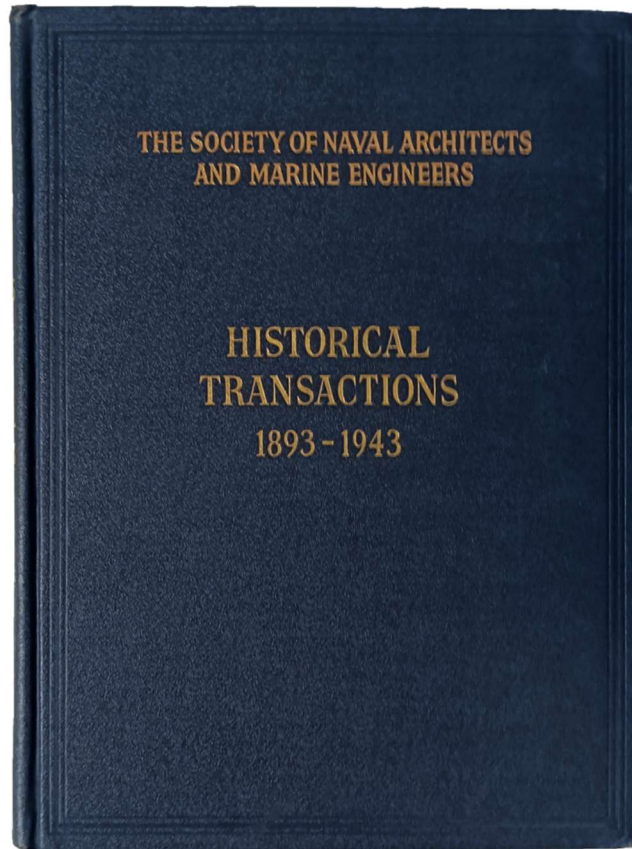
Quinn was an Irish historian who wrote extensively on the voyages of discovery and colonization of America. Many of his publications appeared as volumes of the Hakluyt Society.



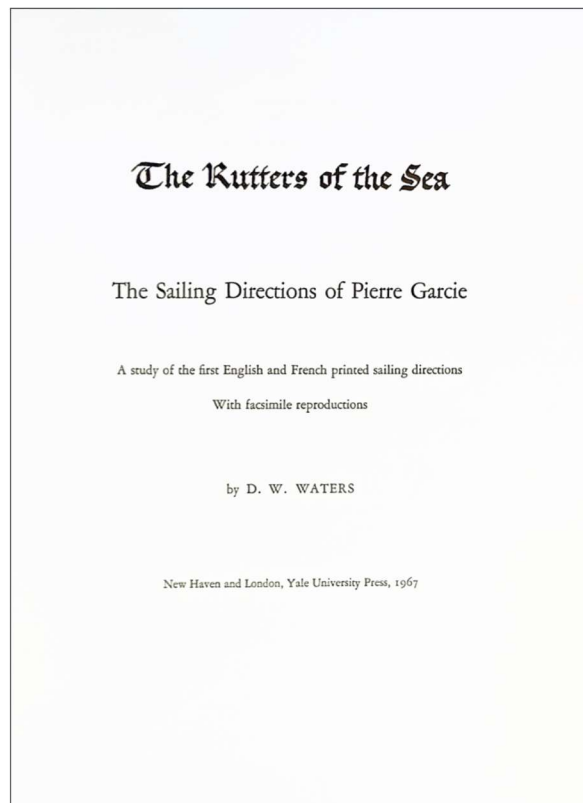
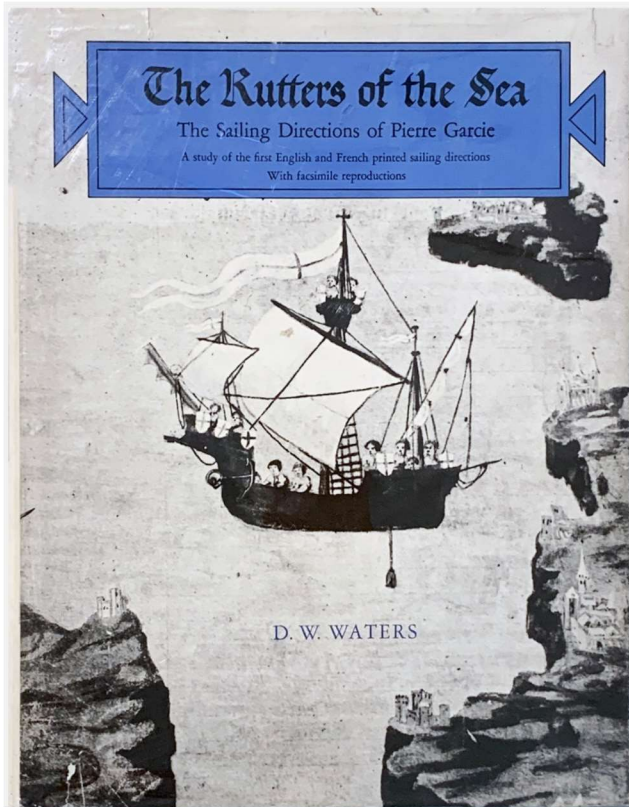
1220 **HARRIS, Nathaniel.** *Mapping the World: maps and their history.* San Diego: Thunder Bay, 2002. ¶ FIRST EDITION. 4to. 304 pp. Color photos and illustrations, index. Pictorial boards, dust-jacket. Burndy bookplate. Near fine.

\$ 6

Mapping the World is an “account of the development of maps and the mapmakers, explorers, and patrons who made it possible. It features famous maps of all parts of the world and some of the famous names in cartography in more than 70 historical and modern maps, each with a lively description of its significance. This impressive volume features maps that show the location of paradise, route maps that guided pilgrims or crusaders to their prayers or their battles, maps that reveal the first attempts to define the borders between countries, maps that reflect Europeans' growing knowledge of the rest of the world during the 16th and 17th centuries, and much more.”



2323 **Society of Naval Architects and Marine Engineers.** *Historical Transactions, 1893-1943.* New York: The Society of Naval Architects and Marine Engineers, 1945. ¶ Tall 8vo. vi, 544 pp. 14 frontis. portraits of the presidents of the Society, illustrations. Navy cloth, gilt-stamped cover and spine titles. Burndy bookplate. Near fine. \$ 12

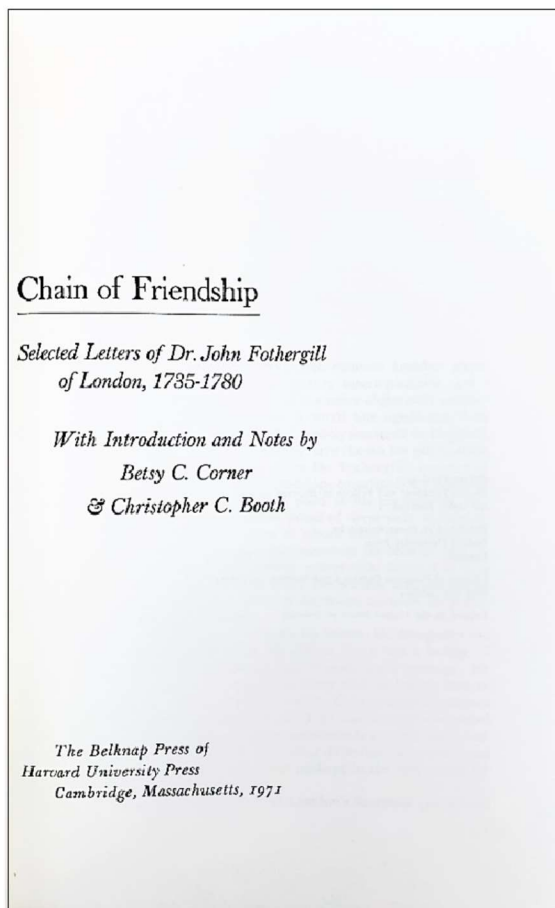
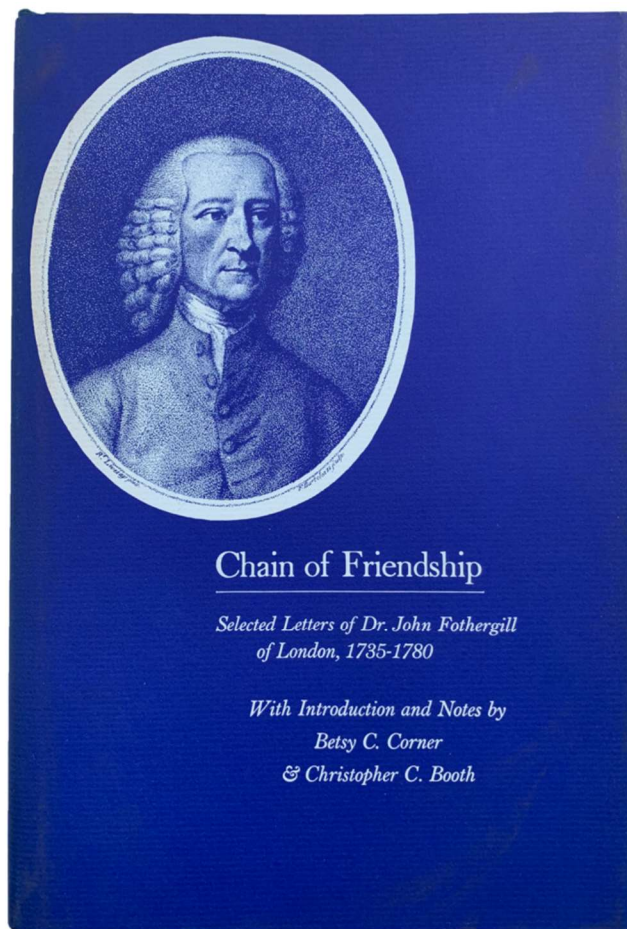


2333 **WATERS, David W.** *The Rutters of the Sea: The Sailing Directions of Pierre Garcie. A Study of the First English and French Printed Sailing Directions, with Facsimile Reproductions.* New Haven and London: Yale University Press, 1967. ¶ **FIRST EDITION.** Large 4to. xv, 478 pp. Frontis., 14 illustrations (including fold-outs), 3 tables, glossary, index. Dark blue cloth, blind stamped cover illustration, gilt-stamped blue spine label, dust-jacket; jacket worn. Burndy bookplate. Very good. \$ 45

Through a friendship that he developed with the wealthy American sportsman, former wartime naval officer, and book collector, Henry C. Taylor, Waters began his studies of the history of navigation. He published "*The Rutters of the Sea*" in 1967 and the "*Art of Navigation in England and Elizabethan and Early Stuart Times*" in 1958, books that Taylor had instigated as well as financially supported.

In 1960, Waters became head of Navigation and Astronomy at the National Maritime Museum. There, he played an important role in converting the Old Royal Observatory, Greenwich into a museum in 1967. He served as secretary of the National Maritime Museum from 1968 to 1971 and then became deputy director from 1971 to 1978. Retiring from the civil Service in 1978 at the age of 67, he held two visiting professorships, a Caird Fellowship at the National Maritime Museum, and a fellowship at the John Carter Brown Library. [Wikip.].

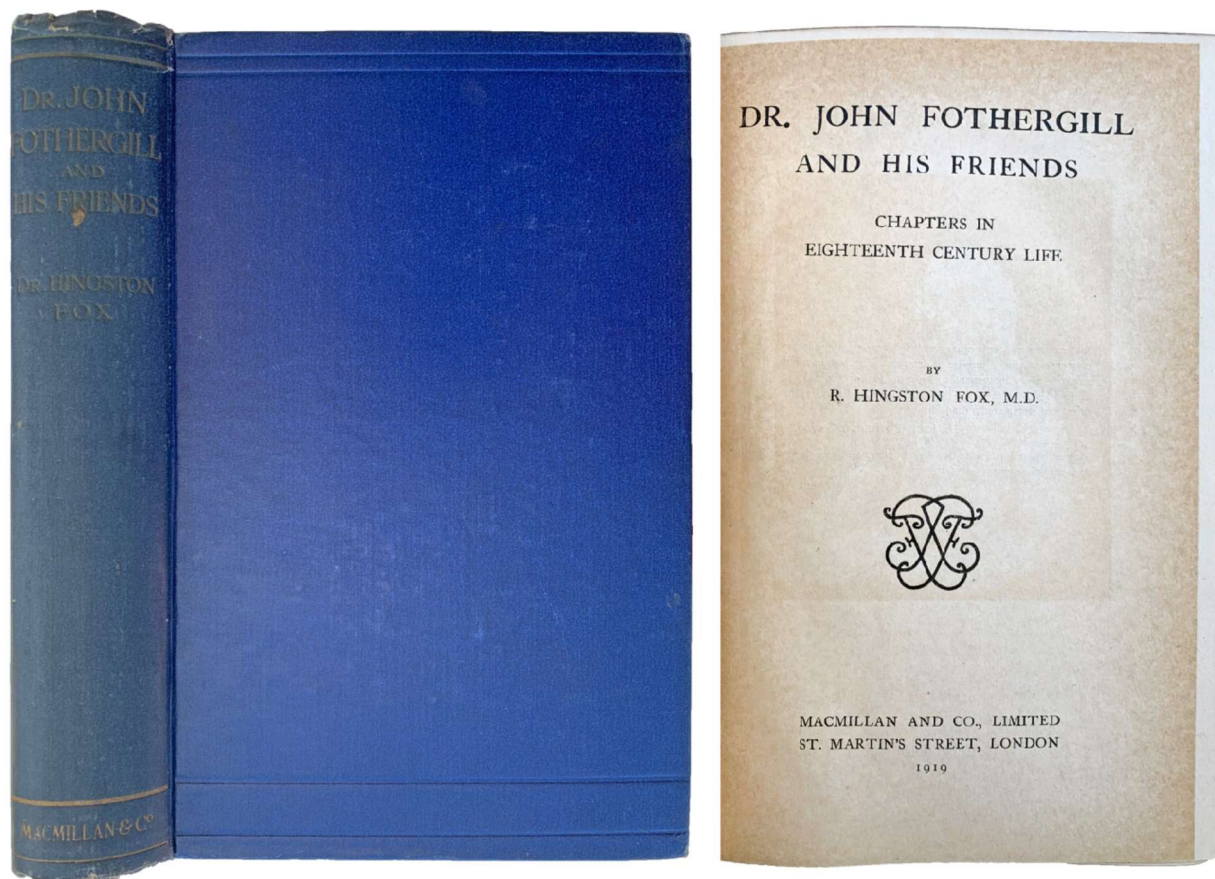
□ Medicine



1366 **FOTHERGILL, John** (1712-1780). *Chain of friendship; selected letters of Dr. John Fothergill of London, 1735-1780. With introduction and notes by Betsy C. Corner & Christopher C. Booth.* Cambridge, MA: Belknap Press of Harvard University Press, 1971. ¶ 8vo. xxiv, 538 pp. Frontis., 23 illus. Blue cloth, silver-stamped spine title, dust jacket. Burndy bookplate. Fine.

\$ 20

John Fothergill FRS was an English physician, plant collector, philanthropist and Quaker.

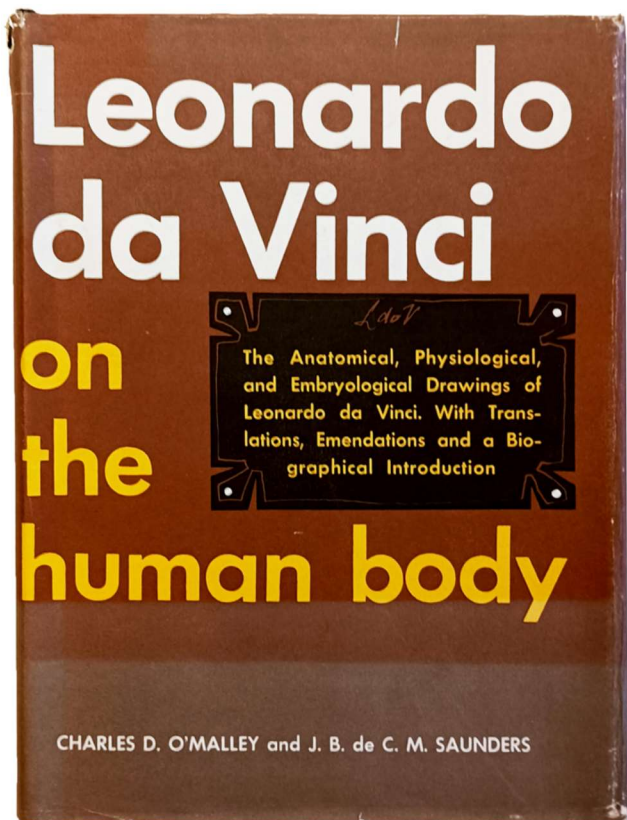


1367 **FOTHERGILL, John** (1712-1780); **FOX, R. Hingston** (1853-1924). *Dr. John Fothergill and his friends: chapters in eighteenth century life*. London: Macmillan, 1919. ¶ 8vo. xxiv, 434 pp. Frontis., 13 illus.; title browned. Original blue cloth, gilt-stamped spine title; spine ends rubbed. Ownership signature of H. Stewart, Burndy bookplate. Very good.

\$ 15

" . . . a well arranged study of eighteenth century medical life and character. In writing it Dr. Fox made full use of his great knowledge of the period; moreover, by inheritance and conviction he was well equipped to describe the life and times of the most prominent member of the Society of Friends in the eighteenth century." [R. Hingston Fox, M.D., F.R.C.P., *Br Med J.* 1924 May 3; 1(3305): p. 806].

PROVENANCE: A "well-known medical practitioner", Dr. H. M. Stewart, B.A., M.B., B.C. (fl. ca. 1893-1930), of the University of Cambridge, from "Walton House", Dulwich, was working at Guy's as a dresser in the eye ward, and a clerk to the anaesthetist. He also served as President of the Physical Society. Member, Sydenham District Medical Society. His wife was related to Arthur Shipley. See: *Guy's Hospital Reports*, 1893.



Leonardo da Vinci on the human body

The Anatomical, Physiological, and Embryological Drawings of Leonardo da Vinci.

With Translations, Emendations and a Biographical Introduction

by Charles D. O'Malley and J. B. de C. M. Saunders
STANFORD UNIVERSITY UNIVERSITY OF CALIFORNIA



Henry Schuman New York

2390 **Leonardo da Vinci.** *Leonardo da Vinci on the Human Body: The Anatomical, Physiological, and Embryological Drawings of Leonardo da Vinci. With translations, emendations and a biographical introduction by Charles D. O'Malley and J.B. de C.M. Saunders.* New York: Henry Schuman, 1952. ¶ FIRST EDITION. 4to. 506 pp. Illustrations. Quarter black cloth with brown cloth sides, blind stamped cover initials, gilt-stamped spine title, dust-jacket; jacket a bit worn with tears. Very good.

\$ 25

This was published at \$25!

