

CATALOGUE 297



JEFF WEBER RARE BOOKS

MONTREUX & NEUCHÂTEL SWITZERLAND



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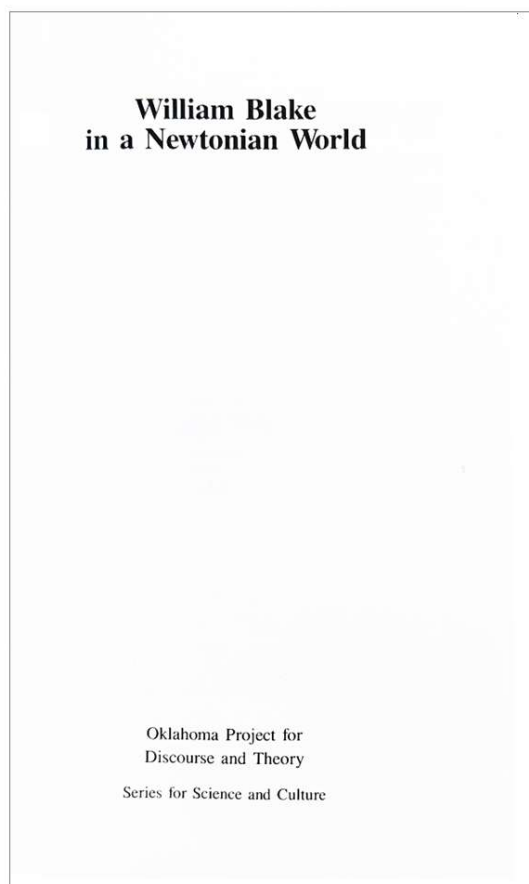
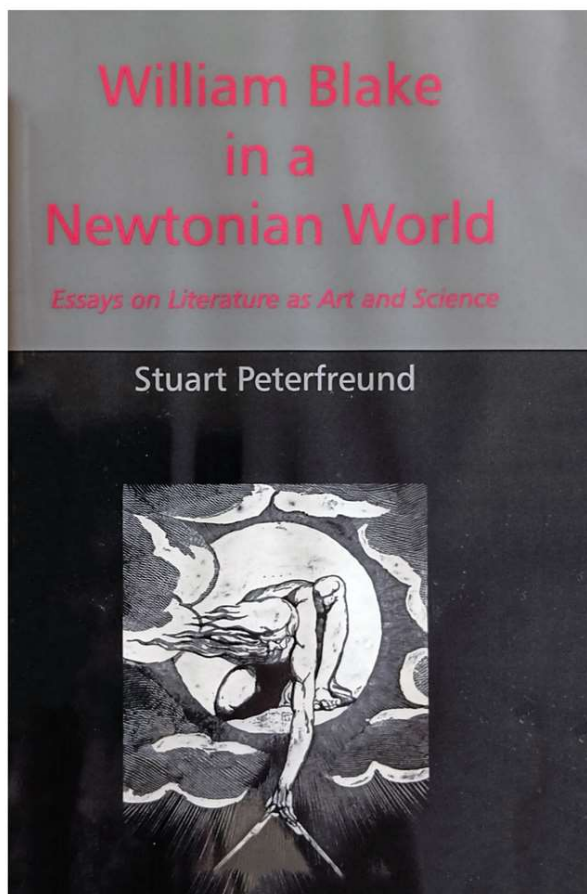
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□ ART & ART HISTORY



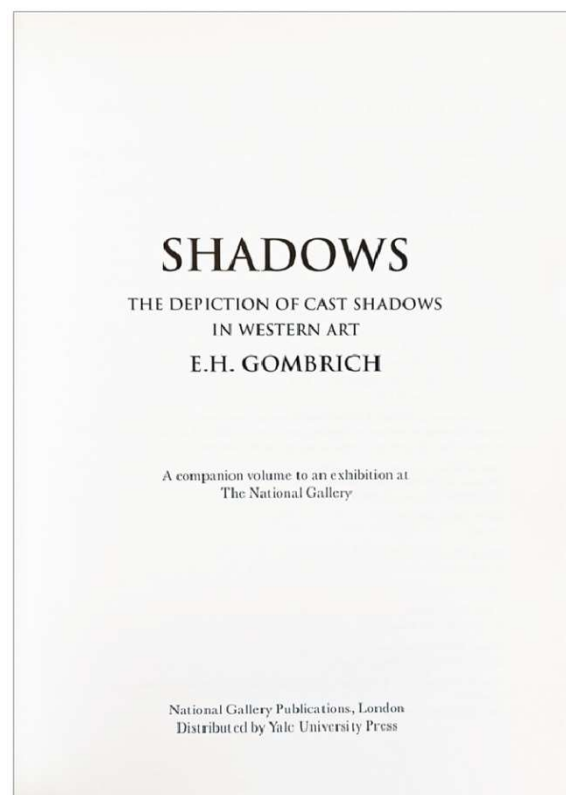
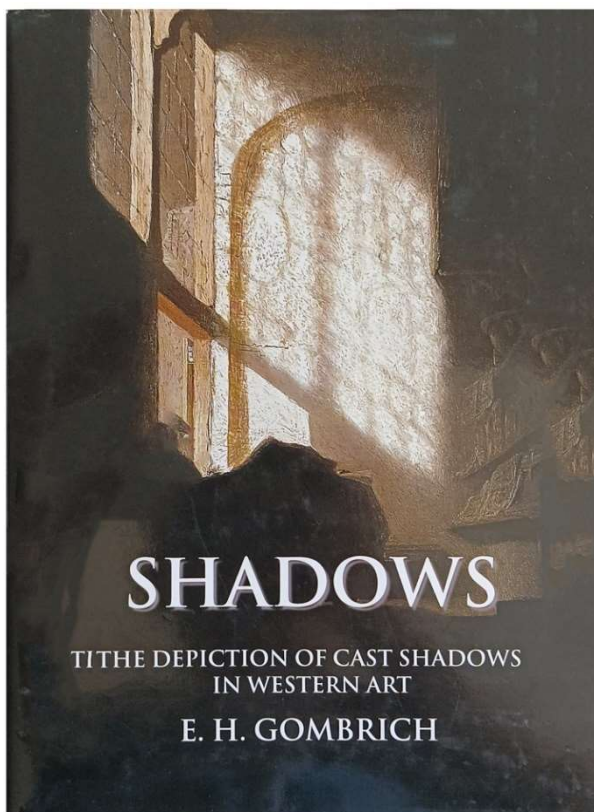
BL3640 [BLAKE, William (1757-1827)] PETERFREUND, Stuart (1945-).
William Blake in a Newtonian World; Essays on Literature as Art and Science. Norman: University of Oklahoma Press, 1998. ¶ Series:
Oklahoma Project for Discourse and Theory, Series for Science and Culture, Volume 2. 8vo.
xv, 255 pp. 8 illus., index. Original cloth, dust jacket. Burndy bookplate. Fine.

\$ 12

“Readers of William Blake have long known of his dislike of Bacon, Newton, & Locke-his ‘unholy trinity’ of thinkers who, as much as anyone in England, have come to symbolize the Enlightenment. In *William Blake in a Newtonian World*, Stuart Peterfreund assesses Blake’s relationship with various currents of the counter- Enlightenment, including religious radicalism, Freemasonry, & the growing political power of essentially self-educated radical artisans. After two decades in which cultural historians have demonstrated that Enlightenment

thinkers brought to their scientific pursuits a fair amount of cultural baggage, that era no longer seems the unquestioned exaltation of logic & rationality over superstition that it once did. Moreover, the outlines of a counter-Enlightenment tradition have begun to emerge, a tradition attacking the proposition that observation can be value-free & criticizing the cultural subtexts of a science based on such reasoning. In this thought-provoking volume, Peterfreund examines Blake's struggle against Newtonianism & its discontents as played out in both his lyric & his prophetic poetry." – David Stewart, Department of English, West Virginia University.

Stuart Peterfreund is a professor of English at Northeastern University.



BL3634 **GOMBRICH, Sir Ernst Hans Josef** (1909-2001). *Shadows, the Depiction of Cast Shadows in Western Art. A Companion Volume to an Exhibition at the National Gallery*. London: National Gallery Publications, 1995. ¶ 8vo. 64 pp. Profusely illus., including color, name index. Gilt-stamped black cloth, dust jacket. Burndy bookplate. Fine.

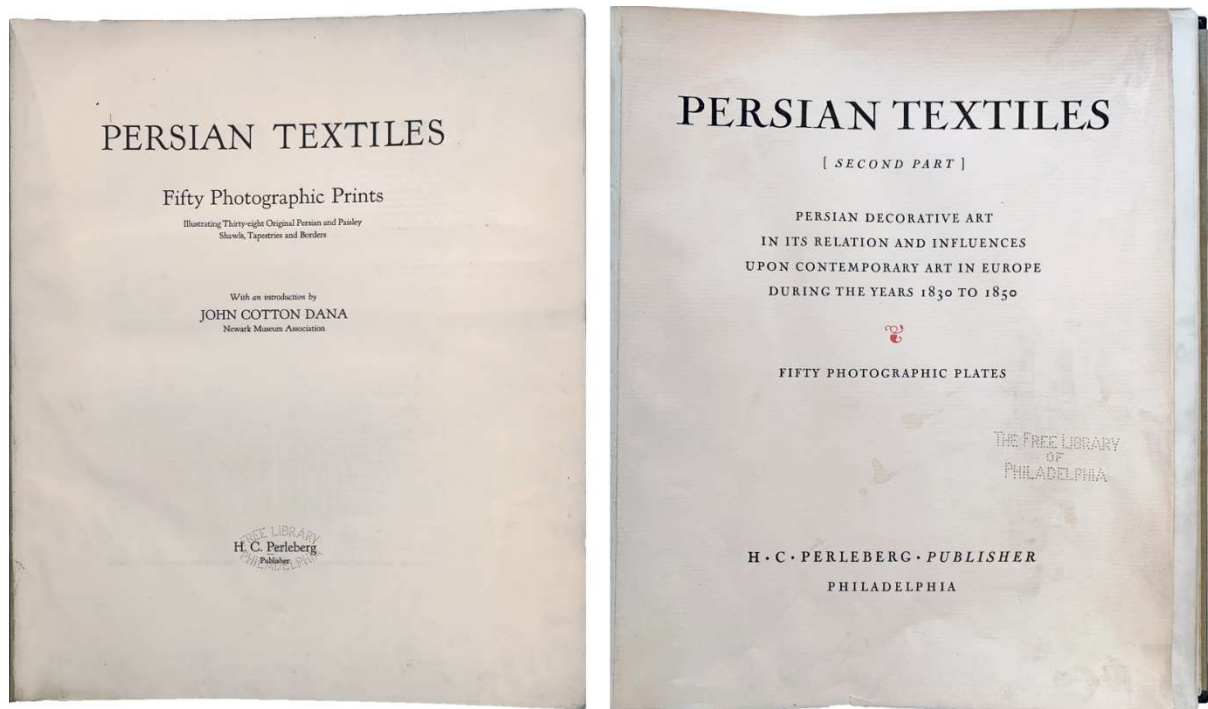
\$ 7.95

Austrian-born, E.H. Gombrich, a prominent art historian of his time, here traces how cast shadows have been depicted in Western art through the centuries. He

discusses the way shadows were represented—or ignored—by artists from the Renaissance to the 17th century and then describes how Romantic, Impressionist, and Surrealist artists exploited the device of the cast shadow to enhance the illusion of realism or drama in their representations.



[Persian Textiles]

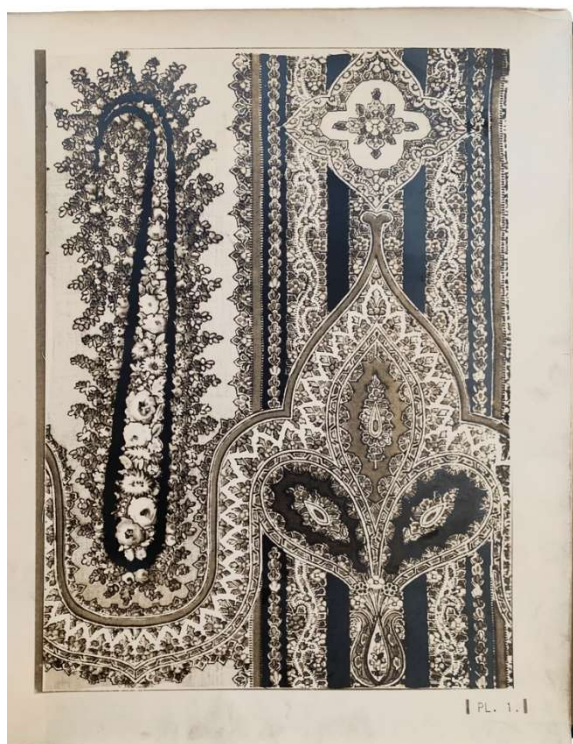


MEE1129 [PERSIAN TEXTILES] DANA, John Cotton (1856-1929); Hans Carl PERLEBERG (1875-), (Philadelphia publisher). [I] *Persian Textiles. Fifty Photographic Prints illustrating thirty-eight original Persian and Paisley shawls, tapestries and borders. With an introduction by John Cotton Dana.* WITH: [II] *Persian Textiles. [Second part]. Persian Decorative art in its relation and influences upon contemporary art in Europe during the years 1830 to 1850. Fifty Photographic Plates.* Philadelphia: H. C. Perleberg, 1919 [& ca. 1923-33]. ¶ Two volumes. Large Folio [17x15 inches (434x370 mm)] and Small folio (358x306 mm). The total of 100 photographic plates are attributed to the publisher, each is mounted on tabs. A custom design three quarter binding was made to incorporate a Persian style metallic textile over black goat skin, used for both covers (the Persian-style metallic cloth was inlaid in a central wide panel down then length of the binding from top to bottom), raised bands, gilt titles. Perforated stamps to title-pages of the Free Library of Philadelphia. Rubber stamps of the Geo. S. Pepper Fund, Free Library of Philadelphia. VERY RARE.

\$ 5,000

100 PHOTOGRAPHIC PLATES OF PERSIAN TEXTILES. An extraordinary large-format photographic presentation of Persian textiles, detailing their intricate patterns. These masterpieces of design were photographed from American collections formed in the early 20th century.

The contents of the plates include cashmere specimens, various shawls, and tapestries, all from American collections including the Metropolitan Museum of Art, Newark Museum Association, and private owners such as Louis Chappel (1888-1963), artist (NY), Robert v. V. Sewell (1860-1924), artist (Oyster Bay, Long Island), Burton Rice, artist (NYC), Alfred Cheney Johnston (1885-1971), photographer of the Ziegfield Follies (NY), Miss. Francis Morris, actress (NY), Franklin Booth (1874-1948), artist (NY), Willy Pogany (1882-1955), artist (NY), and one piece from the author.



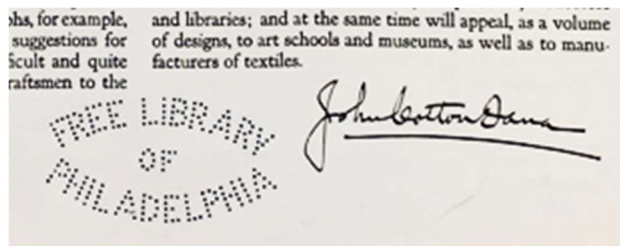
In the Preface to the second volume, Perleberg writes, “The publisher considers himself very fortunate to have gained access to a collection of pieces created at this time, and to be allowed to reproduce them in this volume. Undoubtedly, they will offer joy and inspiration to textile and layman alike.” A tipped-in typed note continues: “The fabrics here reproduced were printed on ‘Challie de Laine’ between 1830- and 1840 in Mulhouse by the two firms: Dolfus Freres & Koechlin Freres. At that time the designs were made by designers employed by the textile firms and not by outside studios. As the designers were working for to five hours a day, it took as much as one month to have a design completed.”

“The originals are now in the private collection of J.F. Schaezel, in New York City. He received them directly, when an apprentice himself, from the head of the

concerns mentioned above. A venerable man then eighty years old, who had treasured these fabrics all his life.”

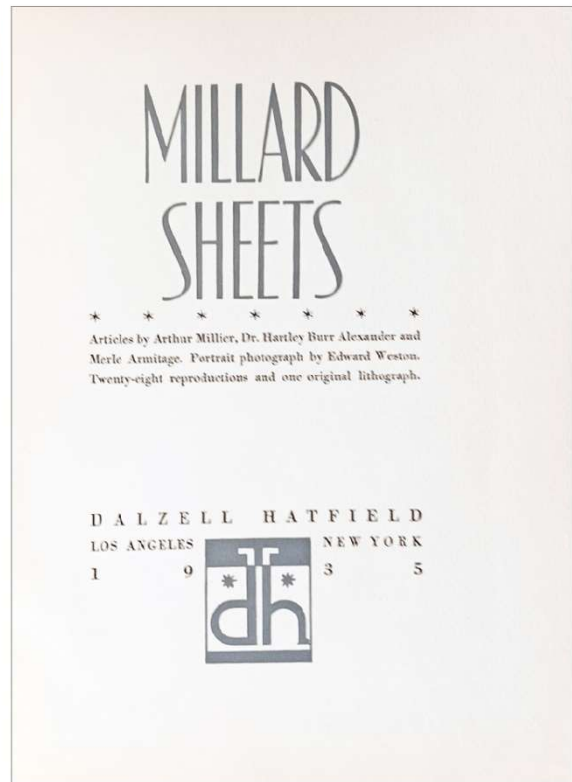
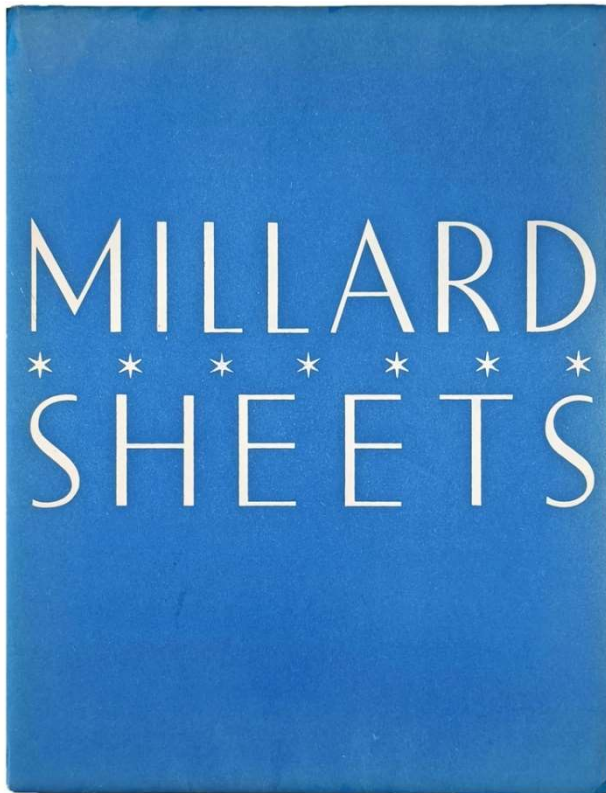


John Cotton Dana (1856–1929) was an American library and museum director. He attended Dartmouth, then worked in Minnesota, then Colorado, then Massachusetts, then, in 1909, Dana founded the Newark Museum.



PROVENANCE: Philanthropist, professor of law and lawyer, George S. Pepper (1867-1961), also served as Senator of Pennsylvania (1922-27). Pepper made a substantial gift, in 1891, to establish the Free Library of Philadelphia and the Free Library of Philadelphia Foundation. This item was purchased originally for the library using those funds. NOTE: Metropolitan Museum of Art (2 vols); No record of the second volume in WorldCat.

☐ See: Cahill, Edgar Hoger, “The Life and Work of John Cotton Dana”. *Americana Illustrated*, January 1930, volume XXIV, Number 1, pages 69–84, The American Historical Society; Grove, Richard. ‘Pioneers in American Museums: John Cotton Dana’. *Museum News*, Volume 56, Number 5, May–June 1978.



LV2723 **SHEETS, Millard** (1907-1989). *Millard Sheets. Articles by Arthur Millier, Dr. Hartley Burr Alexander and Merle Armitage. Portrait photograph by Edward Weston. Twenty-eight reproductions and one original lithograph.* Los Angeles & New York: Dalzell Hatfield, 1935. ¶ Small 4to. [viii], 28, [4] pp. Frontispiece, lithograph (signed by the artist), 28 full-page plates, 3 vignettes. Original blue boards, printed jacket; jacket is worn. Ownership signature of Edith E. Perrine. Very good.

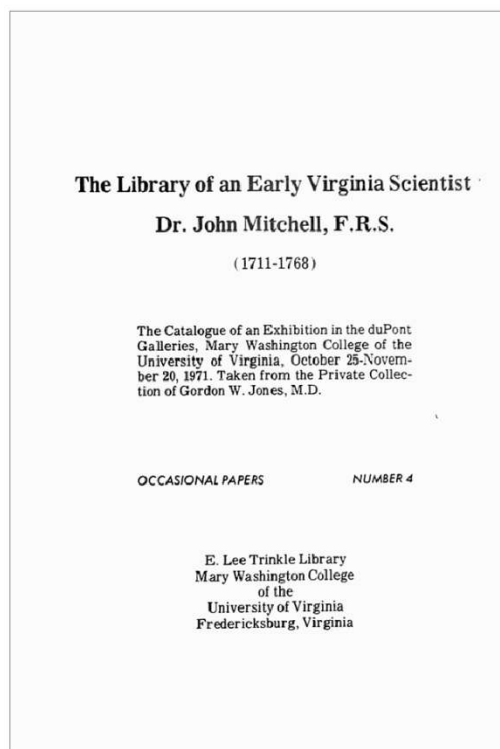
\$ 300

Limited edition of 1000 copies WITH AN ORIGINAL SIGNED LITHOGRAPH BY SHEETS. Millard Sheets “was one of the earliest of the California Scene Painting artists and helped define the art movement.” Arthur Millier (1893-1975) contributed the text essay. He was for a long time the art critic for the Los Angeles Times. Dr. Hartley Burr Alexander (1873-1939) was professor of philosophy at the University of Nebraska. Edward Weston (1886-1958) has been called “one of the most innovative and influential American photographers” and “one of the masters of 20th century



photography.” Merle Armitage (1893-1975) was also influential in the art and design world.

□ Bibliography & Books on Books

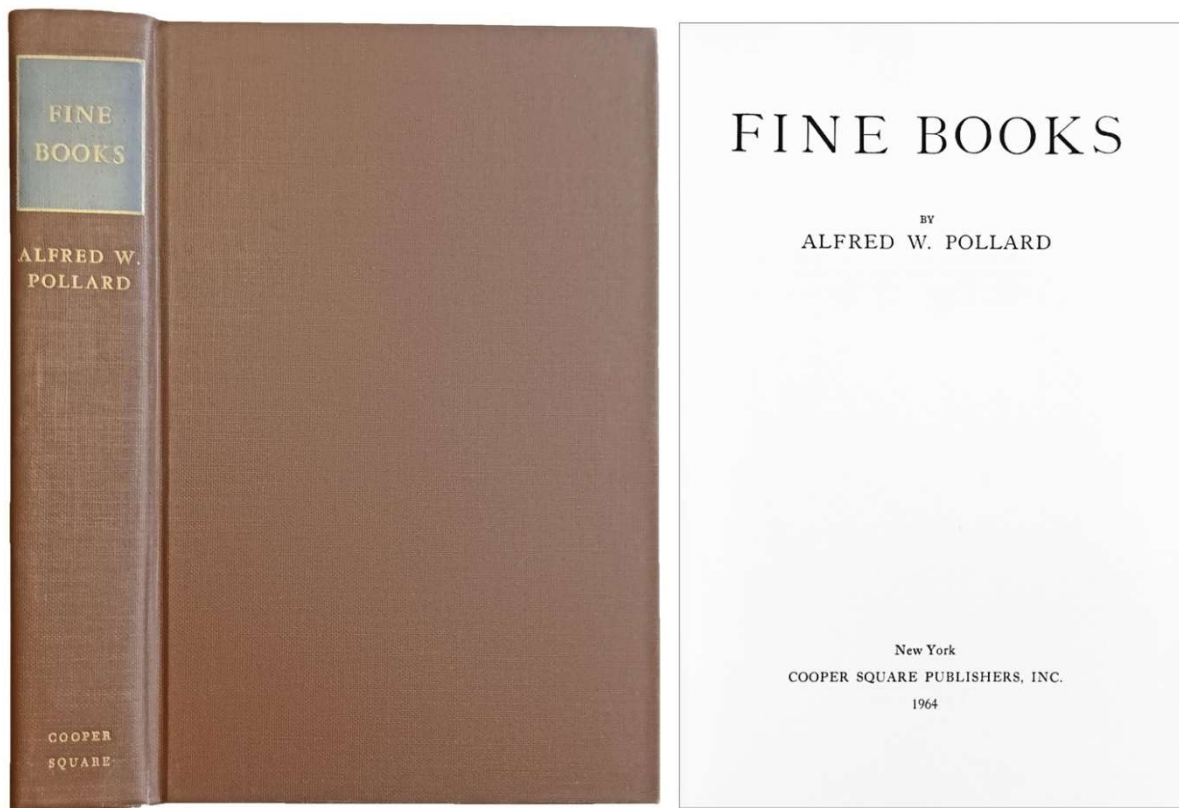


BL3639 [MITCHELL, John (1711-1768)] **D.H. WOODWARD; James B. GOUGER; Gordon W. JONES.** *The Library of an Early Virginia Scientist, Dr. John Mitchell, F. R. S. (1711-1768).* *The Catalogue of an Exhibition in the duPont Galleries, Mary Washington College of the University of Virginia, October 25-November 20, 1971. Taken from the private Collection of Gordon W. Jones, M. D.* Fredericksburg: E. Lee Trinkle Library, [1971]. ¶ Occasional Papers, Number 4. 26 cm. 7 leaves, not including cover, folded and stapled in half. Illus., mostly maps. Reddish pictorial self-printed wrappers; top staple unhinged. Burndy bookplate. Very good.

\$ 12.95

John Mitchell “was a colonial American physician and botanist. He created the most comprehensive and perhaps largest 18th-century map of eastern North America, known today as the Mitchell Map. First published in 1755, in conjunction with the imminent Seven Years’ War, the map was subsequently used during the

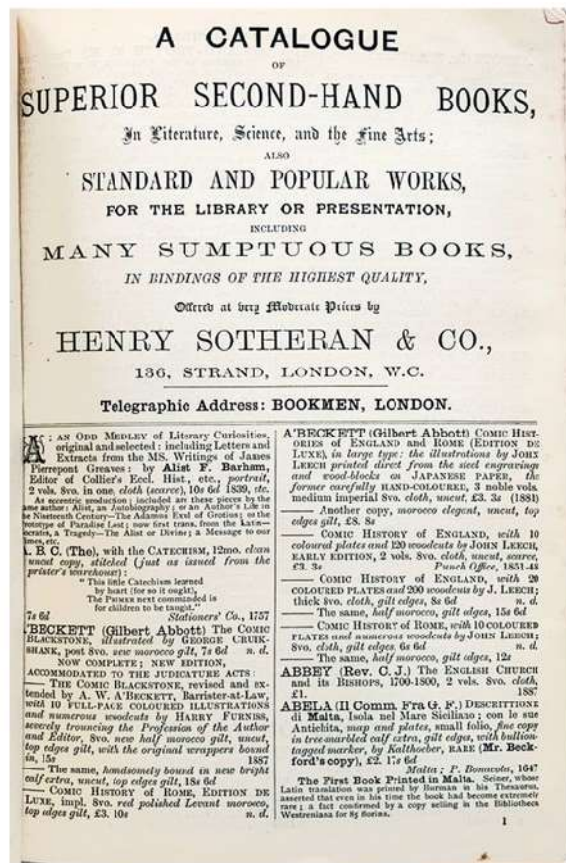
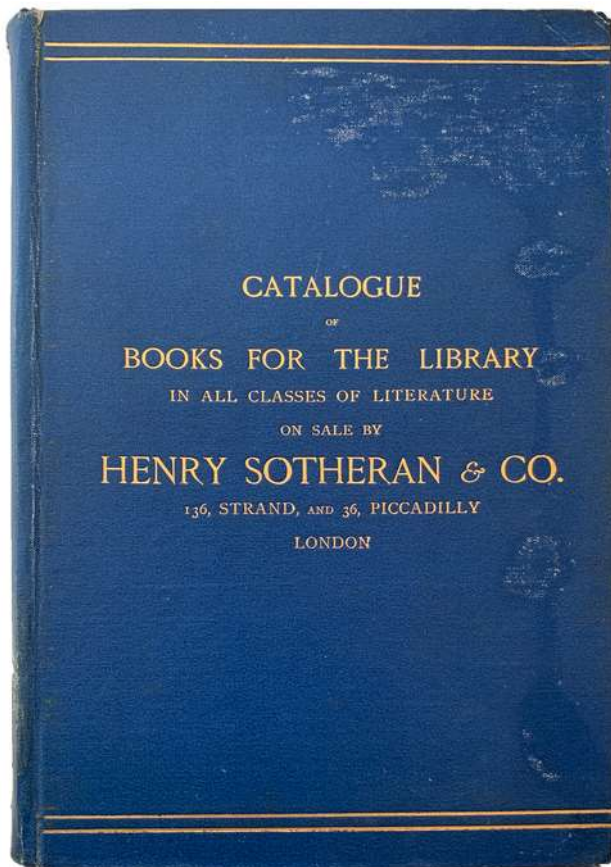
Treaty of Paris (1783) to define the boundaries of the newly independent United States and has been resolving border disputes since.”



BL3641 **POLLARD, Alfred W.** (1859-1944). *Fine Books*. New York: Cooper Square, 1964. ¶ Reprint. 8vo. xv, 331 pp. frontis., illus., index. Gilt-stamped brown cloth with gray spine title label. Burndy bookplate. Fine.

\$ 10

Alfred William Pollard, FBA, was an English bibliographer, widely credited for bringing a higher level of scholarly rigor to the study of Shakespearean texts. His breadth of knowledge in books was well-known and is displayed in this text. With Gilbert Richard Redgrave, he edited the STC, or A short-title catalogue of books printed in England, Scotland, & Ireland and of English books printed abroad, 1475–1640 (1926).

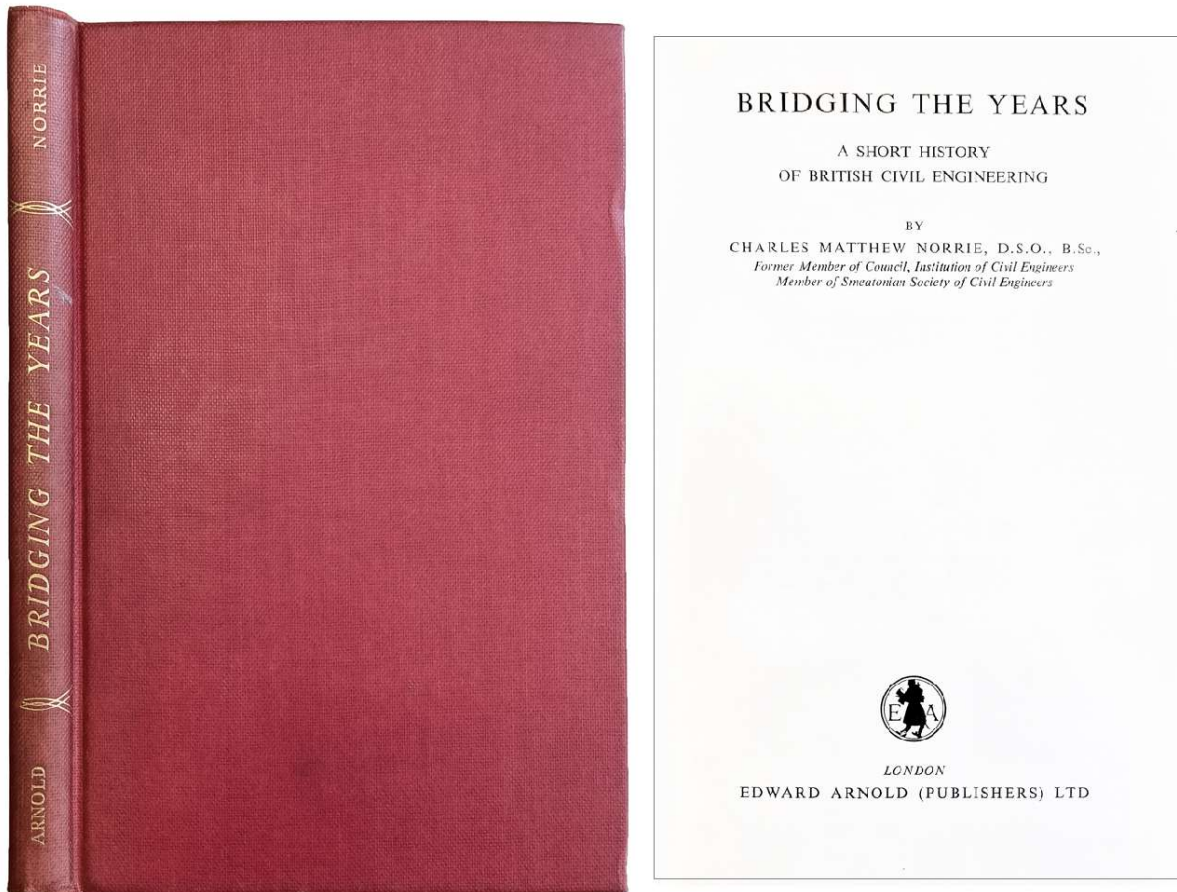


ZZ1335 Henry Sotheran & Co. [London]. *A Catalogue of Superior Second-Hand Books in Literature, Science, and the Fine Arts.* . .

London: Henry Sotheran, 1888. ¶ 8vo. 336, ads. 44 pp. A few illustrations. Blue cloth, gilt-stamped cover and spine titles; extremities rubbed with water-stains, inner hinges cracked with some tape repair. Former library copy with the usual markings (rear pocket removed). Fair. This issue is scarce.

\$ 30

□ Engineering



BL3517 [British Civil Engineering, U.K.]; NORRIE, Charles Matthew.

Bridging the Years; a Short History of British Civil Engineering.

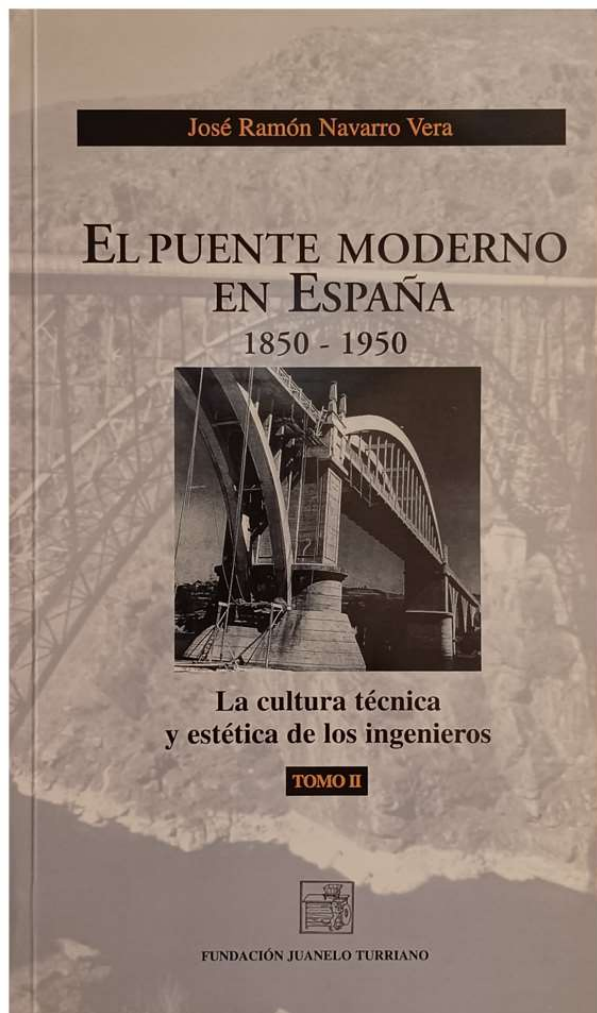
London: Edward Arnold, 1956. ¶ 8vo. [xii], 212 pp. Frontispiece, illus., appendices, index; few notes of Victor C. Darnell. Gilt-stamped red cloth. Bookplates of Burndy, J.G. James, and Foyles. Very good.

\$ 15

A history of British bridge building.

PROVENANCE: Victor C. Darnell (1921-1999)- this copy containing his notes – was a pioneering civil engineer. He graduated from the Massachusetts Institute of Technology in 1943 and spent thirty-one years, most of that time as chief engineer, working for the Berlin Steel Construction Company.

Throughout his life, Darnell assembled a large collection documenting the history of structural and civil engineering in America. He researched and wrote extensively on the subject, including *A Directory of American Bridge-Building Companies 1840-1900* which was published by the Society for Industrial Archaeology in 1984.