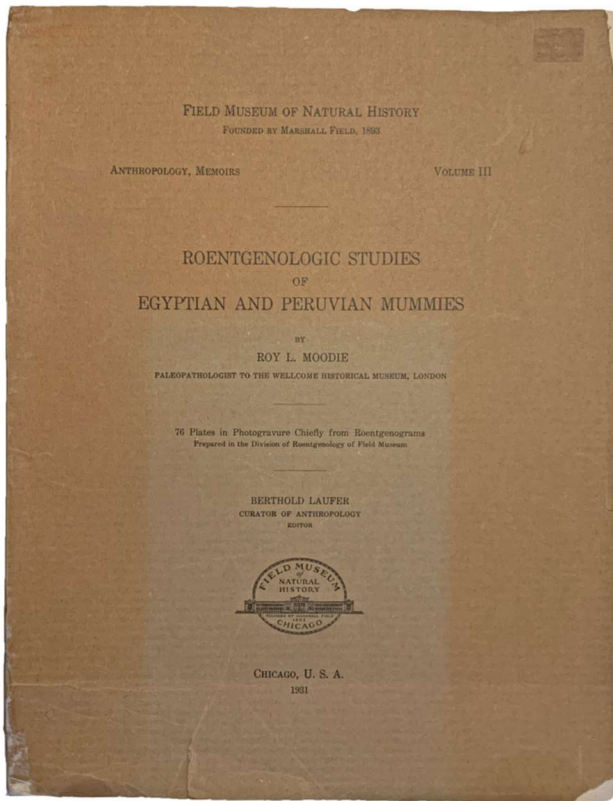


1



2

PHOTOGRAPHS OF MUMMY HEAD, PERU
1. Front. 2. Profile



BOY WITH CURVATURE OF SPINE, ROMAN PERIOD, EGYPT
Brother of girl in preceding Plate

Egyptian and Peruvian Paleopathology

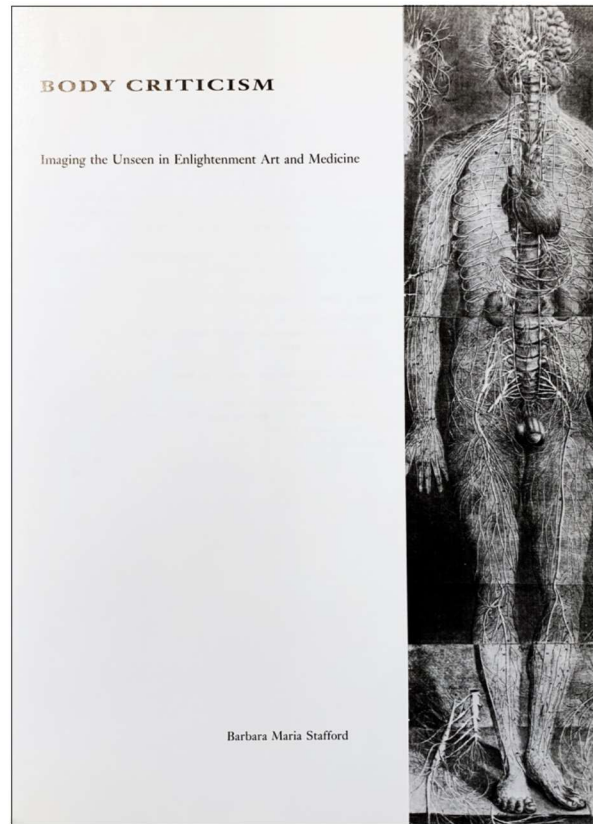
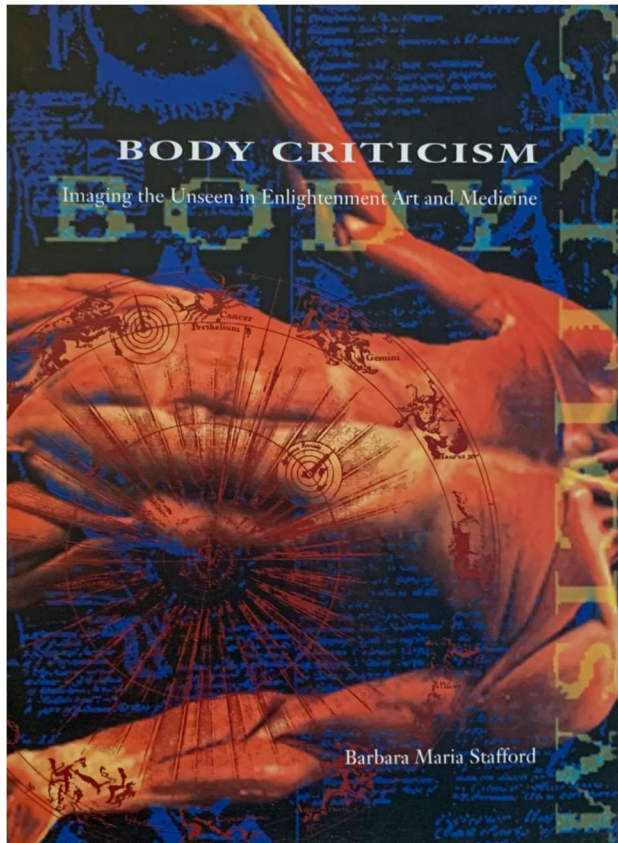
2745 **MOODIE, Roy L.** (1880–1934); **Berthold LAUFER** [editor]. *Roentgenologic Studies of Egyptian and Peruvian Mummies*. Chicago: Field Museum of Natural History, 1931. ¶ Series: Anthropology, Memoirs - Volume III. 31 cm. Index, "76 Plates in Photogravure Chiefly from Roentgenograms Prepared in the Division of Roentgenology of Field Museum"; minor margin nick from title to page 43. Original printed wrappers; cover tears, corner bumped, spine mended. Very good.

\$ 50

Roy Lee Moodie (1880–1934) was a geologist whose interest in ancient disease was stimulated by his finding of pathological change in some of the fossils that he studied, including many from the Rancho La Brea site in California. He occupied teaching positions in Chicago, Dallas and Santa Monica and in 1928 began an acquaintance and a correspondence with Henry Wellcome who was then in the United States and appearing before the Senate Committee on Foreign Affairs. Moodie persuaded Wellcome to sponsor his palaeopathological work and the following year he was appointed palaeopathologist to the Wellcome Historical Medical Museum (WHMM) at a salary of six thousand dollars a year, the first person to hold such a title and the first and only occupant of the title at the WHMM or its successor organizations. He published extensively from 1915 until his death in 1934, including his great compendium *Paleopathology; an Introduction to the Study of Ancient Evidences of Disease*, and the collected papers of Sir Marc Armand Ruffer. He is perhaps best remembered or, at least, most widely quoted for attributing the beginnings of palaeopathology to a publication of Esper in 1774 although the passage in which he did so contained two major errors that have been perpetuated in the literature ever since, the authorship of the publication and the diagnosis of the lesion that he supposed began the study of disease in antiquity.

"Having received and accepted the offer, Moodie quickly became concerned about his title; he enquired about this in a letter of 27 November 1929 but he had still not heard from Wellcome by the following March. The matter was now getting somewhat urgent as Moodie wished to display his new position on the title page of his forthcoming book on the radiography of some of the Egyptian and Peruvian mummies in the Field Museum in Chicago. Despite this, he had to wait until 5 June 1930 before Wellcome replied to say that he authorized the use of the title of Palaeopathologist to the Wellcome Historical [MEDICAL] Museum, London. Moodie was much relieved but, nevertheless, still managed to get the position wrong on the title page of his mummy book (*Roentgenologic Studies of Egyptian and Peruvian Mummies*) where he is described as Palaeopathologist to the Wellcome Historical Museum, London (no Medical)." Tony Waldron, Roy Lee Moodie (1880–1934) and the beginnings of palaeopathology, *J Med Biogr*. 2015 Feb; 23(1): pp.8–13.

1



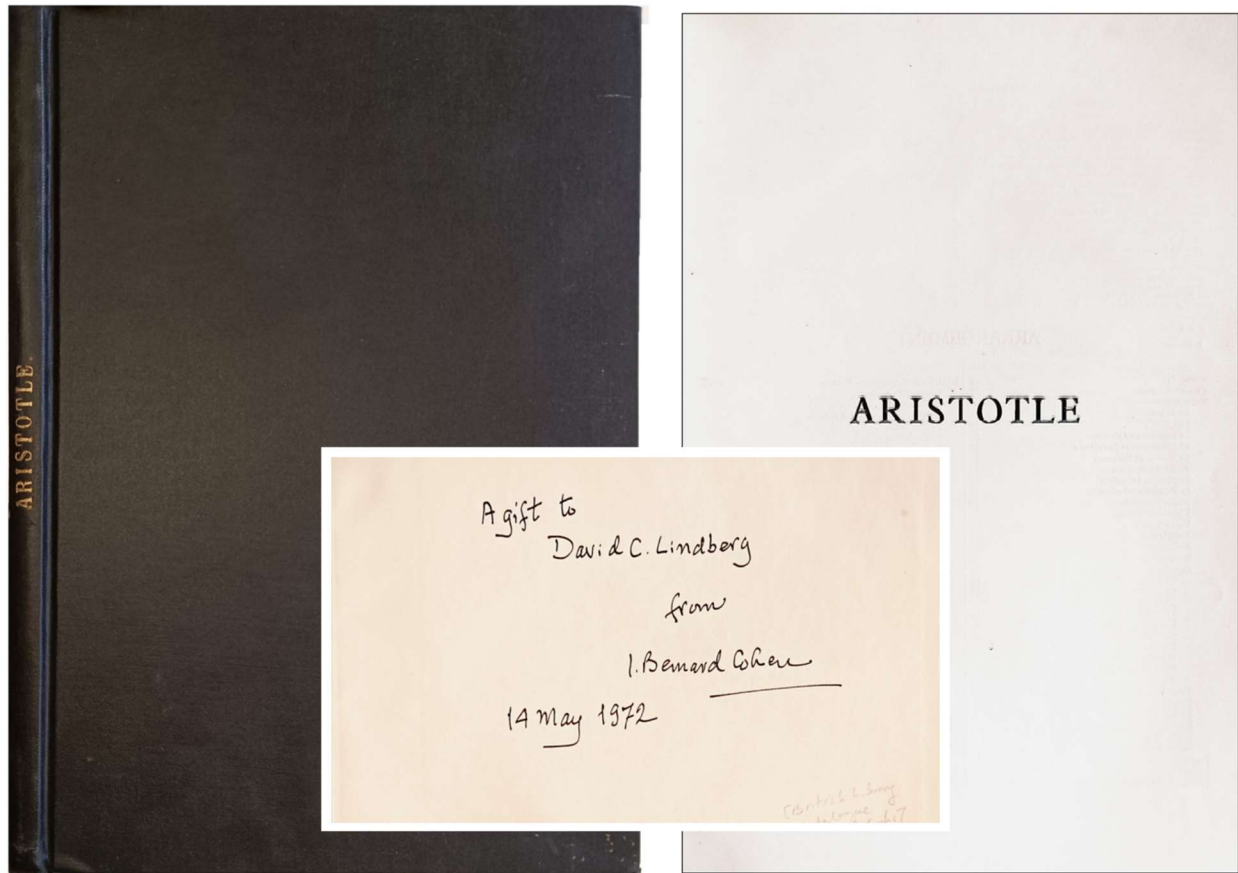
2107 **STAFFORD, Barbara Maria.** *Body Criticism: Imaging the Unseen in Enlightenment Art and Medicine.* Cambridge, MA and London: MIT Press, 1993. ¶ Second printing. 4to. xxi, 587 pp. Illustrations, index. Printed wrappers. Burndy bookplate. Fine.

\$ 14

In this erudite and profusely illustrated history of perception, Barbara Stafford explores a remarkable set of body metaphors deriving from both aesthetic and medical practices that were developed during the enlightenment for making visible the unseeable aspects of the world. While she focuses on these metaphors as a reflection of the changing attitudes toward the human body during the period of birth of the modern world, she also presents a strong argument for our need to recognize the occurrence of a profound revolution—a radical shift from a text-based to a visually centered culture. Stafford argues, in fact, that modern societies need to develop innovative, nonlinguistic paradigms and to train a broad public in visual aptitude. — publisher.

Barbara Stafford is the William B. Ogden Distinguished Service Professor of Art History at the University of Chicago. She is the author of *Good Looking*, *Artful Science*, *Body Criticism*, and *Voyage into Substance* (all published by MIT Press).

□ Science



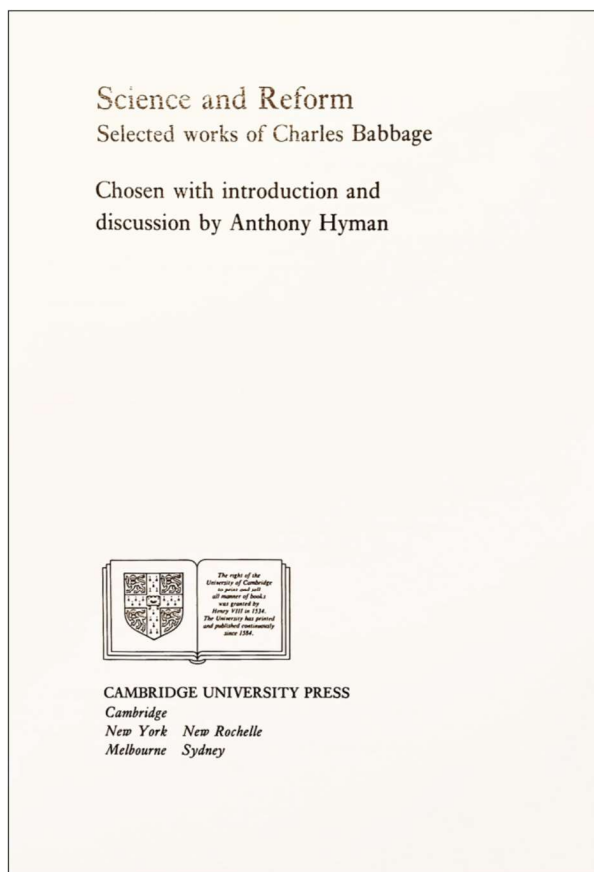
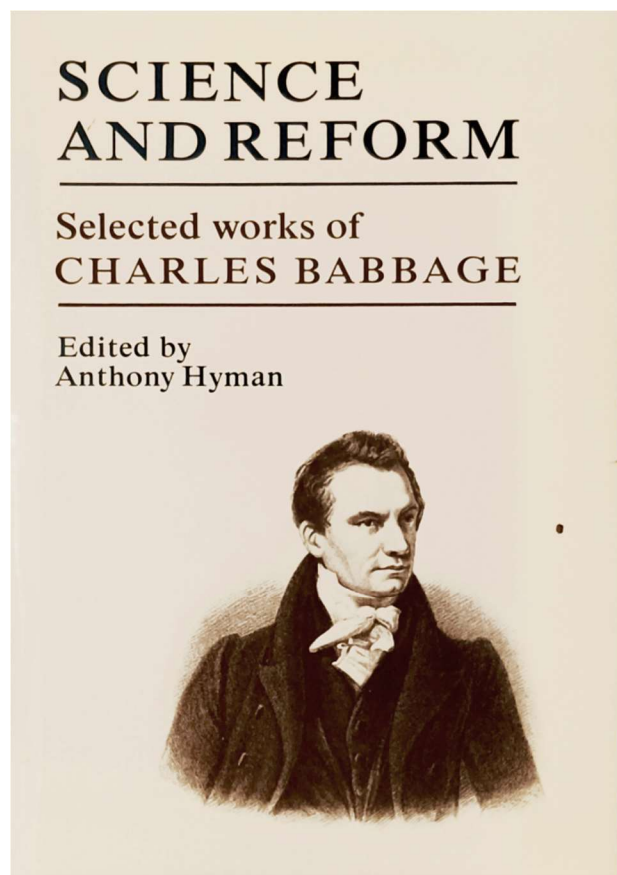
Inscribed from I. Bernard Cohen to David C. Lindberg

2877 [ARISTOTLE] **British Library**. *Catalogue of the Printed Books in the Library of the British Museum: Aristotle*. London: British Library, [no date]. ¶ Folio. 170 columnar pages. Black cloth, gilt spine title. INSCRIBED to David C. Lindberg from I. BERNARD COHEN, 14 May 1972.

\$ 30

This printed catalogue of all the books by Aristotle in the British Library serves to help see the organization and depth of Aristotle's writings as arranged in a library bibliographic format. This is essentially a bound offprint from the full catalogue of printed books.

PROVENANCE: I. Bernard Cohen (1914-2003) was the Victor S. Thomas Professor of the history of science at Harvard University and the author of many books on the history of science and, in particular, Isaac Newton and Benjamin Franklin. – David Charles Lindberg (1935-2015) was an American historian of science. His main focus was on the history of medieval and early modern science (especially early Arabian optics), especially physical science and the relationship between religion and science. He also served as president of the History of Science Society and in 1999 was recipient of its Sarton medal.



1748 **BABBAGE, Charles** (1791-1871). *Science and Reform: Selected Works of Charles Babbage. Chosen with Introduction and Discussion by Anthony Hyman.* Cambridge, et al.: Cambridge University Press, 1989. ¶ FIRST EDITION. Tall 8vo. vii, 336 pp. 18 plates, figs, index. Dark blue cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 50

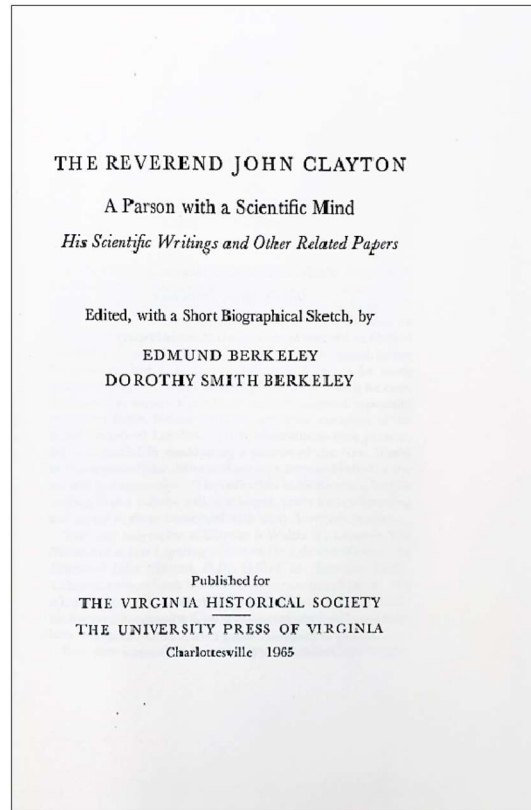
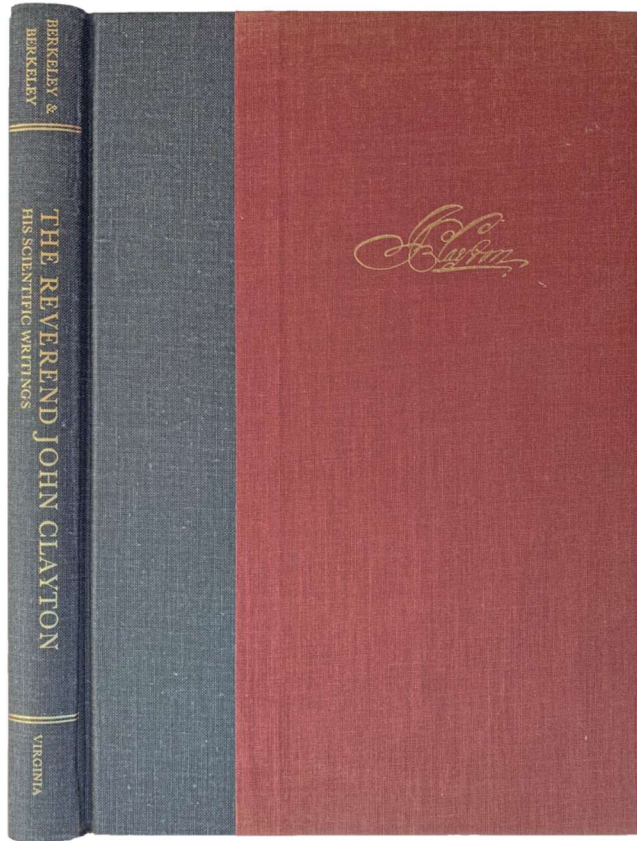
Charles Babbage, considered the founding father of the computer, was a key figure during a great era of British history. Best remembered for his pioneering work on analytical and difference engines, the forerunners of the modern computer, Babbage was also an active campaigner for reform in both science and society. Babbage's wide-ranging interests ran from economic theory and statistics, to lighthouse signaling and postal services. His book, *Reflections on the Decline of Science in England and Some of its Causes* (1830) reflected his attempts to reorganize and control the conduct of scientific activity at a national level. In addition, he published widely on theoretical and practical science and social reform. In this book, Anthony Hyman, the acknowledged expert on Babbage's life and work, has selected passages from these many publications--reflecting his innovative scientific work and his thoughts on such subjects as taxation, abolition of life peerage and the assurance of lives--subjects which anticipated the preoccupations of present-day society. [Publisher].



2458 **BURL, Aubrey** (1926-2020). *Prehistoric Avebury*. New Haven and London: Yale University Press, 1979. ¶ FIRST EDITION. Tall 8vo. vii, (viii), 275 pp. Photos and illustrations (some in color), index. Brown cloth, gilt-stamped spine title, dust-jacket; jacket creased with small stain on front cover, else very good. Burndy Bookplate.

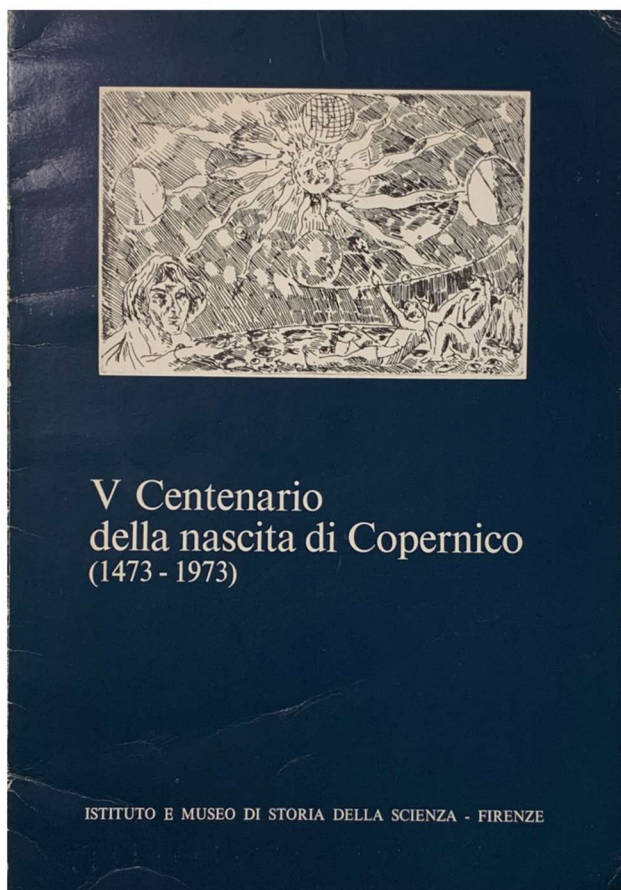
\$ 6.95

Burl, a British archaeologist best known for his studies into megalithic monuments, worked while considering the astronomical roles of many megalithic monuments, was cautious of embracing the more tenuous claims of archaeoastronomy. In *Prehistoric Avebury* Burl proposed that Circles and Henge monuments, far from being astronomical observatories for a class of "astronomer priests" were more likely used for ritualistic practices, connected with death and fertility rites, and ancestor worship, similar to practices observed in other agricultural cultures (in particular the rituals of Native North American Tribes such as the Algonquin and the Pawnee). Rituals would have been performed at key times of the year, such as the Spring Equinox and Summer Solstice, to ensure a successful harvest from the land.



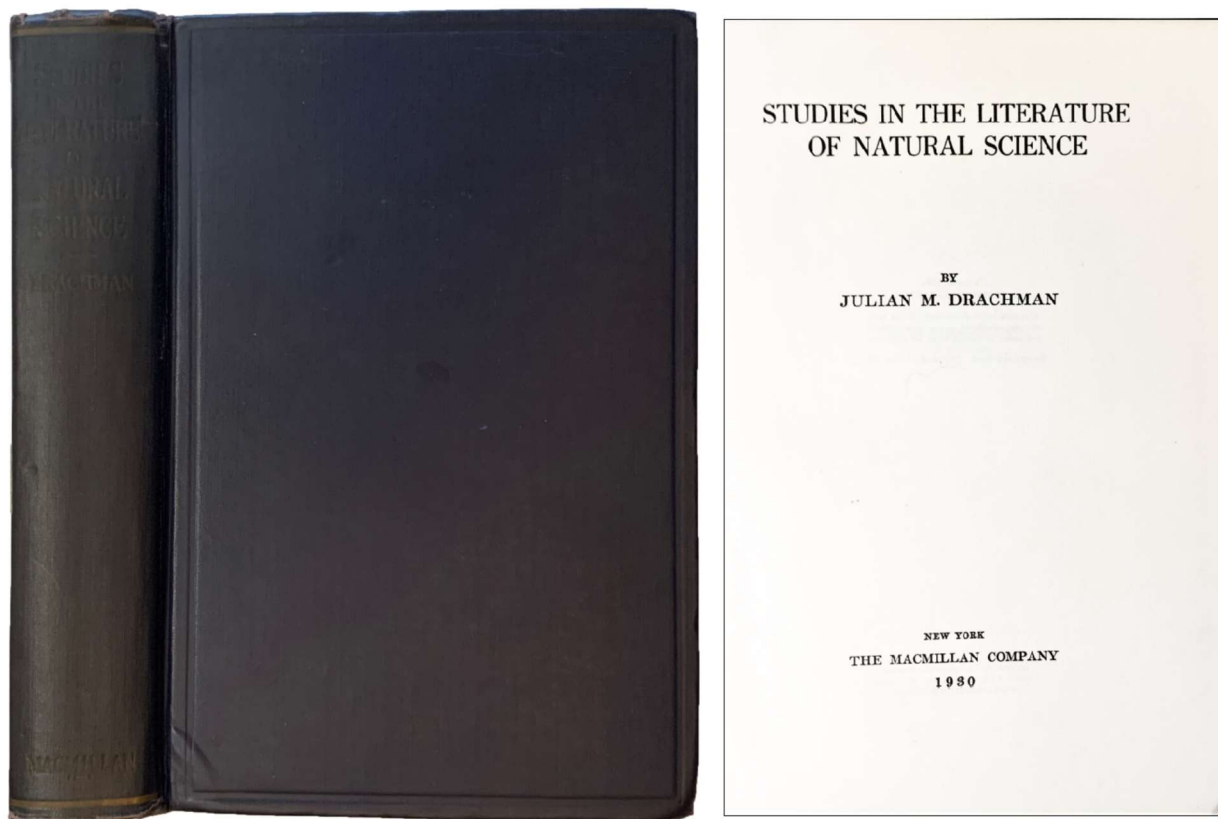
1357 [CLAYTON, John (1657-1725)]. *The Reverend John Clayton, a parson with a scientific mind; his scientific writings and other related papers. Edited, with a short biographical sketch, by Edmund Berkeley, Dorothy Smith Berkeley.* Charlottesville: Published for the Virginia Historical Society [by] University Press of Virginia, 1965. ¶ Series: Virginia Historical Society Documents, vol. 6. 8vo. lxiii, 170 pp. Quarter black and maroon cloth, gills-stamped spine title. Burndy bookplate. Very good. \$ 13.95

Reverend John Clayton (1657-1725), both a clergyman and physician, with personal interests in natural history and natural philosophy. We was a correspondent with several illustrious leaders in science, including Robert Boyle and Nehemiah Grew. "Clayton made improvements on Denis Papin's digester (the original of the pressure cooker or autoclave) and, with it, studied the pressure of gases at a time when Boyle's work was not widely known. He also followed Boyle in studies of specific gravity and, in further chemical activity, is accounted the first to distill illuminating gas from coal." He also studied Allen Moulin's anatomy of birds. George F. Frick, book review, *The American Historical Review*, Volume 72, Issue 4, July 1967, Pages 1481–1482.



2272 [Copernicus] **BONELLI, Maria Luisa Righini.** *V Centenario della nascita di Nicolò Copernico (1473-1973).* Realizzazioni grafiche e pittoriche di Silvio Loffredo. Firenze: Istituto e Museo di Storia della Scienza, 1973. ¶ 4to. 16 ff. Frontis., illustrations (many in color). Printed wrappers; wrappers a bit worn. Burndy bookplate. Very good.

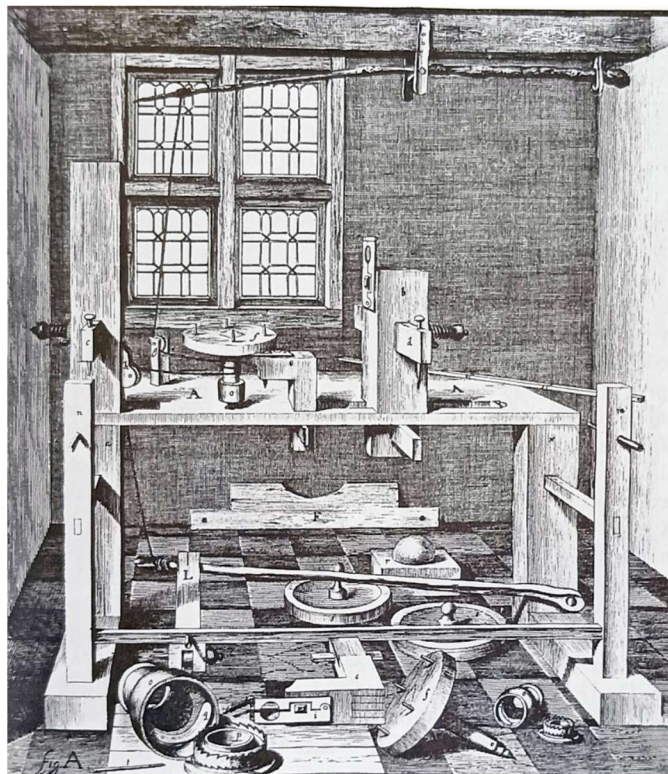
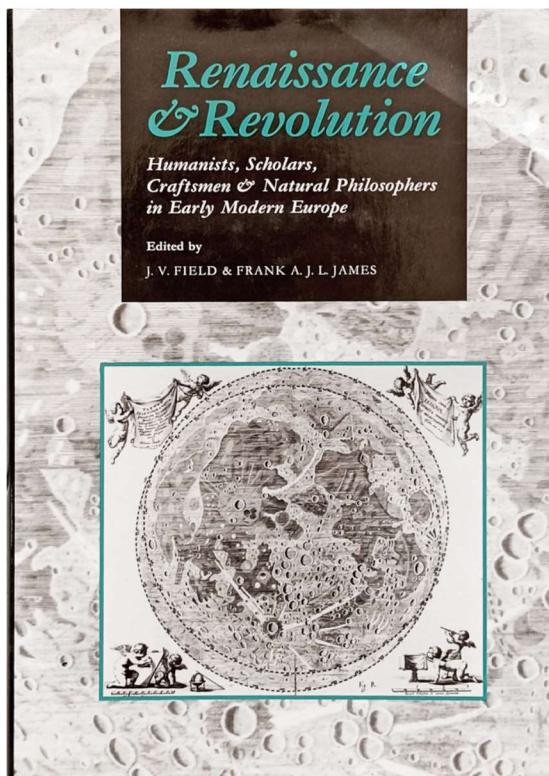
\$ 17



1198 **DRACHMAN, Julian M.** *Studies in the Literature of Natural Science*. New York: Macmillan, 1930. ¶ FIRST EDITION. 8vo. x, 487 pp. Plates, index. Navy cloth, gilt-stamped spine title; rubbed. Burndy bookplate. Very good.

\$ 7.95

First edition. This book, as reviewed by Charles Kofoid, is "rather a selection of movements, incidents, and men, dramatically presented by the writer. His discussion of "what, if anything, is scientific literature?" leads to the conclusion that this literature, as distinct from other forms of writing, did not arrive until the 19th century, when, in English, it became characteristic of the Victorian period, and then largely in the field of the natural sciences. The writings of Darwin and Huxley exemplify this, the first model of dispassionate clarity, the second, of forceful argument . . ." ? Kofoid. ISIS, volume 27, number 1.



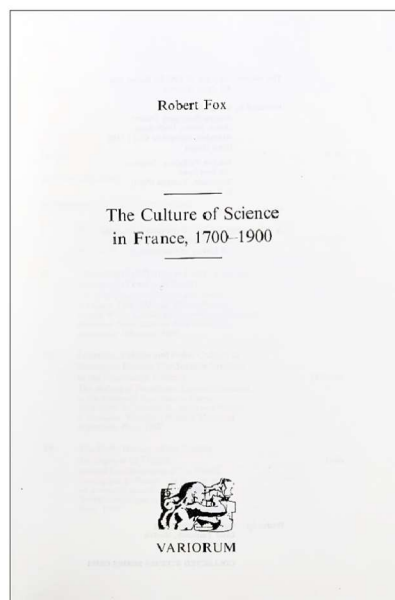
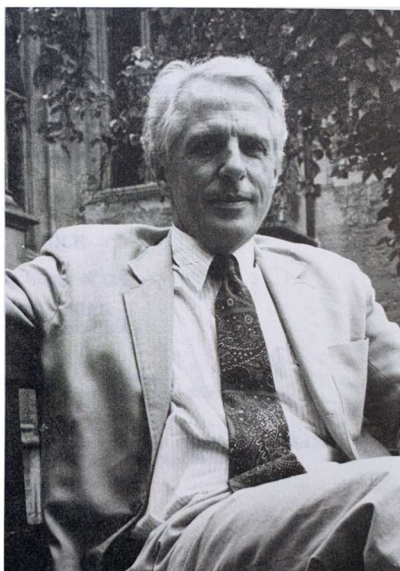
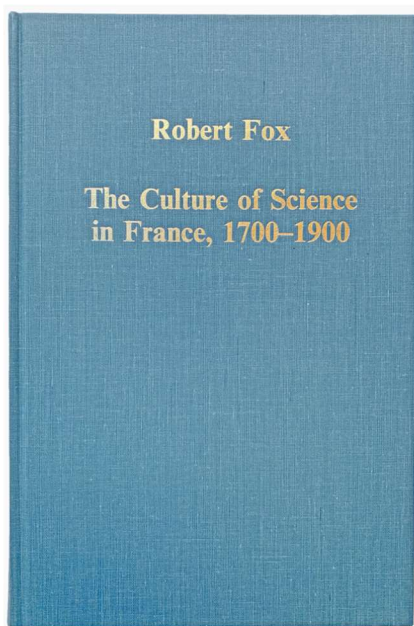
2011 **FIELD, J. V.; Frank A. J. L. JAMES** (editors). *Renaissance and Revolution; Humanists, scholars, craftsmen and natural philosophers in early modern Europe*. Cambridge: Cambridge University Press, 1993. ¶ 8vo. xv, 291 pp. Figs., index. Cloth, dust-jacket. Ink ownership signature of David C. Lindberg. Fine.

\$ 35

Contributors include Vivian Nutton, "Greek Science in the sixteenth-century Renaissance," William Eamon, "With the rules of life and an enema': Leonardo Fioavanti's medical primitivism," Harold J. Cook, "The cutting edge of a revolution? Medicine and natural history near the shores of the North Sea," Richard Westfall, "Science and technology during the Scientific Revolution. . ." J.V. Field, "Mathematics and the craft of painting: Piero della Francesca and perspective," Mary G. Winkler & Albert Van Helden, "Johannes Hevelius and the visual language of astronomy," Frances Willmoth, "Mathematical sciences and military technology: the Ordnance Office in the reign of Charles II," Alan Gabbey, "Between ars and philosophia naturalis: reflections on the historiography of early modern mechanics," A. Rupert Hall, "Retrospection on the Scientific Revolution," Michael Hunter, "The conscience of Robert Boyle: functionalism, 'dysfunctionalism' and the task of historical understanding," R.W. Home, "Newton's subtle matter: the *Opticks* queries and the mechanical philosophy," Gad Freudenthal, "Clandestine Stoic concepts in mechanical philosophy: the problem of electrical attraction," Karin Figala & Ulrich Petzold, "Alchemy in the Newtonian circle: personal acquaintances and the problem of the late

phase of Isaac Newton's alchemy," and Paolo Casini, "The reception of Newton's *Opticks* in Italy," et al.

Frank James is a professor of the history of science at University College London, having worked previously at the Royal Institution. His main research concentrates on the physical sciences in the late-18th and 19th centuries and how they relate to other areas of society and culture such as art, literature, business, media, religion, technology, and the military. He edited the *Correspondence of Michael Faraday*, published in six volumes between 1991 and 2012, and a number of essay collections, including "The Common Purposes of Life," a set of papers on the Royal Institution. His book, *Michael Faraday: A Very Short Introduction*, was published in 2010 by Oxford University Press, which the following year published his sesquicentenary edition of Faraday's *Chemical History of a Candle*. James's current research is on the practical work of Humphry Davy, including his work on nitrous oxide, agricultural chemistry, mineralogy, the miners' safety lamp, analysis of ancient Roman pigments, and his attempts to unroll chemically the papyri excavated from Herculaneum

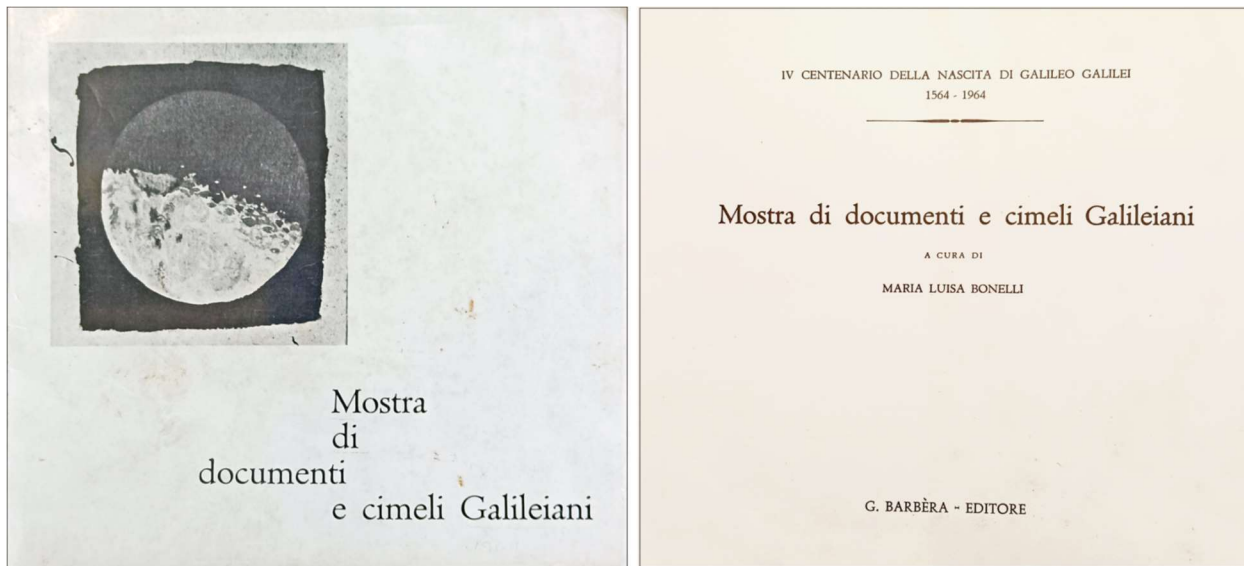


1368 **FOX, Robert** (1938-). *The culture of science in France, 1700-1900*. Aldershot, Hampshire, Great Britain, Brookfield, VT: Variorum; Ashgate Pub. Co., 1992. ¶
8vo. xii, various pagination. Teal cloth, gilt-stamped cover and spine titles. Fine. \$ 35

CONTENTS: Part 1 Patronage and institutions: scientific enterprise and the patronage of research in France, 1800-1870-- the "Savant" confronts his peers - scientific societies in France, 1815-1914-- learning, politics and polite culture in provincial France - the "Societes Savantes" in the 19th century-- the early history of the society zoologique de France-- science, industry and the social order in Mulhouse, 1798-1871-- from Corfu to Caledonia - the early travels of Charles Dupin, 1808-1920. Part 2: The physics of heat: the science of fire - J.H. Lambert and the study of heat-- the

background to the discovery of Dulong and Petit's law-- the rise and fall of Laplacian physics-- the fire piston and its origins in Europe-- the challenge of a new technology - theorists and the high-pressure steam engine before 1824-- Watt's expansive principle in the work of Sadi Carnot and Nicolas Clement. (source: Nielsen Book Data).