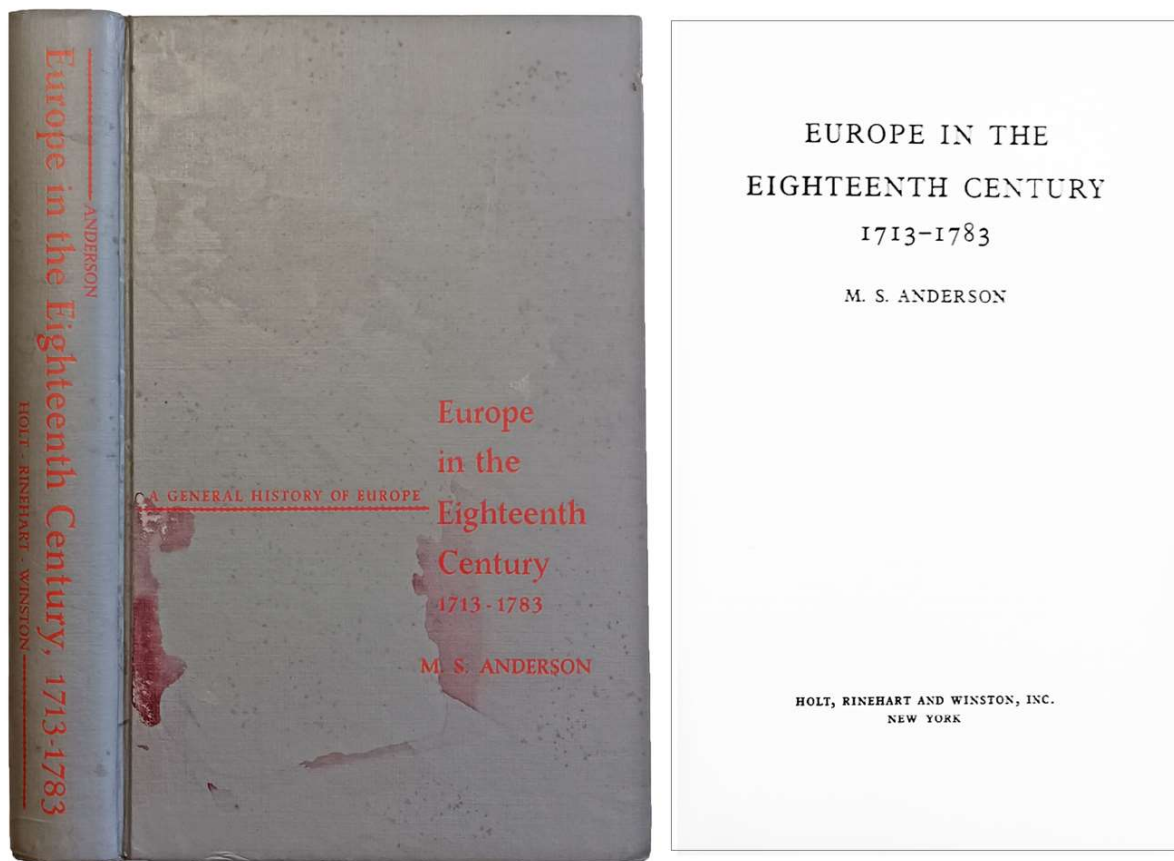


BL3605 VERA, Jose Ramon Navarro. *El Puente Moderno en España 1850-1950. La cultura técnica y estética de los ingenieros* . . . Madrid: Fundacion Juanelo Turriano, 2001. ¶ Two volumes. 8vo. 148; 157 pp. Illustrated. Printed wrappers. Burndy bookplate. Rare. Near fine.

\$ 16

TITLE (translated): The modern bridge in Spain 1850-1950; the technical and aesthetic culture of engineers.

□ History – including European



BL3727 ANDERSON, Matthew Smith (1922–2006). *Europe in the Eighteenth Century 1713-1783*. New York: Holt, Rinehart and Winston, 1961. ¶ 8vo. ix, 364 pp. Index. Gray cloth, titles stamped in red; covers soiled. Good.

\$ 6.95

First edition. *Europe in the Eighteenth Century, 1713-1783*, (1961) became a recognised classic, translated into French, Spanish and Italian, with new editions in 1976, 1987 and 2000, each embodying substantial alterations and additions.

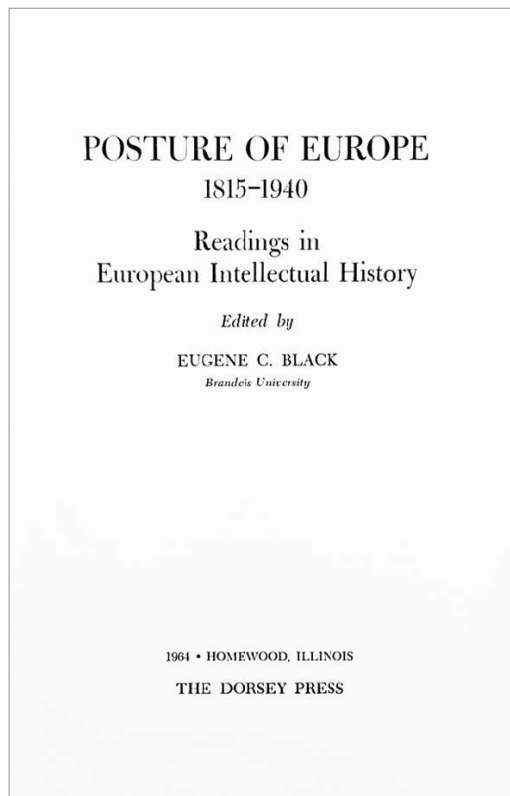
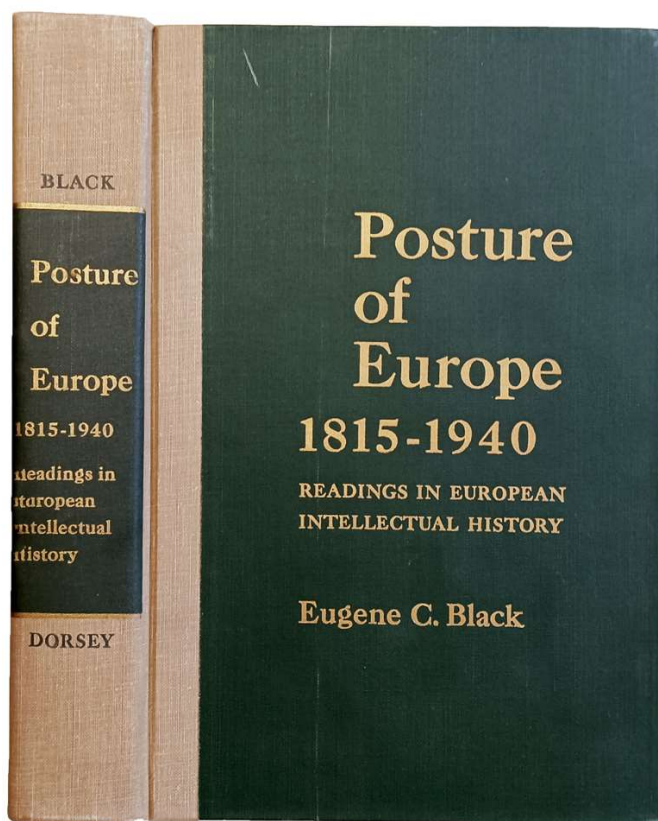
Matthew Smith Anderson was professor emeritus of international history at the London School of Economics.



BL3731 **BAUMONT, Maurice** (1892-1981). *La Faillite de la Paix* (1918-1939). I: *De Rethondes à Stresa* (1918-1935); II: *De l'Affaire Ethioapienne a la Guerre* (1936-1939). Paris: Presses Universitaires de France, 1951. ¶ 2 volumes. Series: *Peuples et Civilisations*, XX. 8vo. [iv], 531, v; [iv], 533-948, [2] pp. Index. Original printed wrappers. A beautiful copy. \$ 15

Third edition, revised and enlarged. *The Bankruptcy of Peace* (1918-1939). I: *From Rethondes to Stresa* (1918-1935); II: *From the Ethiopian Affair to the War* (1936-1939).

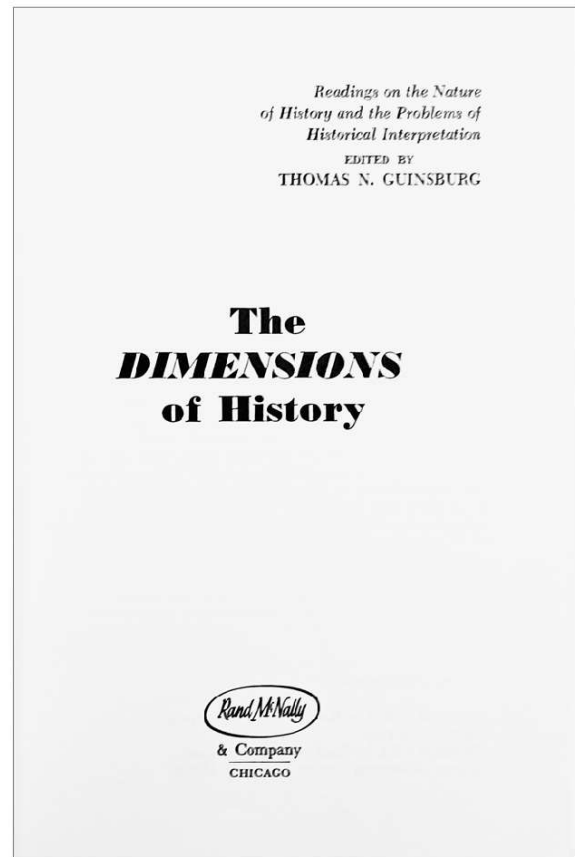
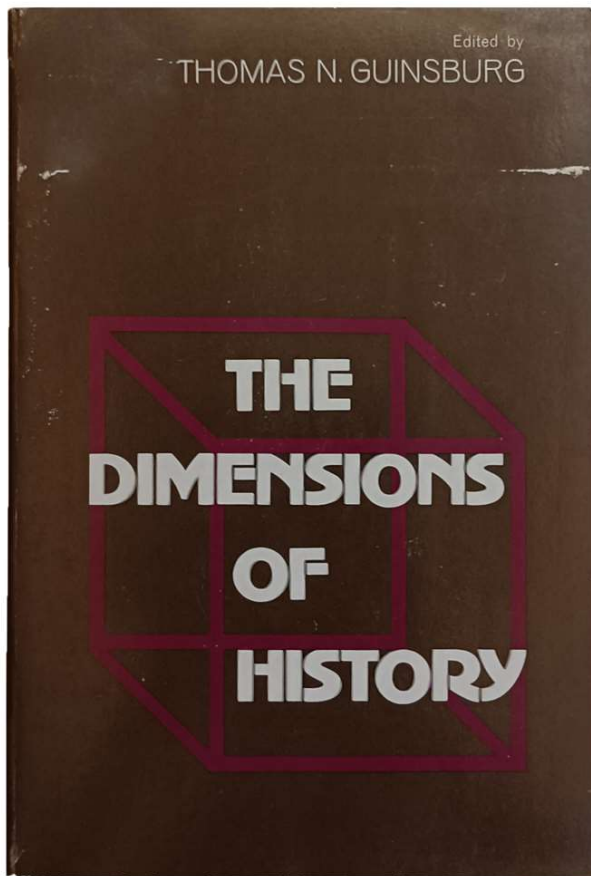
This work won the Théroutanne prize in 1946.



BL3739 **BLACK, Eugene C.** (1927-2013) (ed.). *Posture of Europe 1815-1940. Readings in European Intellectual History*. Homewood, IL: The Dorsey Press, 1964. ¶ 8vo. xiv, 726 pp. Cloth. Fine.

\$ 6

Professor Emeritus of History Eugene C. Black, a Europeanist was teaching at Brandeis University, where he played a critical role in building the department's national stature.

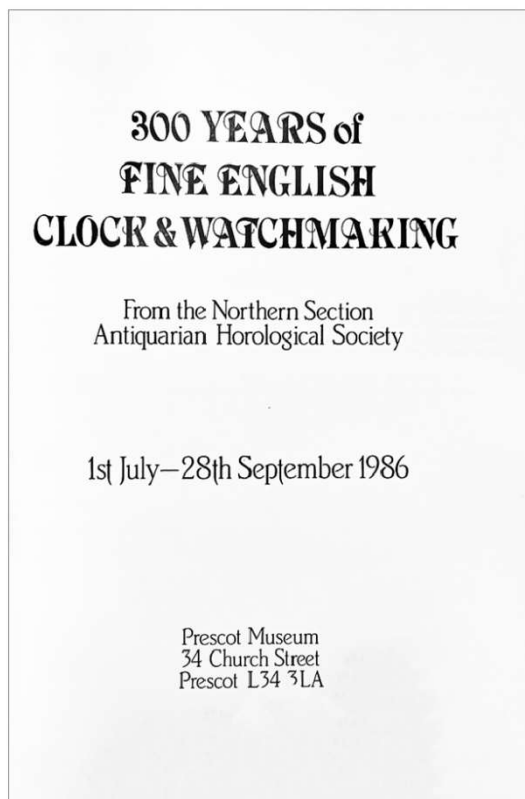
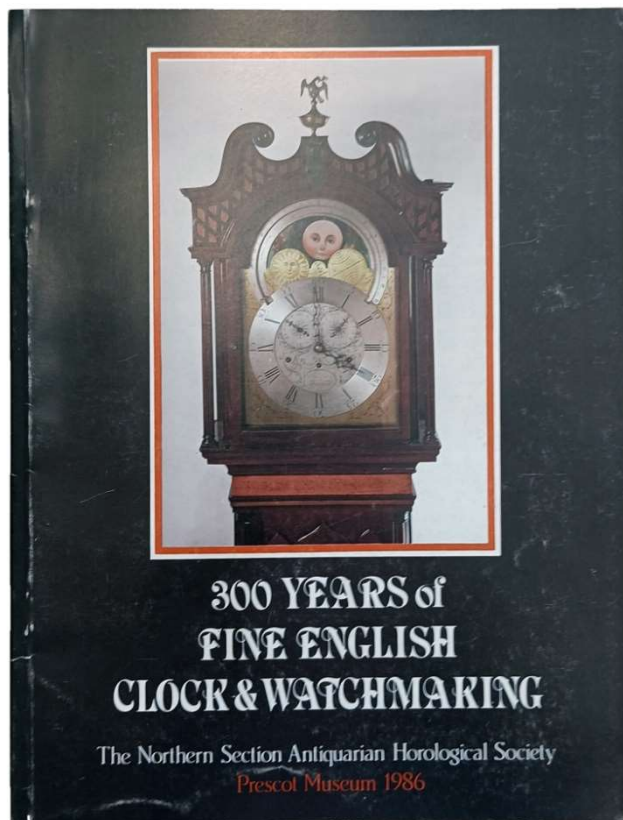


BL3749 GUINSBURG, Thomas N. (ed.). *The Dimensions of History; Readings on the Nature of History and the Problems of Historical Interpretation*. Chicago: Rand McNally, 1971. ¶ 8vo. ix, 157 pp. Index. Printed wrappers. Fine.

\$ 6.95

Includes 14 articles: Note: On history: some conflicting comments -- I. THE CHALLENGES OF HISTORY: The critical historian / George Kitson Clark -- II. THE NATURE OF HISTORY: The science of history / J.B. Bury -- What are historical facts? / Carl L. Becker -- The historian and the computer / Stephan Thernstrom -- The historian and his day / J.H. Hexter -- The historian and history / Arthur Schlesinger, Jr. -- Historical past and existential present / Staughton Lynd -- III. THE INGREDIENTS OF HISTORY: Political institutions: The advancing power of the state / Halvdan Koht -- Economic and social forces: Structural causes of revolutions / Jacques Godechot -- War: The impact of total war / Gordon Wright -- Leaders: The hero in history / Sidney Hook -- Masses: Listening to the 'inarticulate' / Jesse Lemisch -- Ideas: Racism and imperialism / Richard Hofstadter.

□ Horology: Clocks & Watches

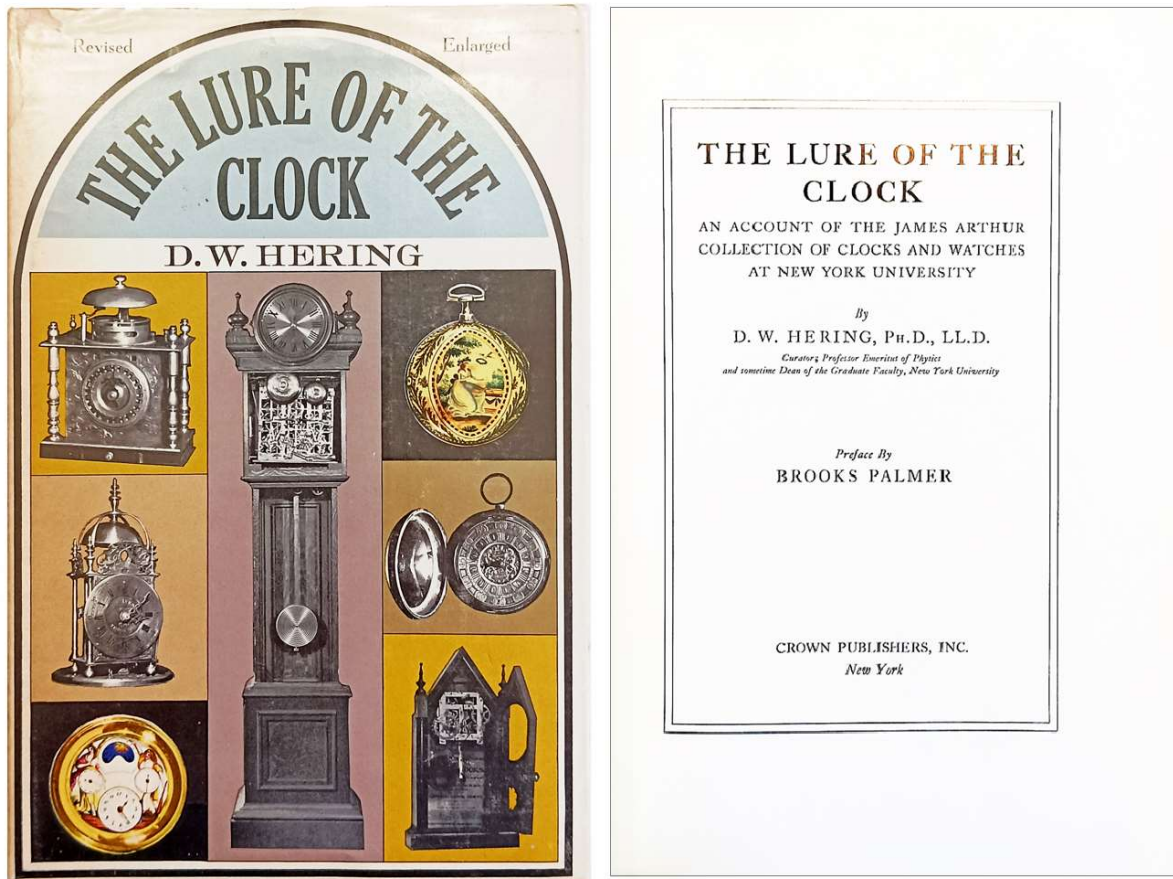


BL3648 Antiquarian Horological Society, Northern Section. *300 Years of Fine English Clock & Watchmaking. 1st July -28th September 1986.* Prescot: Prescot Museum, 1986. ¶ 25 cm. 80 pp. Illus. index. Printed wrappers; rubbed. Near fine. \$ 10

BL3669 ARTHUR, James (1842-1930); HERING, Daniel Webster (1850-1938). *The Lure of the Clock; an account of the James Arthur collection of clocks and watches at New York University.* New York: Crown, 1963. ¶ 8vo. viii, 121 pp. Frontis., over 89 illustrations, including color, index. Gilt-stamped yellow cloth, dust jacket; jacket with minor tears. Very good. \$ 10

DANIEL WEBSTER HERING was born near Smithburg, Maryland in 1850. Precocious in mathematics, he obtained a Maryland teaching certificate at the age of eleven. He earned his undergraduate and graduate degrees in civil engineering

from Yale University. Following a period of employment as a railroad civil engineer, Hering turned to teaching. He taught at Western Maryland College and the University of Pittsburgh before becoming professor of physics at New York University in 1885. Among his noteworthy scientific endeavors was early work in Rotentgen x-rays. Hering took what may be the first radiograph of the entire human body.

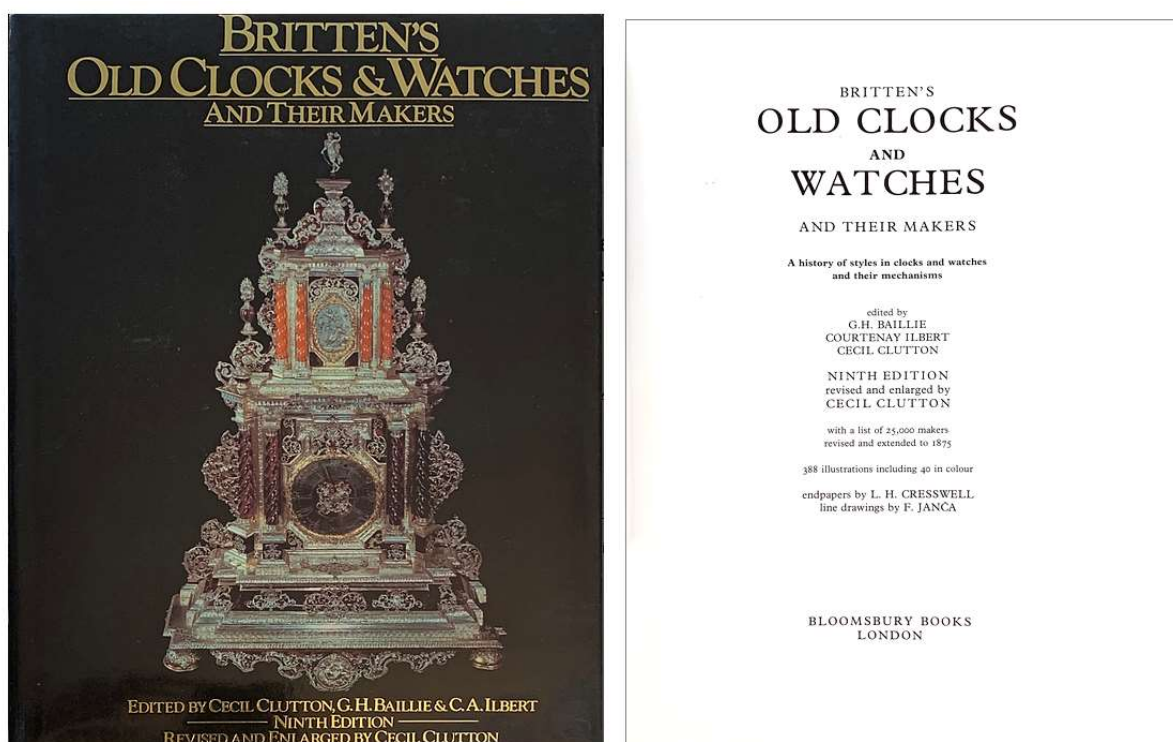


Hering became dean of the Graduate School at NYU in 1902, and served until his retirement in 1916. In 1926, however, the Council of NYU appointed him curator of the James Arthur Collection of Clocks and Watches, which was housed in the Gould Memorial Library on the University Heights campus of NYU in the Bronx.

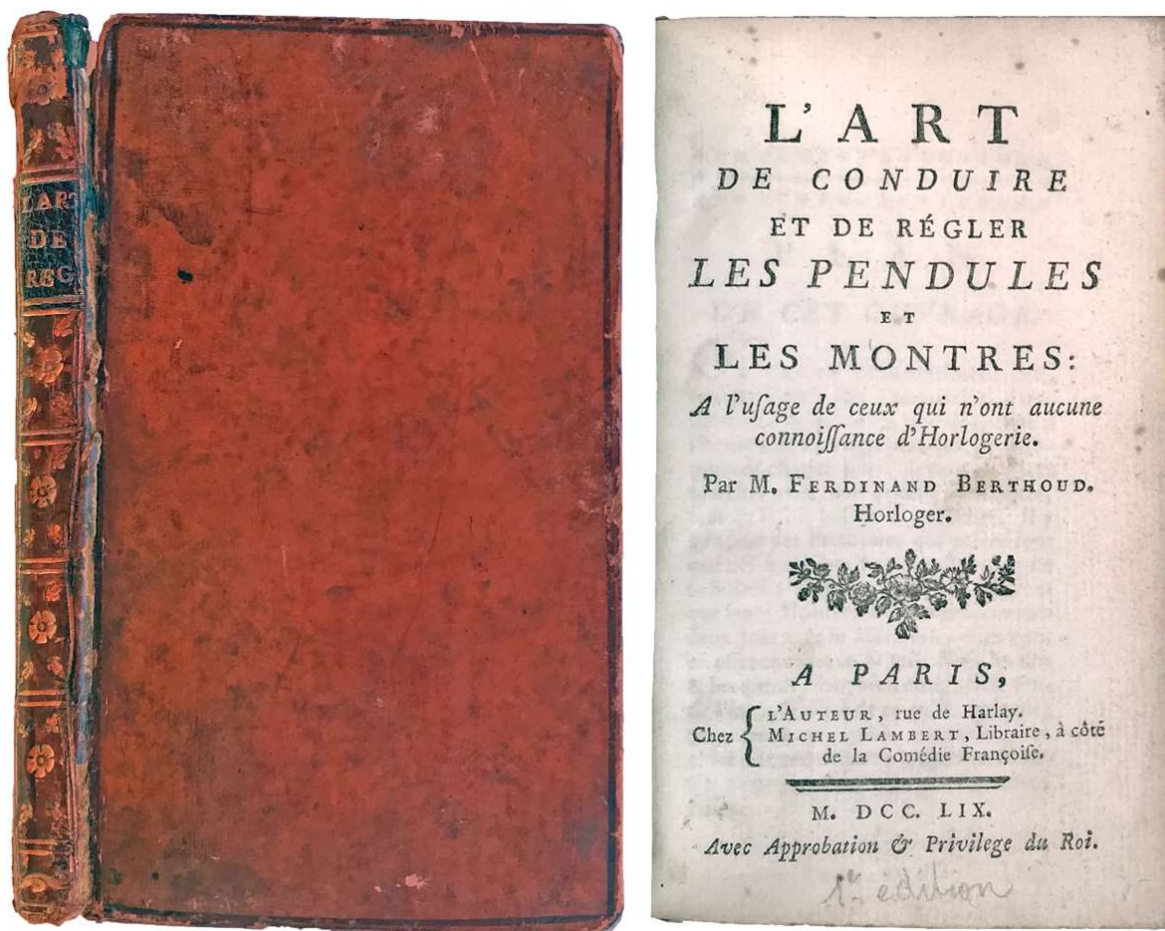
JAMES ARTHUR was born February 26, 1842, in Crosscandlely, Ireland. As a boy he studied mechanics and developed an interest in horology. In 1871 he emigrated to New York where in 1885 he founded Arthur and Co., manufacturers of mechanical models for inventors and devices such as differential gears for automobiles.

Arthur's spare time was spent collecting and designing and making clocks and watches. In 1925, at the suggestion of his son-in-law, Irving H. Berg, Chaplain of New York University (1919-1936), and later Dean of University College (1936-1941), Arthur presented his collection of 300 clocks, more than 1500 watches and books to New York University. Accompanying the gift was an endowment of \$110,000 to support a series of lectures on "time and its mysteries", to keep the collection in a state of repair and to provide for new acquisitions. Arthur stipulated that none of the income was to be used to pay curators.

James Arthur died in Winsted, Connecticut on April 27, 1930.



BL3650 **BAILLIE, G. H.; Courtenay ILBERT; Cecil CLUTTON** (editors). *Britten's Old Clocks and Watches and Their Makers; a history of styles in clocks and watches and their mechanisms*. London: Bloomsbury, 1986. ¶ Thick 4to. xvii, 700 pp. Color frontis., 388 illustrations including 40 in color, list of over 25,000 makers, index; dog eared pp. 26-30. Gilt-stamped black cloth, dust jacket. Fine. \$ 25



The Léon Leroy copy

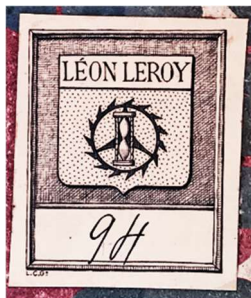
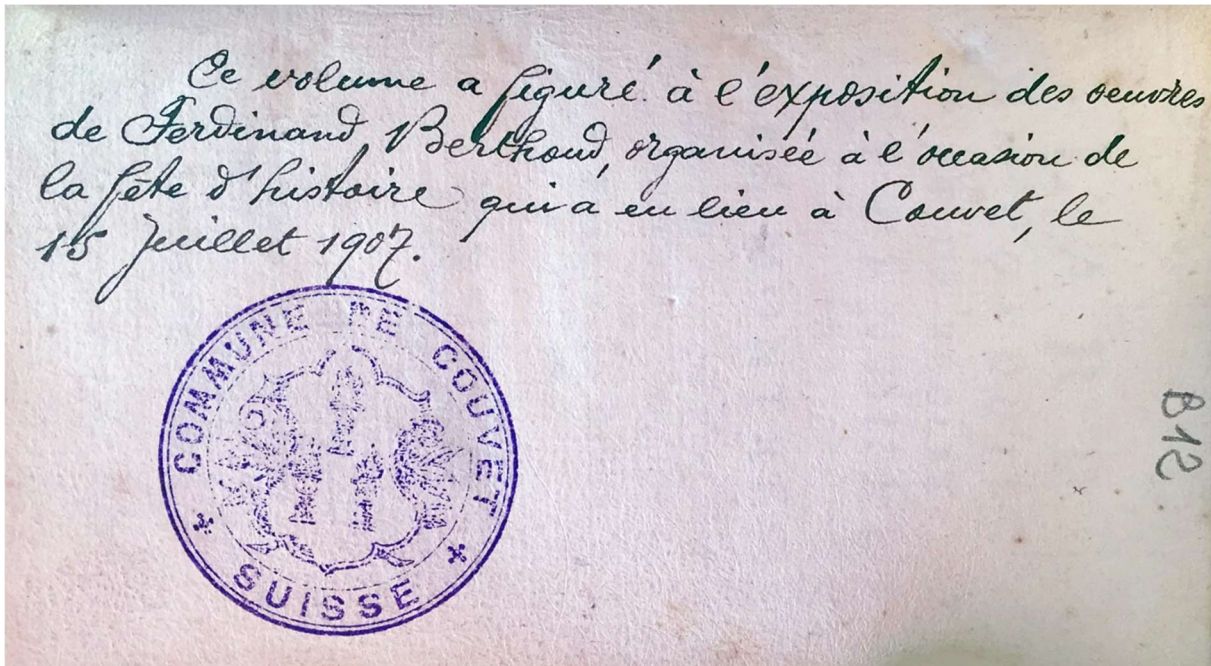
SS13497 **BERTHOUD, Ferdinand** (1727-1807). *L'Art de Conduire et de Régler les Pendules et les Montres*. Paris, chez l'auteur & Michel Lambert, 1759. ¶ 16mo. 4 folding engraved plates. Contemporary calf, spine gilt; upper joint split, worn. Bookplate of Léon Leroy. Very good. All editions very scarce.

\$ 1500

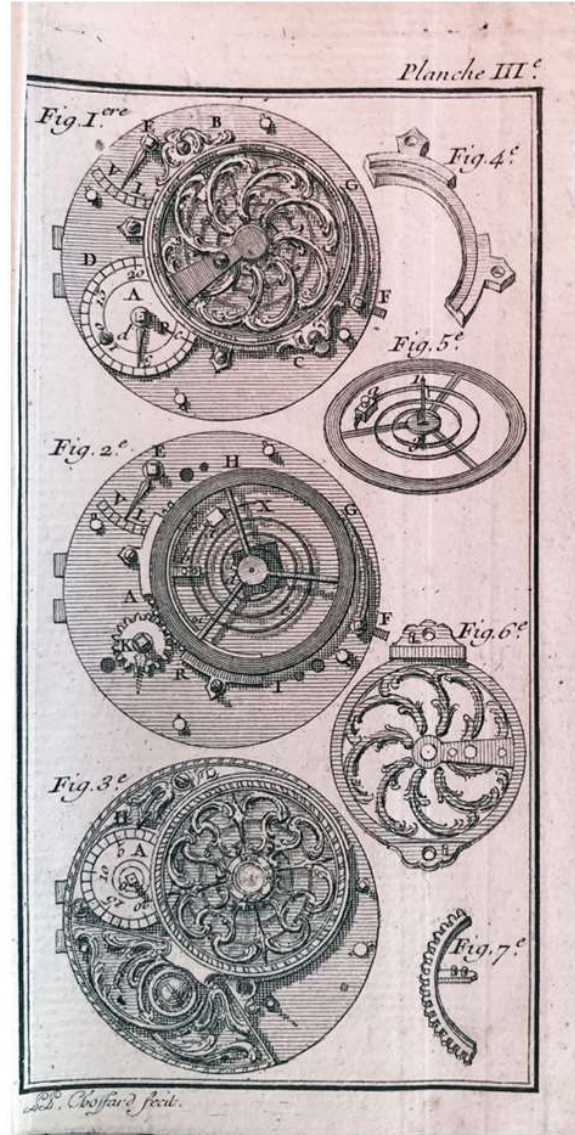
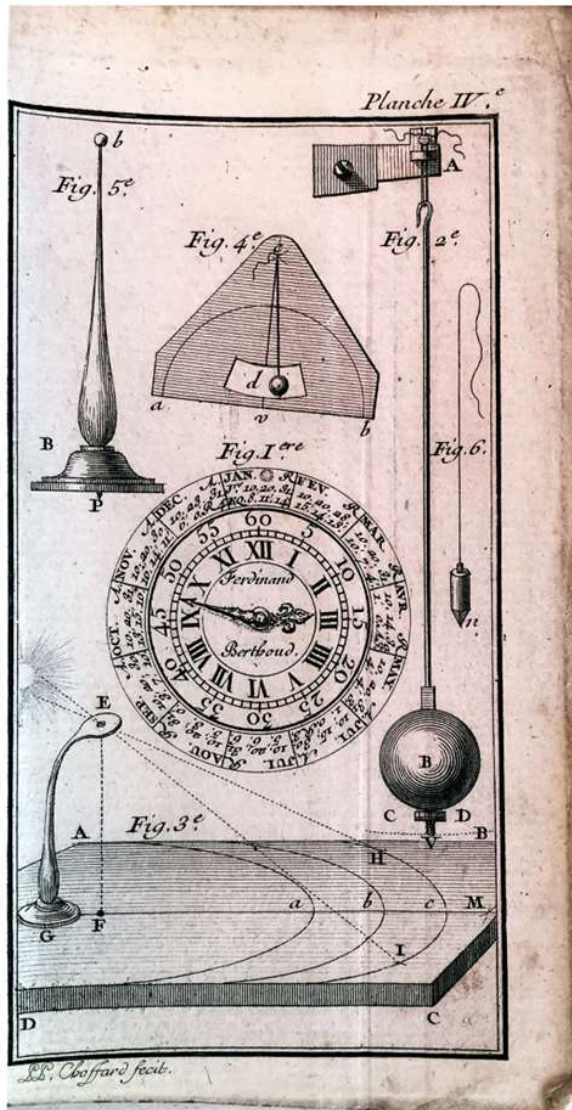
First edition of the author's first work. How to manage and regulate clocks and watches: for those who have no knowledge of horology. The work is a technical manual for watchmakers and clock-makers trained as tradesmen, rather than philosophers or mathematicians. The beautiful engraved plates depict clock works, watch works, pendulums, and sun-dials. Berthoud's popular work went through six editions through 1836.

Berthoud, scientist, inventor and horologist, was born in Neuchatel, Switzerland, near the centre of the famous Swiss watch and clock making industry. He became watchmaker to the King of France, having been named a Master of the craft in

Paris, 1753. His father was a burgher of Neuchatel and Couvet, and his wife was also born in Couvet.

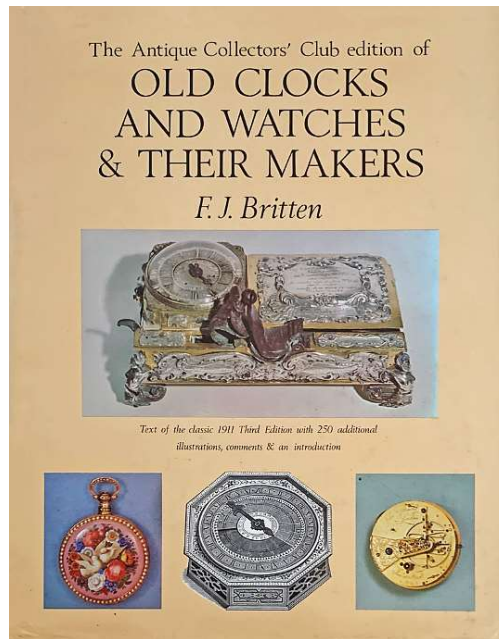


PROVENANCE: Léon Leroy. Inscribed: "Ce volume a figuré à l'exposition des œuvres de Ferdinand Berthoud, organisée à l'occasion de la fête d'histoire qui a eu lieu à Couvet, le 15 juillet 1907. Commune de Couvet, Suisse." The rubber-stamp from Couvet places this volume in the commune of Berthoud's parents. Louis Leroy, brother of Léon, had a clockmaking business in Paris. That business was started by Bazile-Charles Le Roy (1765-1839), followed by Charles-Louis, his son, who took over in 1828 and died in 1865. In 1845 Halley-Desfontaines bought a share of the business, and he engaged Louis Leroy in the business (ca. 1860-1935); Louis was trained by his father Theodore-Marie Leroy, himself a watchmaker. In 1914 Léon became a partner to the firm. Betts reports that the firm continues their trade in Paris even today. In short, this copy seems to have a close association with the Berthoud family (because of Couvet) and Leroy is a tie between Berthoud and this copy.