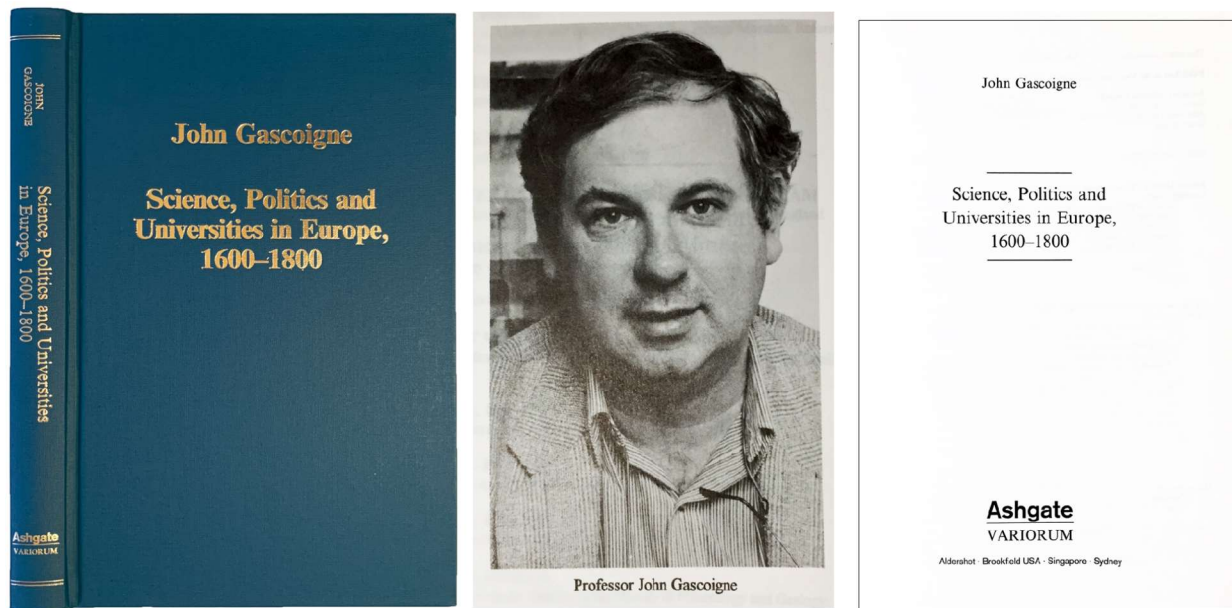
SUMMARY: This volume treats a remarkable period in the history of science in France. The articles in the first of its two sections, concerned with patronage and institutions, explore the structures that fostered research and the diffusion of scientific and technological knowledge, not only in the great institutions under state control but also in the very different world of the independent academies and the many scientific and industrial societies in Paris and the provinces. The second section focuses on the physical sciences, in particular the physics of heat and the imponderable fluids, and their relations with experimental and technological practice. It contains studies of figures of outstanding importance in the history of French science, including J.H. Lambert, P.S. de Laplace, and Sadi Carnot. Taken together, the articles provide a coherent picture of a nation's science over a period of a century, developing a methodological perspective that unites cognitive and social considerations.



1756 [Galileo] **BONELLI, Maria Luisa.** *Mostra di documenti e cimeli Galileiani. IV Centenario della nascita di Galileo Galilei 1564-1964.* (Firenze): G. Barbrea, 1964. ¶ Oblong 8vo. 95 pp. Illustrations, many in color. Printed wrappers; wrappers lightly stained, small inked notation inside front cover, else very good. Burndy bookplate.

\$ 20

Bonelli worked at the Istituto e Museo di Storia della Scienza since 1942, under the direction of Andrea Corsini, succeeding him after his death, becoming the director. Shortly after this publication, just two years later, Bonelli was to save most of the important treasures of the institute during the great flood of Florence in 1966.

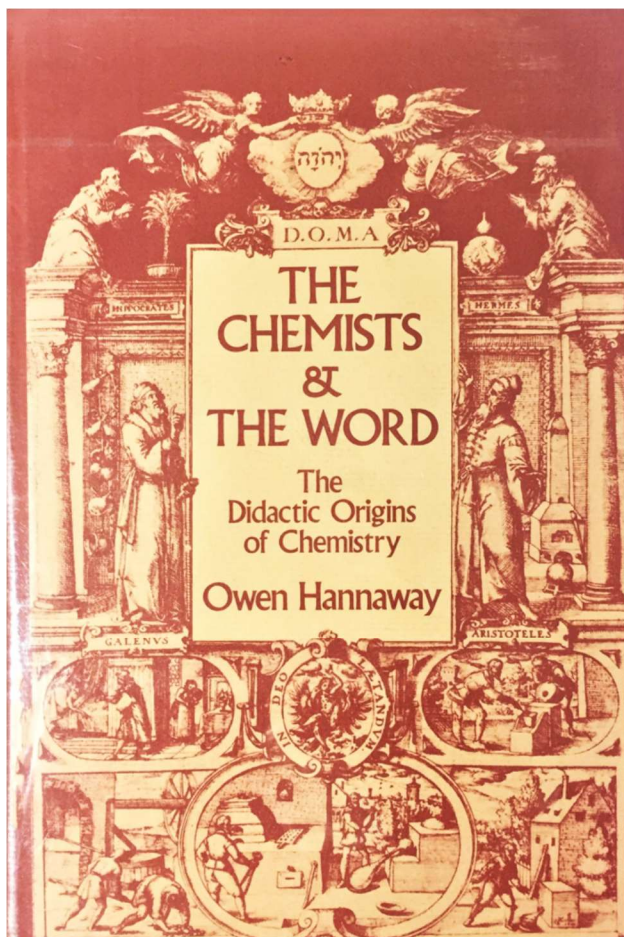


1208 **GASCOIGNE, John.** *Science, Politics and Universities in Europe, 1600-1800.*

Aldershot, et al.: Ashgate, 1998. ¶ FIRST EDITION. Series: Variorum Collected Studies Series, CS636. 8vo. x, 290 pp. Frontis., illustrations, index. Blue cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine.

\$ 40

John Gascoigne was educated at Sydney (BA honours 1), Princeton (MA) and Cambridge Universities (PhD and Litt.D) and is a fellow of the Australian Academy of the Humanities. He has taught in Papua New Guinea and has been at UNSW since 1980. His publications have dealt with the impact of the Scientific Revolution and the Enlightenment along with eighteenth-century exploration. His most recent monographs are *Captain Cook. Voyager between Words* (Continuum, 2007), winner of the Frank Broeze biennial prize of the Australian Maritime History Association and *Encountering the Pacific in the Age of the Enlightenment* (Cambridge University Press, 2014).



THE CHEMISTS AND THE WORD

The Didactic Origins of Chemistry

OWEN HANNAWAY

The Johns Hopkins University Press · Baltimore and London

*To Professor Guerlac, from one of his
Scottish admirers.*

Owen Hannaway

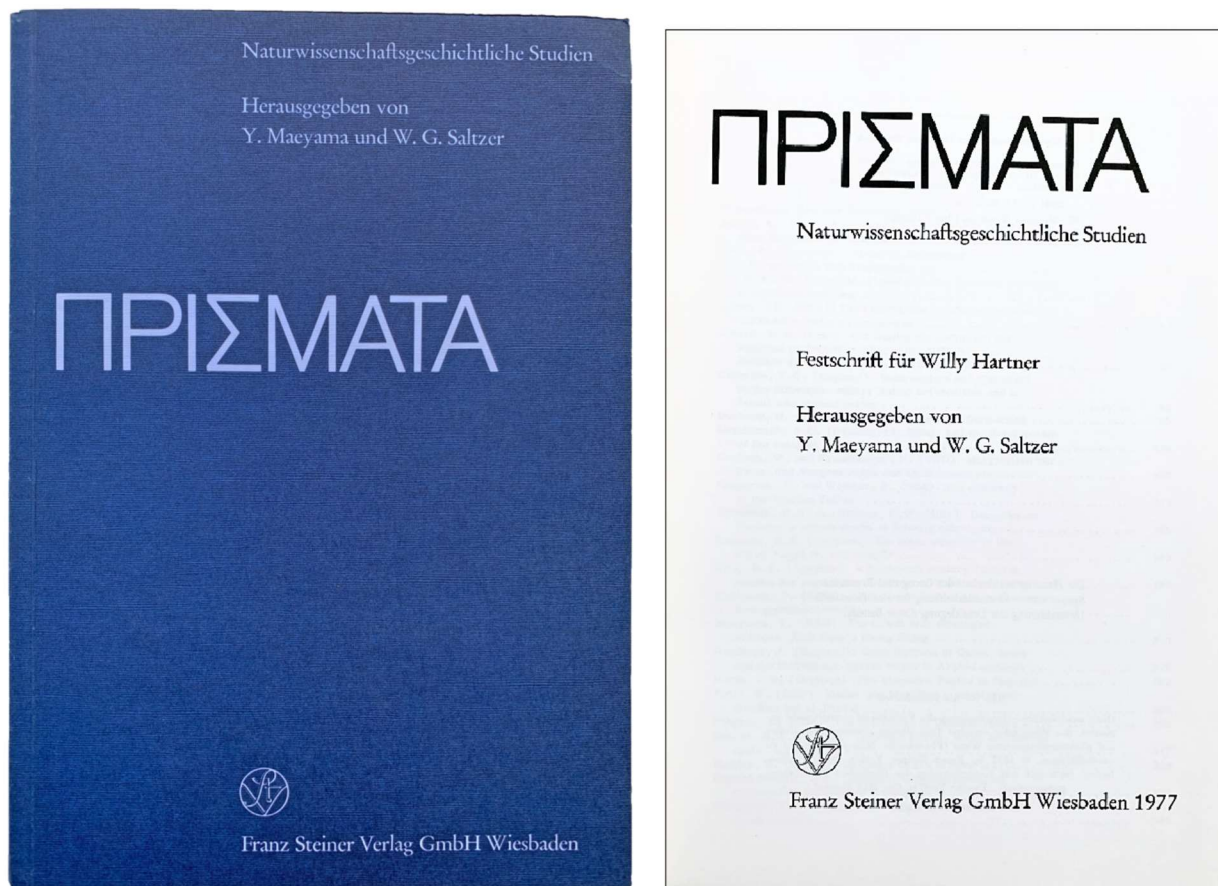
1219 **HANNAWAY, Owen.** *The Chemists and the Word: The Didactic Origins of Chemistry.* Baltimore and London: Johns Hopkins University Press, 1975. ¶ 8vo. xiii, 165 pp. Illustrations, index. Red cloth, white stamped spine title, dust-jacket; jacket edges are worn. Burndy bookplate. INSCRIBED BY AUTHOR TO GUERLAC. Very good.

\$ 85

“This book is ... basically concerned with a parallel discussion of the works of Libavius and Kroll as they illustrate the emergence of chemistry and the relation of this to Paracelsian chemical philosophy ... By studying contrasts and conflicts Dr. Hannaway is able to throw new light on the origin of chemistry as a discipline. He

also shows that Ramist dialectic and method allowed the formation of disciplines compounded of empirical and practical knowledge.” – Review. *Medical History*, volume 21, issue 1.

PROVENANCE: Henry Guerlac (1910-1985), whose library I bought, was a pioneering American historian of science. He taught at Cornell University where he was the Goldwin Smith Professor of History and a member of the Department of History.

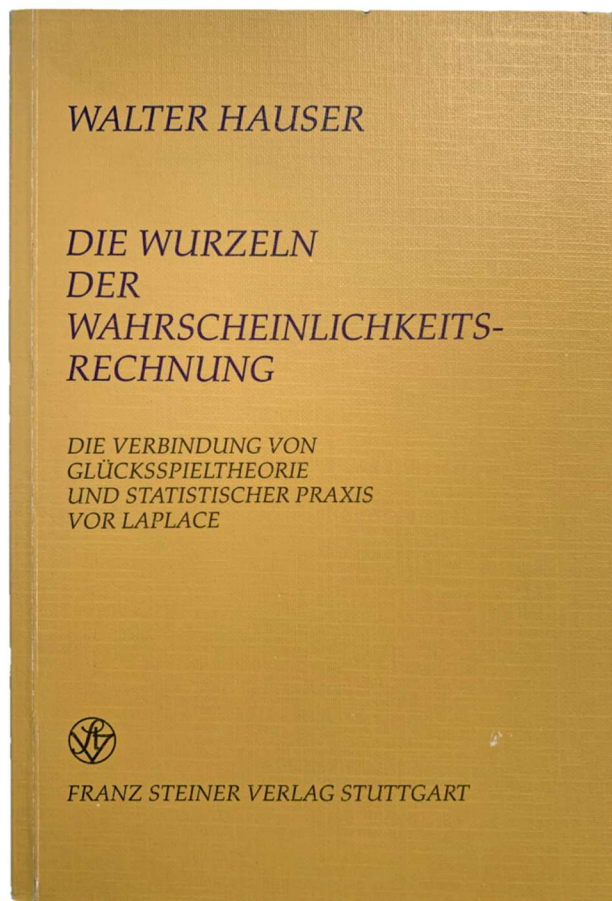


1380 [HARTNER, Willy (1905-1981)] MAEYAMA, Yasukatsu; SALTZER, Walter Gabriel, 1938-). *Prismata; Naturwissenschaftsgeschichtl. Studien: Festschrift für Willy Hartner. Herausgegeben von Y. Maeyama und W.G. Saltzer*. Wiesbaden: Steiner, 1977. ¶ 8vo. 456 pp. Printed wrappers. Burndy bookplate. Very good. Rare.

\$ 40

"Willy Hartner was a German scientist and polymath. He studied at Goethe University, Frankfurt am Main, where he obtained his PhD in physics in 1928 and where he later served as professor from 1940, as ordinary professor [German academic terminology] from 1946." [Wikip.] "Willy Hartner's work is characterized by its great range, both linguistic and cultural. He would

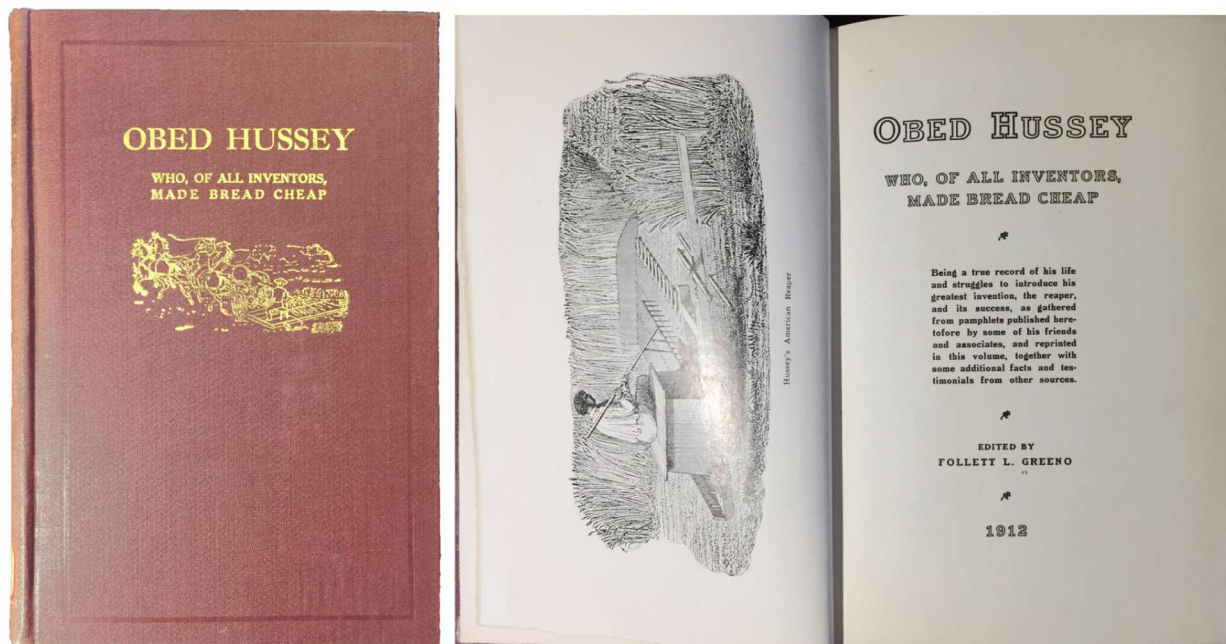
frequently take what seemed at first sight to be a small and isolated fact, but by turning it over long and carefully in his mind, analysing it from many points of view, and blending in a little judicious speculation--some of his critics would say 'injudicious' - he revealed hidden and unexpected links, with the help of which it might be explained. An excellent example of this style of argument is to be found in his book on the golden horns of Gallehus. In this last connection it is worth remarking that he gave regular courses on Old Norse literature at Frankfurt, and that indeed he was elected a fellow of the Royal Danish Academy. This was one of many honours which fell to him before his death--another was membership of the Accademia Nazionale dei Lincei. He was twice president of the International Academy of the History of Science." see: J.D. North, Obit., *Annals of Science*, 1982, 39:2, pp. 115-116.



1448 **HAUSER, Walter.** *Die Wurzeln der Wahrscheinlichkeitsrechnung: Die Verbindung von Glücksspieltheorie und Statistischer Praxis vor Laplace.* Stuttgart: Franz Steiner, 1997. ¶ Series: *Boethius*, Band 37. 8vo. 236, ads. [2] pp. Printed wrappers. Very good. RARE.

\$ 30

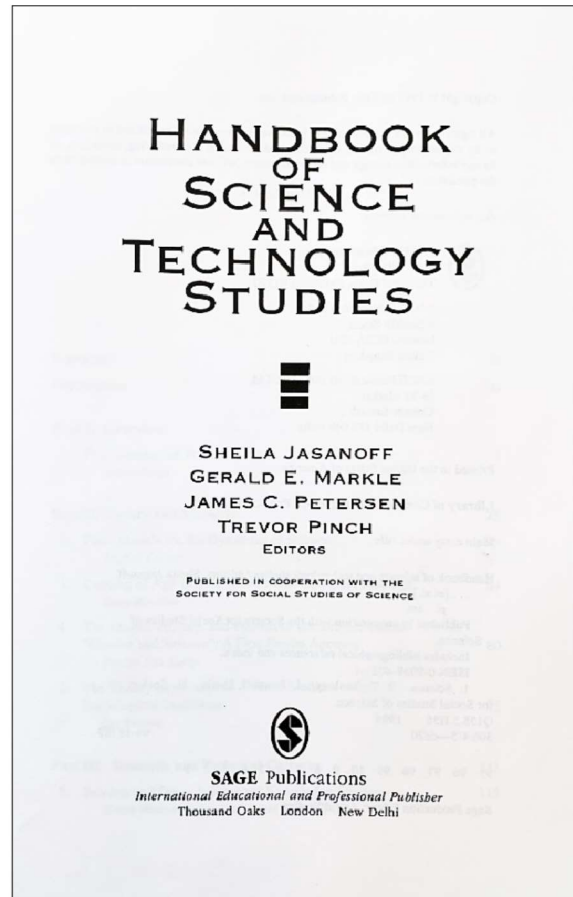
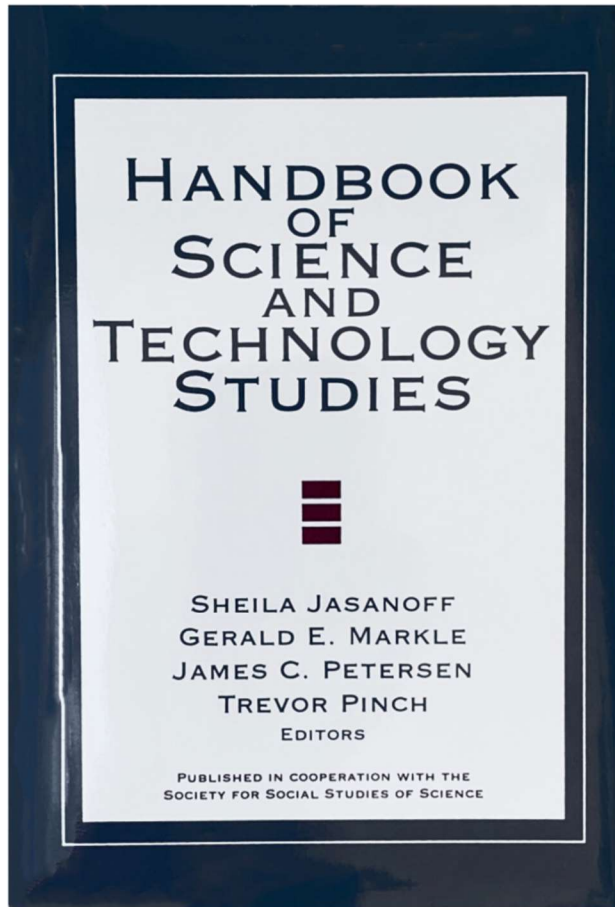
Hauser studies 'the roots of probability theory', examining the combination of gambling theory and statistical practice before Laplace.