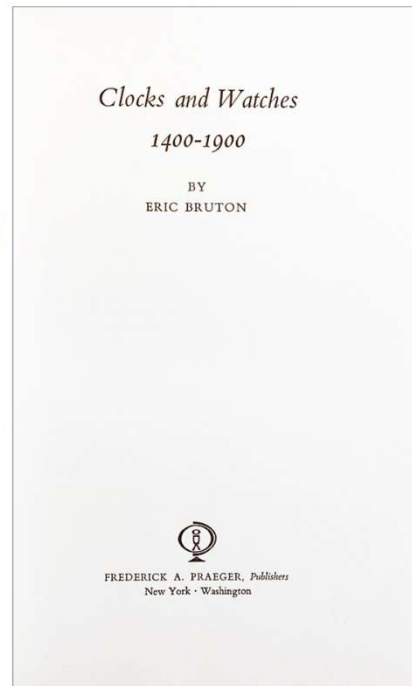
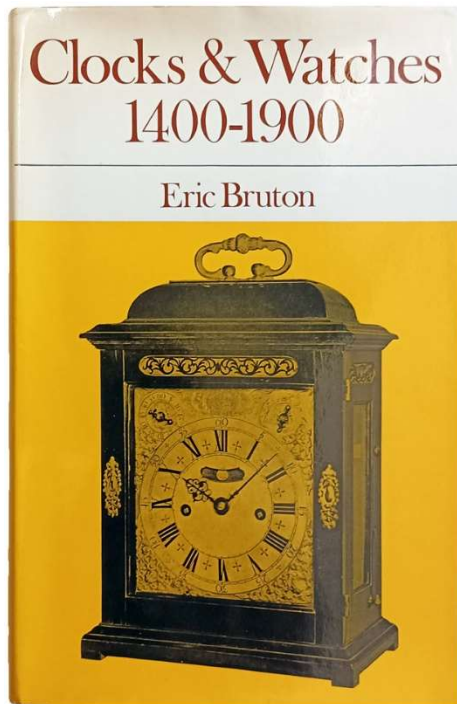


NOTE: Chayette of Paris sold much of the personal library of Léon Leroy in 1982. [Collection Léon Leroy; *Mouvements Portraits Livres et Documents . . . Collection historique et didactique de mouvements de montres*].

□ Baillie, *Clocks and watches*, p. 250; Bromley, ed., *The clockmakers' library*, 67; Poggendorf, I, col. 168. Berlin Cat. 1757.



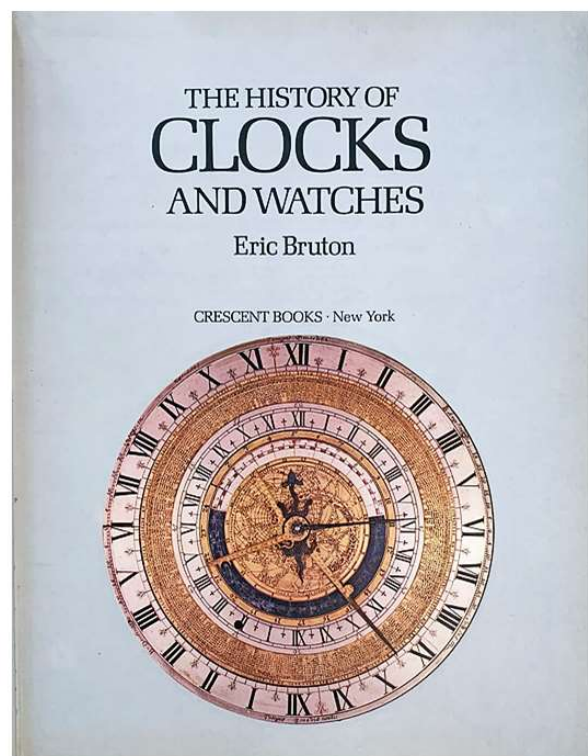
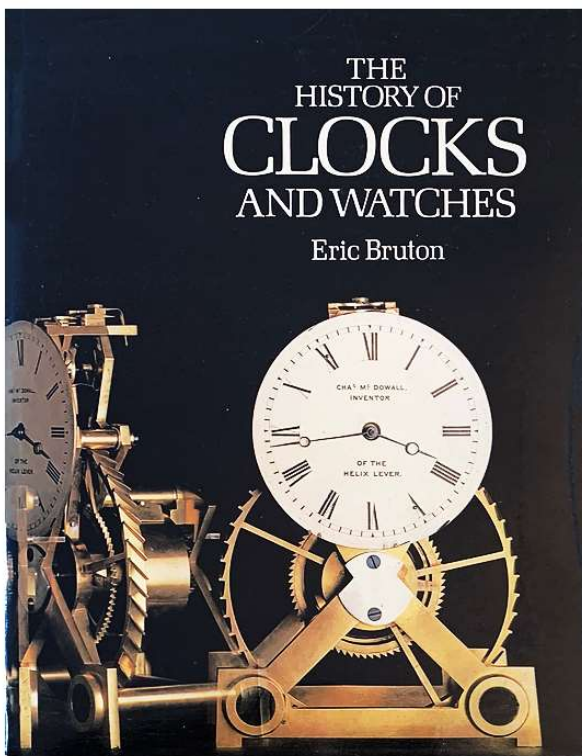
BL3657 **BRITTEN, F. J.** *The Antique Collectors' Club edition of old clock and watches & their makers; being an historical and descriptive account of the different styles of clocks and watches of the past in England and abroad, to which is added a list of eleven thousand makers.* Woodbridge: Antique Collectors' Club, 1983. ¶ Reprint. 29 cm. 517 pp. Illus., index. Gilt-stamped blue cloth; dust jacket; corners bumped. Very good. \$ 25



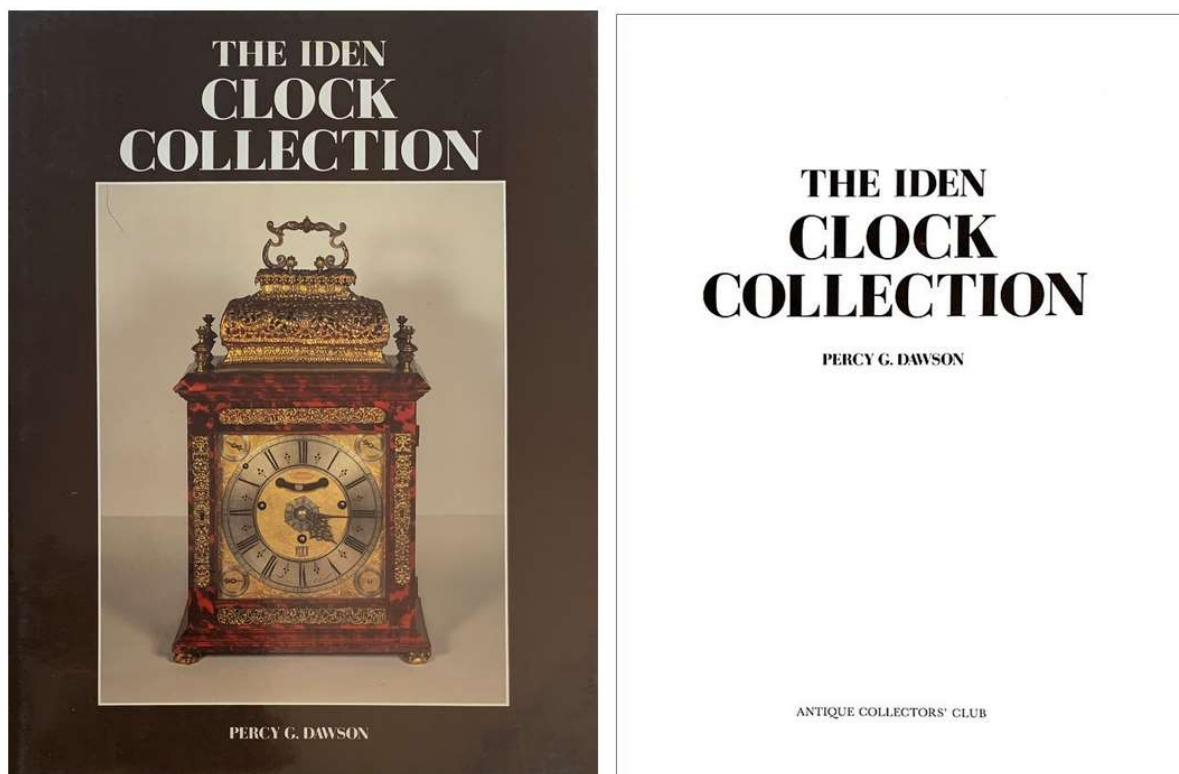
BL3659 **BRUTON, Eric** (1915-2000). *Clocks and Watches 1400-1900*.
New York: Frederick A. Praeger, 1967. ¶ First Edition. 8vo. 208 pp. Frontis., 110
illustrations, 32 figures, index. Gilt-stamped black cloth, dust jacket. Fine.

\$ 7.95

Little did I know but Burton was a mystery writer!

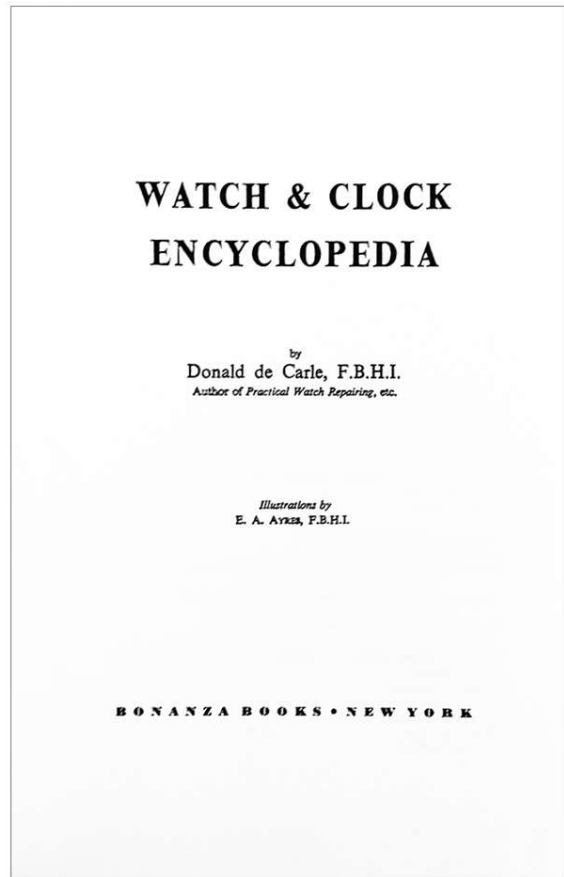
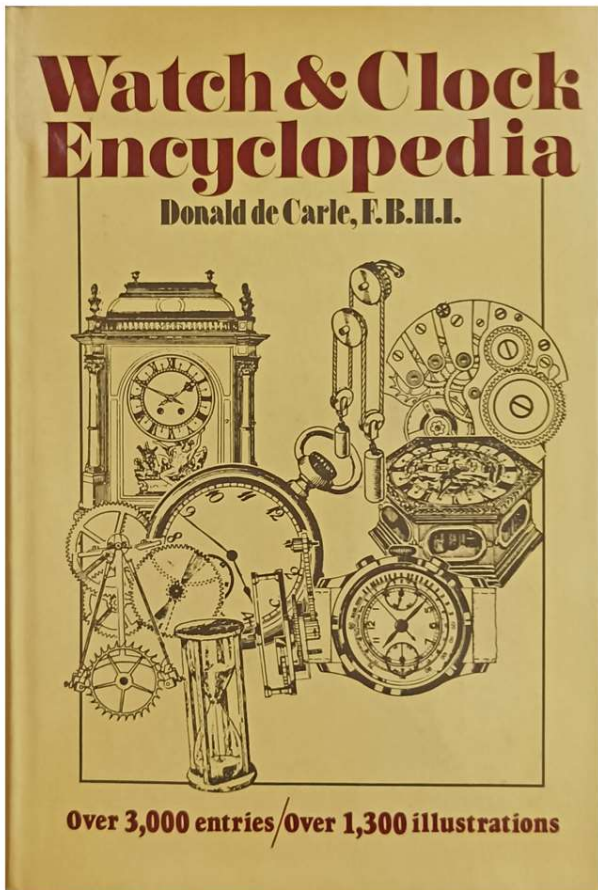


BL3660 **BRUTON, Eric** (1915-2000). *The History of Clocks and Watches*. New York: Crescent, 1982. ¶ 4to. 288 pp. Frontis., profusely color illustrated, index. Gilt-stamped black cloth, dust jacket; tad rubbed jacket. Fine. \$ 12



BL3664 **DAWSON, Percy G.** *The Iden Clock Collection*. Woodbridge, Suffolk: Antique Collectors' Club, 1987. ¶ LIMITED EDITION OF 1000 numbered copies. 4to. 283 pp. Frontis., 360 illustrations. Gilt-stamped blue cloth, dust jacket. Fine. \$ 40

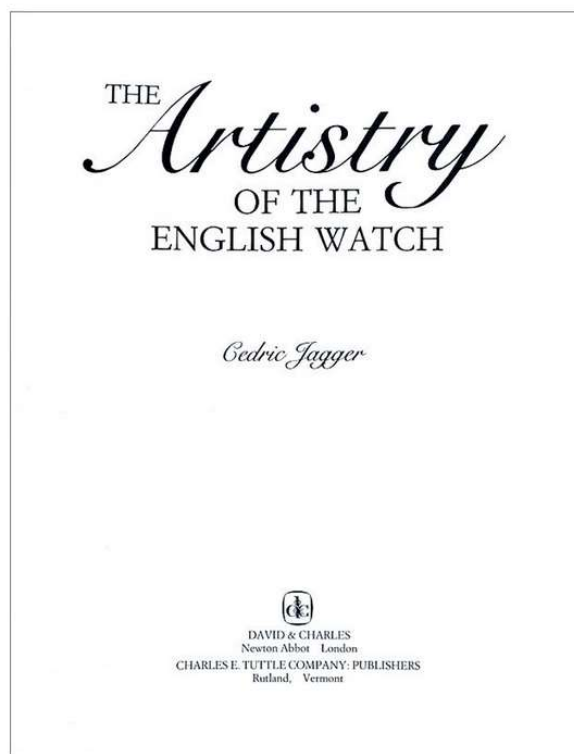
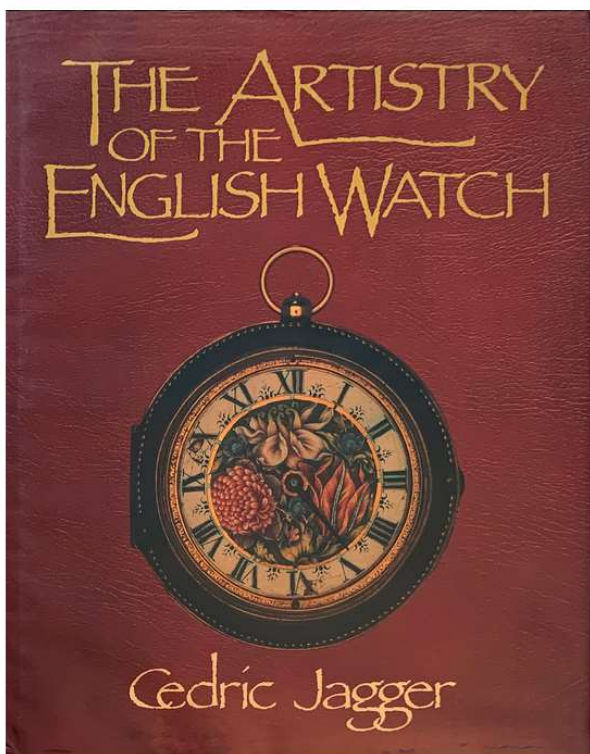
Walter J. Iden was an ex-London, Brighton & South Coast Railway engineer who became Assistant Motor Engineer to the London General Omnibus Co. and helped to design the B-type bus with Frank Searle. He was also a clock collector and owner of clocks forming part of the Ilbert Collection.



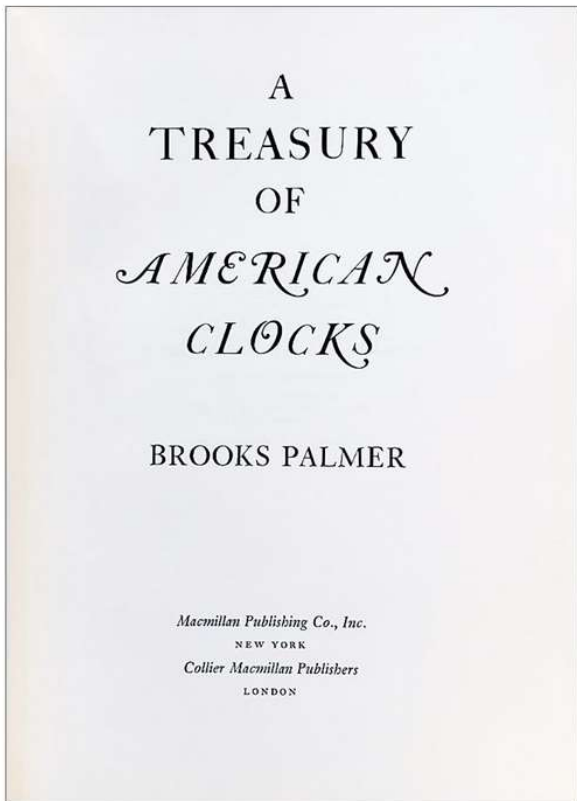
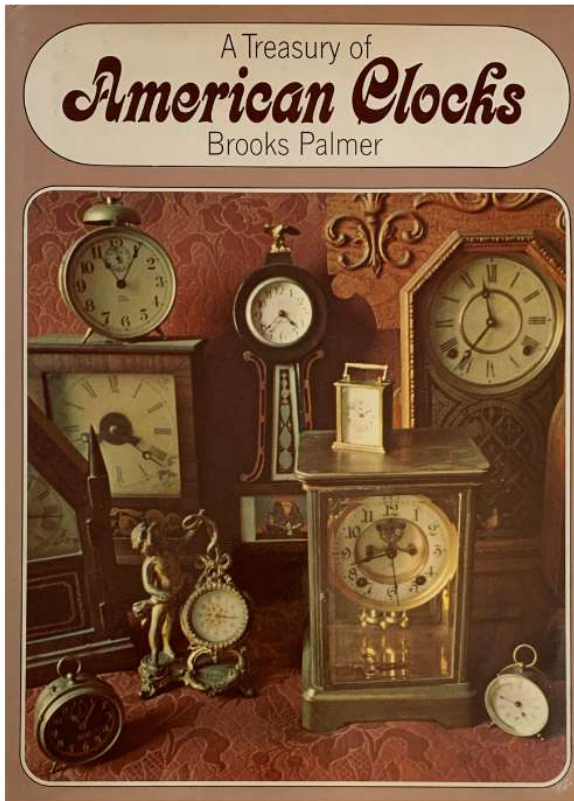
BL3665 **DE CARLE, Donald** (1893-1989). *Watch & Clock Encyclopedia*.
New York: Bonanza Books, 1975. ¶ 8vo. 307, [26] pp. Profusely illus., supplement.
Gilt-stamped brown buckram, dust jacket. Near fine.

\$ 10

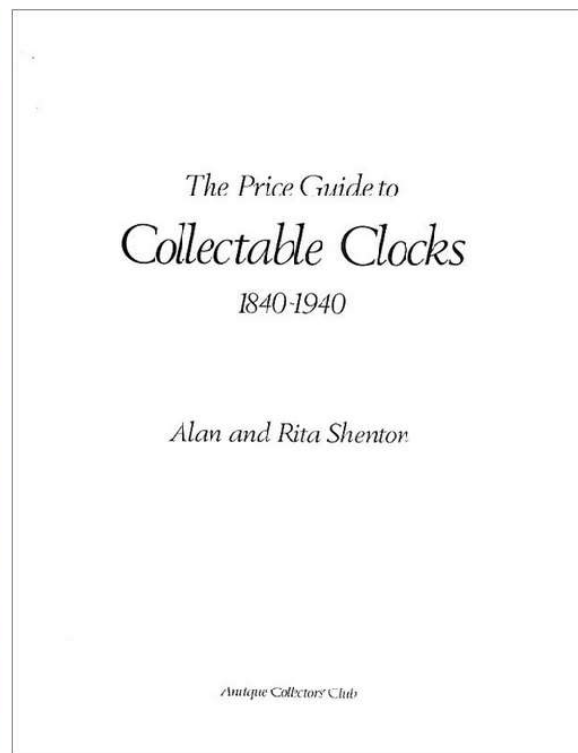
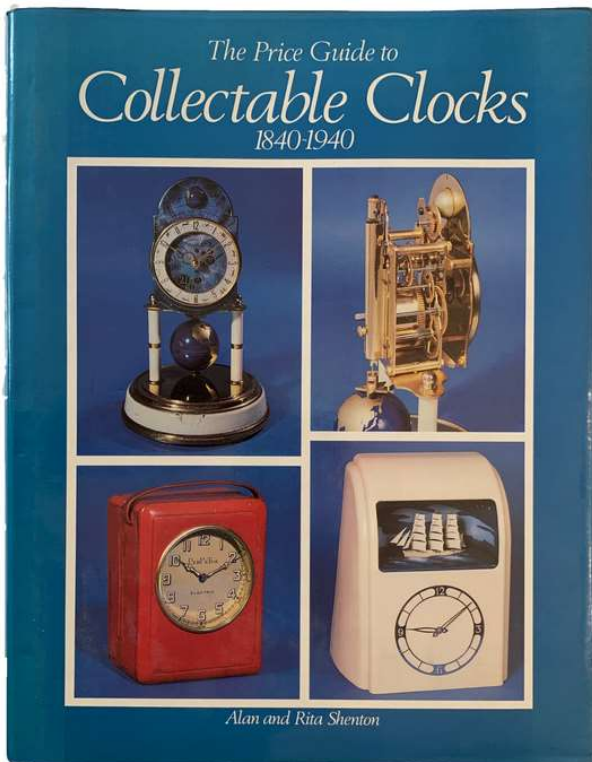
Donald de Carle was a Fellow and Medallist of the British Horological Institute and Freeman of the City of London by virtue of being a Liveryman of the Worshipful Company of Clockmakers.



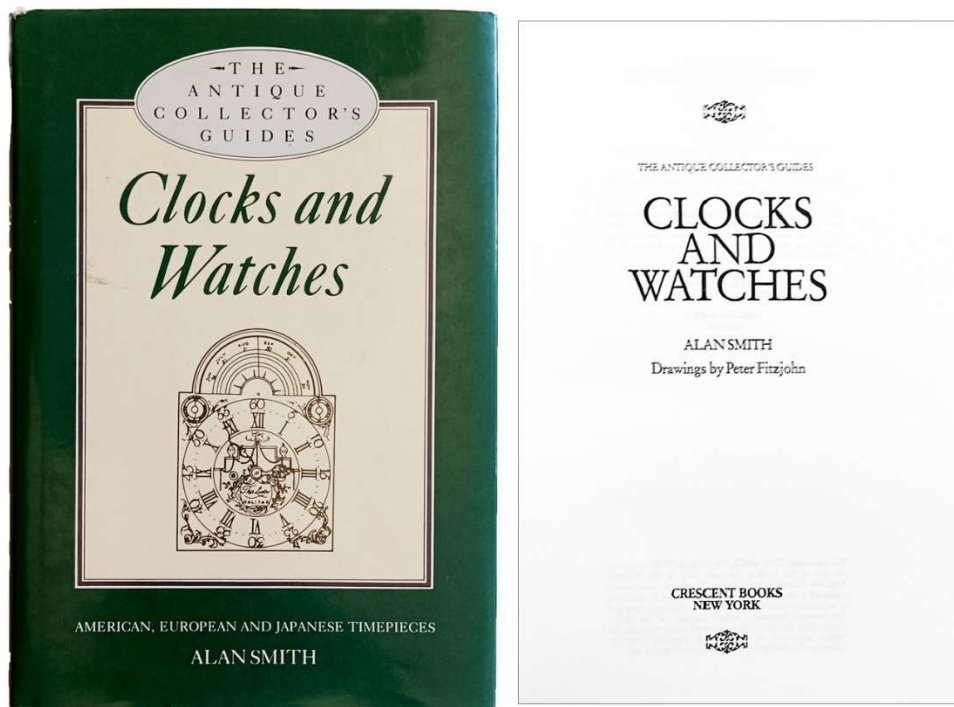
BL3671 **JAGGER, Cedric.** *The Artistry of the English Watch.* Rutland: Charles E. Tuttle, 1988. ¶ First American Edition. 4to. 160 pp. Illustrated, including color, bibliography, index. Gilt-stamped scarlet cloth, dust jacket. Fine. \$ 15



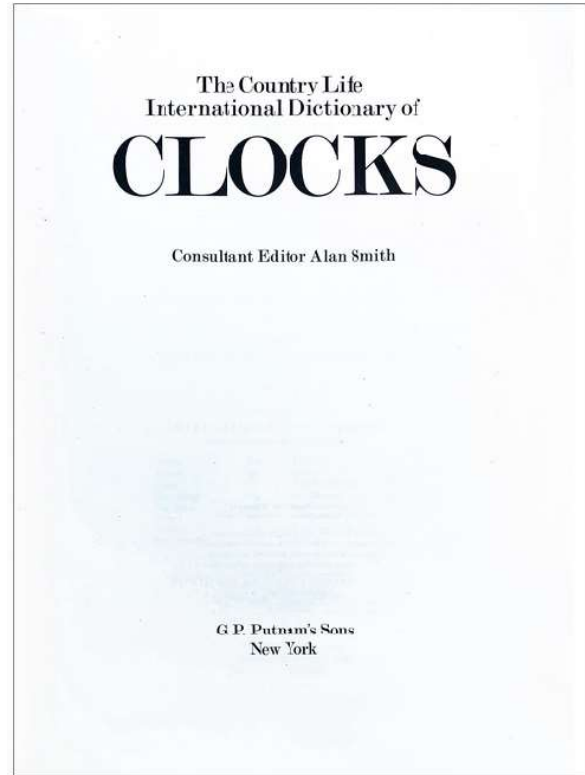
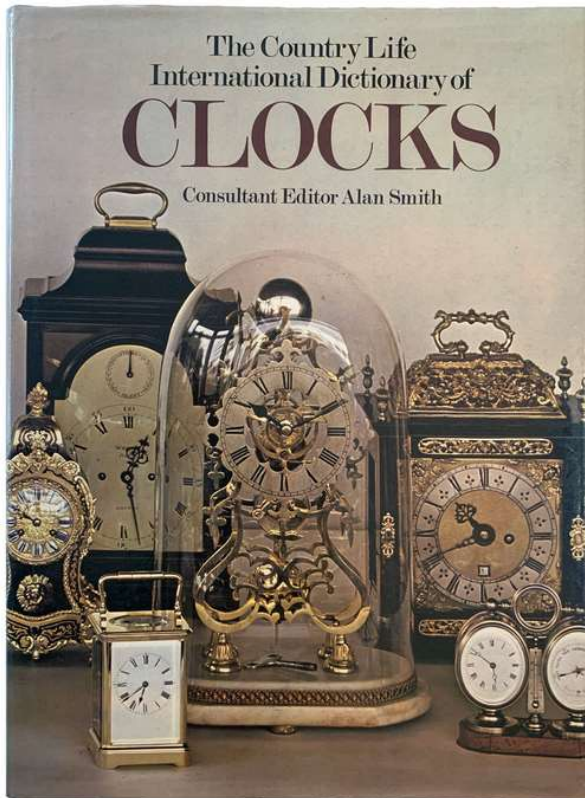
BL3682 PALMER, Brooks. *A Treasury of American Clocks*. New York: Macmillan, 1977. ¶ 27 cm. xi, 371 pp. Frontis., profusely illustrated. Quarter gilt-stamped red over beige cloth, dust jacket; extremities rubbed. Very good. \$ 10



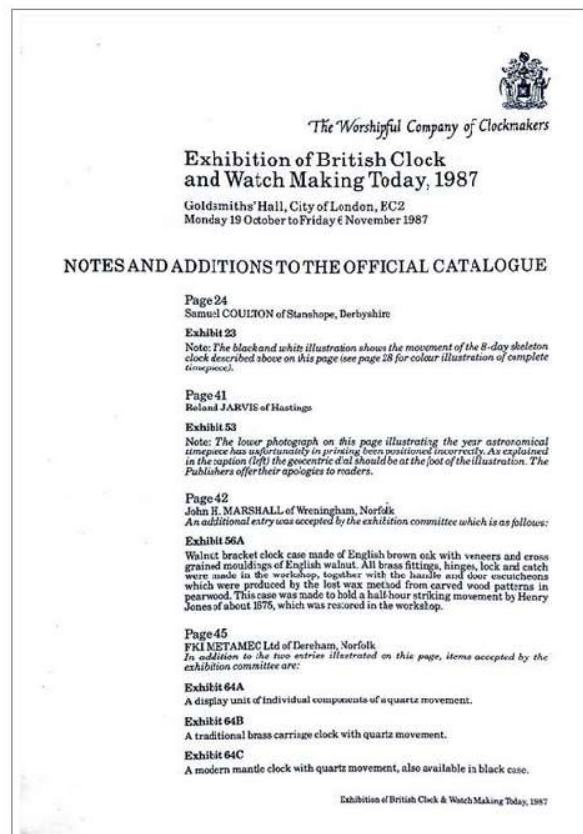
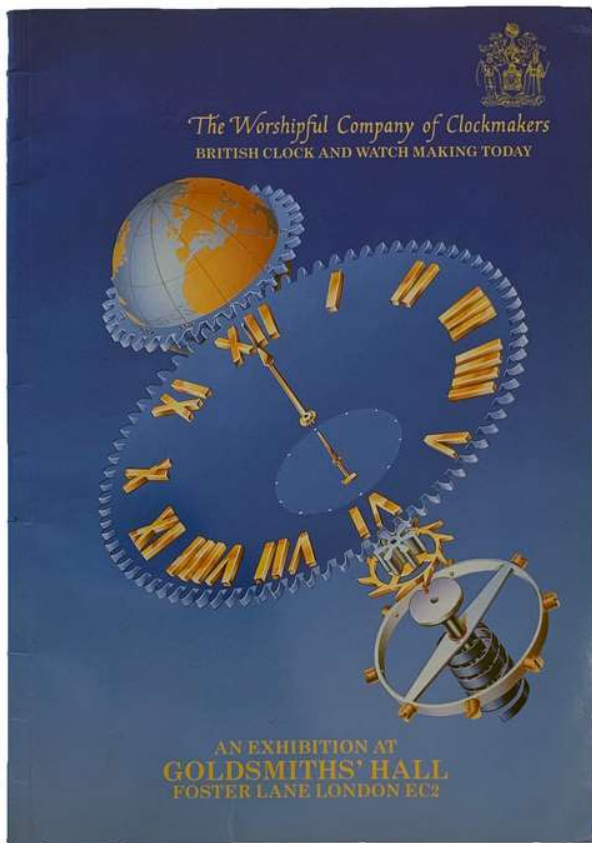
BL3684 SHENTON, Alan and Rita. *The Price Guide to Collectable Clocks, 1840-1940*. Woodbridge, Suffolk: Antique Collectors' Club, 1985. ¶ Second edition. 4to. 477 pp. Color frontis., over 700 illustrations including 34 color plates, index. Gilt-stamped blue cloth, dust jacket. Fine. \$ 10



BL3686 SMITH, Alan. *Clocks and Watches*, [series]: The Antique Collector's Guides. New York: Crescent Books, 1989. ¶ 8vo. 222 pp. Illus., index. Gilt-stamped gray cloth, dust jacket; slightly rubbed. Very good. \$ 10

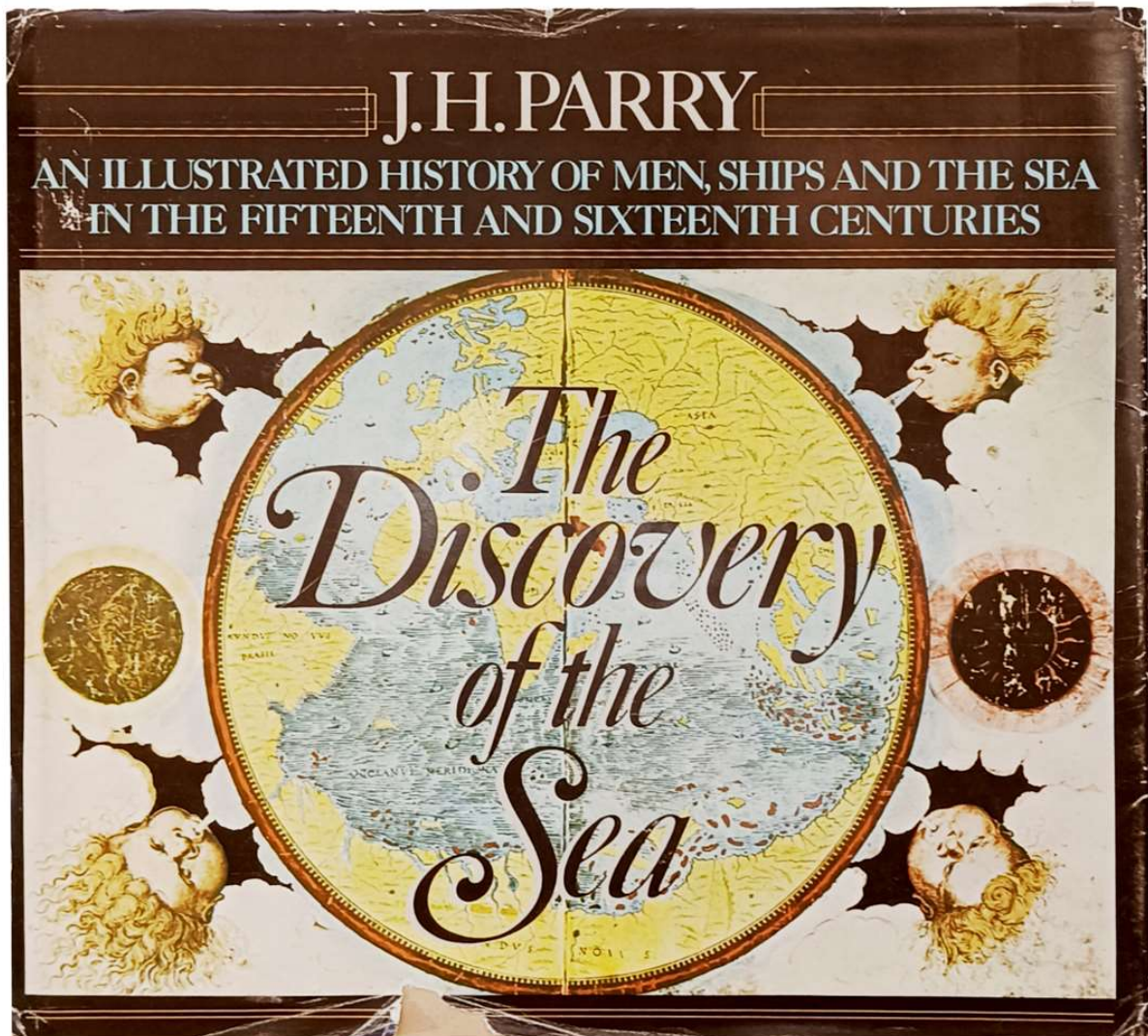


BL3687 SMITH, Alan. *The Country Life International Dictionary of Clocks*. New York: G. P. Putnam's Sons, 1979. ¶ 31 cm. [351] pp. Color frontis., illus. index. Gilt-stamped green cloth, dust jacket; rubbed. Very good. \$ 25



BL3699 Worshipful Company of Clockmakers; Air Commodore Brian G. FROW. *The Worshipful Company of Clockmakers, British Clock and Watch Making Today, an Exhibition at Goldsmiths' Hall Foster Lane London EC2*. London: Worshipful Company of Clockmakers, 1987. ¶ 30 cm. 56 pp. Illustrated. Printed wrappers; bumped corners. \$ 10

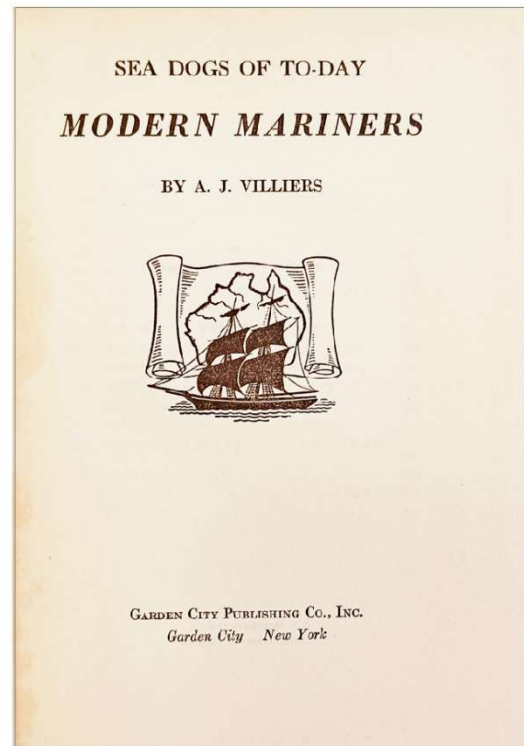
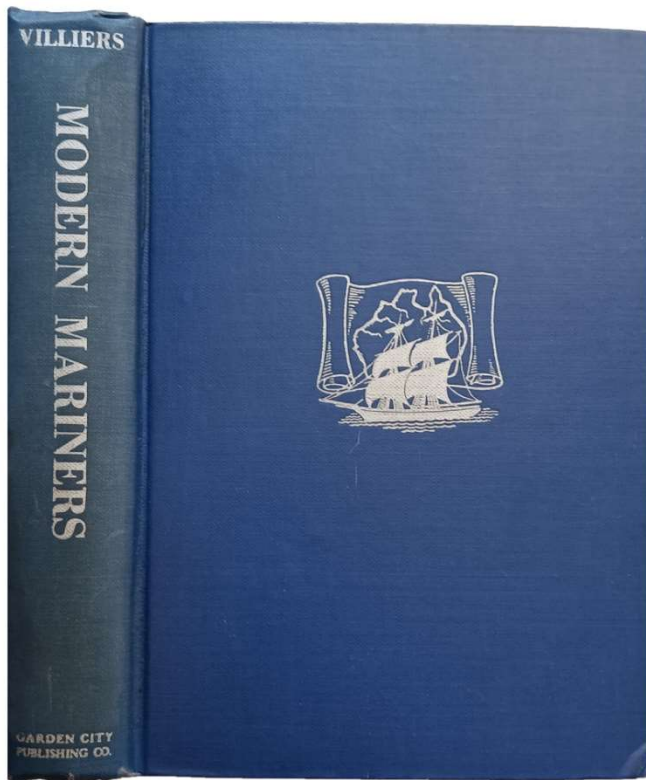
□ Maritime



BL3520 PARRY, J.H. *The Discovery of the Sea*. New York: Dial Press, 1974.

¶ Oblong 26cm. xv, 302 pp. Illus., index. Gilt-stamped beige cloth, dust jacket; edge bumped, jacket edges torn. Very good.

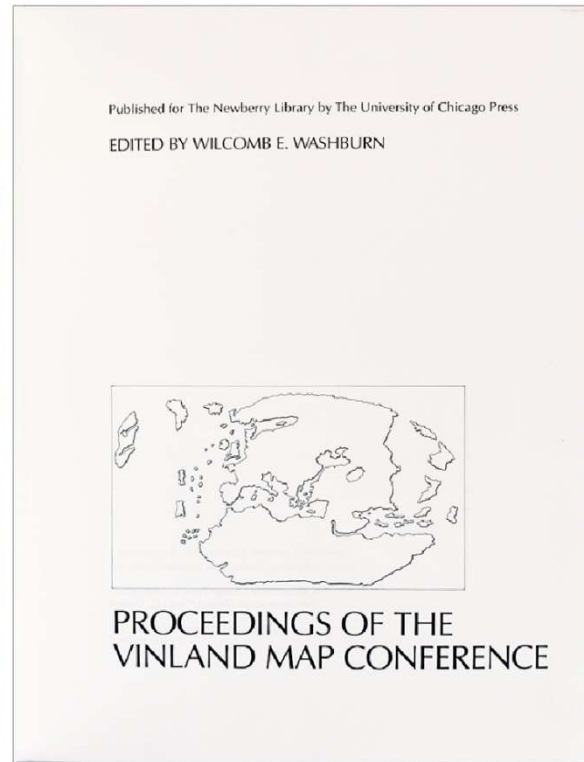
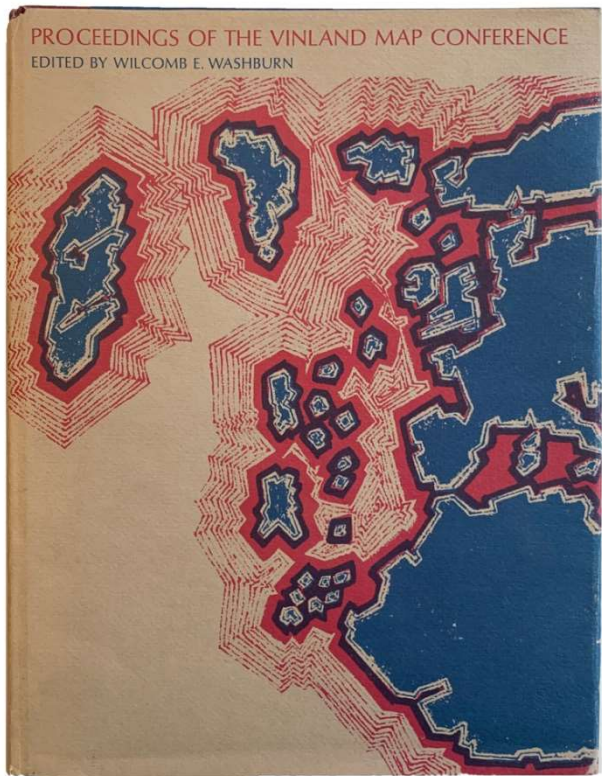
\$ 9



BL3607 VILLIERS, A. J. *Sea Dogs of To-day; Modern Mariners.*

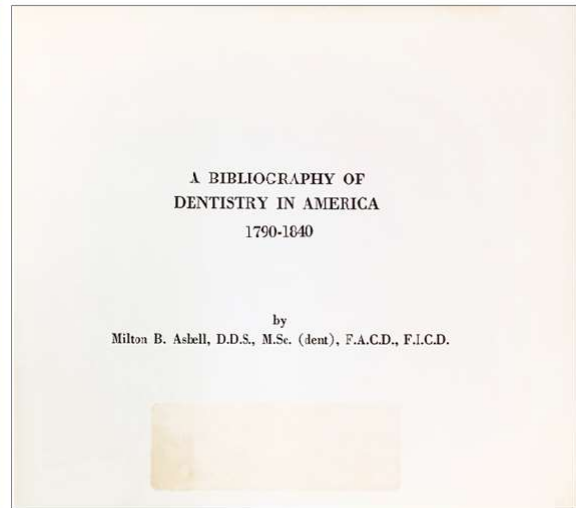
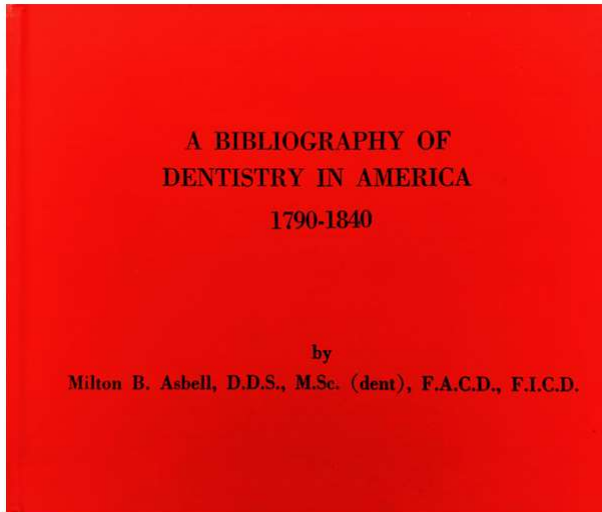
Garden City: Garden City, 1937. ¶ First edition. 8vo. xvii, 325 pp. Frontis., illus., appendix. Silver-stamped blue cloth; corner bumped. Very good.

\$ 7

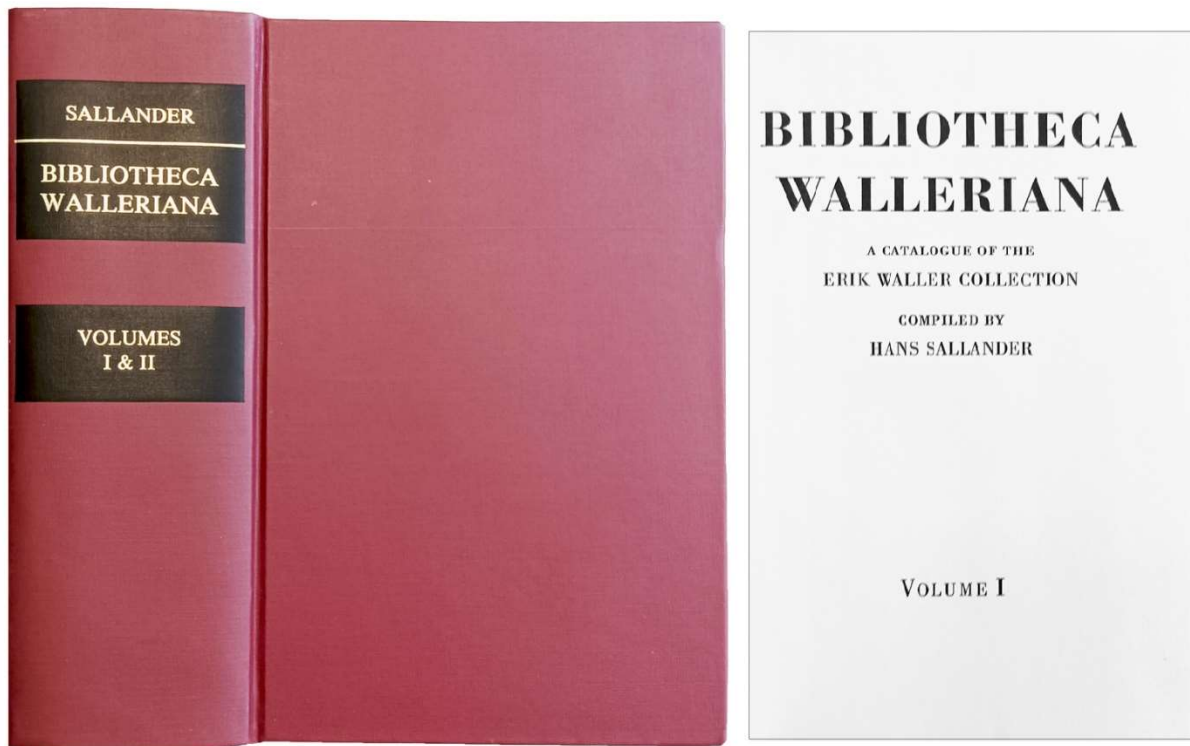


BL3612 [Vinland Map] WASHBURN, Wilcomb E. (editor). *Proceedings of the Vinland Map Conference*. Chicago: University of Chicago Press, 1971. ¶
Studies in the History of Discoveries, The Monograph Series of the Society for the History of Discoveries. 4to. 185 pp. Illustrations, bibliography. Quarter gilt-stamped maroon cloth spine over blind stamped blue boards, dust-jacket; corner bumped, jacket spine head small tear away. Burndy bookplate. Very good. \$ 6.95

□ MEDICAL BIBLIOGRAPHY



EEG1212 ASBELL, Milton B. *A Bibliography of Dentistry in America 1790-1840*. Cherry Hill, NJ: Milton Asbell, 1973. Oblong. 8vo. ix, [3], 107, [1] pp. Figs. Reddish-orange, black-printed cloth. Near fine. \$ 20

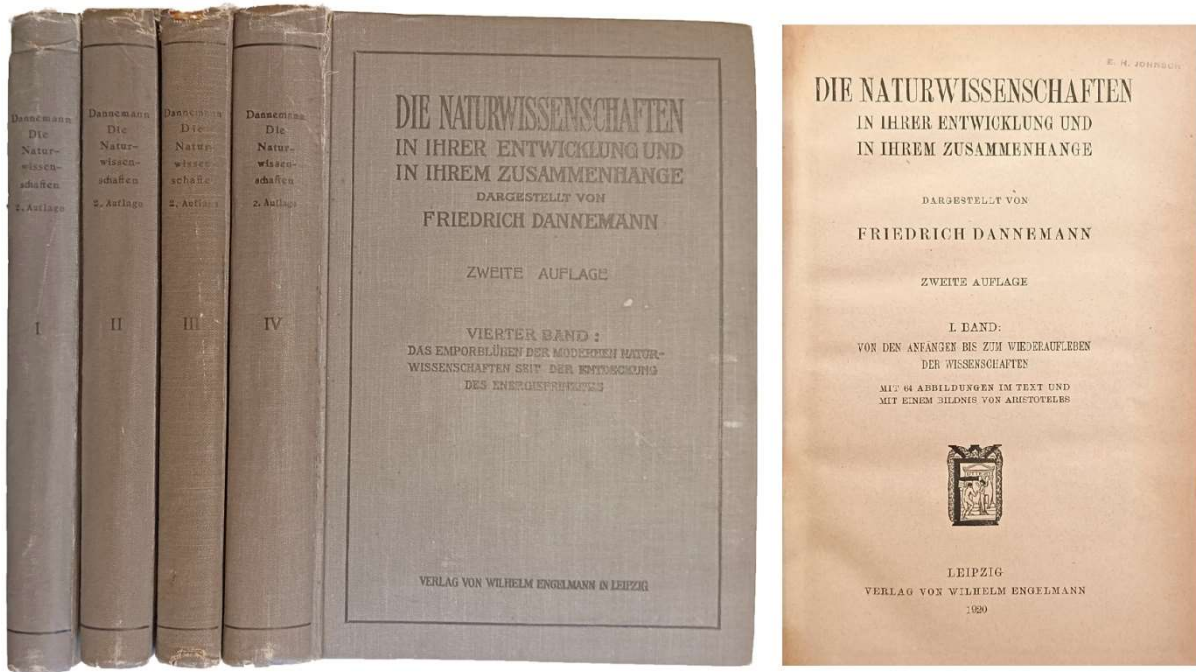


BL3611 WALLER, Erik; Hans SALLANDER. *Bibliotheca Walleriana; The Books Illustrating the History of Medicine and Science, Collected by Dr. Erik Waller and Bequeathed to the Library of the Royal University of Uppsala; A Catalogue . . . Volume I*. Mansfield Centre: Martino, [1992]. ¶ Facsimile of 1955 printing. Thick 8vo. xi, 494, [10] pp. Frontis., index, 55 plates. Gilt-stamped black and maroon cloth. Fine. One of 400 copies.

\$ 30

“Erik Waller (1875–1955) was a Swedish surgeon and book collector. Waller collected some 20,000 important books on science and medicine, including 150 incunabula and other early editions. In his last will and testament he left the whole collection to Uppsala University and its library. A catalogue of the collection was with the greatest competence and care compiled by Hans Sallander and published in two volumes, Uppsala 1955. It includes some fifty plates, reproducing selected interesting items from the collection.”

□ Natural History



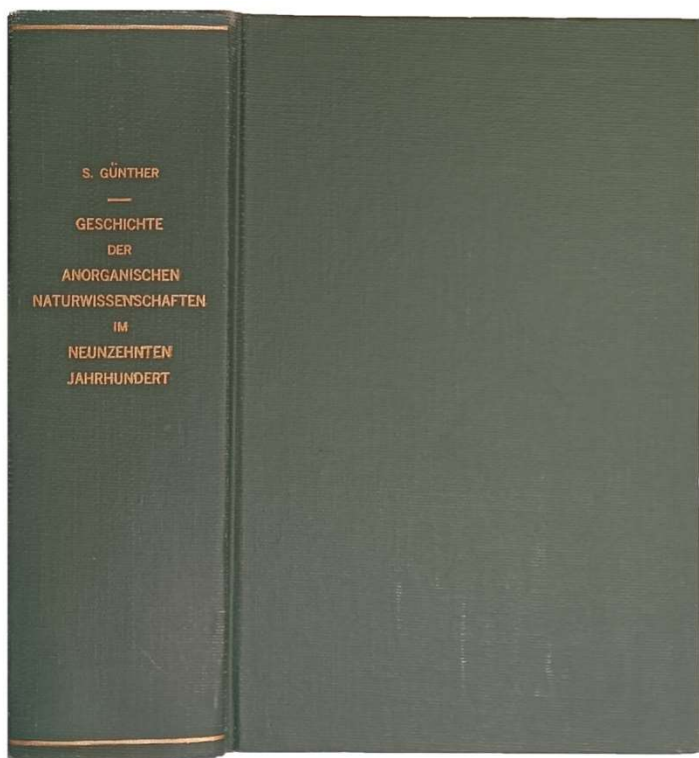
BL3743 **DANNEMANN, Friedrich** (1859-1936). *Die Naturwissenschaften in ihrer Entwicklung und in ihrem Zusammenhange*. Zweite auflage. *Erster Band [I]. Von den Anfängen bis zum Wiederaufleben der Wissenschaften*. II. *Band, Von Galilei bis zur Mitte des XVIII Jahrhunderts*. Bd. III. *Das Emporblühen der modernen Naturwissenschaften bis zur Aufstellung des Energieprinzips*. Bd. IV. *Das Emporblühen der modernen Naturwissenschaften seit der Entdeckung des Energieprinzips*. Leipzig: Wilhelm Engelmann 1920-28. ¶ Dedicated to Eilhard Wiedemann, Josef Wurschmidt, & Edmund O. von Lippmann. 4 volumes. XII, 486; X, 508; XI, 434; XII, 630 pp. Frontispieces (Aristotle, Galileo, Gauss, Hemholtz), 64, 132, 65 + 74 illus., index. Original black-stamped gray cloth; hinges with some splitting, some fraying at spine ends. Rubber-stamp on title of E.H. Johnson. Good.

\$ 95

Translated title: *The natural sciences in their development and in their context*. Second edition. *First volume [I]. From the beginnings to the revival of science*. II. *Volume, From Galileo to the middle of the XVIII century*. Vol. III: *The flourishing of modern science up to the establishment of the principle of energy*. Vol. IV. *The flourishing of modern sciences since the discovery of the energy principle*.

George Sarton, *A Guide to the History of Science*, states “this is still today the largest history of science available in any language. It is elementary and imperfect, yet DANNEMANN was a pioneer and deserves our gratitude. Wolf’s work is partly derived from it.” – p. 118.

PROVENANCE: Elbe Herbert Johnson, whose first name was pronounced “El bee”, taught physics at Kenyon College for forty-one years. He was born in Traverse City, Michigan in 1887 and graduated from Olivet College in Michigan in 1911. After three years of graduate work at the University of Wisconsin, he joined the Kenyon faculty as an Assistant Professor of Physics and Chemistry in 1914. The following year he became an Associate Professor of Physics, and was promoted to Professor in 1918. Meanwhile he was doing graduate work at the University of Chicago in the field of spectroscopy, and received his doctorate in physics in 1926. He published a laboratory manual, and was well-known for his course in the history of physics. For many years he was the sole faculty member teaching physics at Kenyon. Professor Johnson retired in 1954, moved to Danville, Ohio, where he added to his large collection of clocks, and died in 1967. He wrote on Johannes Kepler (1931). See: JOHANN KEPLER. 1571-1630. A Tercentenary Commemoration of His Life and Work. A Series of Papers Prepared Under the Auspices of the History of Science Society. Special Publication, no.2 of the History of Science Society.- Contributions by A.S. Eddington, W.C. Rufus, D.J. Struik, E.H. Johnson, F.E. Barsch.



BL3750 **GÜNTHER, Sigmund** (1848-1923). *Geschichte der anorganischen Naturwissenschaften im neunzehnten Jahrhundert*. Berlin: Georg Bondi, 1904. ¶ 1-3 Thousand. Series: *Das neunzehnte Jahrhundert in Deutschlands Entwicklung*, Band V. Thick 8vo. XIX, 984 pp. 16 portraits, index. Green library buckram. Very good.

\$ 12

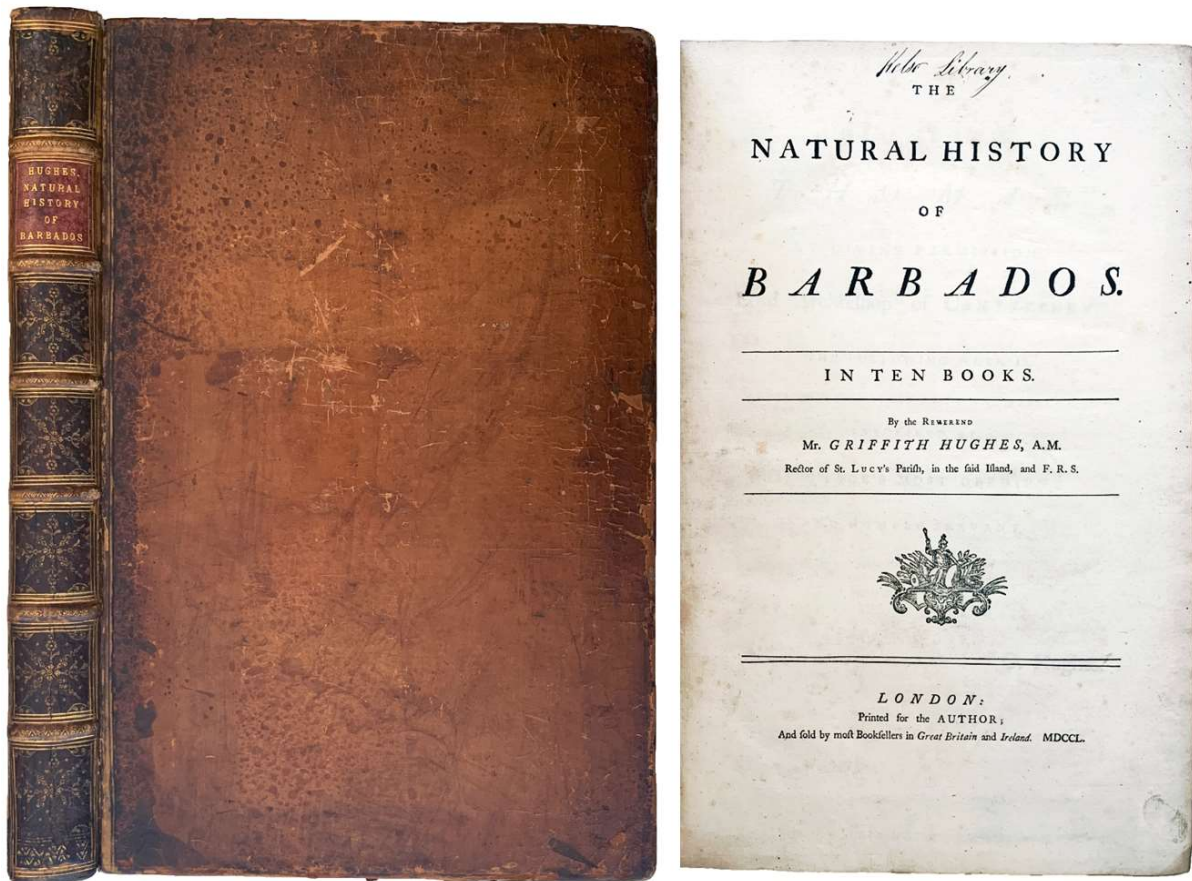
Adam Wilhelm Sigmund Gunther was a German geographer, historian of mathematics and natural sciences. He graduated from University of Erlangen in 1865. Since the study geography did not exist, Gunther studied mathematics and physics. This is his monumental history of the nineteenth century inorganic sciences.

HUGHES [next page]



To His Royal Highness
FREDERICK,
Prince of Wales.
This Plate is most humbly Inscrib'd
&c.

G. D. Chet. delin. & fecit



M13164 **HUGHES, Griffith** (1707-c.1758). *The Natural History of Barbados. In Ten Books*. London: Printed for the Author; And sold by most Booksellers in Great Britain and Ireland, 1750. ¶ Folio 13.75 x 8.75 inches; 349 x 223 mm. [2, title (verso blank)], [2, dedication to Thomas [Hering], Archbishop of Canterbury (verso blank)], vii, [1, Errata], [10, "A List of the Subscribers"], [1, "The Contents"], [1, "Authors Quoted" and "Texts of Scripture Cited or Illustrated"], 250, 251*-254*, 251-314, [7, Explanatory Notes], [1, blank], [4, Addenda], [7, Index], [1, blank] pp. Pages 116 and 117 misnumbered 115 and 116. Large folding engraved map, "A Map of the Island of Barbados," by Thomas Jefferys, Geographer, and 30 engraved plates (22 of which are botanical) by R. Austen, George Bickham, George Dionys Ehret, and J. Mynde, after Ehret and Bickham. Each of the plates is dedicated to one or more of the subscribers (mainly royalty and peerage). Engraved head-piece vignette, "A Prospect of Bridge-Town in the Island of Barbadoes," on pages 1, 31, 61, 188, and 251, and engraved head-piece showing a swag of fruit and flowers (at pages 43, 97, 121, and 141). Decorative woodcut head- and tail-pieces and initials; a2 with clean tear, folding map with short tear into the image (repaired on the verso), and with lower right edge creased,

short tear to upper margin of pages 107/108 and 109/110, same location on pl. IV (facing p.111), some offsetting of the plates, with occasional offsetting and bleed-through from text and woodcut tail-pieces. Contemporary calf, spine decoratively tooled in gilt in compartments with six gilt-decorated raised bands and red leather label ruled and lettered in gilt; neatly rebacked, with original spine laid down, binding rubbed and worn. Armorial bookplate of James Dickson Esqr. of Ednam in the County of Roxburgh; early ink ownership inscription at head of title: Kelso Library. A very good copy.

\$ 5,000

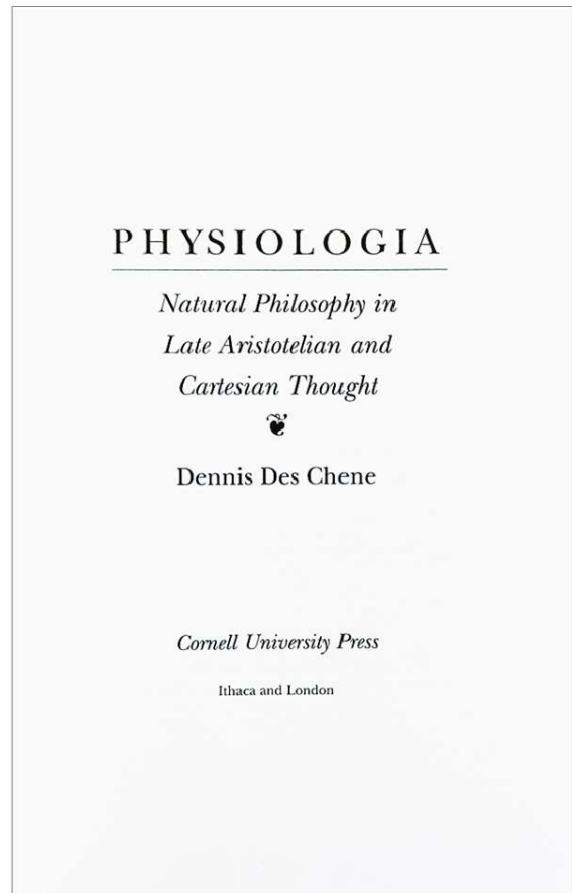
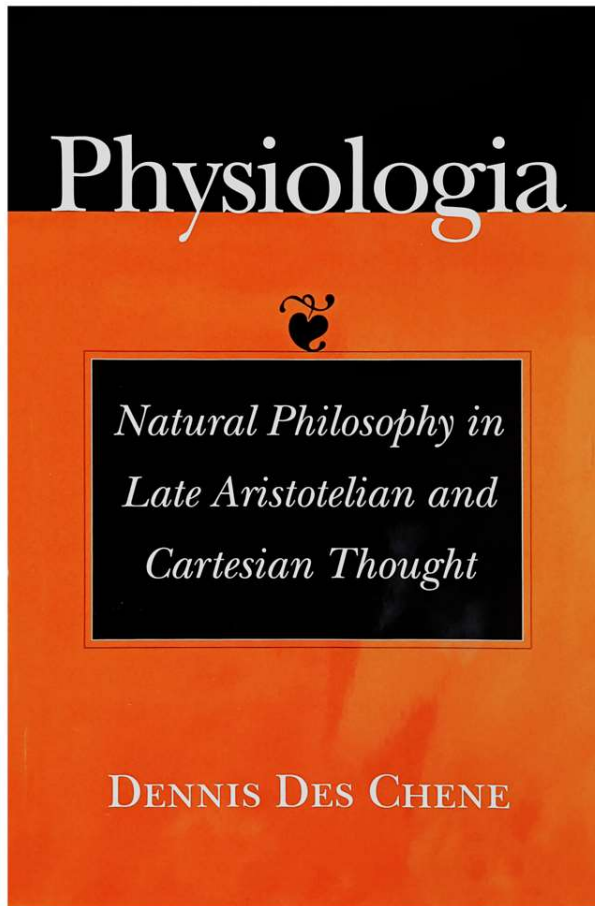
First edition. “Not a great deal is known concerning Griffith Hughes. He was born perhaps in Merionethshire about 1707 or 1708 and graduated B.A. and M.A. from St John's College, Oxford, in 1748. Yet just two years later, while rector of St Lucy's parish in the north of Barbados, he brought out his *Natural History of the island*. At that time he was a member of the Royal Society and obviously a competent botanist. . . The book is one to place beside Catesby's *Natural History* (1731[-47]), which also gave some account of West Indian plants, in some instances the same ones, with similar local names. Hughes had an advantage over Catesby in that a majority of the Barbados plates were drawn by Ehret, whereas just three of Catesby's are from that gifted artist's hand. Probably several of the unsigned Barbados plates are also by Ehret, for he may have signed only those that he felt were good. . . The book has many charming features. Not often does a work on natural history contain an index to ‘Texts of Scripture Cited or Illustrated’. It is the model work by the colonial parson who knows his poets and would know all he can of the flora and fauna among which he has come to dwell. Both in style and in philosophy he is a man of his century” – Hunt.

Women and their use of time are commented on by Hughes, in a passage where he also discusses the function of nature painting using shells: “In the section of his *Natural History of Barbados* (1750) devoted to shells [pp.267-286], Griffith Hughes defended the inclusion of women in his audience by stating: ‘I have heard several of the Fair Sex, who are fond of Shell-work, frequently ridiculed, as wasting their Time in a trifling and useless Manner.’ On the contrary, he argued, configuring shells into designs not only answered Joseph Addison's idea of ‘The Beautiful,’ but it particularly suited the ‘Genius of Women,’ who have a facility for putting ‘Shape and Colour artificially . . . together.’ Moreover, it was so much better than ‘murdering their Time in Gaming!’ . . . In these remarks [and others], Hughes included women in his audience and in the heterosocial scene of natural history, yet he delineated for them a distinct relationship to nature and to knowledge,

associating men with natural philosophy and its central attribute of disinterested curiosity and associated women with imagination, artifice, and the need for improvement. . .” Susan Scott Parrish, *American Curiosity: Cultures of Natural History in the . . .* – 2012, p.174.

PROVENANCE: James Dickson (1712-1771) “was born in Stichell, the son of a tenant farmer. Aged about fourteen, young James was apprenticed to a saddler in Kelso. However, he seems to have been a high spirited and mischievous young man for he vandalised the Town Well in the Square, (according to one version by polluting it with a dead cat), then fled the town to escape from punishment. The details of his subsequent career are somewhat obscure but by 1739 he was living in London where he carved out a very successful career as a merchant. It is likely that among his activities he was a prize agent dealing with the sale of ships captured during the wars with France and Spain. (At that time enemy ships and their contents were sold and the spoils shared by the men who had captured them.) He probably also did very well from the capture of Havana in Cuba in 1762, as he would later name his house after this event. In the 1760’s James Dickson returned to his native town, now an extremely wealthy man. He immediately began to acquire land in the district including an area beside the River Tweed, between Oven Wynd and the Old Bridge. Here he built himself a handsome town house - Havannah House - employing as his architect one James Nisbet, also a native of Kelso but with a practice in London. He also bought a number of properties in the Square where he had the Cross Keys Hotel erected. Further afield he bought the barony of Broughton near Peebles, and he became Member of Parliament. for a Scottish Burghs seat. In 1765 James Dickson bought the barony of Ednam from the last of the Edmonstone lairds. Thereafter he styled himself Dickson of Ednam and his house in Kelso was renamed Ednam House. As laird he was an enthusiastic improver, draining and enclosing land, building a water powered mill for making woolen cloth, and encouraging the setting up of a brewery business. The village of Ednam was rebuilt, the houses being roofed with pantiles or slates, and its main street is still today as Dickson planned it. His most ambitious project - for a canal from Kelso to Berwick to allow for the easier export of local produce - was never achieved. He was unable to raise the enthusiasm, or the money, from other local landowners and the plan came to nothing. He died in 1771, aged just 59.” ¶ Sitwell, *Great Flower Books*, p. 104; Hunt 536; McGill/Wood, page 393 (“A standard work on the early natural history of the island”); Jackson p. 369; Nissen, BBI, 950; Pritzel 4319; Sabin 33582.

□ Philosophy



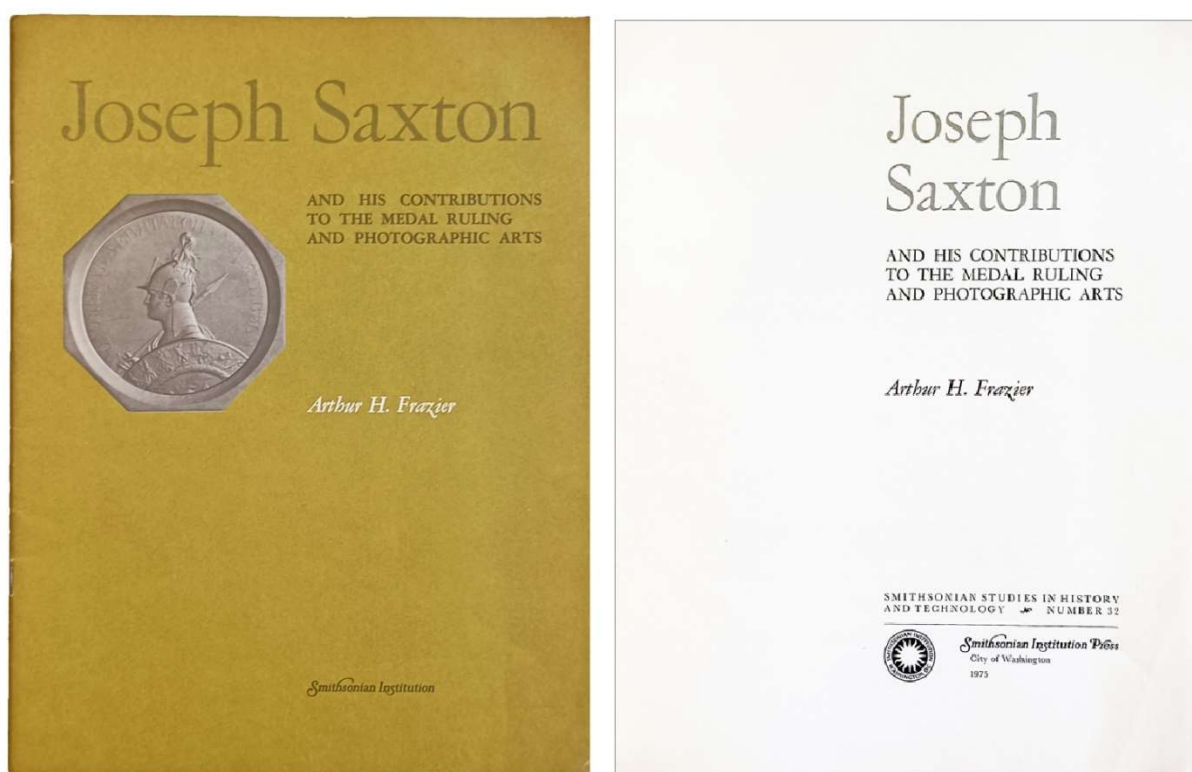
BL3627 **DES CHENE, Dennis.** *Physiologia; Natural Philosophy in Late Aristotelian and Cartesian Thought.* Ithaca: Cornell University Press, 1996. ¶ 8vo. xiii, 426 pp. 21 figures, bibliography, index. Gilt-stamped black title piece over brick colored cloth, dust jacket. Burndy bookplate.

\$ 30

Sixteenth-century Aristotelianism was the culmination of four centuries of commentary and criticism. *Physiologia* is one of the first books to provide an accessible and comprehensive guide to that tradition in natural philosophy. In an incisive and readable treatment, Dennis Des Chene illuminates the continuities and disruptions between medieval and modern philosophy and promotes a new understanding of the philosophical setting in which modern notions of science emerged. [publisher].

Professor Des Chene has published on natural philosophy and the sciences of life in the seventeenth century. Though retired from academia, he has been working on theories of the passions and on animals and automata. Other interests include aesthetics and the philosophy of art, especially of music, and the history and philosophy of mathematics.

□ Photography



BL3540 [SAXTON, Joseph (1799-1873)] FRAZIER, Arthur. *Joseph Saxton and His Contributions to the Medal Ruling and Photographic Arts.*

Washington: Smithsonian Institution Press, 1975. ¶ 28 cm. iii, 17 pp. Illustrated, index. Saddle-stapled green printed wrappers. Burndy bookplate. Near fine.

\$ 8

Joseph Saxton was an American inventor, watchmaker, machinist, and photographer from Pennsylvania. A daguerreotype taken by Saxton in 1839 is the oldest known photograph taken in the United States.