1223 [HUSSEY, Obed (1792–1860)] GREENO, Follett L. (ed.). *Obed Hussey Who, of All Inventors, Made Bread Cheap. Being a True Record. . .* [Rochester]: For the author, 1912. ¶ 8vo. 228 pp. Frontis., plates. Maroon cloth, gilt-stamped cover and spine titles, t.e.g.; spine faded, faint marginal stain to p. 1. Small sticker on spine. Burndy bookplate. Very good.

\$ 18

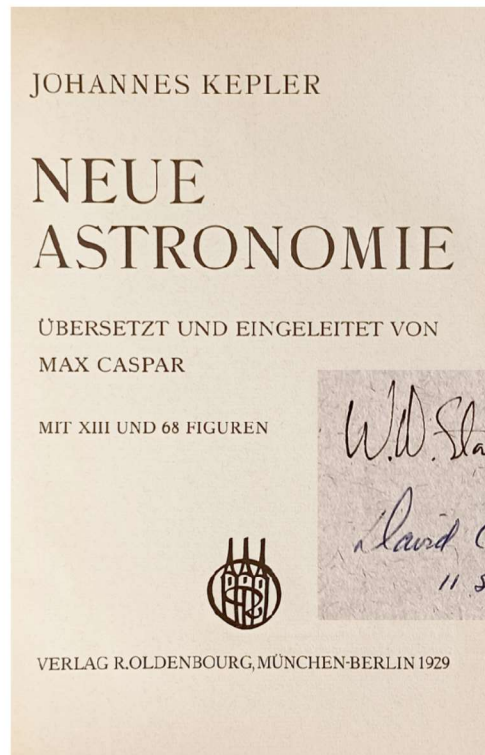
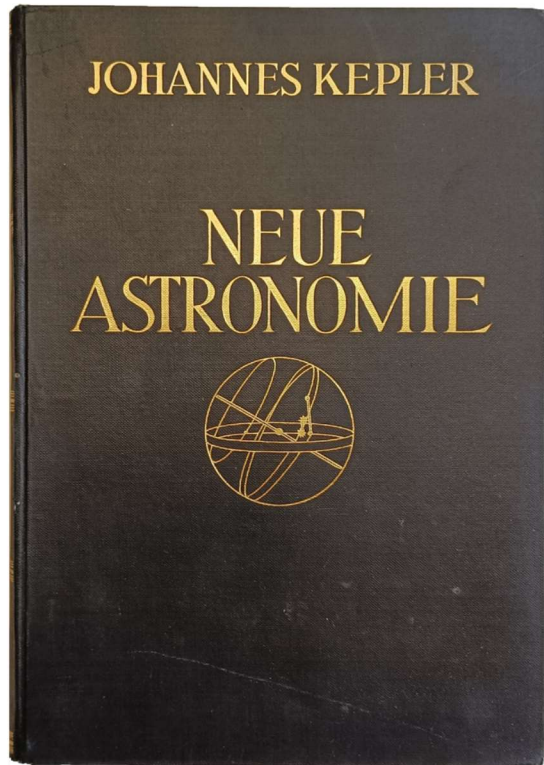
Obed Hussey's most notable invention was a reaping machine, patented in 1833. The author presented this copy to the New Hampshire Historical Society (with the Society's bookplate). See also: Steward, John F. *The Reaper: A History of the Efforts of Those Who Justly May Be Said to Have Made Bread Cheap*. New York: Greenberg, 1931.



1389 **JASANOFF, Sheila; Gerald E. MARKLE; James C. PETERSON; & Trevor PINCH** (eds.). *Handbook of science and technology studies*. Thousand Oaks, Calif.: Sage Publications, 1995. ¶ Thick 8vo. xv, 820 pp. Black cloth, gilt-stamped spine title, dust jacket. Burndy bookplate. Fine. Scarce. [Also issued in wrappers, this is the hardcover issue with jacket].

\$ 50

Sheila Jasanoff is Pforzheimer Professor of Science and Technology Studies, Harvard University Kennedy School of Government. "A pioneer in her field, she has authored more than 120 articles and chapters and is author or editor of more than 15 books, including *The Fifth Branch*, *Science at the Bar*, *Designs on Nature*, and *The Ethics of Invention*. Her work explores the role of science and technology in the law, politics, and policy of modern democracies. She founded and directs the STS Program at Harvard; previously, she was founding chair of the STS Department at Cornell. She has held distinguished visiting appointments at leading universities in Europe, Asia, Australia, and the US. Jasanoff served on the AAAS Board of Directors and as President of the Society for Social Studies of Science. She is a member of the Council on Foreign Relations. Her honors include a Guggenheim Fellowship, the University of Ghent Sarton Chair, an Ehrenkreuz from the Government of Austria, and membership in the Royal Danish Academy. She holds AB, JD, and PhD degrees from Harvard, and an honorary doctorate from the University of Twente." [Author].



2926 **KEPLER, Johannes** (1571-1630). *Neue Astronomie Übersetzt Und Eingeleitet Von Max Caspar*. Munchen & Berlin: R. Oldenbourg, 1929. ¶ 4to. 66*, 416 pp. XIII + 68 diagrams; occasional pencil marginalia by Lindberg. Black gilt-stamped cloth; rear hinge cracked. Ink ownership signatures of William Duane Stahlman and David C. Lindberg. Very good +.

\$ 85

German edition of Kepler's *Astronomia nova*, first published in 1609, the first modern astronomy book. In this work, Kepler bypassed ancient conceptions of order and harmony to focus on the true movements of the planets and the mathematical and physical laws governing them. It is Kepler's most important work and one of "the most decisive cosmological books of the world." - Armitage. Armitage, *John Kepler*, pp. 67-75; Caspar, *Bibliographia Kepleriana* 159; *DSB*, VII, pp. 289-312.

¶ **PROVENANCE:** Dr. William D. Stahlman, 51, of Madison, Wis., a professor at the University of Wisconsin and a former faculty member at Massachusetts Institute of Technology and Harvard University, died at his residence Thursday (March 27, 1975). He was teaching the history of science at the University of Wisconsin at the time of his death. He wrote a paper for *ISIS*, "Astronomical Dating Applied to a Type of Astrological Illustration," (1956). He wrote with Owen Gingerich, *Solar and Planetary Longitudes for Years -2500 to +2000 by 10 Day Intervals*, 1963. . – David Charles Lindberg (1935-2015) was an American historian of science. His main focus was on the history of medieval and early modern science (especially early Arabian optics), especially physical science and the relationship between religion and science. He also served as president of the History of Science Society and in 1999 was recipient of its Sarton medal.

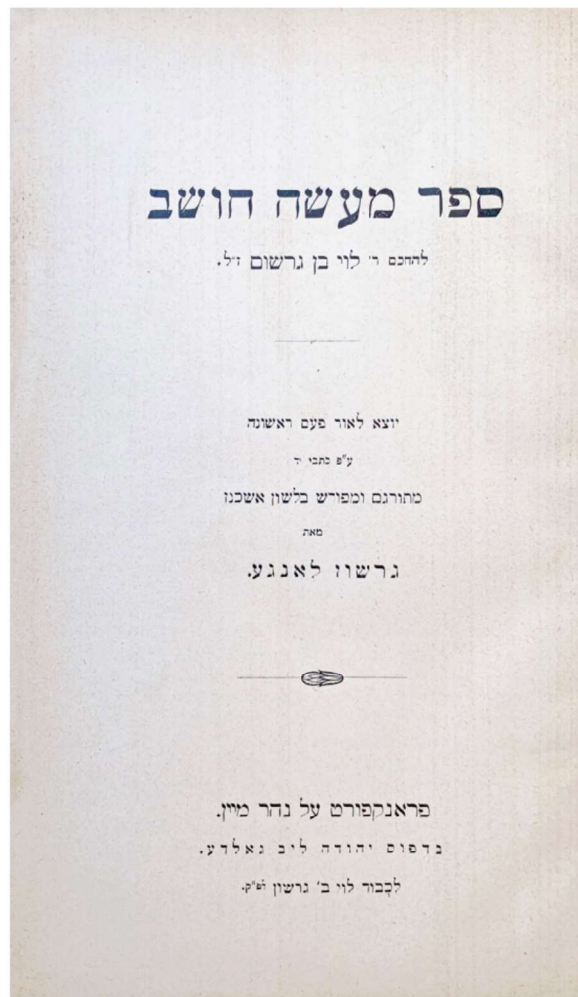
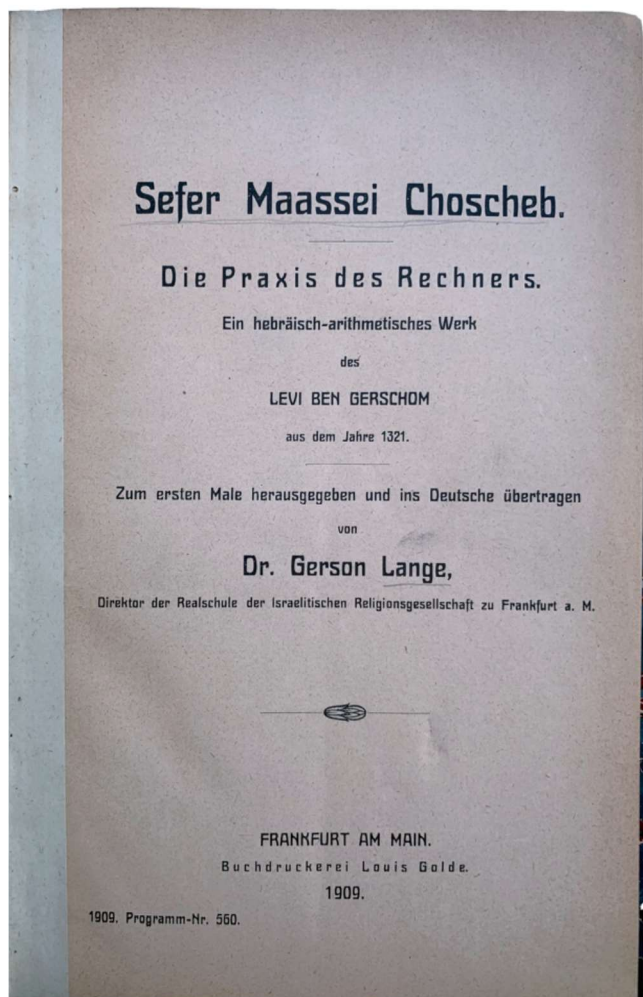


2927 **KEPLER, Johannes** (1571-1630). *Welt-Harmonik; Übersetzt und eingeleitet von Max Caspar*. München: R. Oldenbourg, 1967. ¶ 4to. 56*, 403 pp. Diagrams. Black gilt-stamped cloth. Ink ownership signatures of William Duane Stahlman and David C. Lindberg. Very good +.

\$ 65

Reprinted from the 1939 edition. Kepler on *Harmonices Mundi*, or, The Harmony of the World, (1619), translated by Caspar.

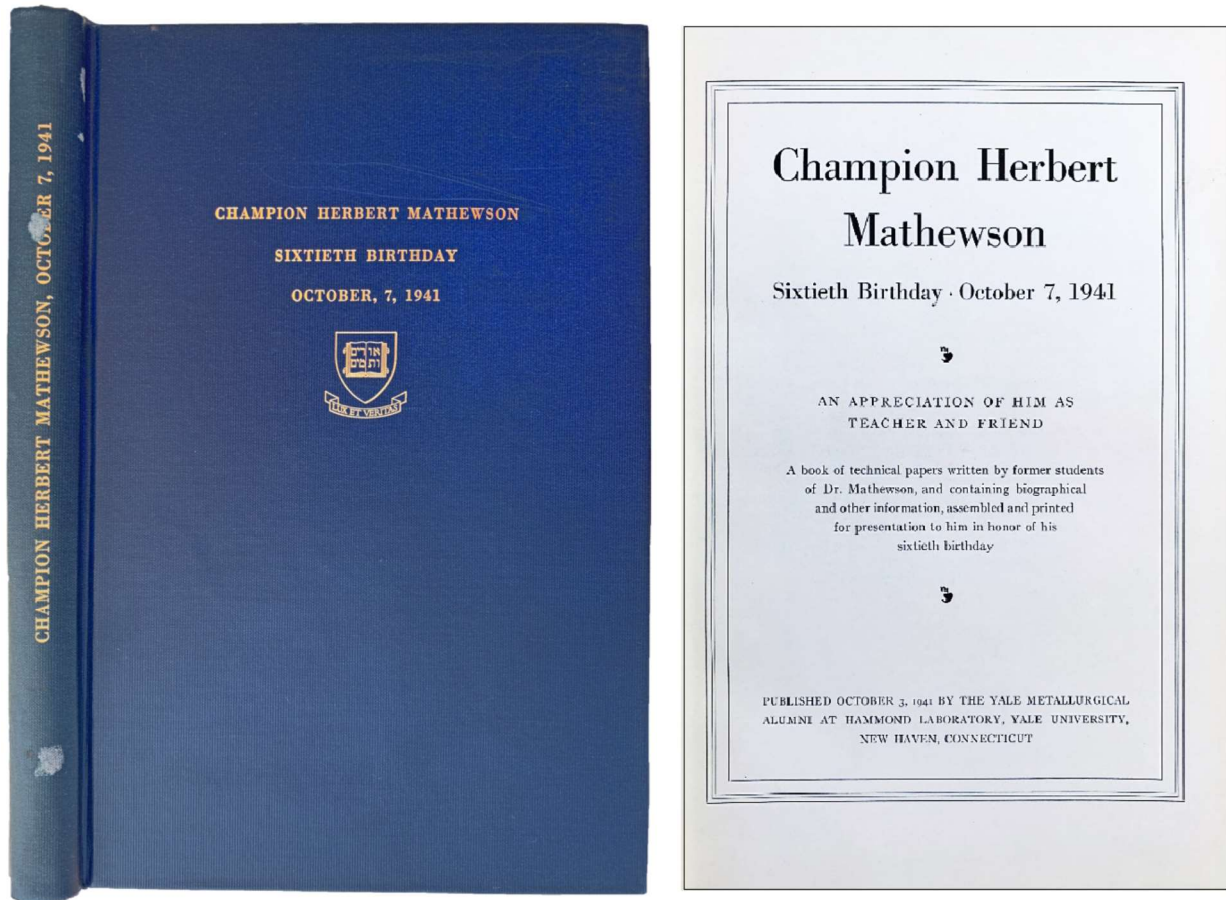
¶ **PROVENANCE:** Dr. William D. Stahlman, 51, of Madison, Wis., a professor at the University of Wisconsin and a former faculty member at Massachusetts Institute of Technology and Harvard University, died at his residence Thursday (March 27, 1975). He was teaching the history of science at the University of Wisconsin at the time of his death. He wrote a paper for *ISIS*, "Astronomical Dating Applied to a Type of Astrological Illustration," (1956). He wrote with Owen Gingerich, *Solar and Planetary Longitudes for Years -2500 to +2000 by 10 Day Intervals*, 1963. – David Charles Lindberg (1935-2015) was an American historian of science. His main focus was on the history of medieval and early modern science (especially early Arabian optics), especially physical science and the relationship between religion and science. He also served as president of the History of Science Society and in 1999 was recipient of its Sarton medal.



1458 **Levi ben Gershom [GERSONIDES]** [also: **Gershon**] (1288-1344); **LANGE, Gerson** (1868-1923) (ed.). *Sefer Maassei Chosheb. Die Praxis des Rechners. Ein hebräisch-arithmetisches Werk des Levi Ben Gerschom aus dem Jahre 1321*. Frankfurt am Main: Louis Golde, 1909. ¶ 8vo. xiv, 139, 100 pp. In German and Hebrew. Quarter black cloth with marbled paper boards, manuscript title info on spine label; inner hinges mended with tape repair (performed neatly). Burndy bookplate. Very good. Rare.

\$ 100

Levi ben Gershom, better known by his Graecized name as Gersonides, or by his Latinized name Magister Leo Hebraeus, or in Hebrew by the abbreviation of first letters as RaLBaG, was a medieval French Jewish philosopher, Talmudist, mathematician, physician and astronomer/astrologer. "Lange (1909) completed a critical edition of Maaseh Hoshev with a translation to German in 1909, but the last section of problems is completely missing, and other minor omissions were caused by Lange's lack of access to all the extant manuscripts. A critical edition of the problem section appears in Simonson (forthcoming)." – Shai Simonson, "The Mathematics of Levi ben Gershom." *Mathematics Teacher*, Vol. 93, No. 8, November 2000. Dr. Gerson Lange, Leader of the Rabbinate in Warburg, Germany & later Director of School of R. Samson Raphael Hirsch in Frankfurt am Main.



1463 [MATHEWSON, Champion Herbert (1881-1972)] *The Yale Metallurgical Alumni. Champion Herbert Mathewson, Sixtieth Birthday, October 7, 1941. . . A Book of Technical Papers Written by Former Students of Dr. Mathewson, and Containing Biographical and Other Information, Assembled and Printed for Presentation to Him in Honor of His Sixtieth Birthday.* New Haven: Yale Metallurgical Alumni, 1941. ¶ 8vo. xxxi, 184 pp. Frontis., illustrations, figs., tables. Blue cloth, gilt-stamped cover and spine titles; a few scuffs to spine, else very good. Burndy bookplate.

\$ 28

SIGNED BY CYRIL STANLEY SMITH. Mathewson was a "pioneer of modern physical metallurgy in this country, who laid much of the foundation of our understanding of the working and annealing of metals. His impact on science, both through his own work and even more through his students who now occupy key positions in industry and universities, can scarcely be overestimated. For his contributions and his influence, he may well be regarded as the Dean of American metallurgists."

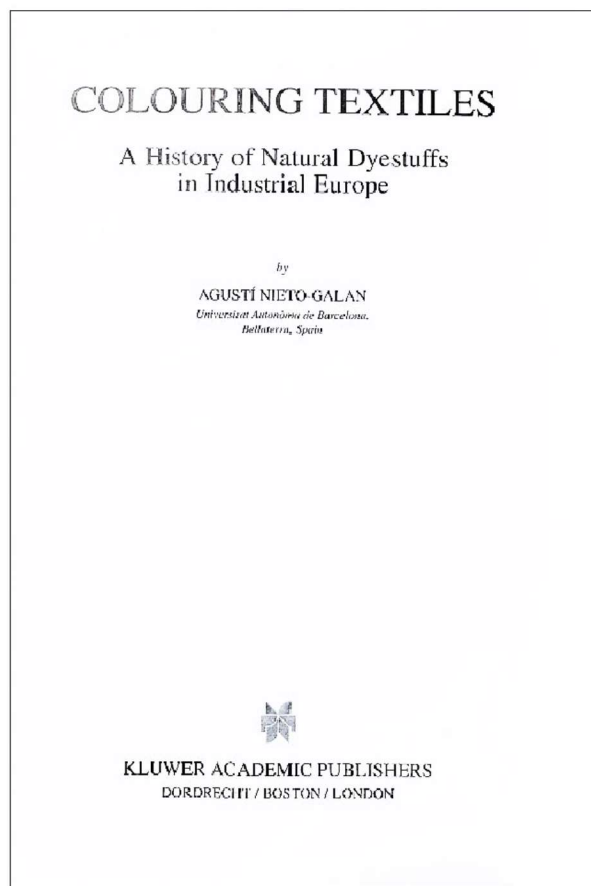
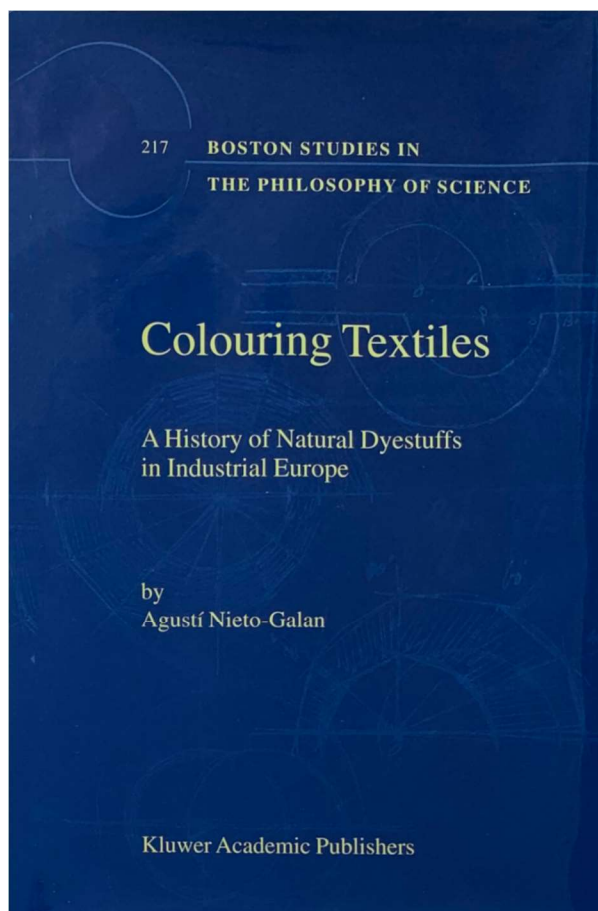
Champion Herbert Mathewson was born in 1881 in Essex, Conn. From Yale University he received a Ph.B. and later an honorary D.Sc. From Gottingen University he received an M.A. and Ph.D. From 1904 to 1906 he was Austin Fellow of M.I.T. where he was successively Assistant Instructor in Chemistry, 1902-1904, and Instructor in 1906-1907.

From 1907 to 1950 he was on the Faculty at Yale University, serving as Instructor, Assistant Professor, and Professor of Metallurgy and Metallography. He has been Emeritus Professor since 1950.

At various times Dr. Mathewson has been Metallurgical Consultant for the New Jersey Zinc Co., the Scovil Manufacturing Co., the Chase Copper and Brass Co., and the Bell Telephone Laboratories.

He has been active on many technical committees of chemical and engineering societies. From 1941-1947 he was a member of the Nonferrous Metallurgical Advisory Board of the U. S. Ordnance Department, operating at the Frankford Arsenal. He is the author of numerous publications on constitution and plastic deformation of metals and alloys, and Editor of Modern Uses of Nonferrous Metals, published by AIME.

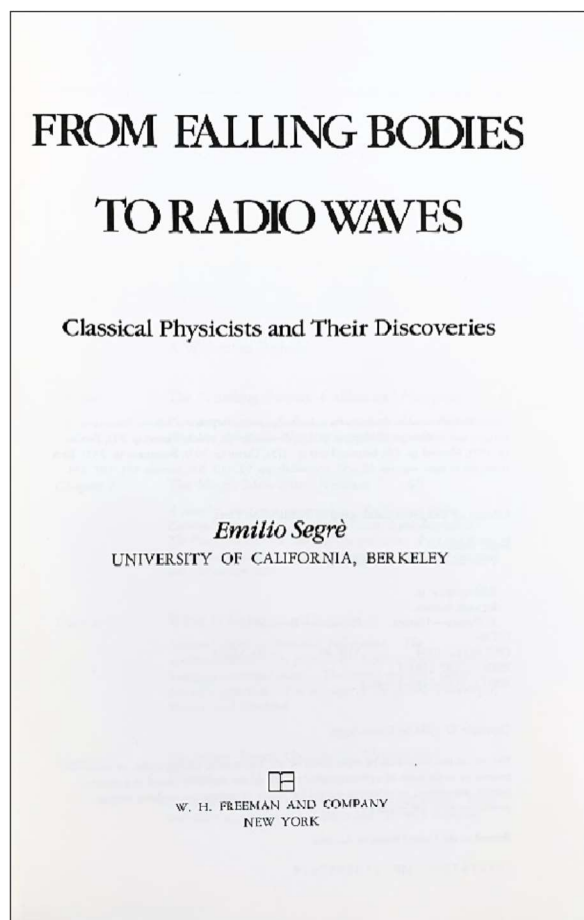
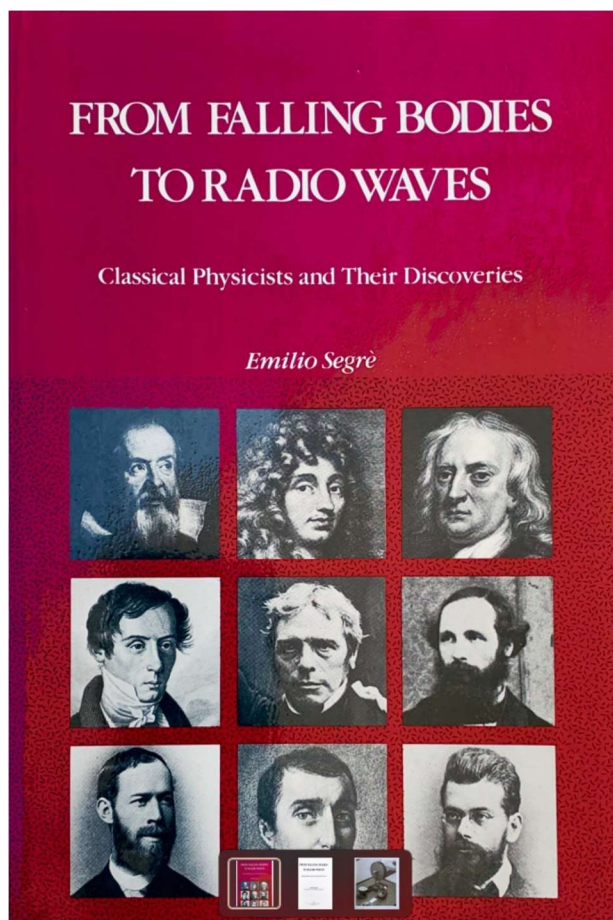
Dr. Mathewson received the James Douglas Medal from AIME and the Gold Medal of the American Society for Metals. AIME has also honored him in the creation of the Mathewson Gold Medal, for meritorious research publication. He was Chairman of the Institute of Metals Division, AIME, in 1932; Institute of Metals Division Lecturer in 1928; and President of AIME in 1943. Also, in 1943, he was Campbell Memorial Lecturer for the American Society for Metals. [AIME]



1405 **NIETO-GALAN, Agustí.** *Colouring textiles: a history of natural dyestuffs in industrial Europe.* Dordrecht [Netherlands] ; Boston: Kluwer Academic, 2001. ¶ Series: Boston Studies in the Philosophy of Science, 217. 8vo. xxv, 246 pp. 30 figs., bibliog., index. Blue cloth, gilt-stamped spine title, dust jacket. Burndy bookplate. Fine. Rare.

\$ 50

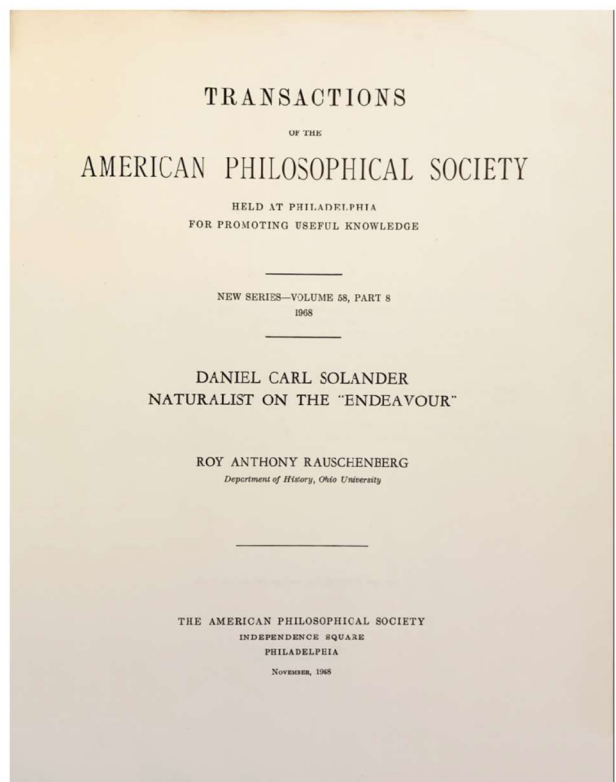
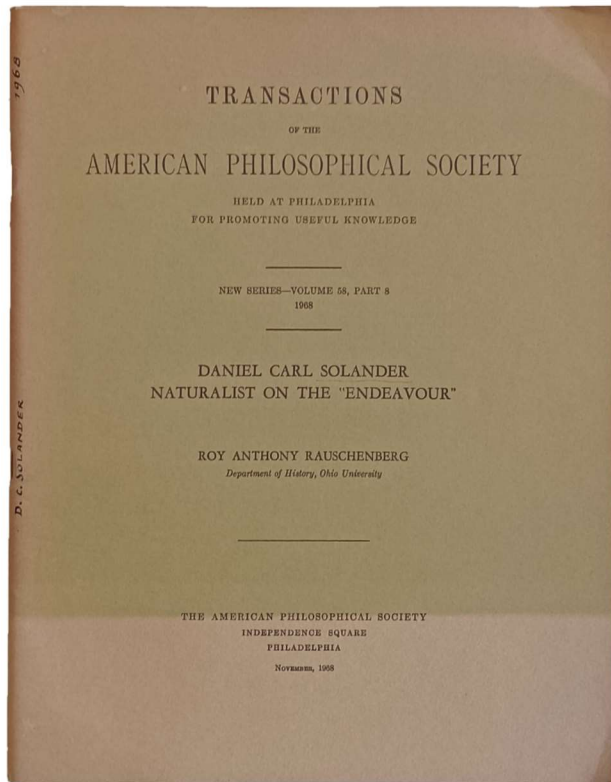
Agusti Nieto-Galan is a professor of History of Science, and Director of the Centre d'Historia de la Ciencia (CEHIC) at the Universitat Autònoma de Barcelona (UAB). He has written widely on the history of chemistry and natural dyestuffs, and on the history of science popularization (eighteenth to twentieth centuries).



1422 **SEGRE, Emilio** (1905-1989). *From falling bodies to radio waves: classical physicists and their discoveries*. New York: W.H. Freeman, 1984. ¶ 8vo. x, 298 pp. Figs., bibliog., index. Printed wrappers. Burndy bookplate. Fine.

\$ 10

Emilio Gino Segre, an "Italian-American physicist and Nobel laureate, who discovered the elements technetium and astatine, and the antiproton, a subatomic antiparticle, for which he was awarded the Nobel Prize in Physics in 1959." [Wikip.]



2774 [SOLANDER, Daniel Carl (1733-1782)] Roy Anthony RAUSCHENBERG (1929-2011). *Daniel Carl Solander, Naturalist on the "Endeavour."* Philadelphia: American Philosophical Society, November 1968. ¶ Series: *Transactions of the American Philosophical Society*; Held at Philadelphia for Promoting Useful Knowledge; New Series – Volume 58, Part 8, 1968. 30 cm. 66 pp. Bibliography, index. Green printed wrappers; covers faded, neatly inked name and date on joint, SOLANDER underlined in ink, corner rubbed. Burndy bookplate. Very good.

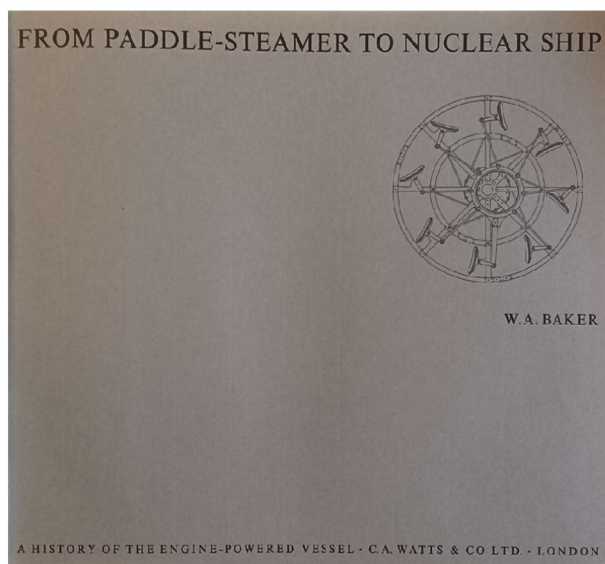
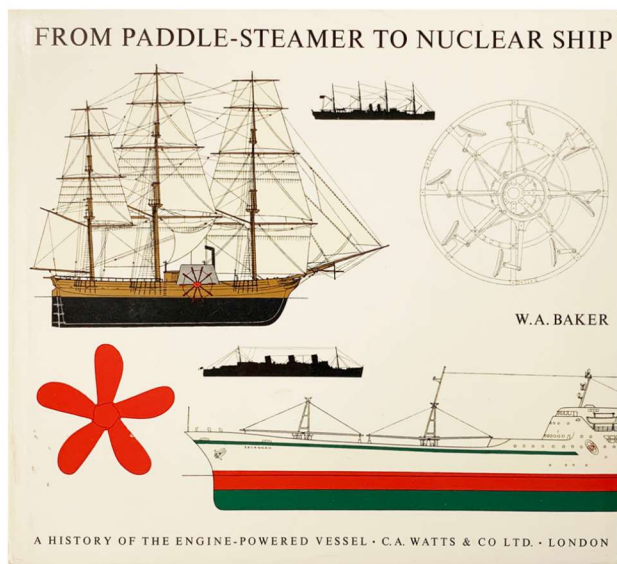
\$ 10

Daniel Carlsson [Charles] Solander was a Swedish naturalist and an apostle of Carl Linnaeus. "Solander's reputation has been profoundly influenced by his limited number of publications and his premature death. Although he had detailed descriptions prepared for most of the botanical specimens he collected on the Endeavour voyage, in deference to Joseph Banks, Solander held off publication waiting for the completion of over 700 engravings. However, after Solander's death, Banks, now President of the Royal Society, failed to publish his projected Florilegium. Had he done so, he would have secured Solander's posthumous reputation. It has been claimed that Banks treated Solander, and Jonas Dryander, as his servants rather than as botanists of equal standing to others in the botanical establishment. However, Banks clearly had a strong emotional bond with Solander, met his expenses and even supported his relatives in Sweden." [Wikip.].

□ Ships



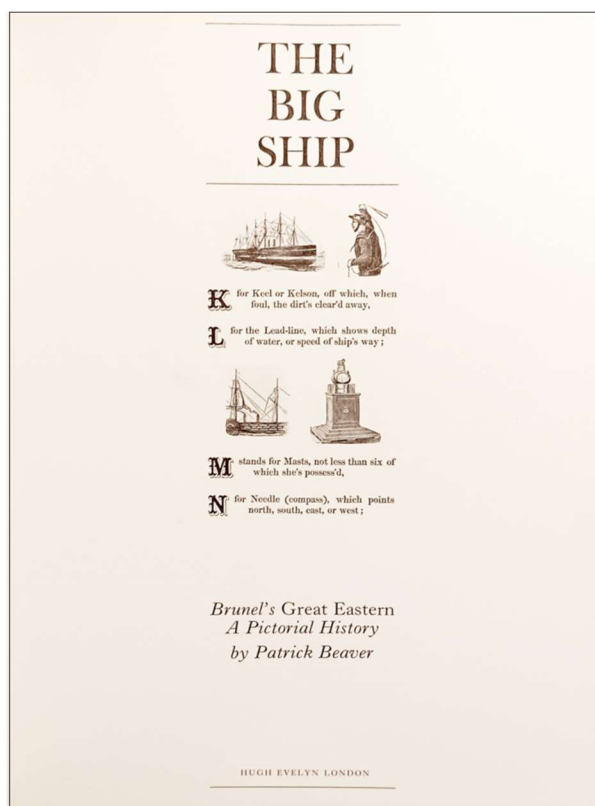
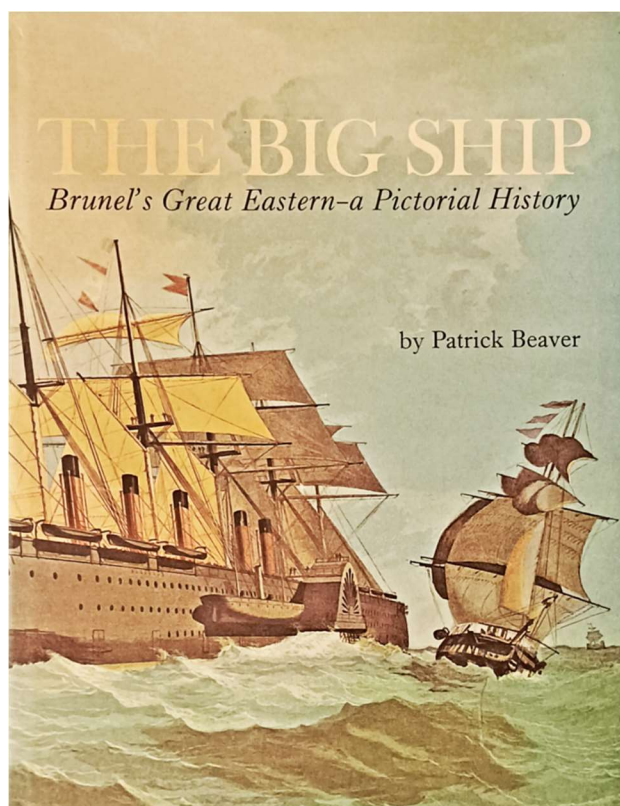
2799 **ANDERSON, George.** *Destroyers in the United States Navy [or]; 60 Years of Destroyer Growth, 1902-1962.* Washington D.C.: U.S. Government Printing Office, Naval History Division, 1962. ¶ 27 cm. 40 pp. Illus. Pictorial self-printed wrappers. Burndy Bookplate. Fine. \$ 6.95



2124 **BAKER, William Avery** (1911-1981). *From Paddle-Steamer to Nuclear Ship: A History of the Engine-Powered Vessel*. London: C.A. Watts, 1965. ¶ Large oblong 8vo. 267 pp. Nicely illustrated (with color), index. Red cloth, black stamped cover illustration and spine title, dust-jacket; jacket a bit worn. Burndy bookplate. Very good.

\$ 18

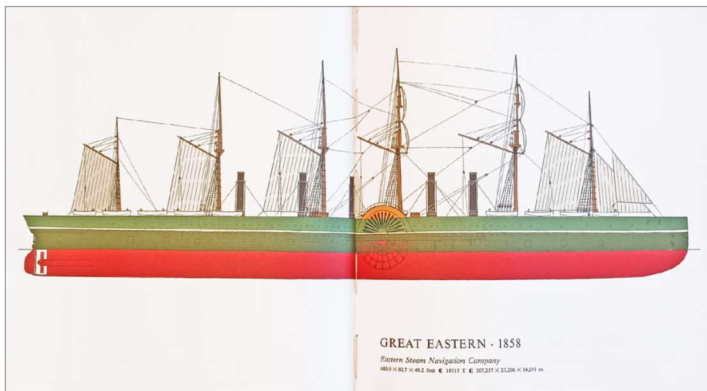
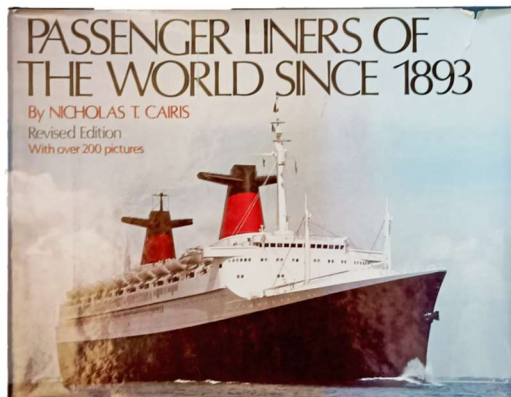
William Avery Baker was a distinguished naval architect of replica historic ships and a maritime historian, who was curator of the Francis Russell Hart Nautical Museum at Massachusetts Institute of Technology 1963–1981.