□ MEDIA: Radio & Telephone



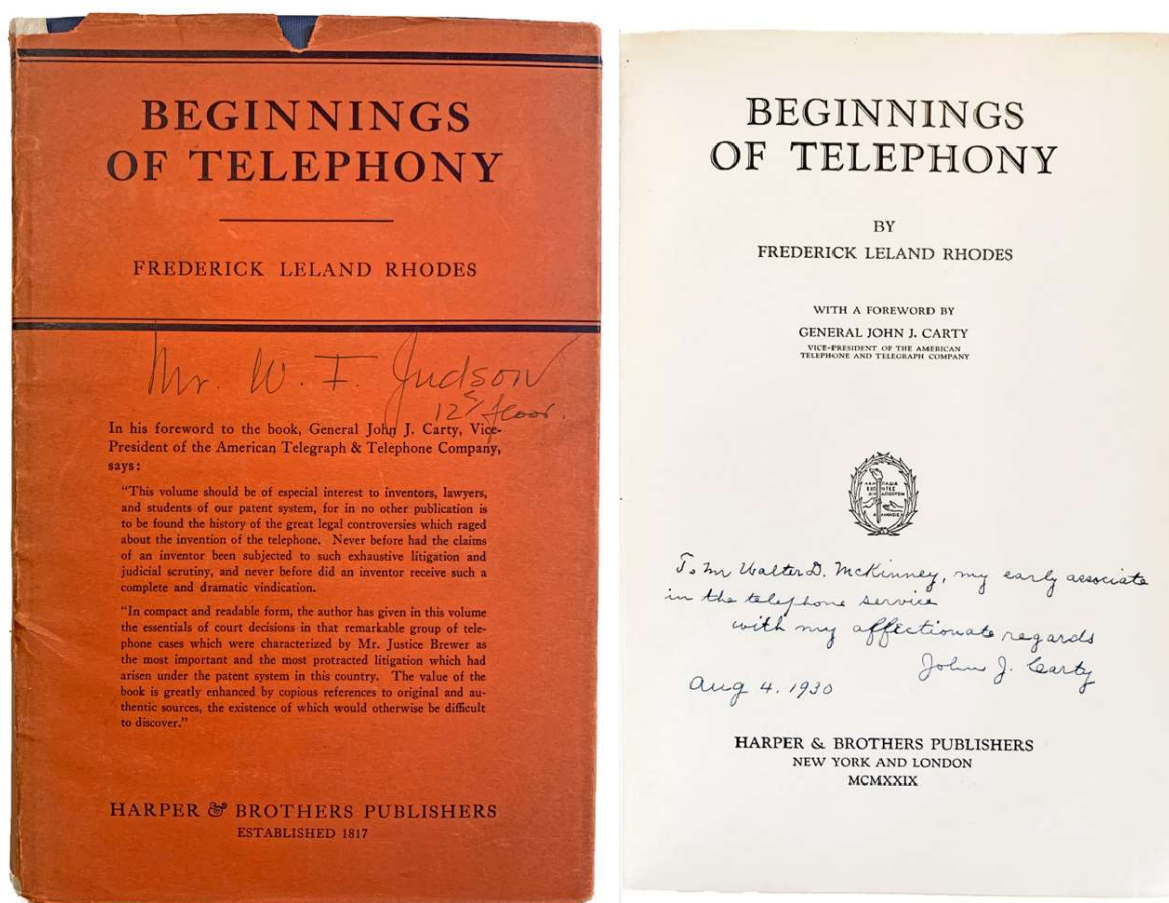
BL3719 [MARCONI, Guglielmo (1874-1937)] Giovanni PAOLONI; Raffaella SIMILI; Accademia Nazionale dei Lincei; Archivio Centrale dello Stato (Italy); Consiglio Nazionale delle Ricerche (Italy). *Guglielmo Marconi e l'Italia : mostra storico-documentaria: Roma 30 marzo-30 aprile 1996*. Roma: Accademia nazionale dei Lincei, 1996. ¶ 8vo 239 pp. Illus. Royal blue printed wrappers; rubber-stamped inside back cover. Burndy bookplate. Fine. RARE.

\$ 18

Marconi (1874-1937) is the father of long-distance radio transmission.

CONTENTS: Indice: Premessa / di Tullio Gregory. Introduzione / di Raffaella Simili. 1. La famiglia e la formazione 2. Dalla collina dei Celestini alle trasmissioni transatlantiche 3. L'incontro con Solari e l'Italia giolittiana 4. Da Nitti a Mussolini 5.

Il Consiglio nazionale delle ricerche 6. L'Accademia d'Italia nel contesto culturale e politico 7. La stagione delle onde corte 8. Ammiratori e biografi.



BL3531 RHODES, Frederick Leland (1870-1933). *Beginnings of Telephony*. With a foreword by General John J. Carty. New York: Harper & Brothers, 1929. ¶ 8vo. xvii, 261 pp. Frontispiece, 53 illustrations, index. Gilt-stamped blue cloth, dust-jacket; jacket chipped, tears repaired with kozo. PRESENTATION INSCRIPTION on title: "To Mr. Walter D. McKinney, my early associate in the telephone service. With my affectionate regards, John J. Carty Aug 4, 1930." Carty, vice-president of the American Telephone and Telegraph Co., wrote the forward to this book. Ownership signature on jacket; Burndy bookplate. Very good. RARE IN JACKET.

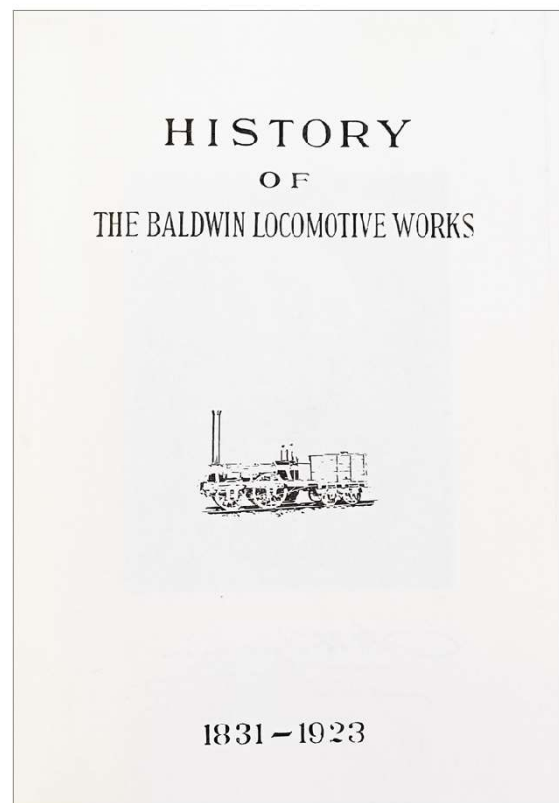
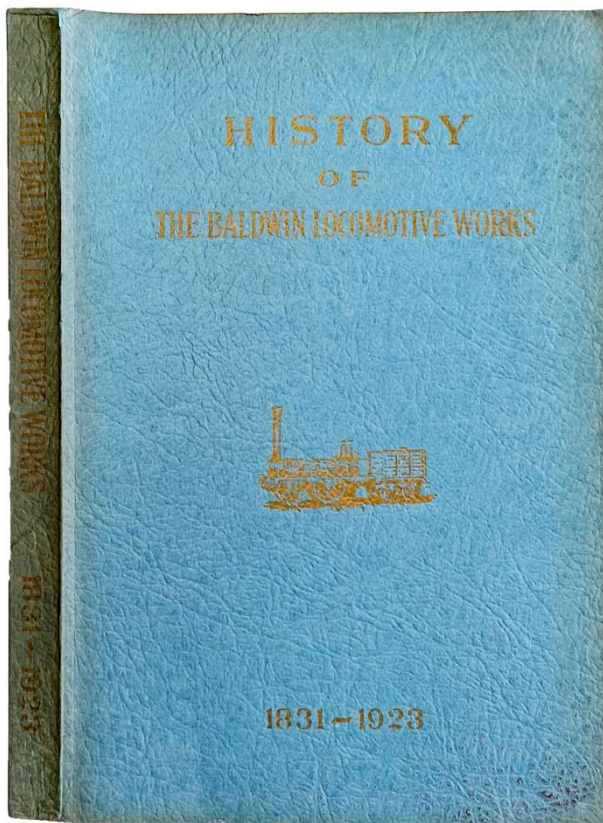
\$ 75

First edition, with presentation by a contributor.

PROVENANCE: Mr. W. I. Judson (name written on jacket, ink) – Inscribed by General John J. Carty (1861-1932), to Walter D. McKinney.

“John Joseph Carty was an American electrical engineer and a major contributor to the development of telephone wires and related technology. He was a recipient of the Edison Medal. As Chief Engineer of AT&T, he was instrumental in the development of the first transcontinental telephone line. Carty was president of the American Institute of Electrical Engineers from 1915 to 1916.” [Wikip.]

□ Railroads



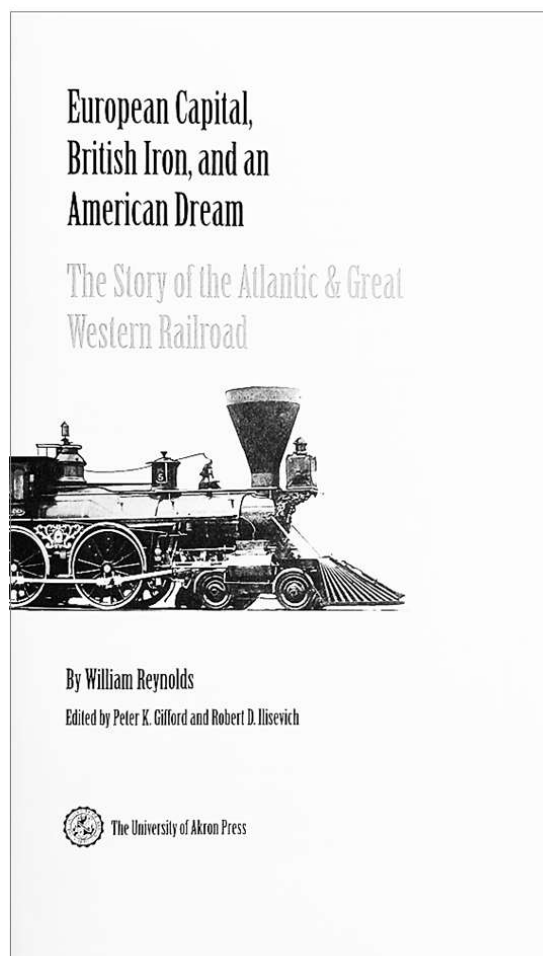
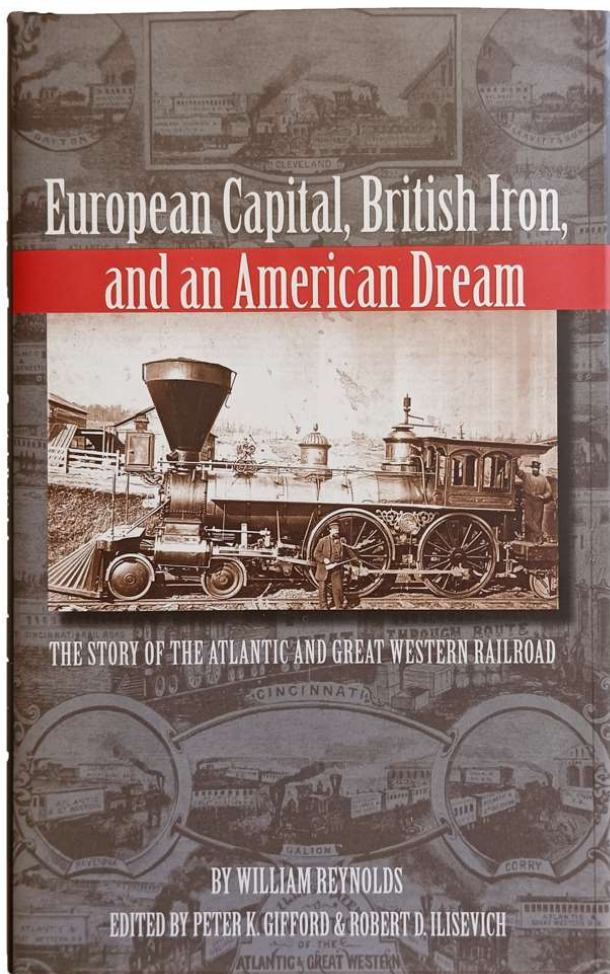
BL3622 [Baldwin Locomotive Works]. *History of the Baldwin*

Locomotive Works. Milwaukee: Old Lin Publishers, 1971. ¶ 8vo. 210 pp.

Frontis., illus., index; frontis. verso corner cut. Blue printed wrappers; extremities rubbed. Very good.

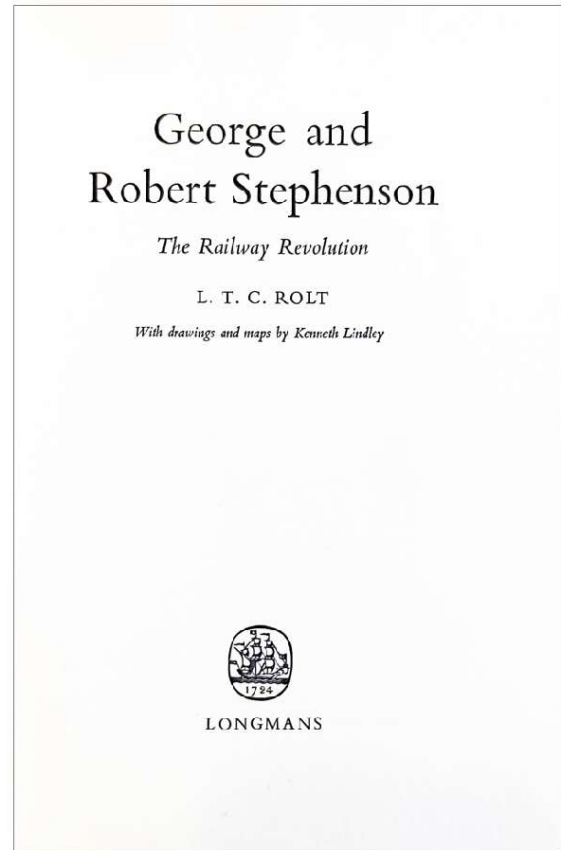
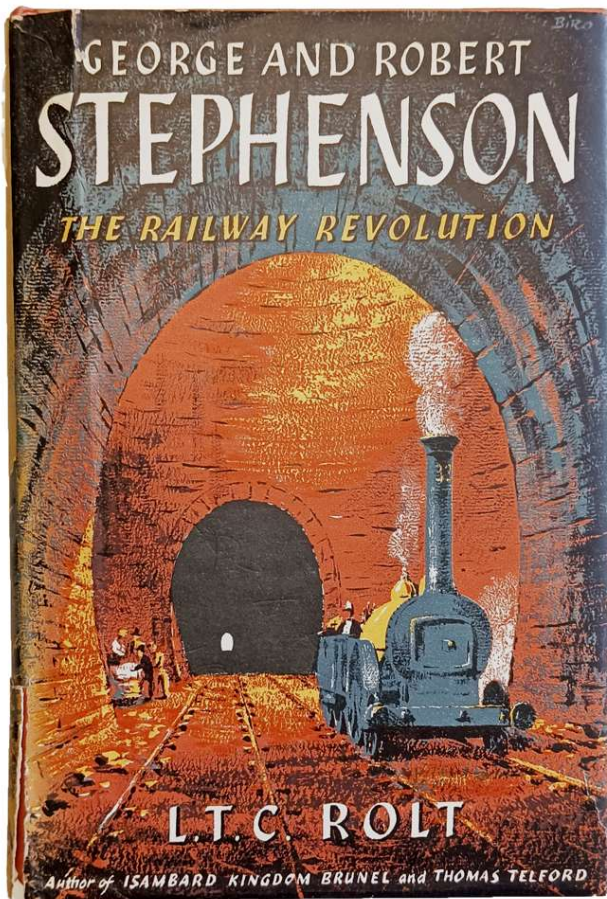
\$ 12

Baldwin Locomotive Works was an American manufacturer of railway locomotives from 1825 to 1951.



The Story of the Atlantic & Great Western Railroad

BL3644 **REYNOLDS, William.** *European Capital, British Iron, and an American Dream: The Story of the Atlantic & Great Western Railroad.* Akron: University of Akron Press, 2002. ¶ FIRST EDITION. 8vo. xviii, 258 pp. Illus., index. Quarter gilt-stamped black cloth over red boards, dust jacket. Burndy bookplate. Fine. \$ 18

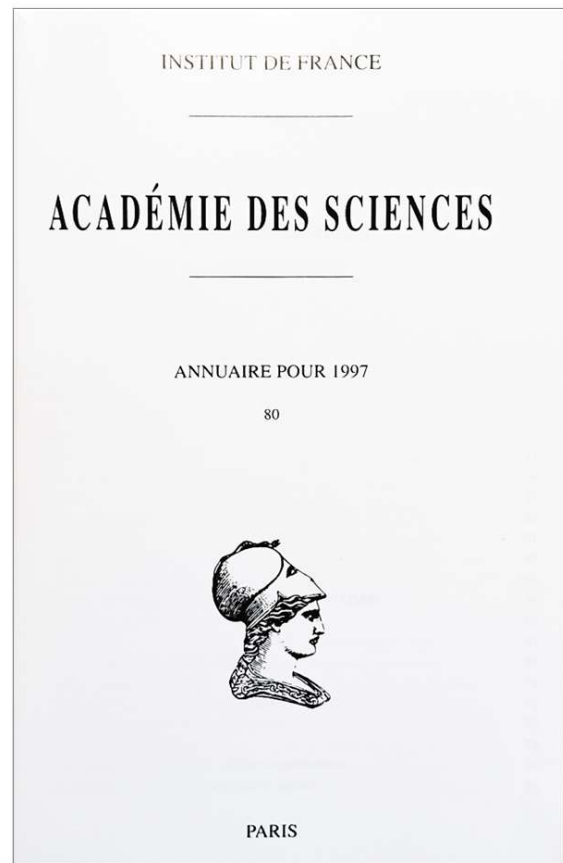
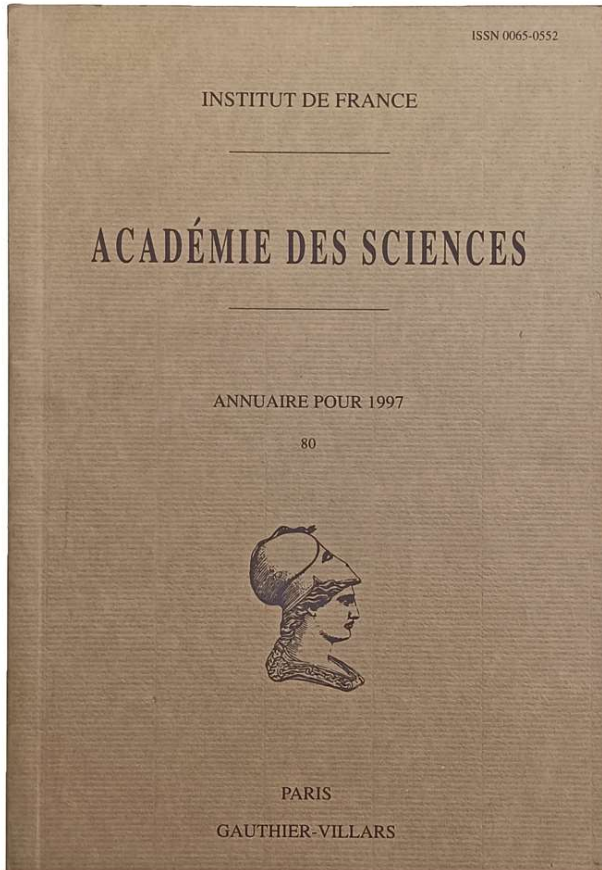


BL3537 [Stephenson, George (1819-1905); Robert Stephenson (1781-1848)]
ROLT, L. T. C. *George and Robert Stephenson: The Railway Revolution*. London: Longmans, 1960. ¶ First edition. 8vo. xviii, 356 pp. Illustrations, index. Gilt-stamped scarlet cloth, dust-jacket; jacket torn. Burndy bookplate. Very good.

\$ 7.95

The story of the family of civil engineers, both of whom made significant contributions, Robert being known as the 'Father of Railways.'

□ HISTORY OF SCIENCE



BL3726 Académie des Sciences, Institut de France. *Annuaire pour 1997*.
80. Paris: Gauthier-Villars, 1997. ¶ 8vo. 181 pp. Illus. (portraits), index. Printed
wrappers. Very good. \$ 6.95

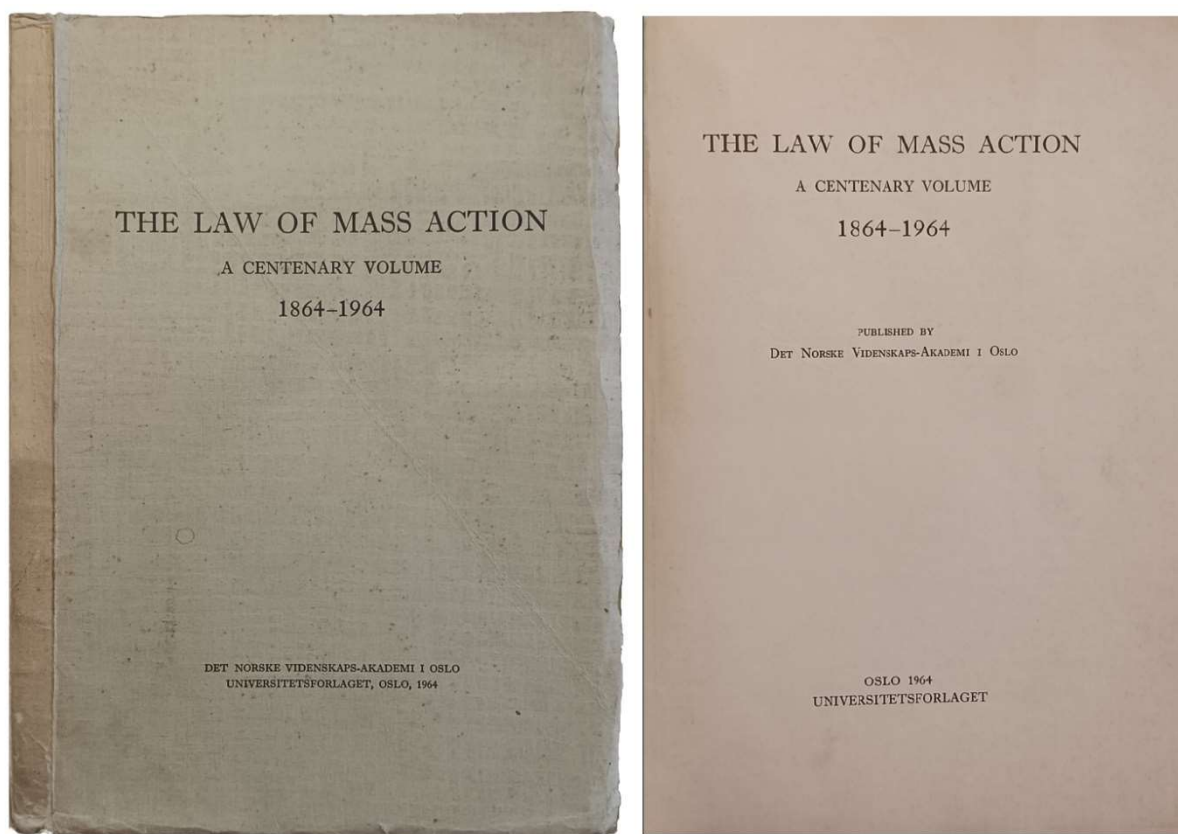


BL3728 **BARFURTH, Dietrich** (1849-1927). *Regeneration und Transplantation; Rückblick auf die Ergebnisse fünfundzwanzigjähriger Forschung.* Wiesbaden: J.F. Bergmann, 1916. ¶ 8vo. (356)-601 pp. Original printed wrappers; edges worn, some chipping, creased, dust-soiled. Good +. RARE.

\$ 25

Original offprint. 'Regeneration and transplantation; review of the results of twenty-five years of research.'

Karl Dietrich Gerhard Barfurth was a German anatomist and embryologist born in Dinslaken. He is remembered for regeneration research of body parts (tissues, limbs, organs, etc.) in animals at the embryonic, larval and adult stages of life. – Wikip.



BL3730 **Norske videnskaps-akademi i Oslo**; **BASTIANSEN, Otto** (1918-1995) (editor). *The Law of Mass Action; a centenary volume 1864-1964*. Oslo: Universitetsforlaget, 1964. ¶ Series: *Det Norske Videnskaps-Akademi*. 8vo. 194 pp. Figs. Pale green printed wrappers; creased. Good +.

\$ 17

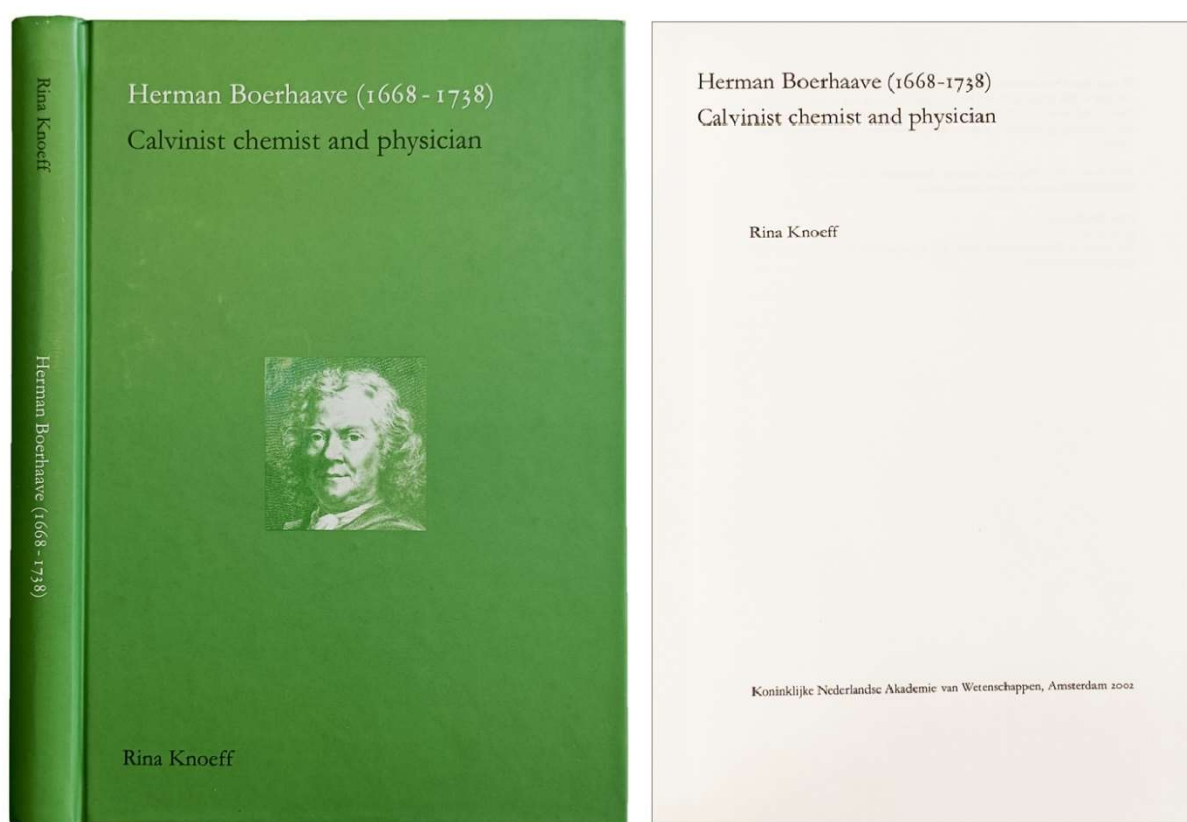
Includes a paper by LINUS PAULING, *The energy of transargononic bonds*.

CONTENTS: Introduction, by O. Bastiansen. -- A facsimile of the original paper of Cato Maximilian Guldberg and Peter Waage, presented by Waage at the Norwegian Academy of Science and Letters on March the 11th 1864 [entitled: *Studier over affiniteten*, in Norwegian] -- Cato Maximilian Guldberg and Peter Waage, by H. Haraldsen. -- Guldberg and Waage and the law of mass action, by E.W. Lund and O. Hassel. -- Some features of chemical kinetics, by J.A. Christiansen. -- An investigation of slow and rapid coagulation of hydrosols by means of a flow ultramicroscope, by B.V. Derjaguin and M. Koudryavtseva. -- Guldberg and Waage's law in the gravitational field, by H. Wergeland. -- Steady states and variational principles, by I. Prigogine. -- Absolute reaction rate theory and the law of mass action, by H. Eyring and S.H. Lin. -- Application of the mass-action law on ionic equilibria in fused salt mixtures, by J. Toguri, H. Flood and T. Førland. -- The

energy of transargononic bonds, by Linus Pauling. -- Notes on molecular geometry and chemical reactivity in connection with the B 12 vitamins, by Dorothy Crowfoot Hodgkin. -- Atomic arrangement in compounds or complexes containing chemical bonds of the charge-transfer type, by O. Hassel. -- Plutonium metal, by W.H. Zachariasen.

Otto Bastiansen as a Norwegian chemist and physical chemist. He was a member of the first anti-nuclear organization in Norway, together with John Engh, Johan Bernitz Hygen and Odd Hølaas, among others.

See: *DSB*, V p. 587; *DSB XIV*, p. 109.



BL3624 [BOERHAAVE, Herman] KNOEFF, Rina. *Herman Boerhaave (1668-1738) Calvinist Chemist and Physician*. Amsterdam:

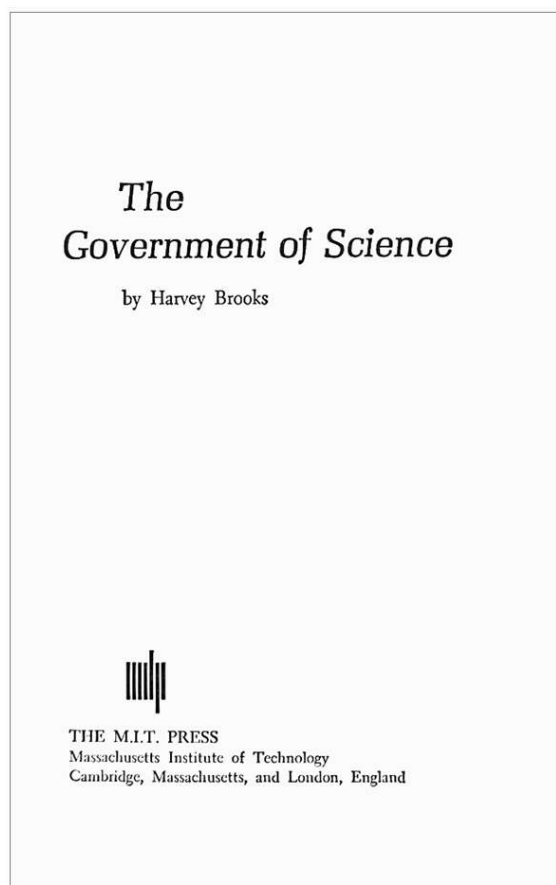
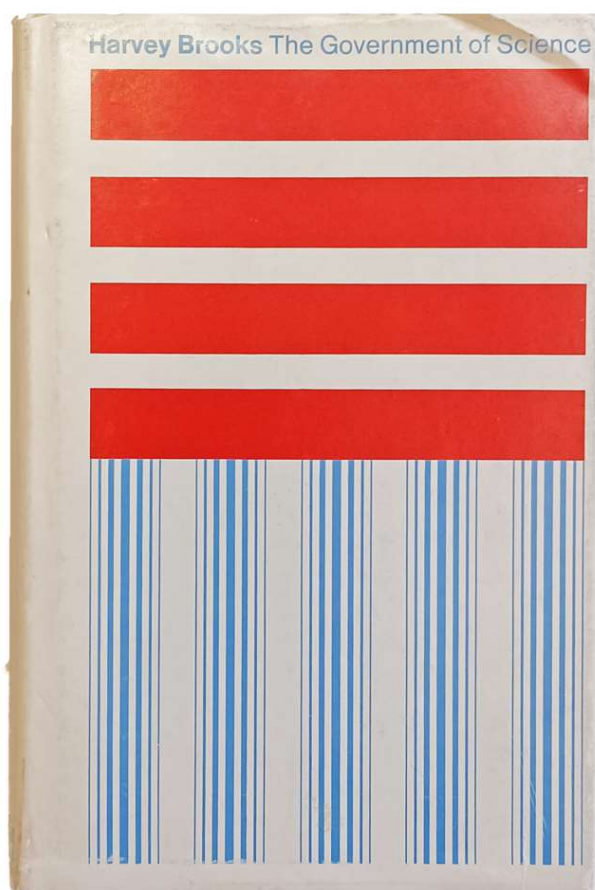
Koninklijke Nederlandse Akademie van Wetenschappen, 2002. ¶ 8vo. xvi, 237 pp. Index. Green boards, with black & white printed titles. Burndy bookplate. Fine.

\$ 20

Herman Boerhaave (1688-1738), holder of three professorships at the University of Leiden, in medicine, botany and chemistry, was a very important medical educator, his fame stretching all the world over. Boerhaave was also known as a very religious

man. Yet historians of science and medicine have not paid much attention to Boerhaave's Calvinism. They have stressed the mechanical aspects of his medicine, while neglecting his religious beliefs and his viewpoints that are alien to modern science. This book shows that Boerhaave's natural philosophy, his chemistry and alchemy as well as their uses in medicine and methodology, are all rooted in Calvinism. In particular, Boerhaave's ideas on the divine nature of fire, the chemical theory of menstrua and the idea of seminal principles demonstrate that Boerhaave presented a Calvinist picture of the world in which the wisdom of God can be seen in the powers peculiar to all creatures.

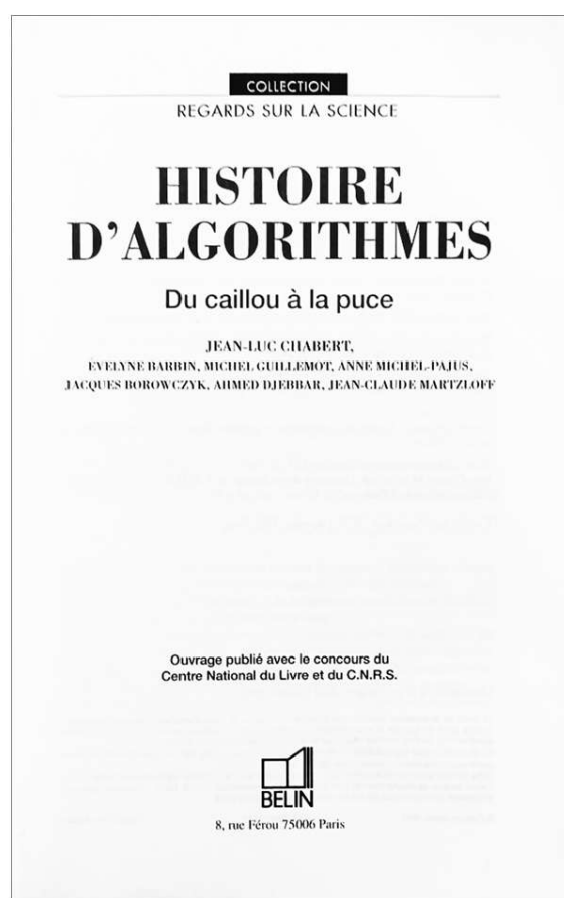
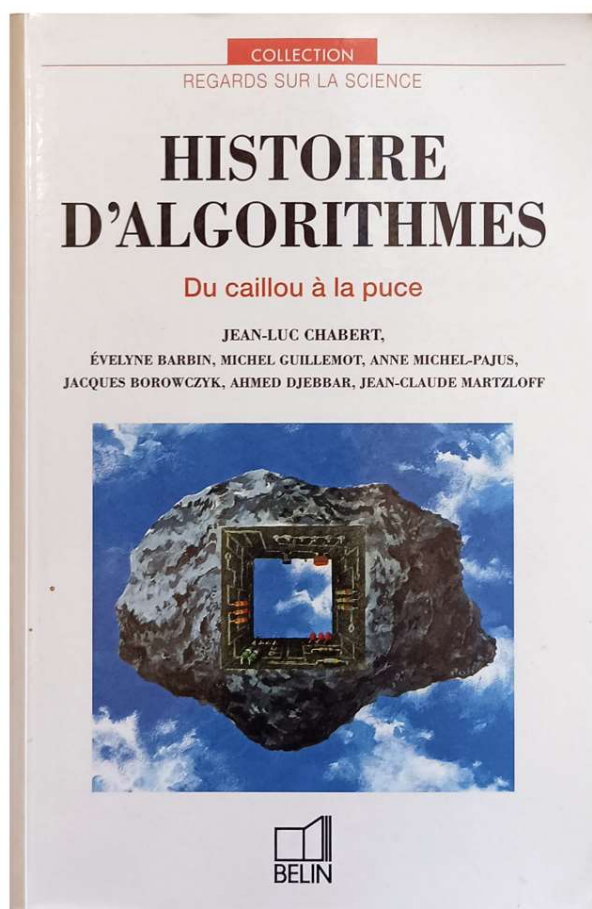
Dr. Rina Knoeff is Director of the Groningen Centre for Health and Humanities Aletta Jacobs School of Public Health.