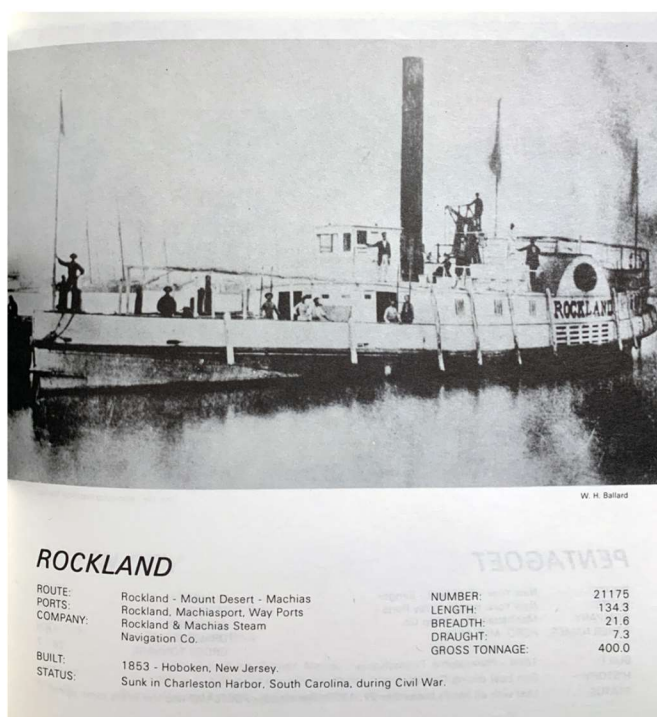
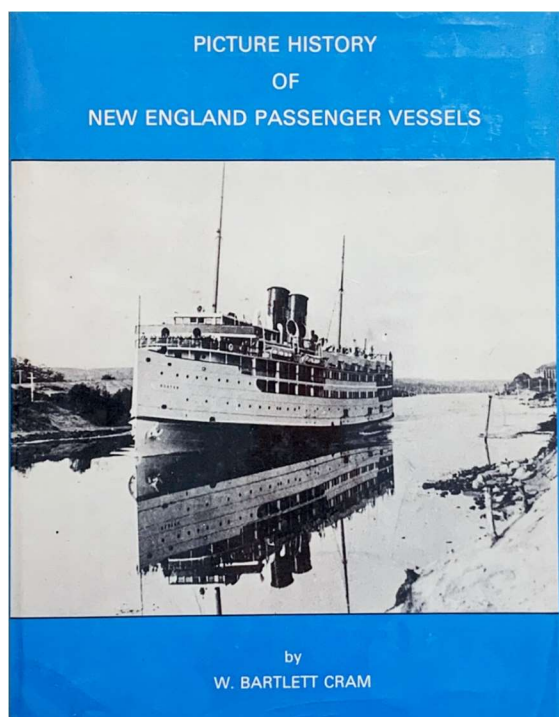
2267 **BEAVER, Patrick**. *The Big Ship: Brunel's Great Eastern, a Pictorial History*. London: Hugh Evelyn, 1969. ¶ FIRST EDITION. 4to. 136 pp. Photos and illustrations. Beige cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 15

Story of the legendary "Great Eastern" built by Isambard Kingdom Brunel of England.



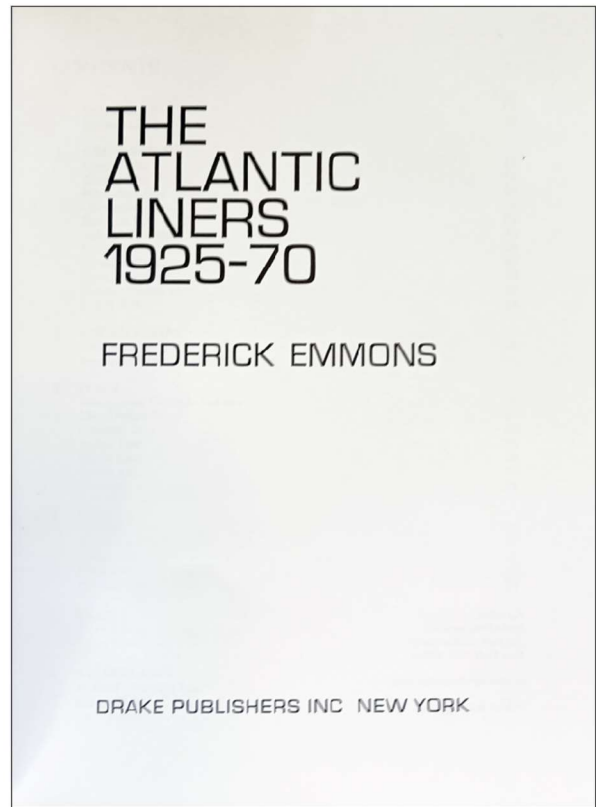
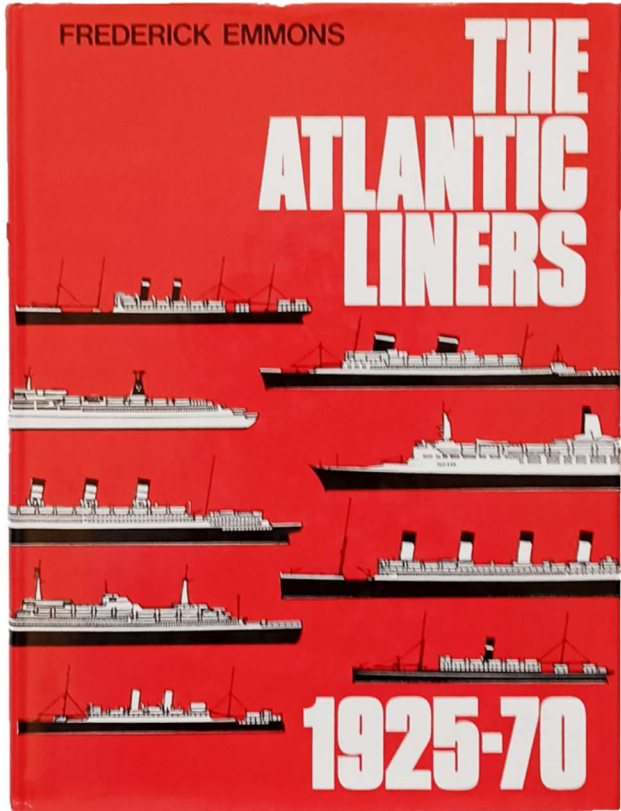
2620 **CAIRIS, Nicholas T.** *Passenger Liners of the World Since 1893. Revised edition.* New York: Bonanza Books, 1979. ¶ 220 x 282 mm. 8vo. 226 pp. Index. Quarter black cloth with boards, dust jacket. Very good. \$ 6.95



2358 **CRAM, W. Bartlett.** *Picture History of New England Passenger Vessels.* Hampden Highlands: Burntcoat, 1980. ¶ FIRST EDITION. 4to. x, 414 pp. Illustrations, index. Blue paper boards, gilt-stamped spine title, dust-jacket; jacket lightly rubbed with a few small tears; light wear to bottom paper spine end. Burndy bookplate. SIGNED. Very good.

\$ 12

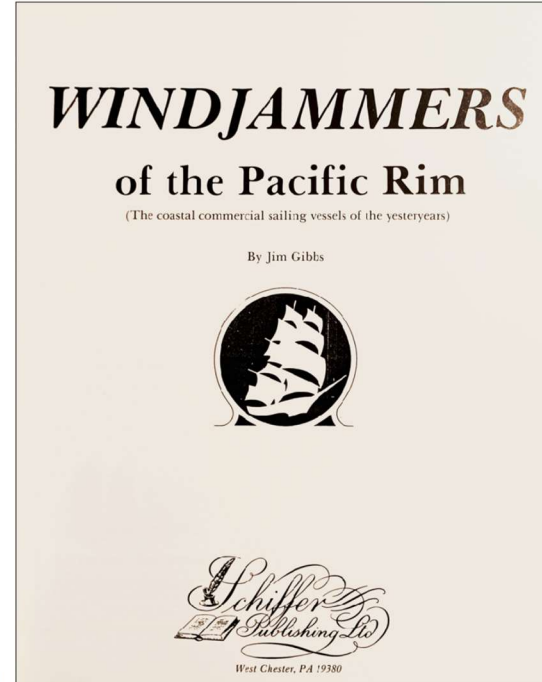
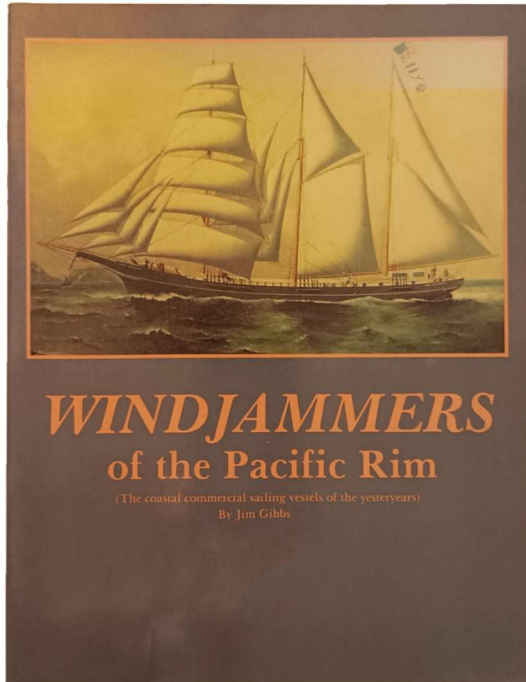
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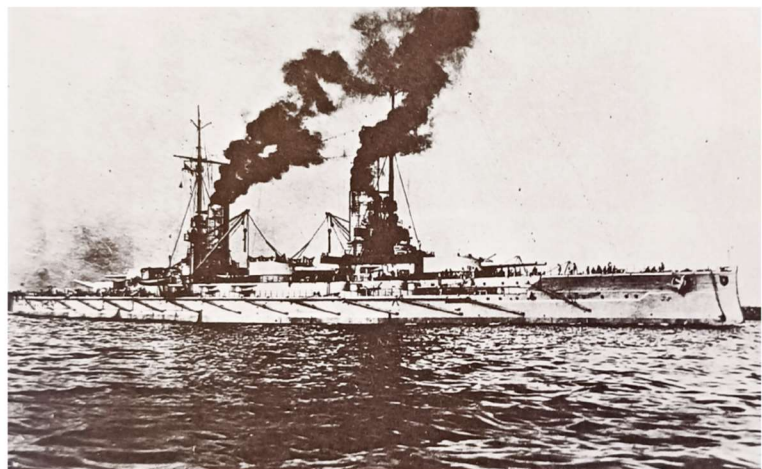
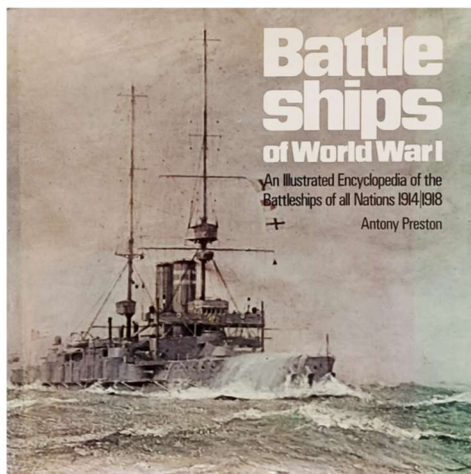
2813 **EMMONS, Frederick.** *The Atlantic Liners 1925-70.* New York: Drake, 1972. ¶
8vo. 160 pp. Illus., appendix, index. Gilt-stamped dark brown cloth, dust jacket;
gutter slightly bumped, otherwise fine. \$ 6.95



[GIBBS]

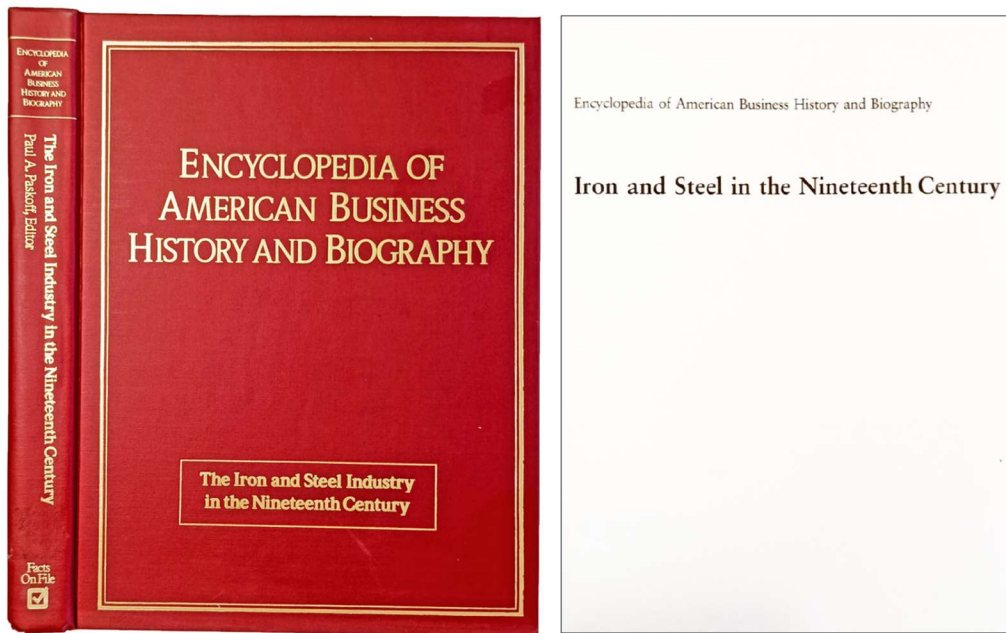


2288 **GIBBS, Jim.** *Windjammers of the Pacific Rim: The Coastal Commercial Sailing Vessels of the Yesteryears.* West Chester, PA: Schiffer, 1987. ¶ 4to. 232 pp. Frontis., photos and illustrations, index. Printed wrappers. Burndy bookplate. Fine. \$ 10

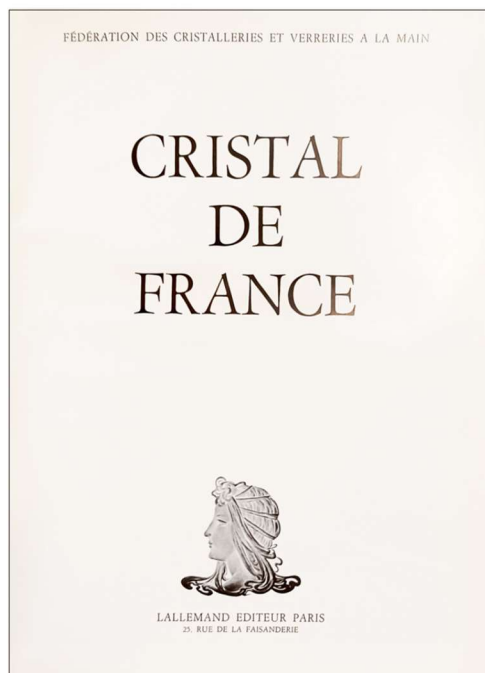


2763 **PRESTON, Antony.** *Battleships of World War I: an Illustrated Encyclopedia of the Battleships of all Nations 1914-1918.* Harrisburg: Stackpole Books, 1972. ¶ Oblong 8vo. 260 pp. Illus., folding plate between pp. 258-259, index of ship names. Black gilt-stamped cloth, dust jacket. Very good +. \$ 12

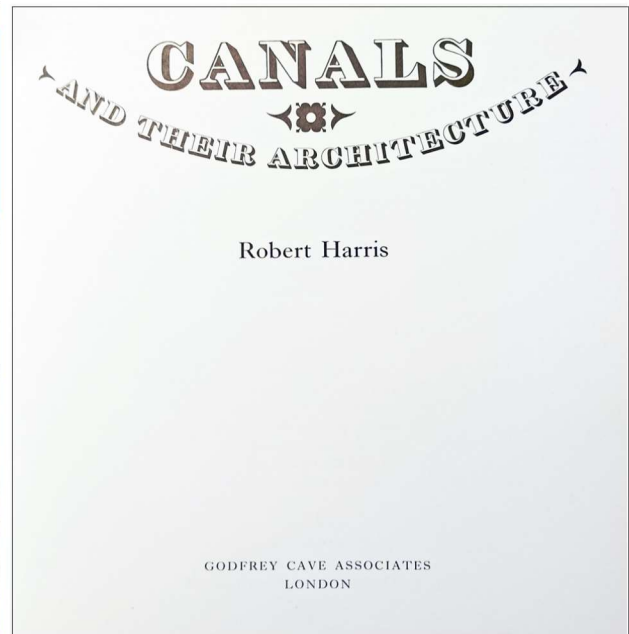
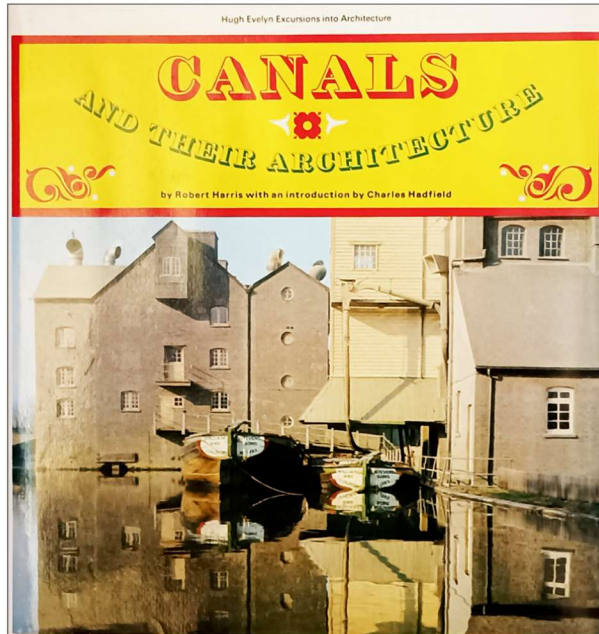
□ Technology & Scientific Instruments



- 2507 [American Metal Business History] PASKOFF, Paul F. (ed.). *Iron and Steel in the Nineteenth Century*. New York and Oxford: Facts on File, 1989. ¶ First printing. Series: *Encyclopedia of American Business History and Biography*. Tall 8vo. xxxvii, 381 pp. Photos and illustrations, tables, index. Maroon cloth, gilt-stamped cover and spine titles. Bookplate of the Burndy Library. Fine. \$ 10