BL3712 **BROOKS, Harvey** (1915-2004). *The Government of Science*.
Cambridge: The M.I.T. Press, 1968. ¶ 8vo. vi, 343 pp. Index. Blue-stamped beige
cloth, dust jacket; rubbed, jacket edges slightly torn. Burndy bookplate. Very good.

\$ 6

Harvey Brooks was an American physicist, “a pioneer in incorporating science into public policy”, notable for helping to shape national science policies and who served on science advisory committees in the administrations of Presidents Dwight D. Eisenhower, John F. Kennedy, and Lyndon B. Johnson. He was a member of the Harvard faculty for more than 50 years. Brooks last appointment was as Benjamin Pierce Professor of Technology and Public Policy Emeritus in the Kennedy School of Government, and Gordon McKay Professor of Applied Physics Emeritus, in the Division of Engineering and Applied Sciences (DEAS). [See: Harvard John A. Paulson School of Engineering and Applied Sciences].

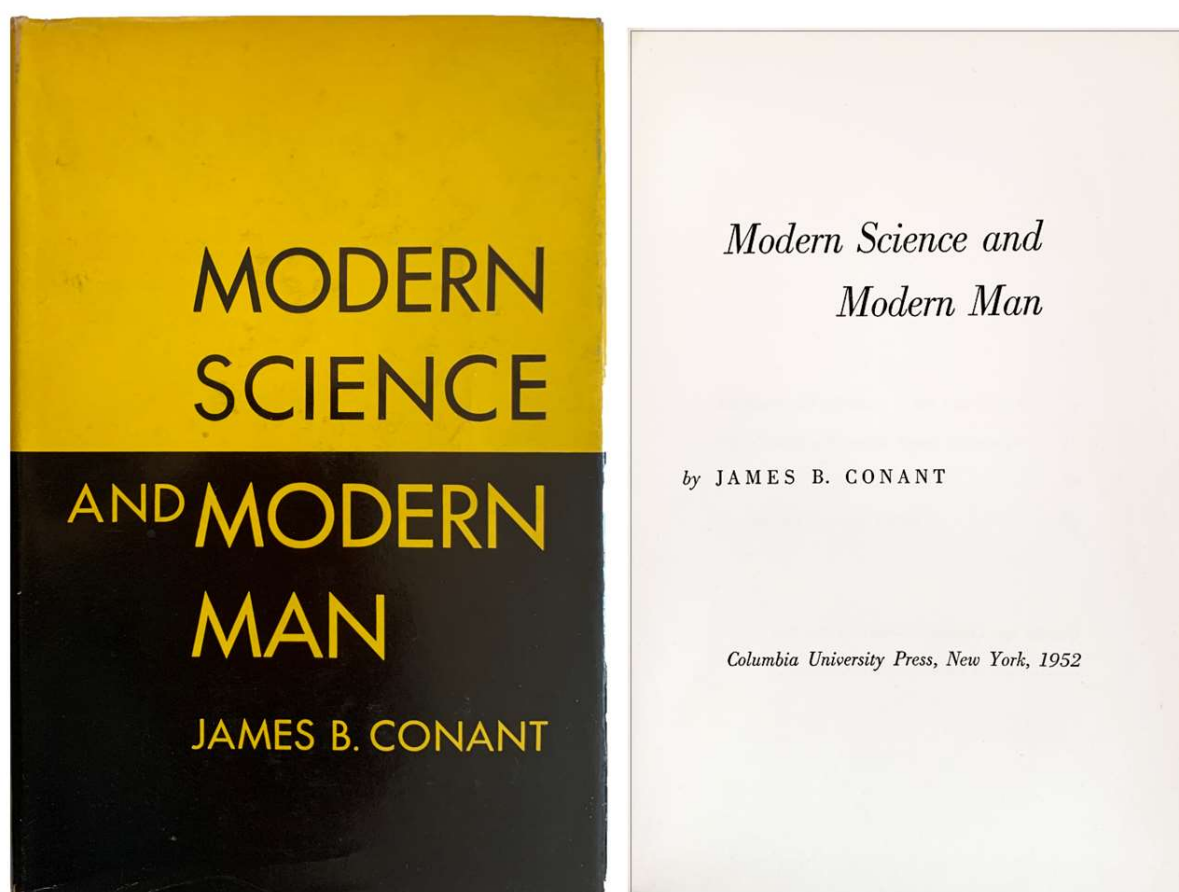


BL3735 **CHABERT, Jean-Luc** (1946-). *Histoire d'Algorithmes, du caillou a la puce. Evelynne Barbin, Michel Guillemot, Anne Michel-Pajus, Jacques Borowczyk, Ahmed Djebbar, Jean-Claude Martzloff*. Paris: Belin, 1994. ¶ Series: *Regards sur la science*. 8vo. 591 pp. Figs., illus., index. Original printed wrappers. Very good.

\$ 10

First edition. This was the sole book-length study of the history of mathematical algorithms, written by seven French historians of mathematics.

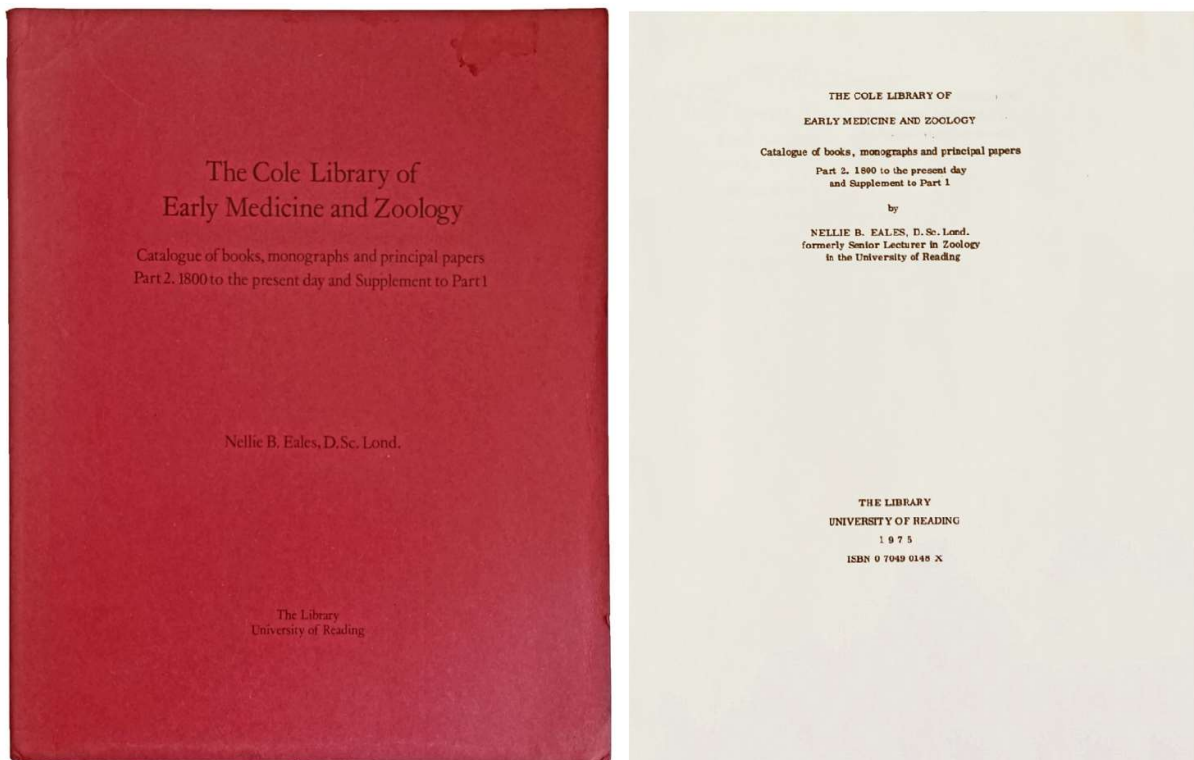
THE CONTRIBUTORS: Jean-Luc Chabert is Emeritus Professor of Mathematics at the University of Picardie. Evelyne Barbin is Professor of Epistemology and History of Science at the Jean Leray Mathematics Laboratory at the University of Nantes. Anne Michel-Pajus is professor of mathematics at the Lycée Claude Bernard, Paris. Jacques Borowczyk (1941-2018) was a lecturer in mathematics at the IUFM in Orléans-Tours. Ahmed Djebbar (1941-) is an Algerian mathematician and professor at the University of Lille. Jean-Claude Martzloff (1943-2018) was Honorary Director of Research at the French National Center for Scientific Research (Chinese studies). In 2009 he was awarded the Ikuo Hirayama prize by the Académie des Inscriptions et Belles-Lettres for his work on the history of Chinese mathematics.



S2169 **CONANT, James B.** (1893-1978). *Modern science and modern man*. New York: Columbia University Press, 1952. ¶ *Hampton Lectures in America*, No. 5. Delivered at Columbia University 1952. 208 x 142 mm. 8vo. [vi], 111 pp. Brown cloth, dust-jacket; jacket lightly rubbed, else fine. Ownership signature of H. Linenthal. Very good copy in jacket.

\$ 20

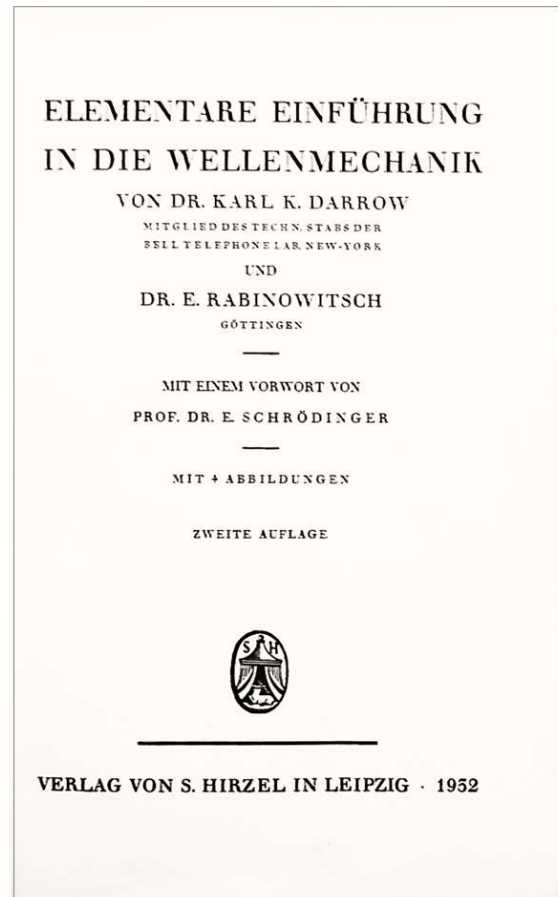
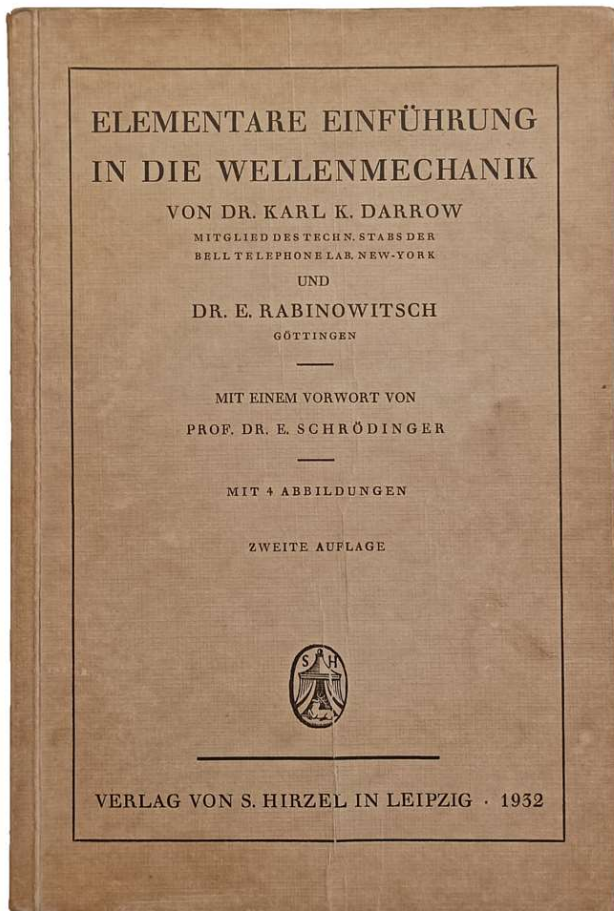
First edition. James Bryant Conant was an American chemist, a transformative President of Harvard University (1933-53), and the first U.S. Ambassador to West Germany. He served as Secretary of State under President Dwight D. Eisenhower.



BL3741 [COLE, F.J. (1872-1959)] EALES, Nellie B. *The Cole Library of Early Medicine and Zoology. Catalogue of books, monographs and principal papers. Part II. 1800 to the present day and Supplement to Part I.* Reading: University of Reading, 1975. ¶ Part II only. 4to. xviii, 428 pp. Original printed red wrappers.

\$ 20

The second part, after the first issued in 1969. Professor Francis Joseph Cole's book collection catalogue of the collection held at University of Reading. Cole wrote the *History of comparative anatomy from Aristotle to the eighteenth century* (1944). A passionate and voracious book collector, Cole amassed over 9000 books just on medicine and zoology. He even built a house to keep his books together and on shelves.



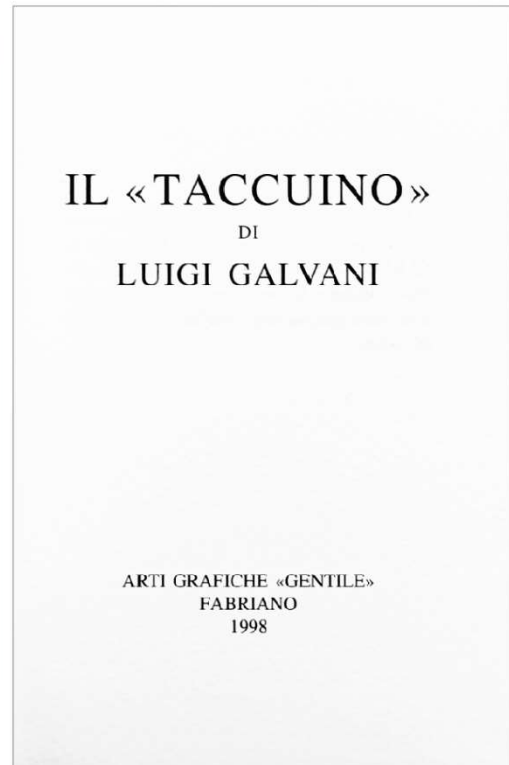
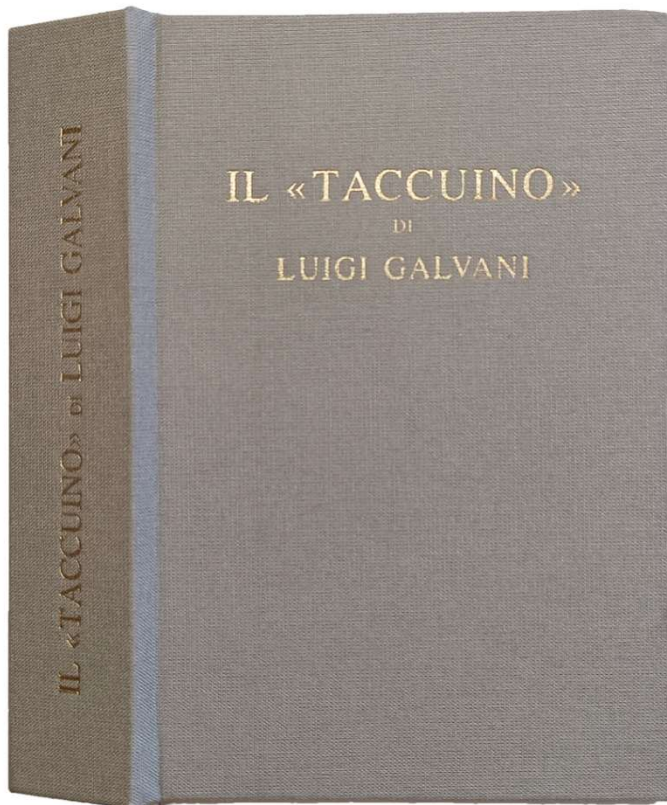
BL3744 **DARROW, Karl K.** (1891-1982); **Eugene RABINOWITSCH** (1901-1973). *Elementare Einführung in die Wellenmechanik. Mit einem Vorwort von prof. Dr. E. Schrodinger.* Leipzig: S. Hirzel, 1932. ¶ *Neue Probleme der Physik und Chemie*, band II. 8vo. VIII, 110 pp. 4 figs. Original printed wrappers. Ownership signature of Hueber. Very good.

\$ 10

Introduction to wave mechanics. Translated from the English and updated by Karl Rabinowitsch. With a foreword by Ernest Schrodinger (who was to win the Nobel Prize in Physics the next year in 1933).

Kelchner Darrow was an American physicist and secretary of the American Physical Society from 1941 to 1967, receiving his PhD from the University of Chicago under Robert A. Millikan in 1917. He worked at Western Electric from 1917 and then Bell Laboratories from its founding in 1925 until his retirement in 1956.

Eugene Rabinowitch was a Russian-born American biophysicist who is best known for his work in relation to nuclear weapons, especially as a co-author of the Franck Report and a co-founder in 1945 of the Bulletin of the Atomic Scientists, a global security and public policy magazine, which he edited until his death. – Wikip.



BL3717 **GALVANI, Luigi.** *Il «Taccuin».*

Fabriano: Arti Grafiche «Gentil », 1998. ¶ 12mo. [vi], xxv pp. 68 ff. [facsimile of MS.], 41, [2] pp. Original gilt-stamped gray cloth. Fine. Burndy bookplate. Scarce.

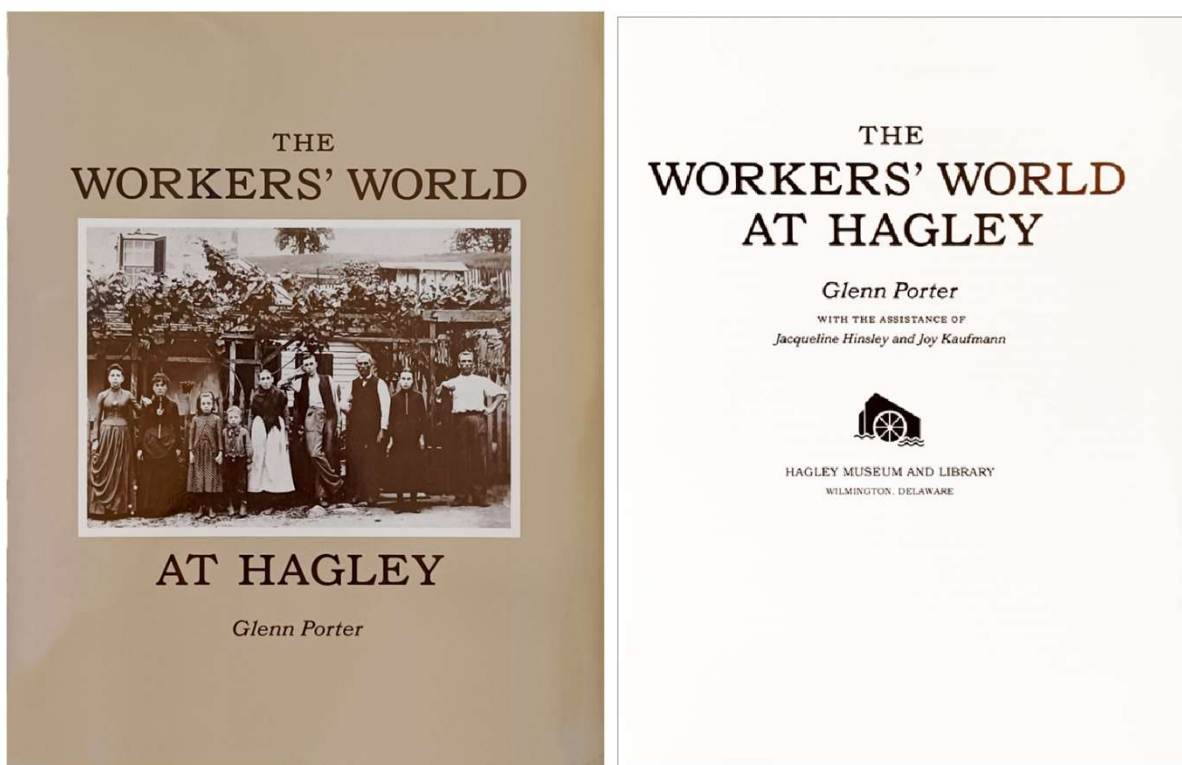
\$ 45

Limited edition of 1000 copies, reprinting the 1937 edition of Galvani's manuscript relating to animal electricity, being "a notebook of Galvani's investigations into torpedoes [a type of electric eel] in the mid-1790's" (*DSB* V: 269).

"In the 1770s the electric organs of the torpedo ray were the subject of Royal Society papers by John Walsh, and John Hunter. These appear to have influenced the thinking of Luigi Galvani and Alessandro Volta – the founders of



electrophysiology and electrochemistry. Henry Cavendish proposed that electric rays use electricity; he built an artificial ray consisting of fish shaped Leyden jars to successfully mimic their behaviour in 1773.” [Wikip.]

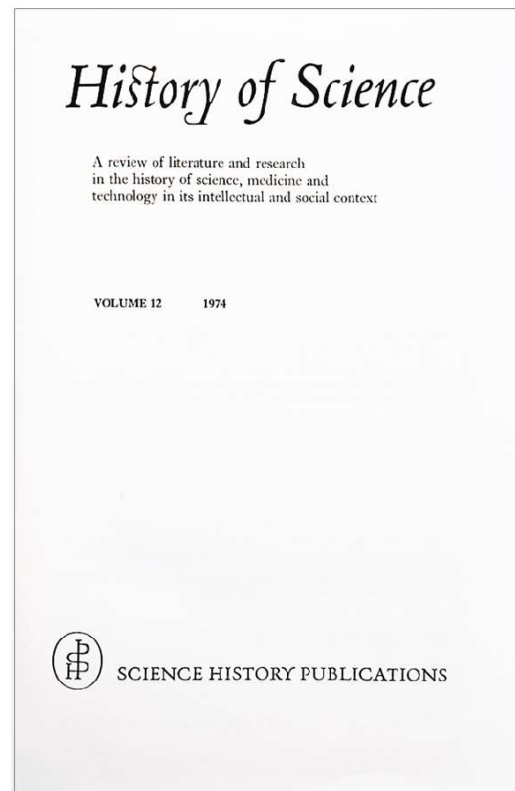
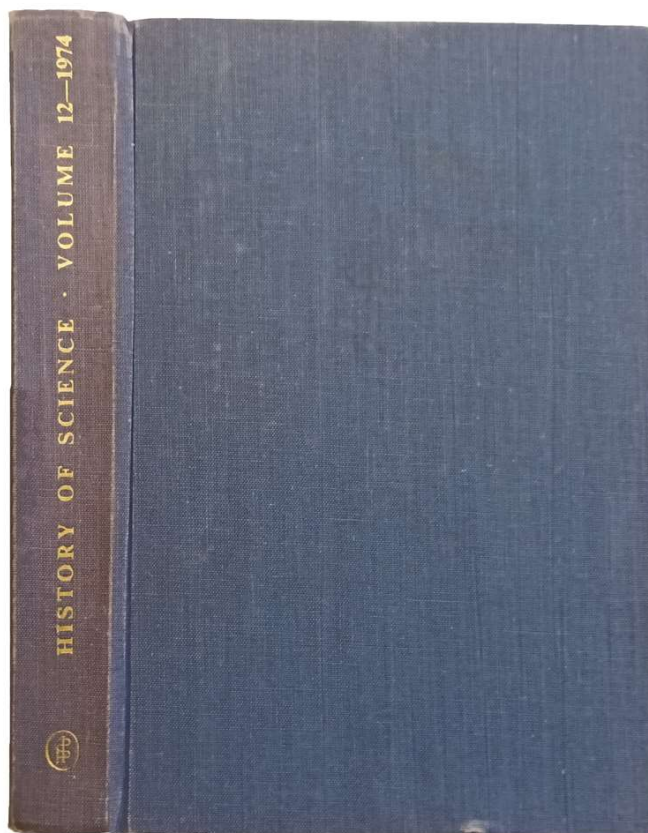


BL3523 Hagley Museum; PORTER, Glenn. *The Workers' World at Hagley*. Wilmington: Hagley Museum and Library: 1992. ¶ Revised edition. 28 cm. 63 pp. Frontis., profusely illustrated; list of photo captions, “list of persons whose oral history interviews are quoted”. Original printed wrappers; bottom sun faded. Burndy bookplate. Fine otherwise. Illustrated look at the condition of du Pont works at the powder mills on the Brandywine. \$ 6.95

BL3752 [History of Science] *History of Science; A review of literature and research in the history of science, medicine and technology in its intellectual and social context. Volume 12*. New York: Science History Publications, 1974. ¶ 8vo. 308 pp. Blue gilt-stamped cloth. Pencil underlining (L. Pearce Williams' copy). Very good. Book reviews: Including: J.B. Morrell, Reflections on the history of Scottish science.

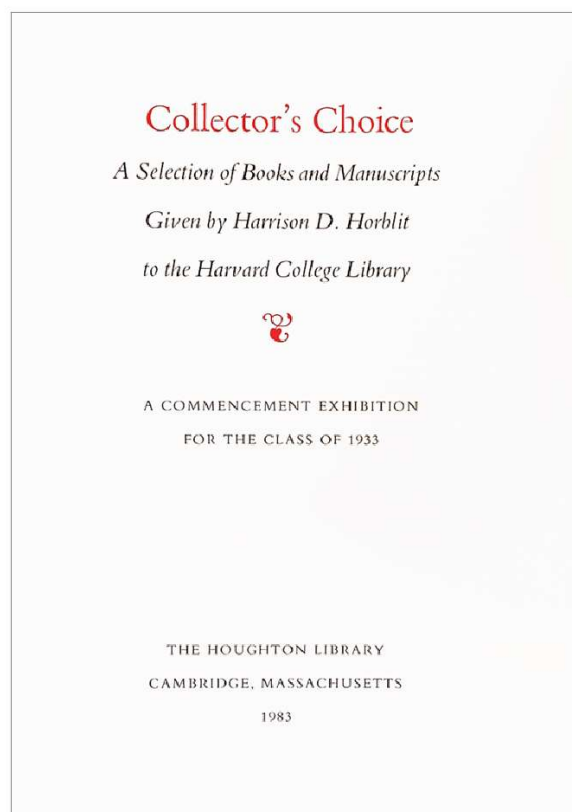
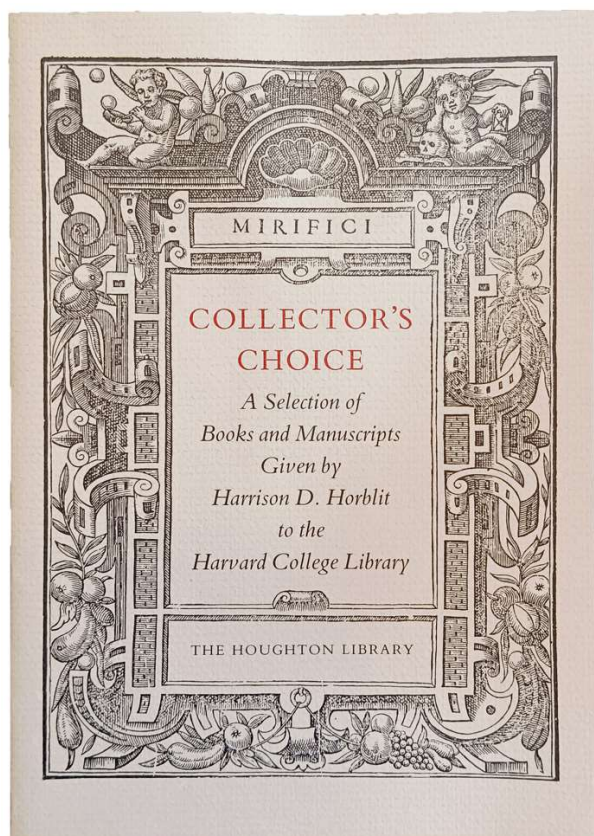
\$ 12.95

Book reviews content: Prosopography as a Research Tool in History of Science: The British Scientific Community 1700-1900 (p. 1) Shapin, Steven; Thackray, Arnold; Swedish Science in the Eighteenth Century (p. 29) Frangsmyr, Tore; "Charles Darwin: The Years of Controversy" by P. Vorzimmer (p. 43) Ruse, Michael; "The Triumph of the Darwinian Method" by M. T. Ghiselin (p. 43) Ruse, Michael; "Wallace and Natural Selection" by H. Lewis McKinney (p. 43) Ruse, Michael; "Greek Medicine" by E. D. Phillips (p. 59) Nutton, Vivian; "The Heart and the Vascular System in Ancient Greek Medicine: from Alcmaeon to Galen" by C. R. S. Harris (p. 59) Nutton, Vivian; "Studien zur Geschichte der Mineralnamen in Pharmazie, Chemie, und Medizin von den Anfängen bis auf Paracelsus" by Dietlinde Goltz (p. 70) Pagel, Walter; Reflections on the History of Scottish Science (p. 81) Morrell, J. B.; The Audience for Science in Eighteenth Century



Edinburgh (p. 95) Shapin, Steven; The Origins and Development of the Scottish Scientific Community, 1680-1760 (p. 122) Christie, John R. R.; Early Newtonianism (p. 142) Jacob, M. C.; History of Science in the Federal Republic of Germany (p. 147) Forbes, Eric G.; "Wolffianisms Genombrott i Uppsala" by Tore Frangsmyr (Book Review) (p. 152) Jonsson, Inge; Evolutionism in the Enlightenment (p. 159) Bowler, Peter J.; Queries, Answers and Unsolved Problems in Eighteenth Century Biology (p. 184) Schiller, Joseph; Recent Paracelsian Studies (p. 200) Pagel, Walter; "Genetics and American Society" by Kenneth M. Ludmerer (p. 212) Gould, Stephen Jay; "Nineteenth Century Aether Theories" by Kenneth F. Schaffner (p. 220) Wilson, David B.; "The Ethereal Aether: A History of the Michelson-Morley-

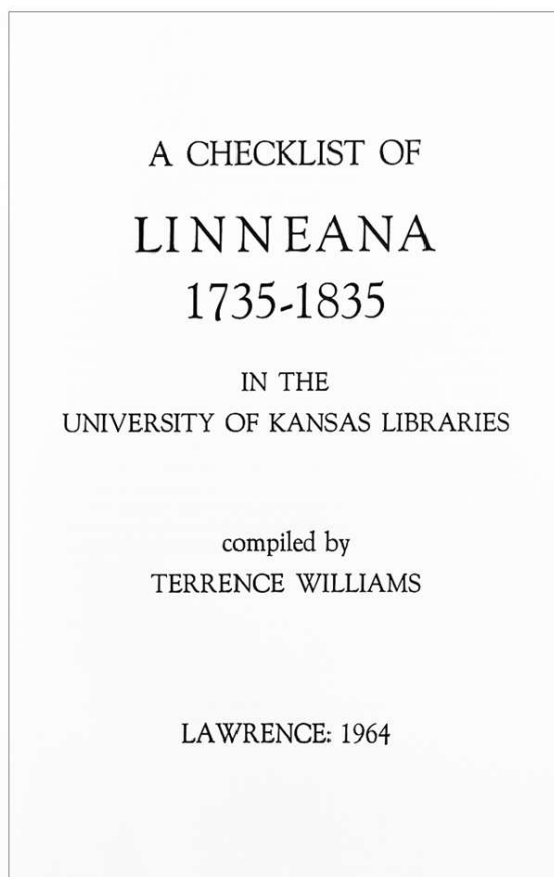
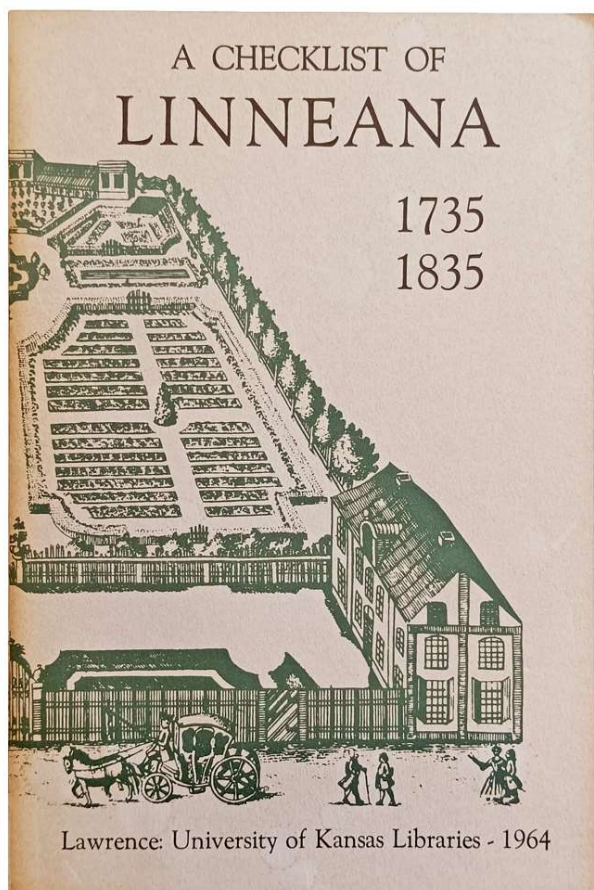
Miller Aether Experiments, 1880-1930” by Loyd S. Swenson, Jr (p. 220) Wilson, David B.; “A Navigator’s Universe. The ‘Libro de Cosmographia’ of 1538 by Pedro de Medina” by Ursula Lamb (p. 227) Waters, D. W.; The Chemical Philosophers: Chemical Medicine from Paracelsus to Van Helmont (p. 235) Debus, Allen G.; Science and Society in Nineteenth Century Anthropology (p. 260) Weber, Gay; Coleridge and Natural Philosophy: A Review of Recent Literary and Historical Research (p. 284) Shaffer, E. S.; “The Discovery of our Galaxy” by Charles A. Whitney (p. 299) Whitrow, G. J.; “The Milky Way: An Elusive Road for Science” by Stanley L. Jaki (p. 299) Whitrow, G. J.



BL3635 [HORBLIT, Harrison D. (1912-1988)] GINGERICH, Owen (Harvard-Smithsonian Center for Astrophysics). *Collector's Choice: a selection of books and manuscripts given by Harrison D. Horblit to the Harvard College Library; A Commencement Exhibition for the Class of 1933*. Cambridge: Houghton Library, 1983. ¶ 8vo. 45 pp. Frontis., Illus. Pictorial printed wrappers. Burndy bookplate. Fine.

\$ 9

Harrison David Horblit was a philanthropist and collector of books, manuscripts, and photographs. Horblit graduated from Harvard University in 1933, then graduated from Harvard Business School and became an executive in textile manufacture. For about 30 years he was president of Colonial Fabrics, a Manhattan company, which closed in 1966 when he retired.



BL3617 [LINNÉ, Carl von (1707-1778)] WILLIAMS, Terrence. *A Checklist of Linneana 1735-1835 in the University of Kansas Libraries.*

Lawrence: University of Kansas Press, 1964. ¶ University of Kansas Publications, Library Series, 20. 23 cm. [x], 73 pp. Index. Original printed wrappers. Very good +.

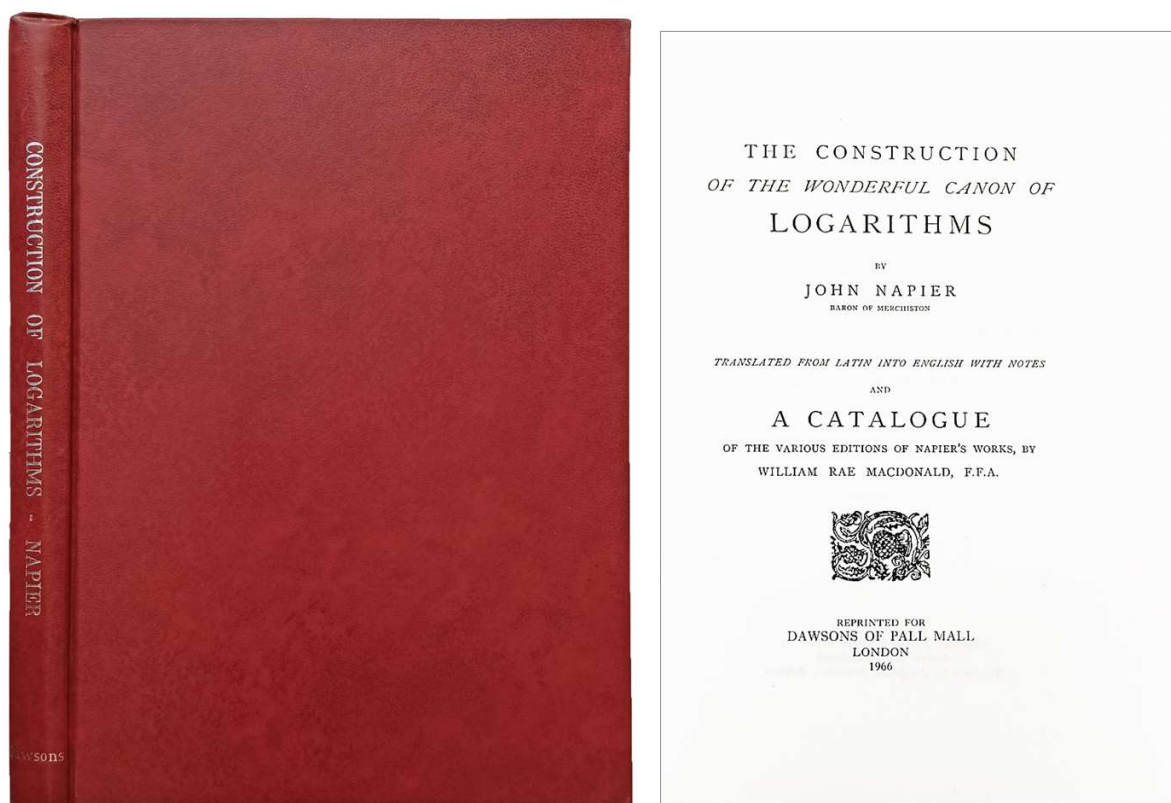
\$ 9

The University of Kansas Libraries collection of Linnaeus is chiefly from the combined collections of Ralph N. Ellis (1908-1945) and Thomas J. Fitzpatrick.

Ellis was “an avid collector of books, particularly those pertaining to natural history and ornithology; he worked diligently to expand his library of Natural History books, especially those pertaining to birds and mammals.”

“In 1914, Fitzpatrick is listed as a “fellow in botany” at the University of Nebraska where he continued until he retired in 1949. He became Assistant

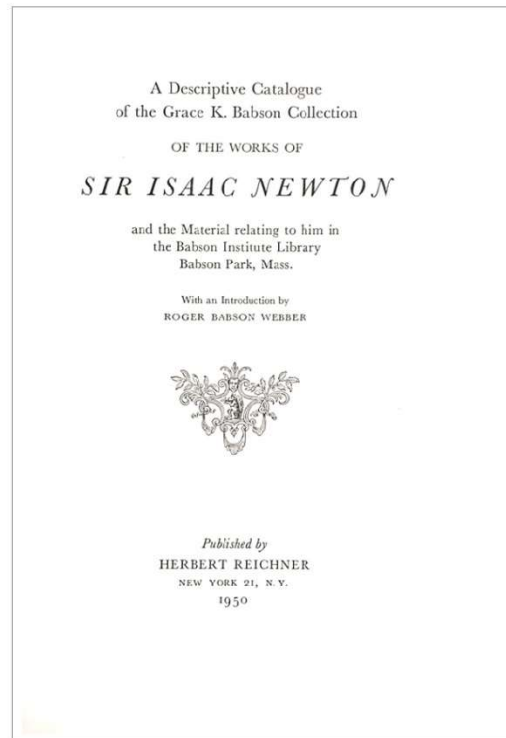
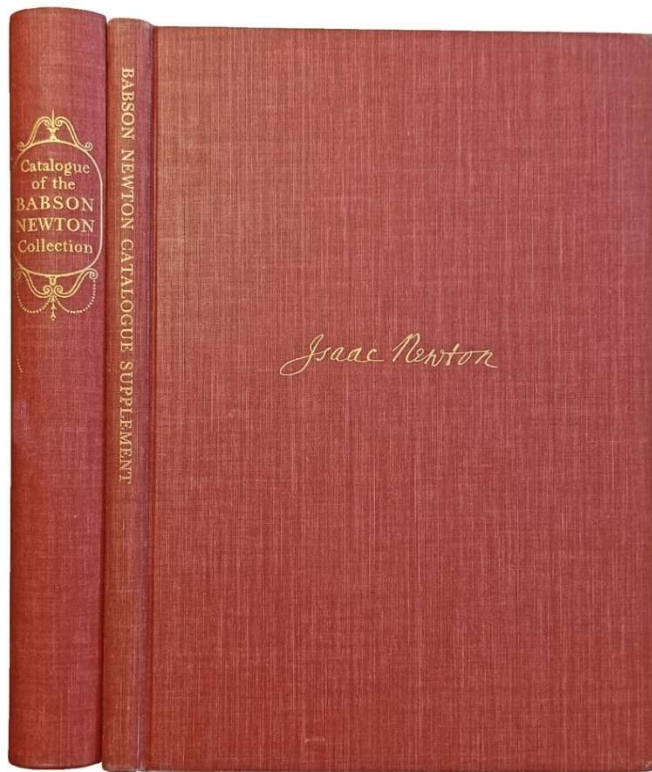
Professor of Botany and Curator of the Herbarium at the University of Nebraska in 1918, a position he held until his retirement. He also served as librarian for the Botany and Mathematics departments. In addition to being a professor and librarian, Fitzpatrick was a bibliomaniac, and at the time of his death in 1952 owned more than 100 tons of books. In 1953 the Kansas City Public Library purchased a portion of Fitzpatrick's mammoth collection, approximately 20,000 items. The scientific works, about 8,000 volumes, were purchased by the University of Kansas, Kenneth Spencer Library."



BL3510 **NAPIER, John** (1550-1617). *The Construction of the Wonderful Canon of Logarithms, Translated from the Latin into English with Notes and a Catalogue of the Various Editions of Napier's Works, by William Rae MacDonald, F.F.A.* London: Dawson's of Pall Mall, 1966. ¶ Reprint of 1889 issue. 8vo. xix, 169 pp. Silver stamped red leatherette. Burndy bookplate. Fine.

\$ 95

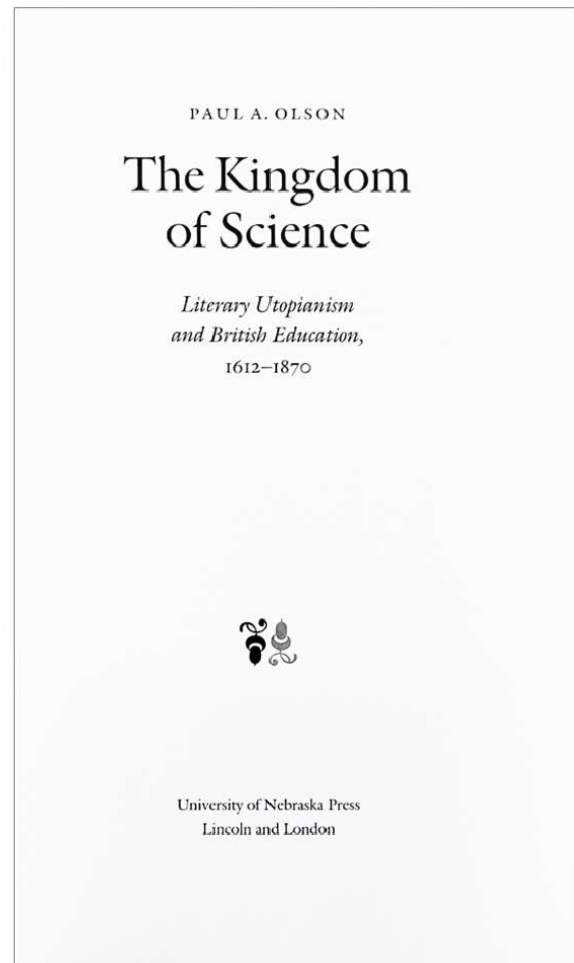
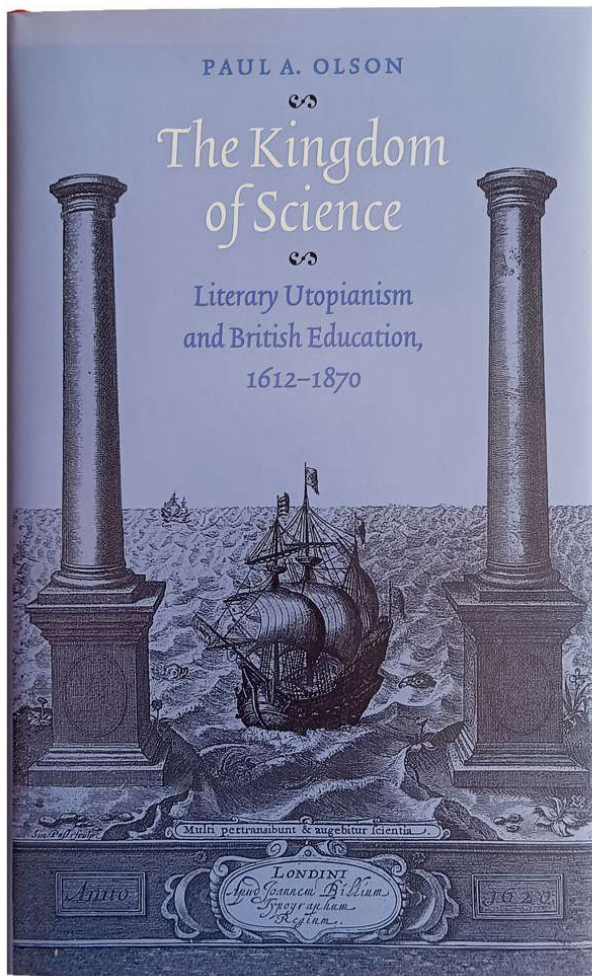
William Rae Macdonald (1843 – 1923) was an actuary, antiquarian and mathematician.



BL3721 [NEWTON, Isaac (1643-1727)] WEBBER, Roger Babson (1924-1984). *A Descriptive Catalogue of the Grace K. Babson Collection of the Works of Sir Isaac Newton and the Material Relating to Him in the Babson Institute Library, Babson Park, Mass.* [AND] MACOMBER, Henry P. *A Supplement to the Catalogue of the Grace K. Babson Collection of the Works of Sir Isaac Newton and Related Material in the Babson Institute Library, Babson Park, Massachusetts.* New York & Babson Park, Mass.: Herbert Reichner [&] Babson Institute, 1950, 1955. ¶ 2 volumes. 8vo. xiv, 228; xiii, 91 pp. Illus. including folding plate, frontis., index. Gilt-stamped pale red cloth. Burndy bookplates. Fine.

\$ 115

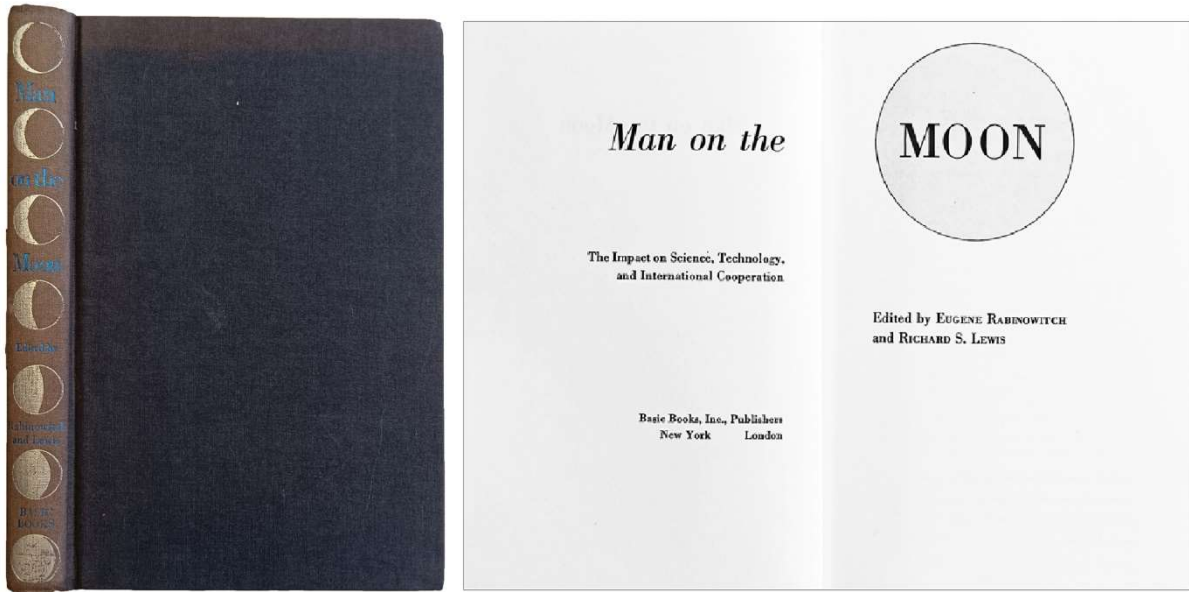
Limited editions of 750 copies [and 450 for second title], printed by The Anthoensen Press. Still the finest bibliography of Newton's published work. A third volume ["second supplement"] was later issued (no longer available) in 2002, prepared by I. Bernard Cohen and Clark Elliott.



BL3518 **OLSON, Paul A.** *The Kingdom of Science; Literary Utopianism and British Education, 1612-1870*. Lincoln: University of Nebraska Press, 2002. ¶ 8vo, xi, 375 pp. Index. Gilt-stamped scarlet cloth, dust-jacket. Burndy bookplate. Fine.

\$ 15

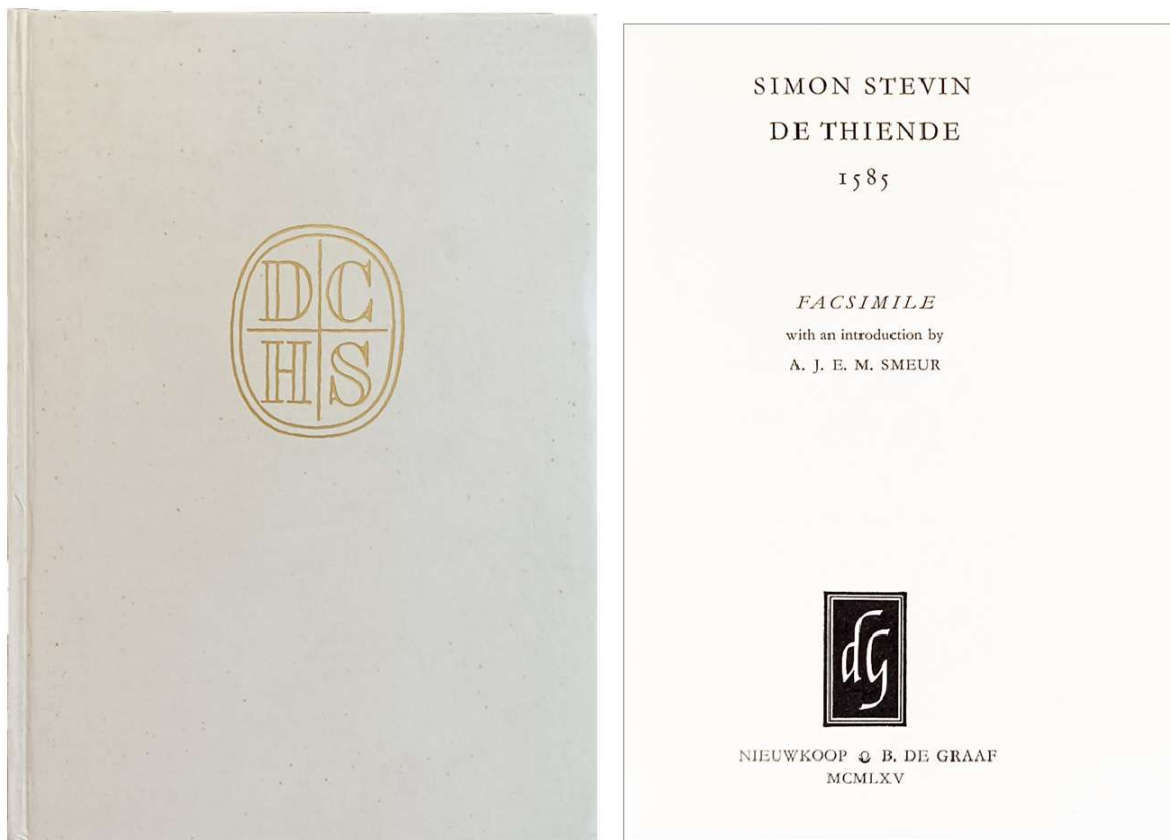
Paul A. Olson is Kate Foster Professor of English Emeritus at the University of Nebraska–Lincoln.



BL3529 **RABINOWITCH, Eugene** (1898-1973); **Richard S. LEWIS** (editors).
Man on the Moon; the Impact of Science, Technology, and International Cooperation. New York: Basic Books, 1969. ¶ 8vo. xiv, 204 pp.
Blue and silver-stamped navy cloth, t.e. navy; spine sun faded. Burndy bookplate.
Very good +.

\$ 6.95

Eugene Rabinowitch, a Russian-born American biophysicist, was known for his work in photosynthesis and nuclear energy. He left Russia in 1921 due to his faith and the persecution he faced. He served as a member of the International Continuing Committee of Pugwash, Nova Scotia (1957-1973), and was its president (1969 -1970).

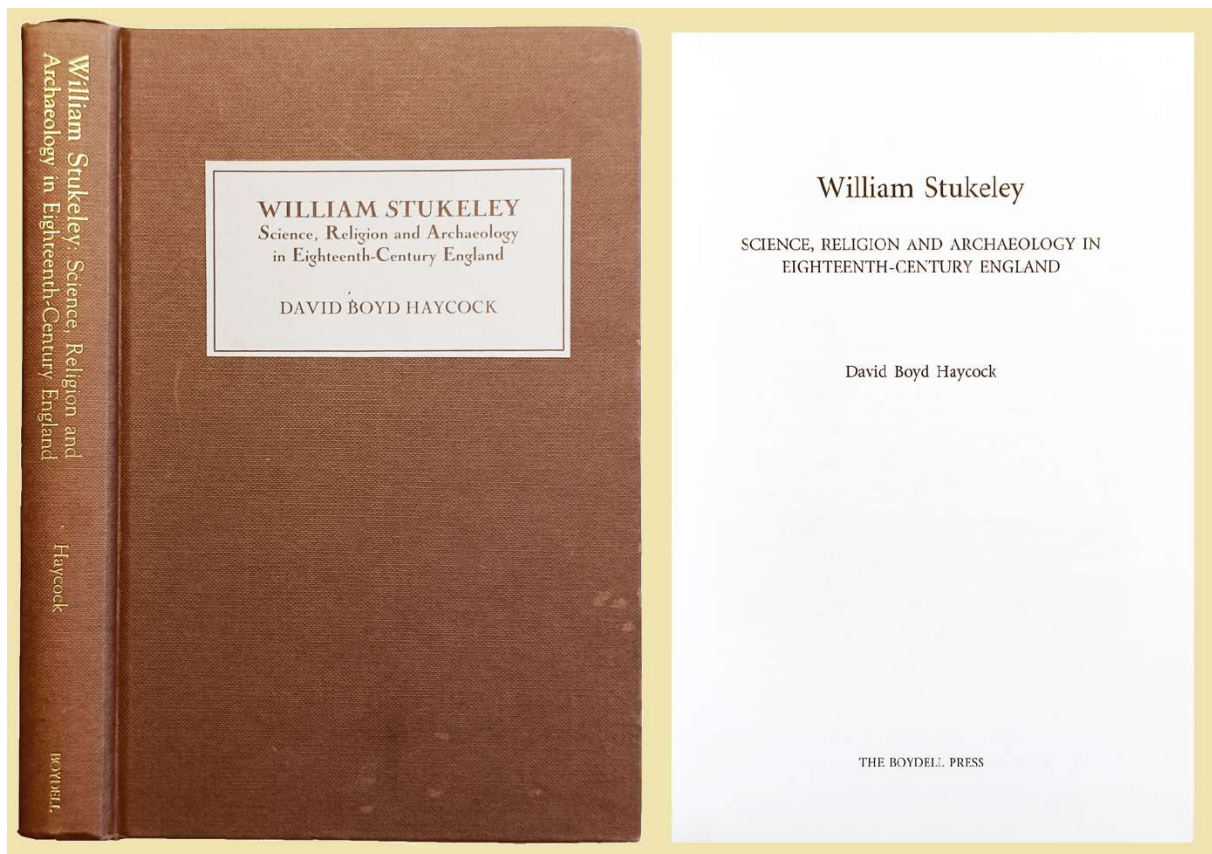


BL3723 **STEVIN, Simon** (1548-1620); **A. J. E. M. SMEUR.** *De Thiende*.
Nieuwkoop: B. De Graaf, 1965. ¶ Facsimile of 1585 Dutch edition, limited to 500
copies. 16 cm. 36 pp. Portrait frontis. Gilt-stamped cream colored paper boards.
Fine. Burndy bookplate.

\$ 10

This work marks the first European use of the decimal system (the Arabs and Persians had it earlier). This edition is edited by Alphons Johannes Emile Marie Smeur, who added an introduction.

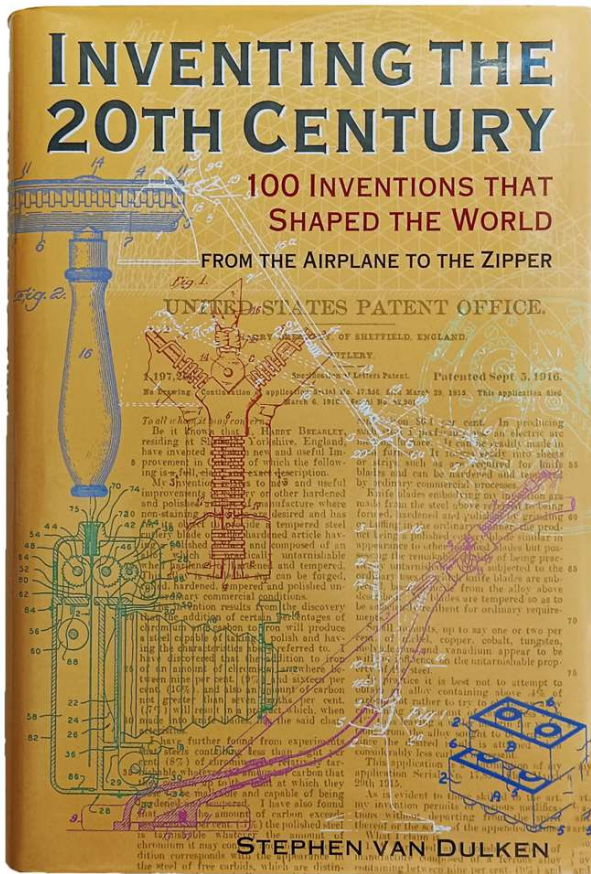
Simon Stevin, sometimes called Stevinus, was a Flemish mathematician, scientist and music theorist. He made various contributions in many areas of science and engineering, both theoretical and practical.



BL3703 [Stukeley, William (1687-1765)] **HAYCOCK, David Boyd** (1968-). *William Stukeley; Science, Religion and Archaeology in Eighteenth-Century England*. Woodbridge: The Boydell Press, 2002. ¶ 8vo. xiii, 290 pp. Portrait Frontis., illus., index. Gilt stamped tan cloth. Very good.

\$ 45

“David Haycock’s biography of William Stukeley offers a long overdue re-assessment of the best-known antiquary of the eighteenth century and revises traditional assumptions about the passive mode of observation of the eighteenth-century gentleman antiquary.” [review]



Inventing the 20th Century

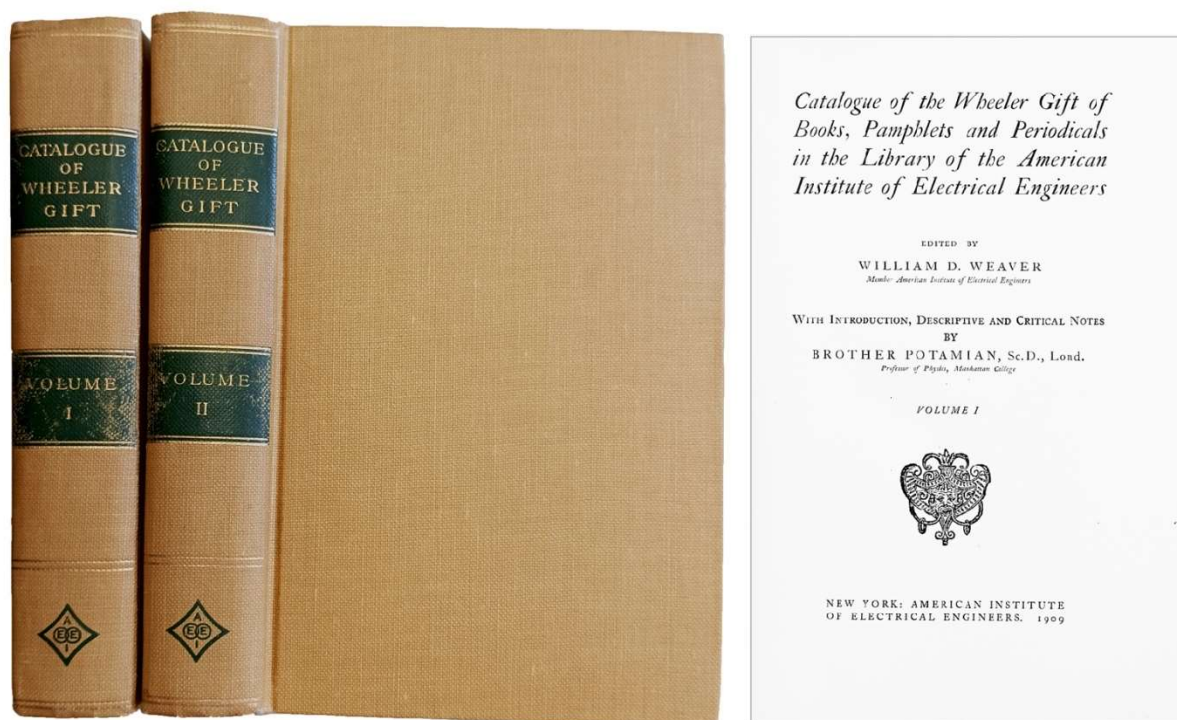
100 Inventions that Shaped the World
From the Airplane to the Zipper

Stephen van Dulken

With an Introduction by Andrew Phillips

 NEW YORK UNIVERSITY PRESS
Washington Square, New York

BL3696 VAN DULKEN, Stephen. *Inventing the 20th Century; 100 Inventions that Shaped the World, From the Airplane to the Zipper*. Washington Square: New York University Press, 2000. ¶ 8vo. ix, 246 pp. Frontis., illus., index. Gilt-stamped black cloth, dust jacket. Burndy bookplate. Fine. \$ 8



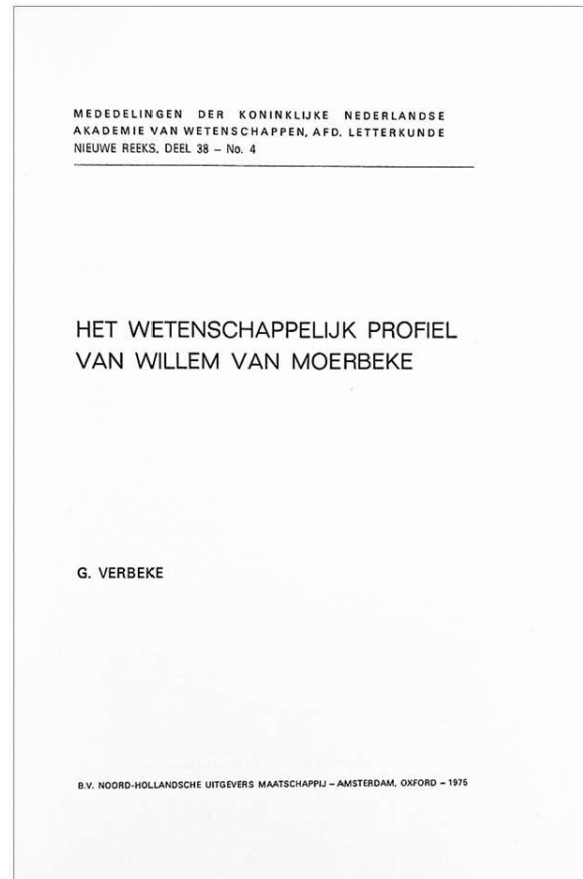
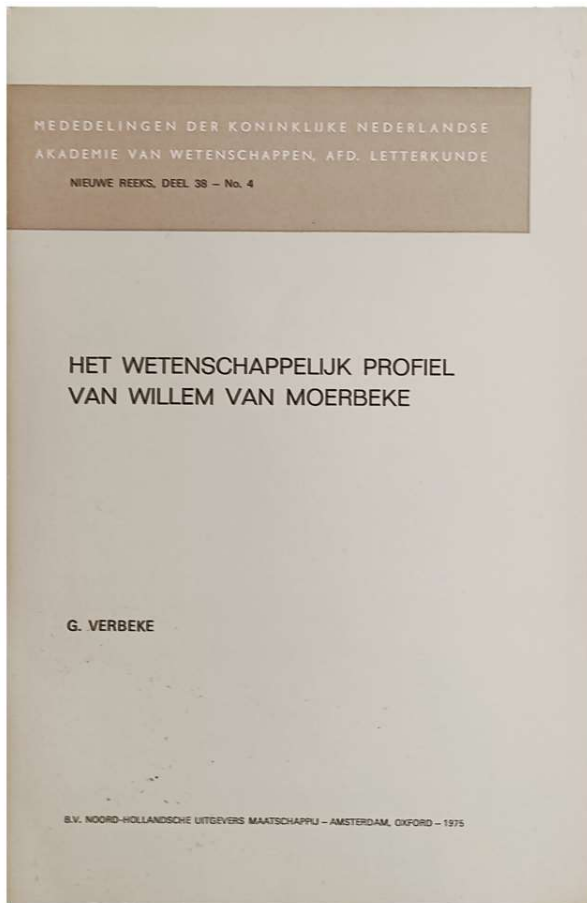
BL3614 [WHEELER, Schuyler Skaats] WEAVER, William D. (ed.).

Catalogue of the Wheeler Gift of Books, Pamphlets and Periodicals in the Library of the American Institute of Electrical Engineers.

New York: American Institute of Electrical Engineers, 1909. ¶ Two volumes. 8vo. vii, 504; 475 pp. 2 frontispiece portraits, indices. Gilt-stamped mustard yellow cloth with green colored spine labels; rubbed (mostly the colored part of the spine). Burndy bookplates. Very good.

\$ 50

Schuyler Skaats Wheeler (1860-1923) was a prominent American engineer and business man, who had the opportunity to acquire a collection of books on electricity and magnetism built by Josiah Latimer Clark (1822-1898). The collection was noted for its comprehensiveness. Wheeler bought it and gave it to the American Institute of Electrical Engineers. The library that was to be built for this collection was funded by Andrew Carnegie, called the Engineering Societies' Building of New York.



BL3616 [William of Moerbeke (1215–c.1286)] **VERBEKE, Gérard** (1910-2001).
Het Wetenschappelijk Profiel Van Willem Van Moerbeke.

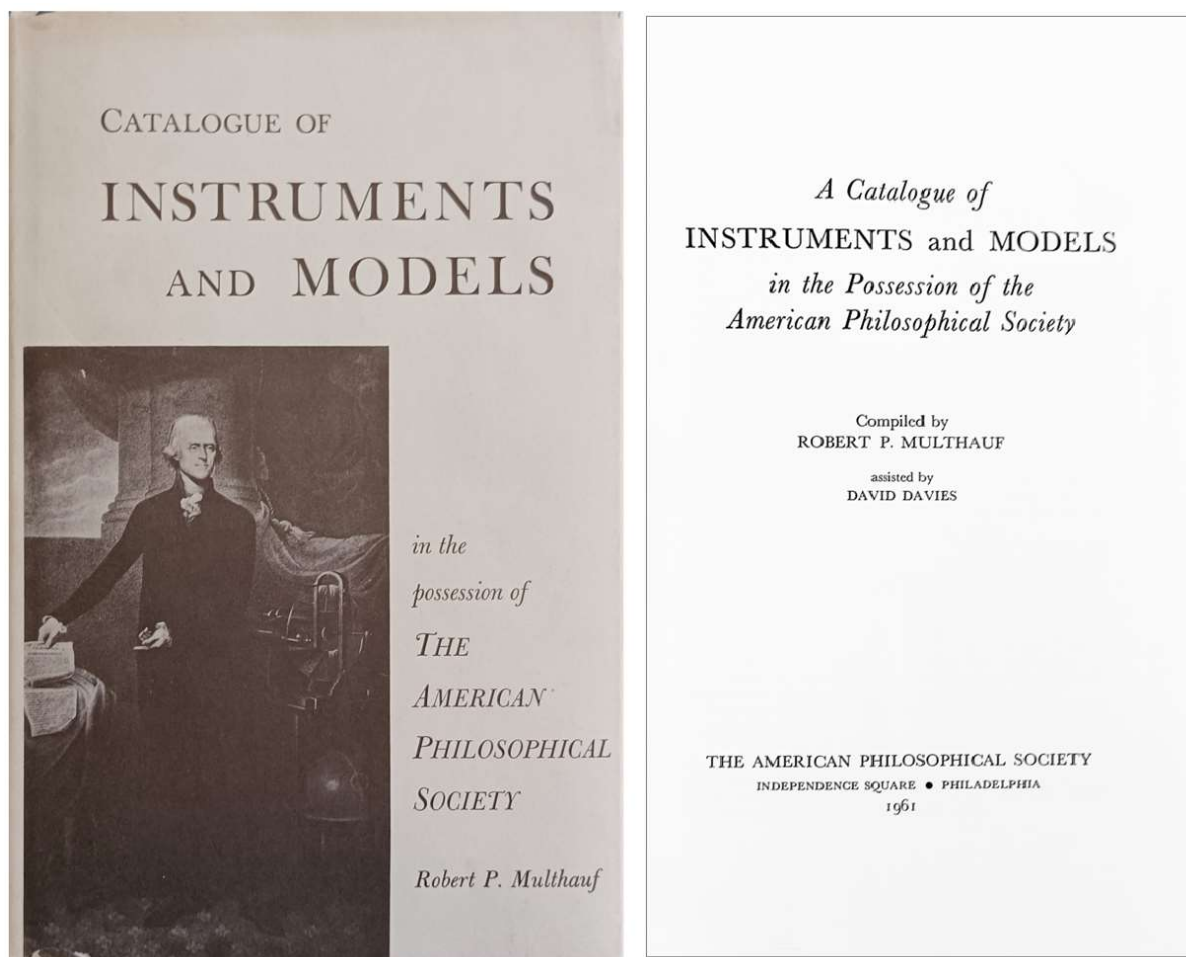
Amsterdam: Noord-Hollandsche U.M., 1975. ¶ Series: Akademie Van Wetenschappen, Afd. Letterkunde, Nieuwe Reeks, Deel 38 – No. 4. 24 cm. 30 pp. English summary. Printed wrappers. Burndy bookplate. Fine.

\$ 7

[Title translates to:] *The Scientific Profile of Willem Van Moerbeke*, by Verbeke. “Willem van Moerbeke, (1215–c.1286), known in the English-speaking world as William of Moerbeke, was a prolific medieval translator of philosophical, medical, and scientific texts from Greek into Latin. His translations were influential in his day, when few competing translations were available, and, more to the point, are still respected by modern scholars.”

Gerard Verbeke, a Belgian philosopher, was born to Adolphe Verbeke and was ordained a priest on April 28, 1935. From 1946 to 1978 he was a professor of philosophy at the Catholic University of Louvain. He also translated a text of Van Moerbeke in 1961. This work clearly extends that same interest.

□ SCIENTIFIC INSTRUMENTS



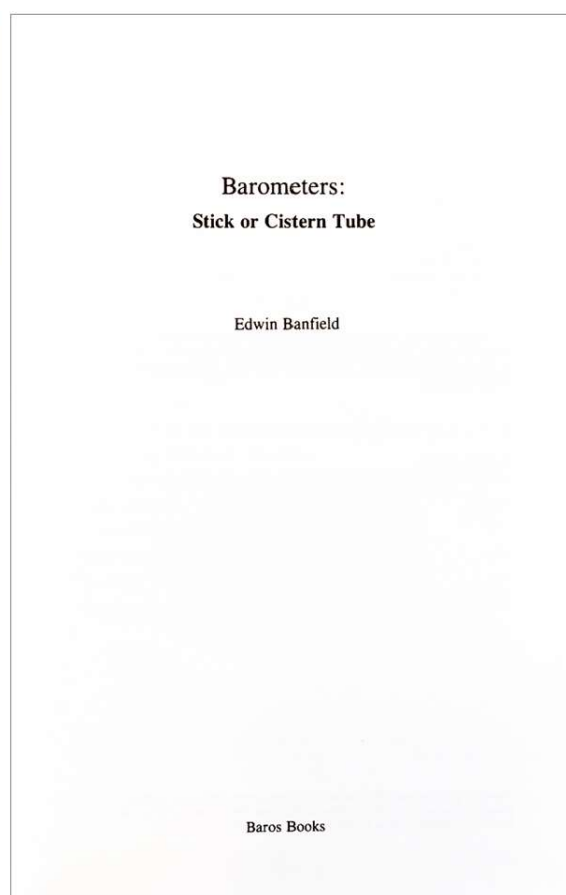
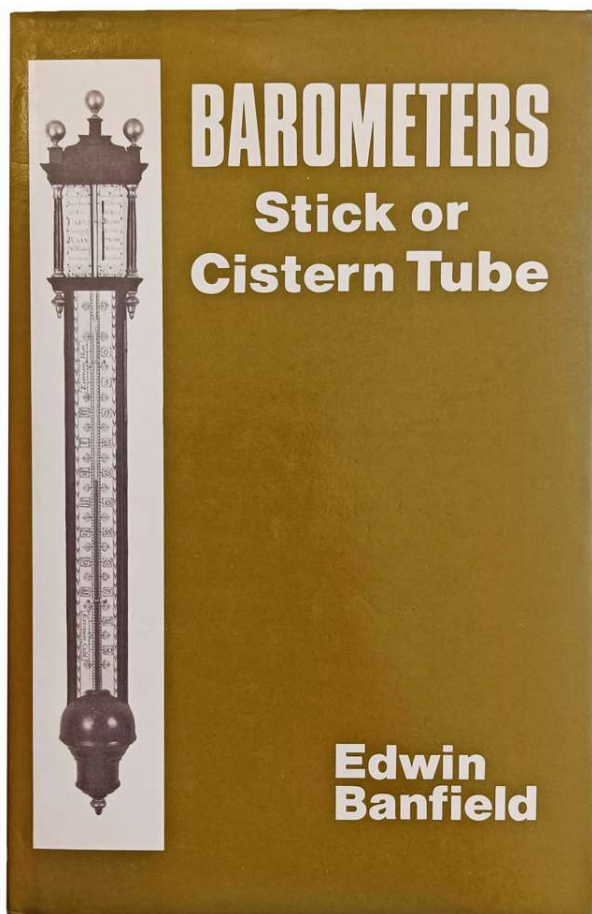
BL3647 **American Philosophical Society; MULTHAUF, Robert P.** (1919-2004). *A Catalogue of Instruments and Models in the Possession of the American Philosophical Society*. Philadelphia: American Philosophical Society, 1961. ¶ Series: *Memoirs of the APS*, Vol. 53. 8vo. xi, 80 pp. Illus. with 26 figs. including frontis. Gilt-stamped navy cloth, dust jacket; jacket minor edge tears. Very good.