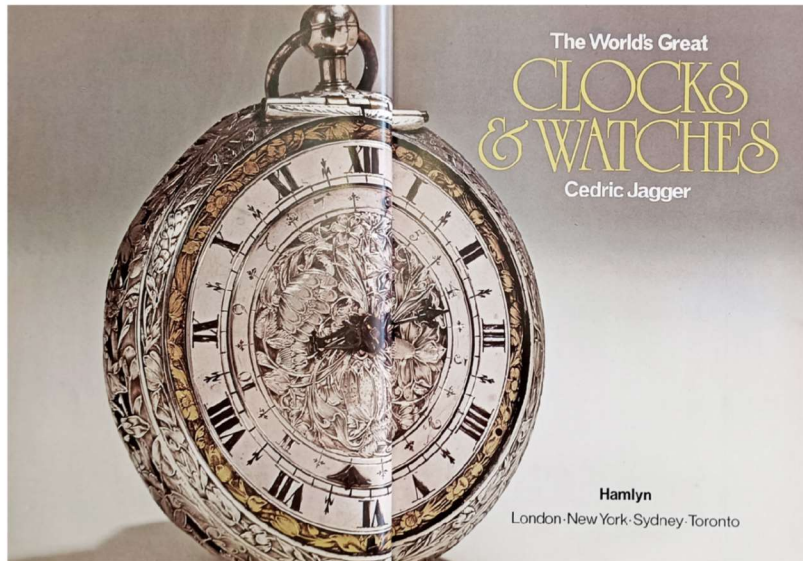
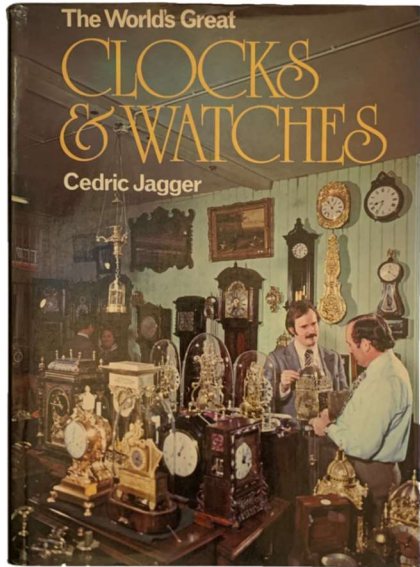


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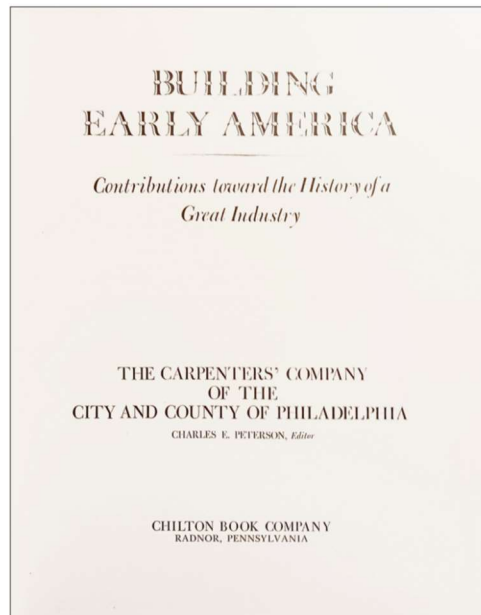
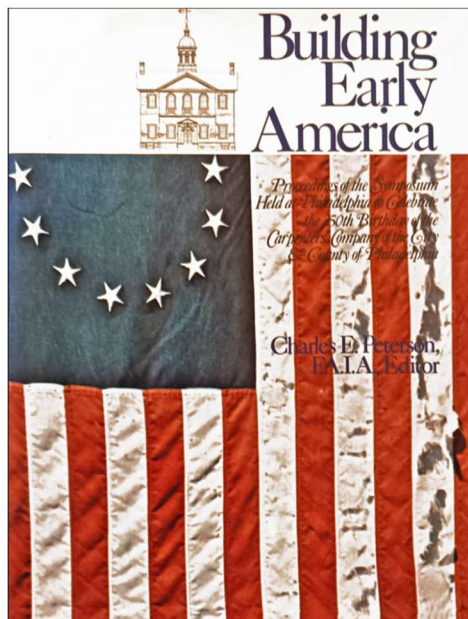


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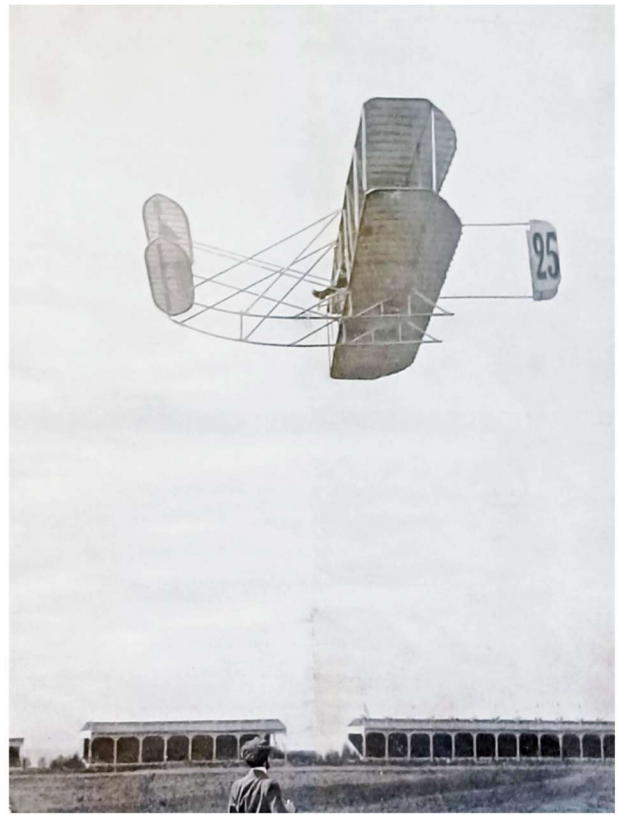


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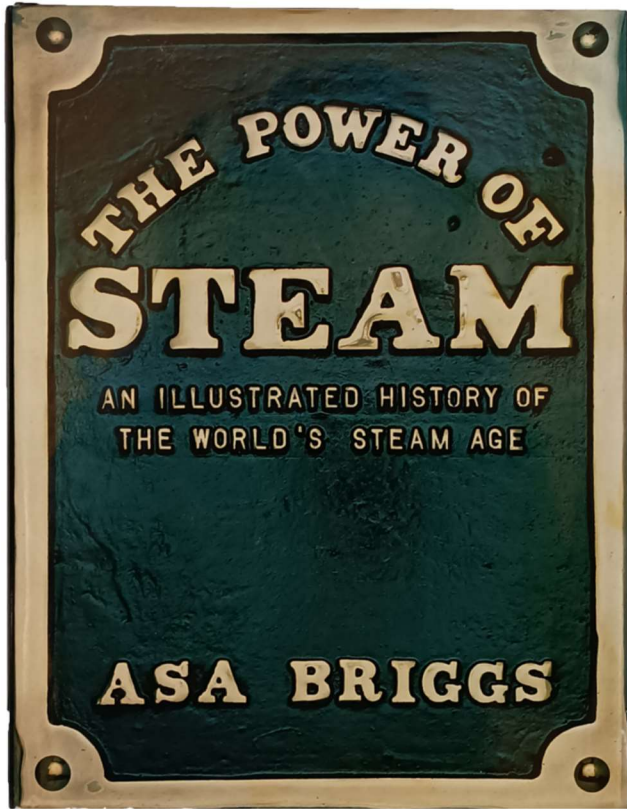
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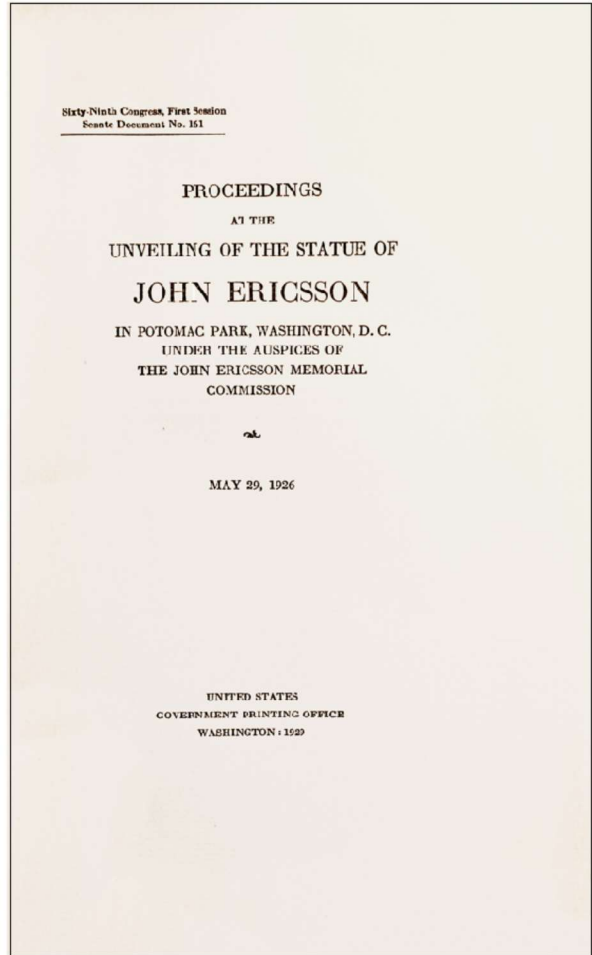
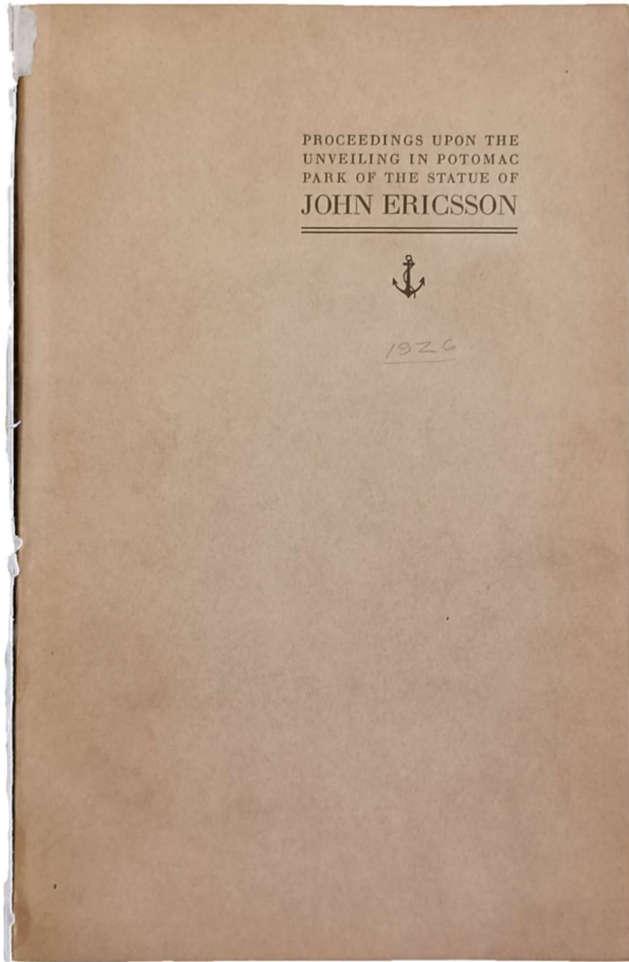


3000 [Early Aviation] August Scherl. *Aviatik*. Berlin: August Scherl, [circa 1909]. ¶
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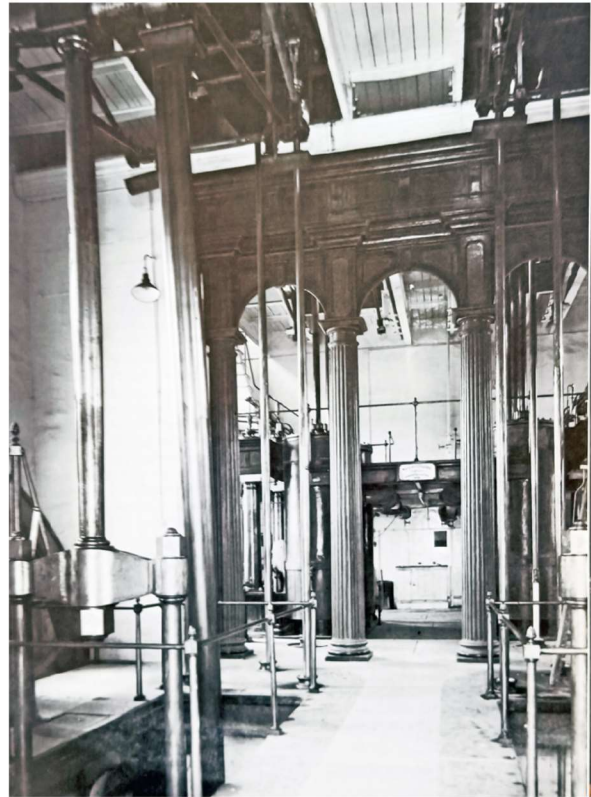
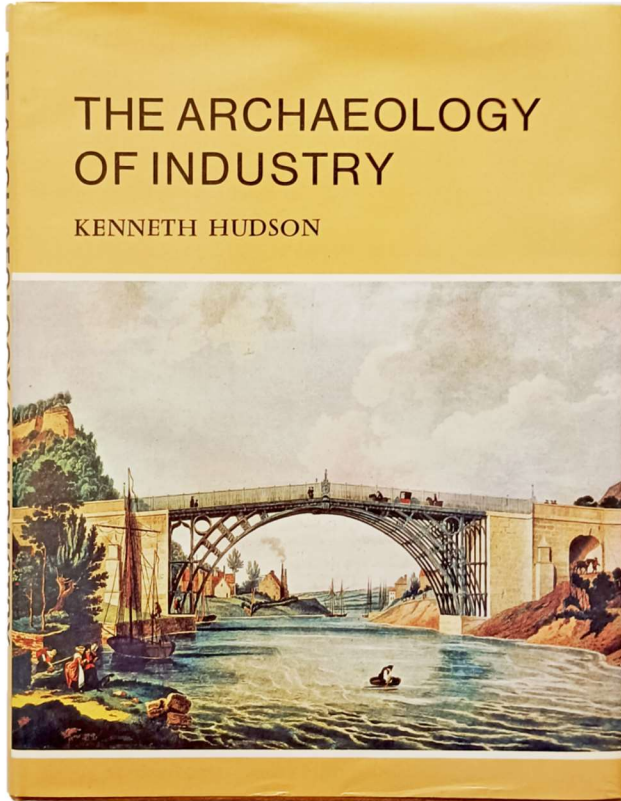
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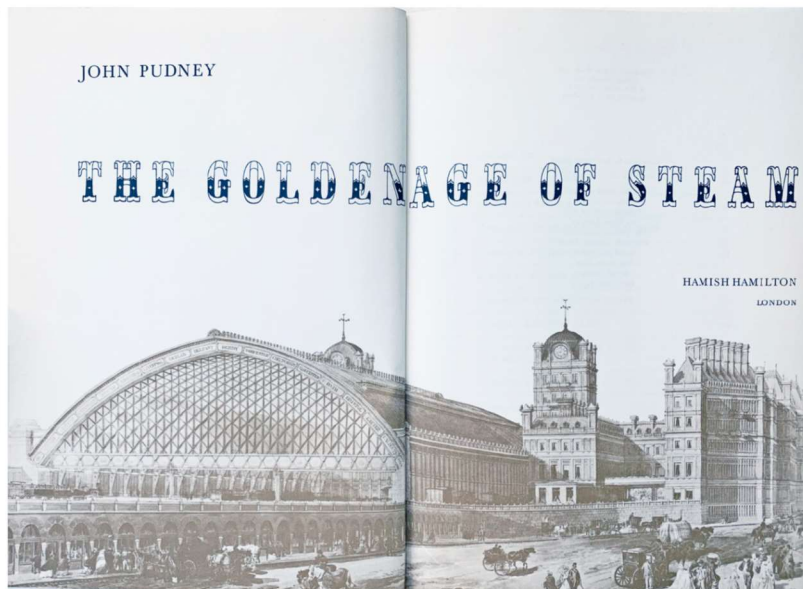
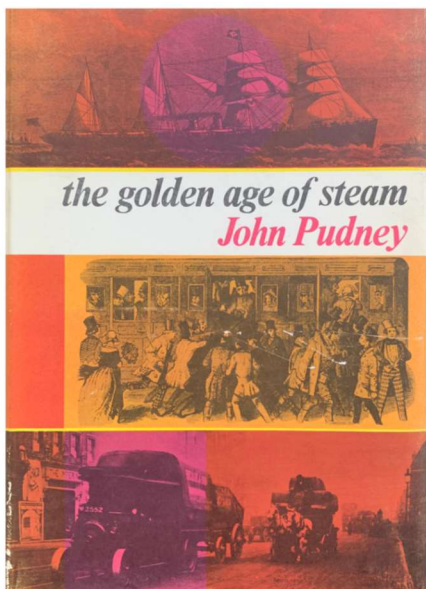
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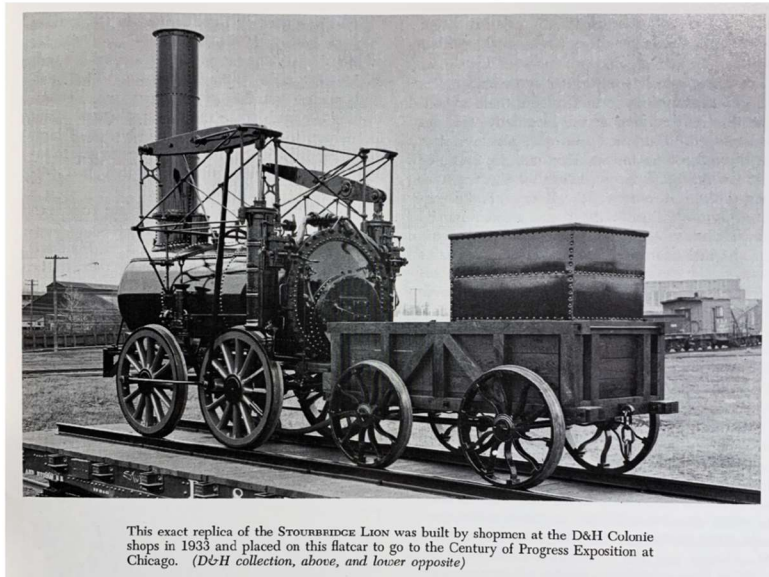
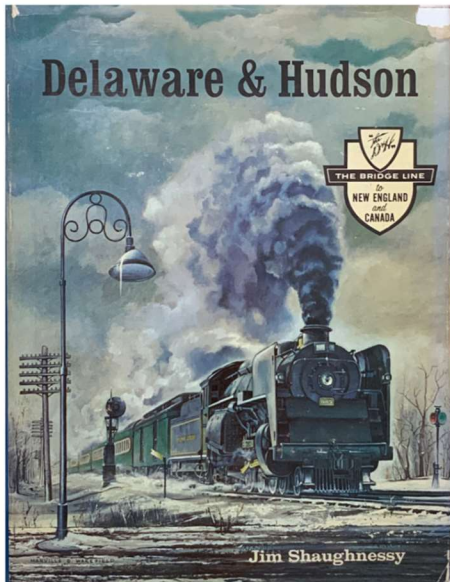
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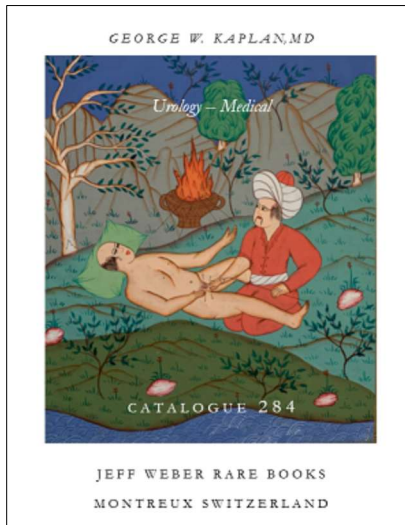
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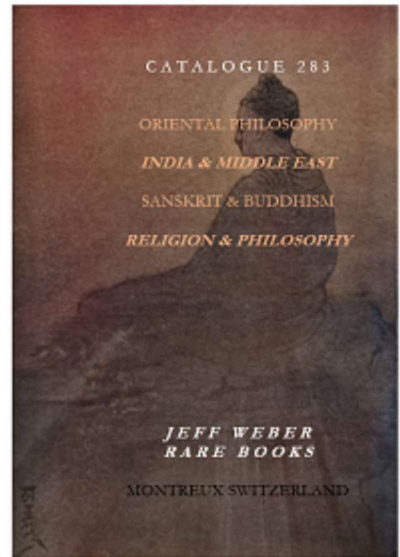


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