\$ 7.95

Includes instruments useful for Astronomy, Geodesy, Surveying, Meteorology, Geography, Navigation, Mathematics, and other fields.

“In 1954, the Smithsonian Institution hired Multhauf as an associate curator for the Division of Engineering, in the United States National Museum. He became the division’s curator in 1955, and was promoted to head curator of both the Division

of Engineering and of Industries two years later, in 1957. That same year, he was appointed head curator of the Department of Science and Technology under the newly established Museum of History and Technology, for which he was also the acting curator of the Division of Physical Sciences.”



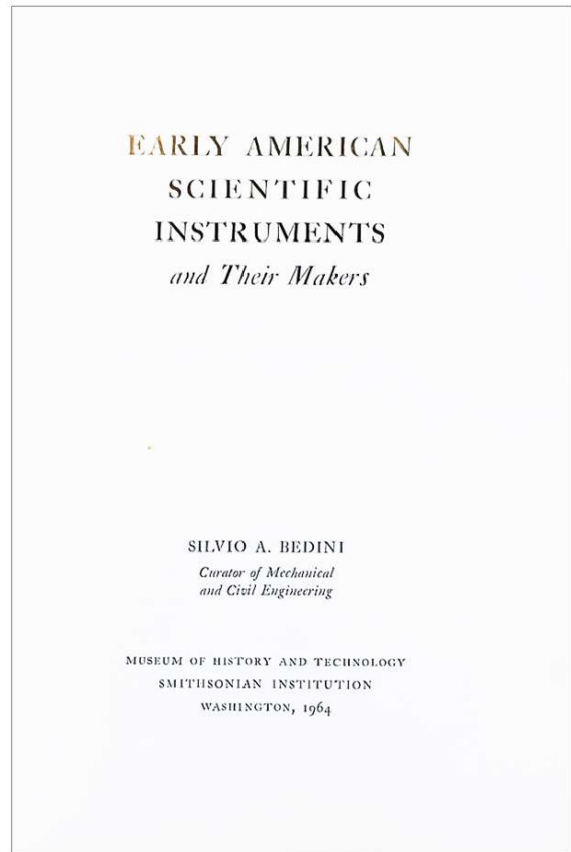
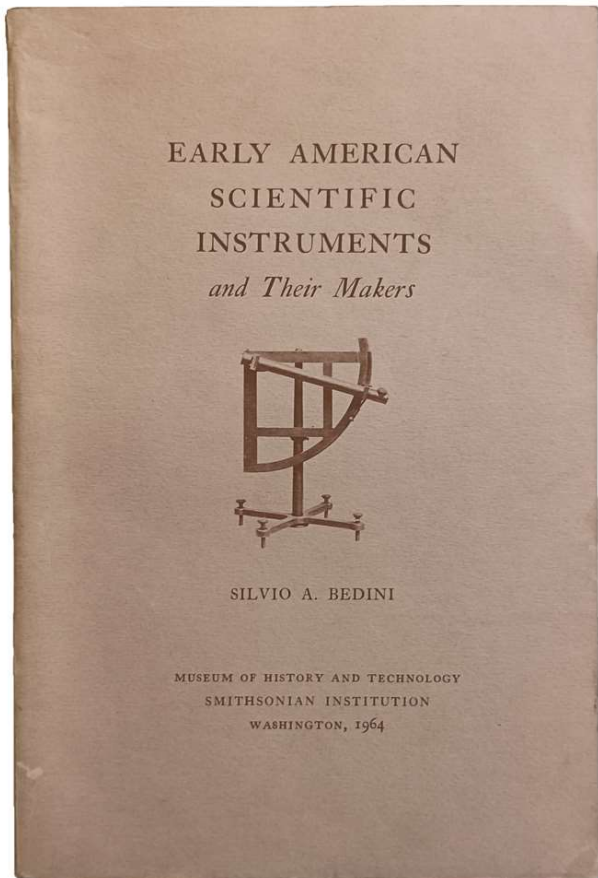
BL3651 **BANFIELD, Edwin.** *Barometers: Stick or cistern tube.*

Trowbridge: Baros Books, 1985. ¶ 8vo. vii, 246 pp. Illus., index. Gilt-stamped brick colored cloth, dust jacket. Fine.

\$ 15

Edwin Banfield was a noted collector of barometers and this also shows his contribution to barometer instrument history.

The Banfield Family Collection of barometers was put on display at the Barometer World and Museum, Merton, Devon (1995-2005). In 2007 the collection was sold at auction.



BL3652 **BEDINI, Silvio A.** *Early American Scientific Instruments and their makers*. Washington: Museum of History and Technology – Smithsonian Institution, 1964. ¶ 24 cm. xii, 184 pp. Frontis., illus., index. Beige printed wrappers; corner bumped, minor tears; otherwise, fine.

\$ 15

“Silvio A. Bedini was an American historian, specialising in early scientific instruments. He was Historian Emeritus of the Smithsonian Institution, where he served on the professional staff for twenty-five years, retiring in 1987.”

THE
CONSTRUCTION
AND
PRINCIPAL USES
OF
Mathematical Instruments.

Translated from the FRENCH of

M. B I O N,

Chief Instrument-Maker to the *French* King.

To which are added,

The *Construction* and *Uses* of such INSTRUMENTS as are omitted by M. B I O N, particularly of those invented or improved by the ENGLISH.

By E D M U N D S T O N E.

The whole illustrated with Thirty Folio Copper-Plates, containing the Figures, &c. of the several INSTRUMENTS.

Imitetur igitur Ars Naturam, & quod ea desiderat inveniat; quod ostendit sequatur. Nihil enim aut Natura extremum invenerit, aut Doctrina primum: sed Rerum Principia ab Ingenio profecta sunt, & Exitus Disciplina comparantur.

CICER. ad Heren. lib. iii.

THE SECOND EDITION.

To which is added,

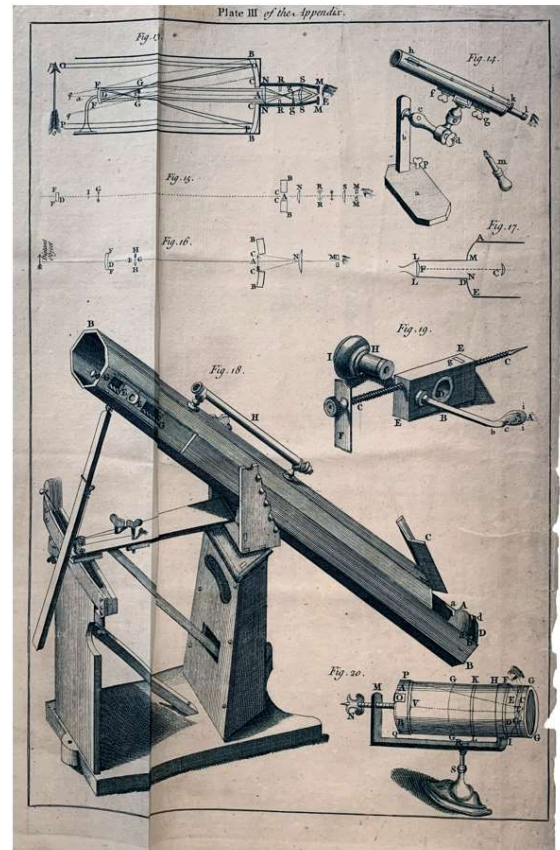
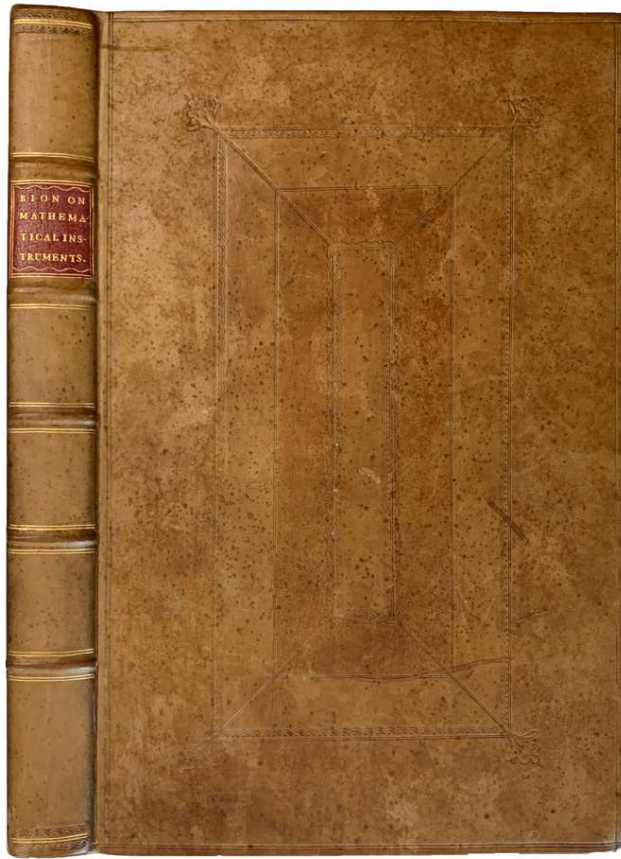
A S U P P L E M E N T:

Containing a further Account of some of the most useful Mathematical Instruments as now improved.

L O N D O N:

Printed for J. RICHARDSON, in *Pater-noster-Row*.

M.DCC.LVIII.



AB1011 **BION, Nicolas** (circa 1652-1733). *The Construction and Principal Uses of Mathematical Instruments. Translated from the French of M. Bion, chief instrument-maker to the French king. To which are added, the construction and uses of such instruments as are omitted by M. Bion; particularly of those invented or improved by the English. By Edmund Stone. The whole illustrated with thirty folio copper-plates, containing the figures, &c. of the several instruments.* London: Printed for J. Richardson, 1758. ¶ Folio. vii, [1], 264; [iv], 265-325, [1] pp. Title printed in black, headpieces, decorative initials, tailpieces, tables, 30 engraved plates, errata (p. 325); plate IX mended. Elegant period-style full modern blind-ruled speckled calf, raised bands, red leather spine label, gilt ruled spine. Ownership rubber-stamp of G. E. Boom [?] (p. 25 [H1]). Very good copy in a handsome binding.

\$ 1,400

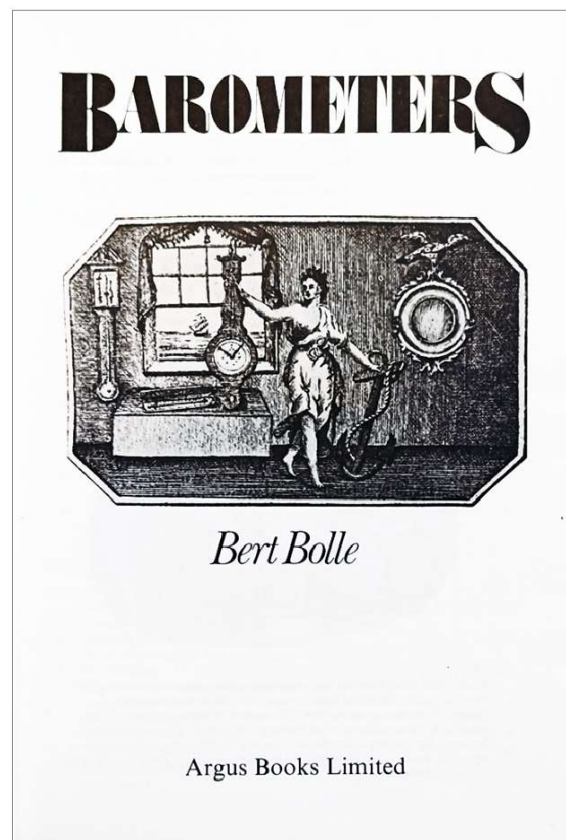
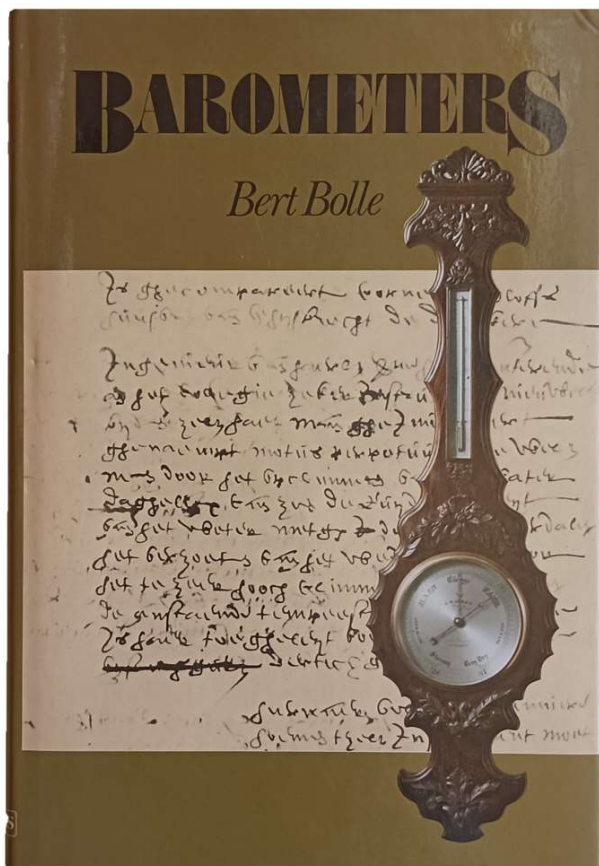
Second and best English edition, translated from the French by Edmund Stone. The superb plates illustrate many fine instruments, including the telescope, quadrant, sun dial, pendulum clock, various astronomical instruments, and much more. The whole of Book VII is devoted to instruments of navigation, the compass and astrolabe in particular.

Historian of science, David M. Knight, Durham University, described this work as "the most famous book devoted to instruments."

Little is known of the life and work of Nicolas Bion; the *Biographie universelles* describes Bion as a cosmographer and maker of globes and spheres, who published many estimable works. He wrote a work on astrolabes. Bion and sold mathematical instruments in Paris in his own shop and as royal instrument maker for Louis XIV.

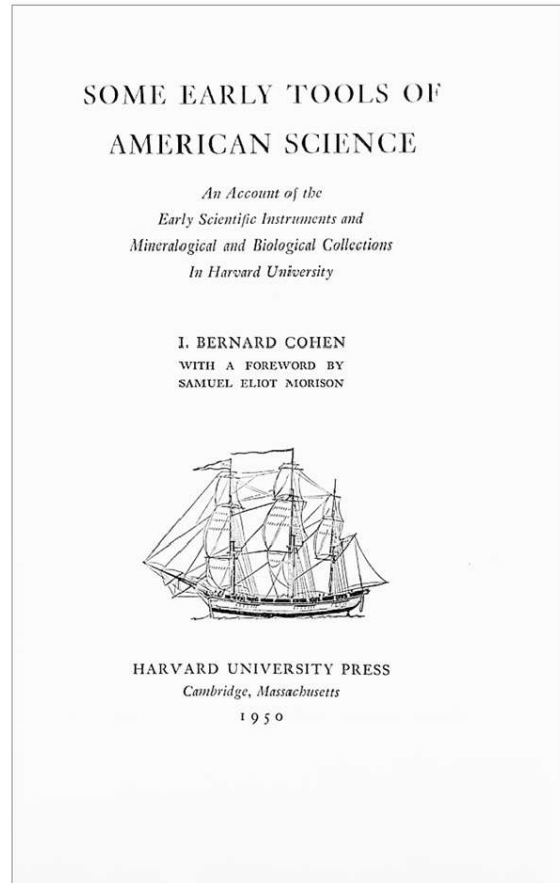
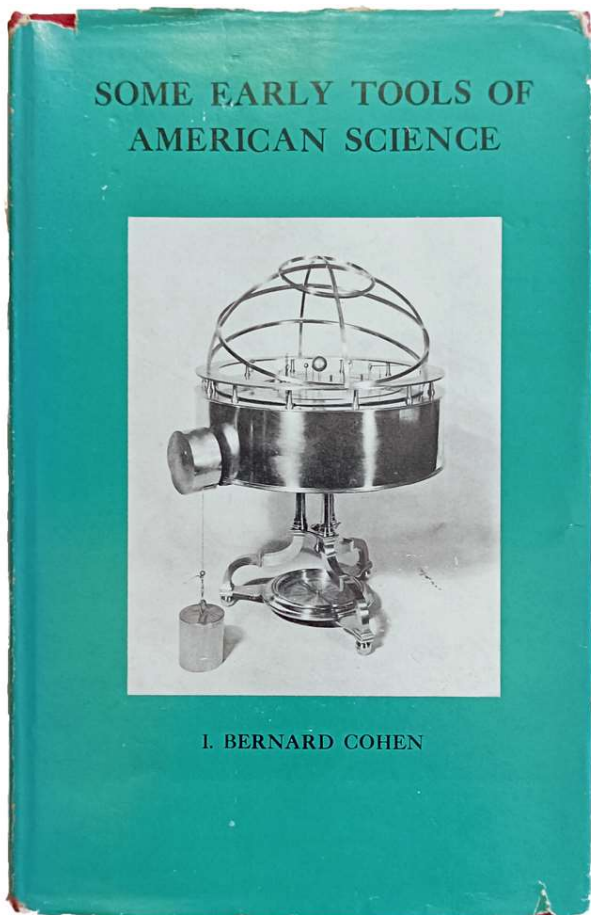
PROVENANCE: G. E. Boom [or, Brown!?!], possibly, but unlikely: Gerry Edward Brown (1926-2013).

☐ *DSB*, II, pp. 132-133; Mottelay, Paul Fleury, *Bibliographical History of Electricity and Magnetism*, p. 148.



BL3655 **BOLLE, Bert.** *Barometers*. Watford: Argus Books, 1982. ¶ 8vo. 255 pp. Illus., index. Gilt-stamped black cloth, dust jacket; corners bumped. Very good +. \$ 19

Authoritative history of barometers.

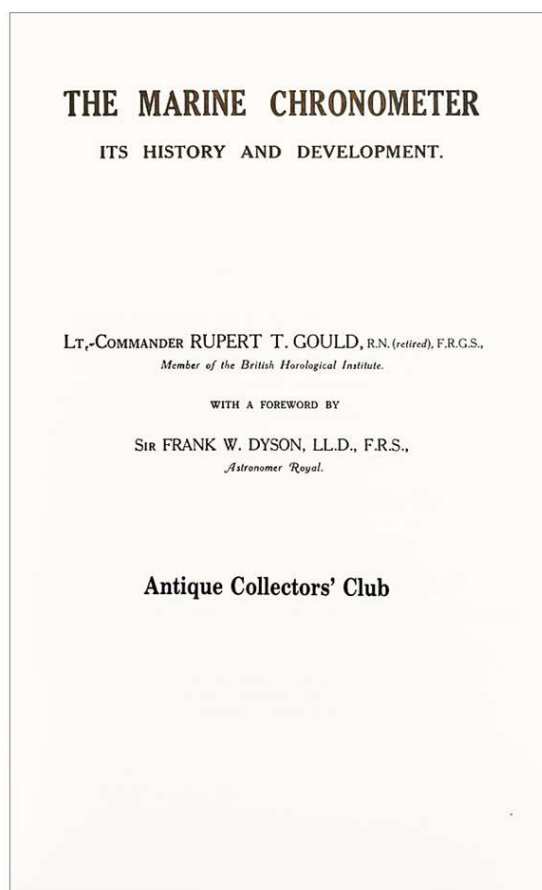
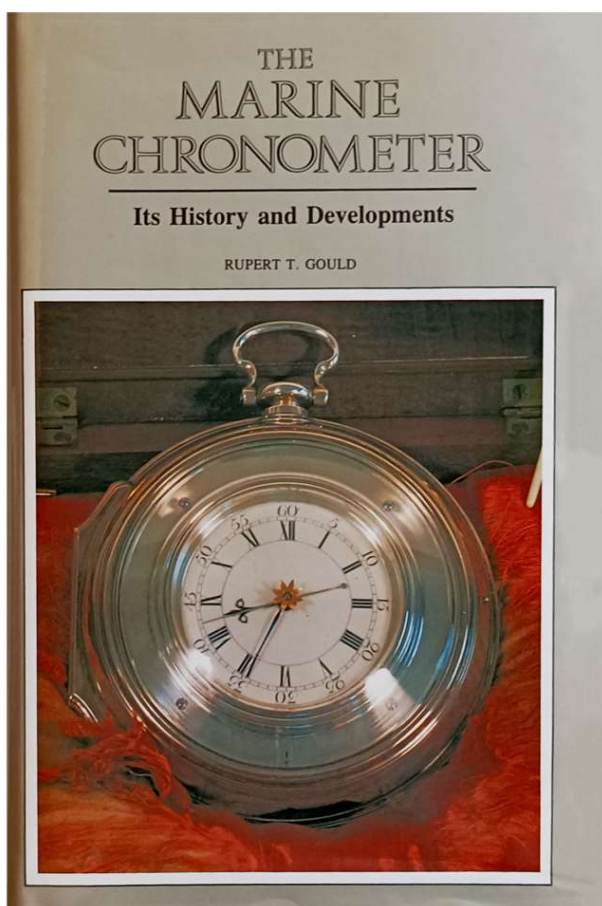


BL3661 **COHEN, I. Bernard** (1914-2003). *Some Early Tools of American Science, an Account of the Early Scientific Instruments and Mineralogical Biological Collections in Harvard University.*

Cambridge: Harvard University Press, 1950. ¶ 8vo. xxi, 201 pp. Illustrated, appendices, references and notes, index. Gilt-stamped red textured cloth, dust jacket; rubbed, jacket edges frayed. Ownership signature in pencil. Very good.

\$ 15

I. Bernard Cohen 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. Cohen was the first American to receive a PhD in history of science and taught at Harvard from 1942 until his death. [Wikip.].



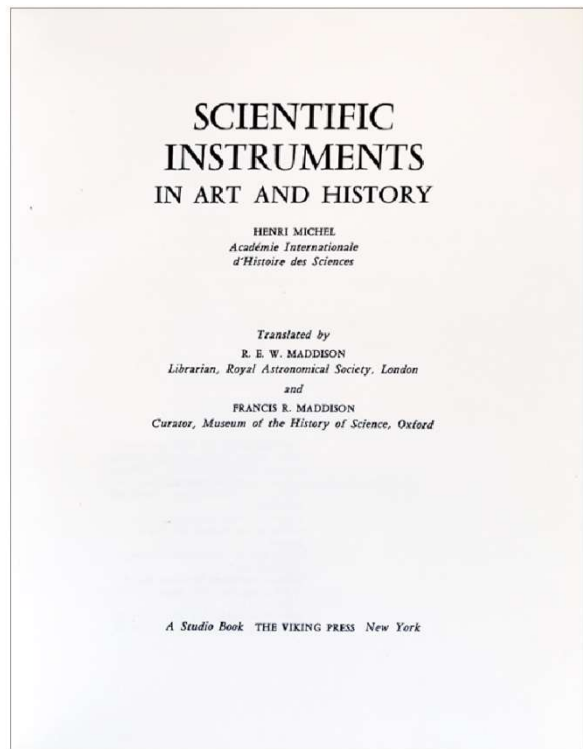
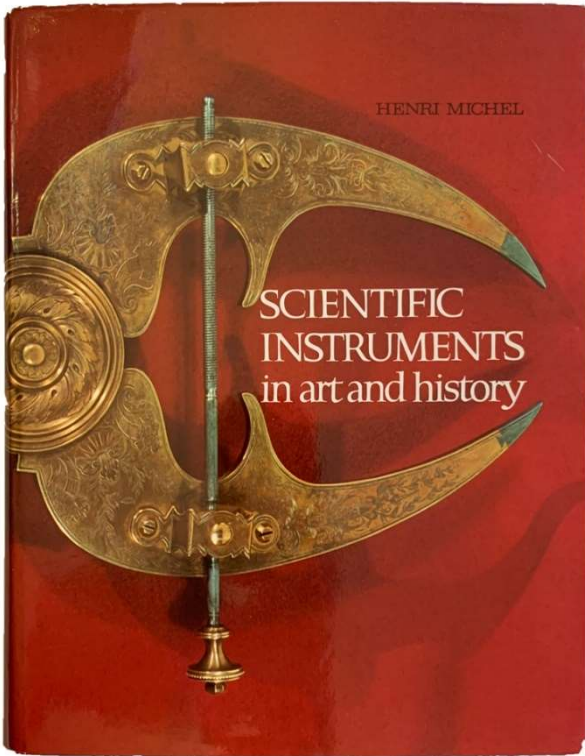
BL3668 **GOULD, Rupert T.** (1890-1948). *The Marine Chronometer, its History and Development*. Woodbridge: Antique Collectors' Club, 1989. ¶ 8vo. xvi, 401 pp. Portrait frontis., illus., appendices, indices. Gilt-stamped bright blue cloth, dust jacket. Fine.

\$ 45

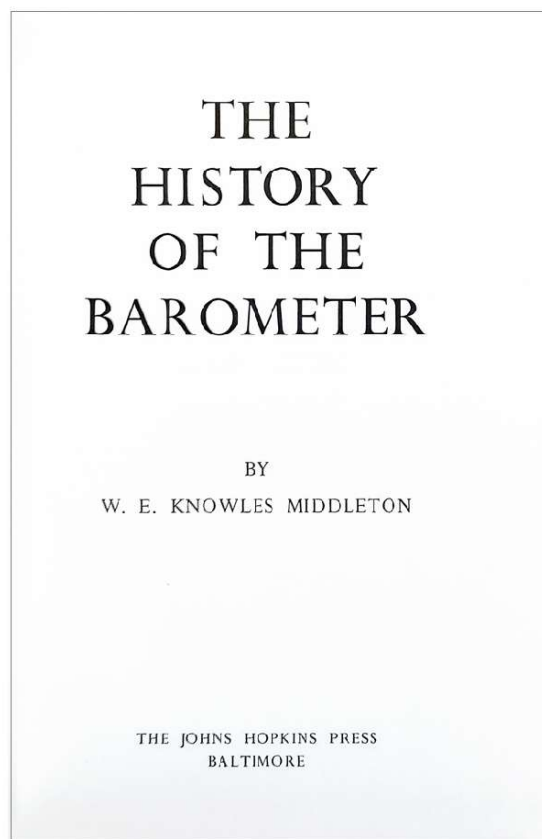
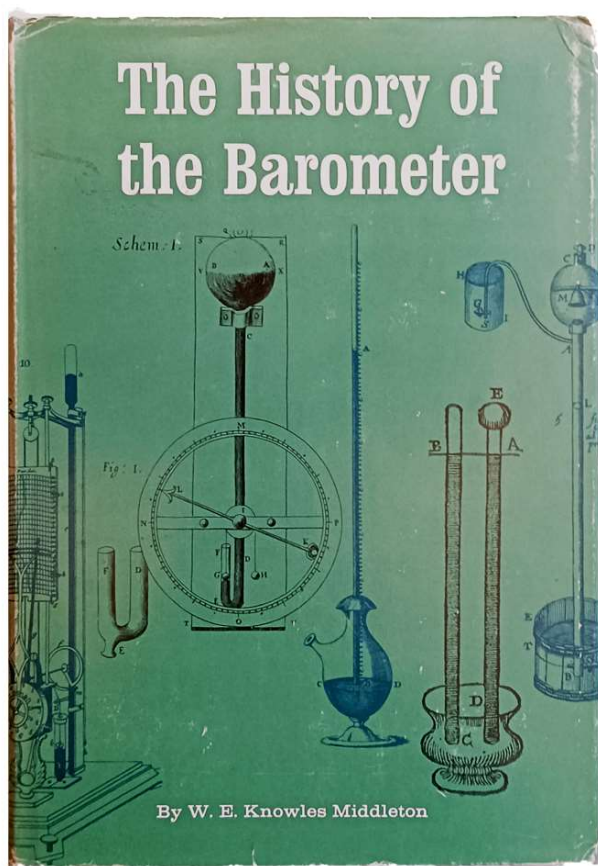
Rupert Thomas Gould was a lieutenant-commander in the British Royal Navy noted for his contributions to horology. He gained permission in 1920 to restore the marine chronometers of John Harrison, and this work was completed in 1933. His classic horological book, *The Marine Chronometer, its history and development*, was first published in 1923 by J.D. Potter and was the first scholarly monograph on the subject. It was generally considered the authoritative text on marine timekeepers for at least half a century.

BL3678 **MICHEL, Henri.** *Scientific Instruments in Art and History; Translated by R. E. W. Maddison and Francis R. Maddison*. New York: Viking, 1967. ¶ First edition in English. 29 cm. 208 pp. Mostly color illustrations, index; minor

margin bumps pp.100-23. Gilt-stamped natural linen, dust jacket; jacket edges slight rubbed. Very good. \$ 30



[Michel]



BL3679 MIDDLETON, W. E. Knowles (1902–1988). *The History of the Barometer*. Baltimore: The John Hopkins Press, 1964. ¶ 8vo. xx, 489 pp. Illus., appendix, index. Blue-stamped green cloth, dust jacket; corners dented, jacket extremities frayed, spine sunned. Very good.

\$ 25

For two centuries the barometer has been an indispensable laboratory instrument. Yet, despite its revolutionary influence on science, W. E. Knowles Middleton here offers the first complete history of the barometer as a scientific tool.

Middleton relies on research from Western European documents and manuscripts of the seventeenth and eighteenth centuries. He begins his story with a pre-history of the barometer, the Torricellian experiment, the subsequent experiments and controversies in the 1640s, and the barometric experiments during the remainder of the century.

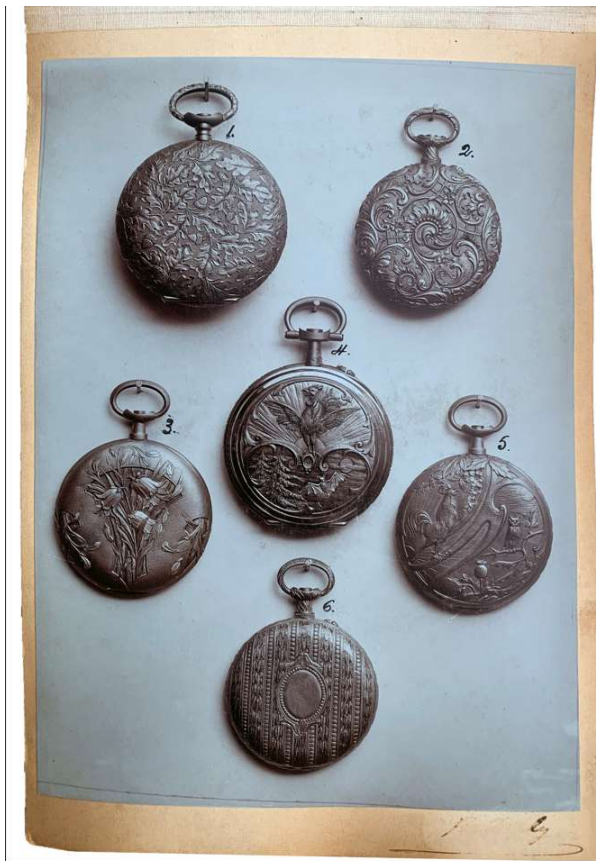
Later chapters are concerned with the mercury barometer as a scientific instrument, discussing the efforts to expand the scale to render the instrument portable, and to attain greater accuracy. These chapters follow accounts of mercury barographs, the history of the corrections to the barometer, the history of the mercury barometer in North America, and the luminescence that appears when a barometer is moved in the dark. The final chapters discuss barometers other than those using the weight of a column of mercury.

A large number of the more interesting barometers seen by the author in his extensive travels appears in the appendix. Nearly 200 figures and diagrams depict the wide variety of barometers studied by the author over his long career at the Smithsonian Institution. – publisher.

W. E. Knowles Middleton wrote 15 books and 75 to 100 scientific papers related to the science of weather instruments and meteorological optics as well as their history. His major contribution was the book *Meteorological Instruments*, first published in 1953. From 1929–1946, he worked for the Meteorological Service of Canada, specializing on measurement and instrumentation. After retiring, he was a professor emeritus and honorary lecturer associated with the Department of History of Medicine and Science at the University of British Columbia.



[RUBATTEL & WEYERMANN]

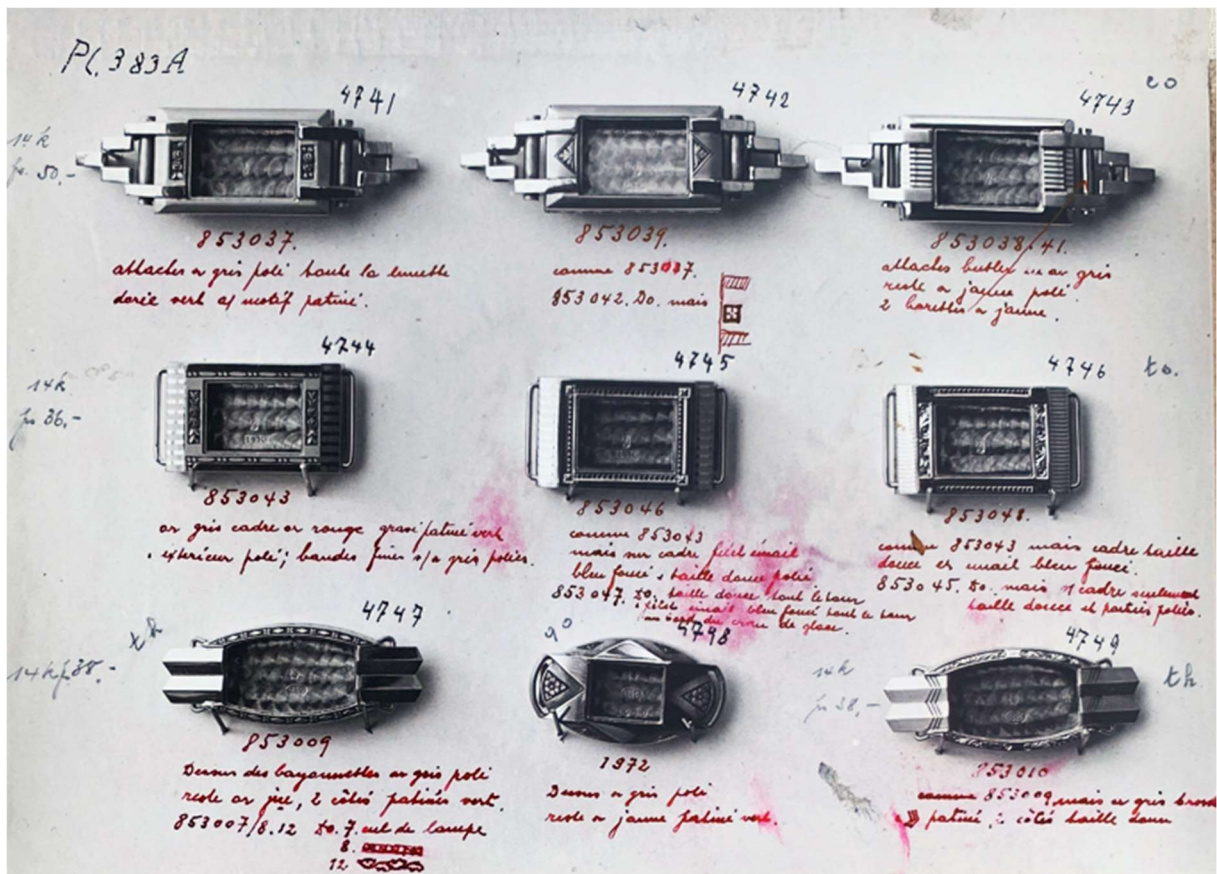


More than 250 Original Photographic Prints

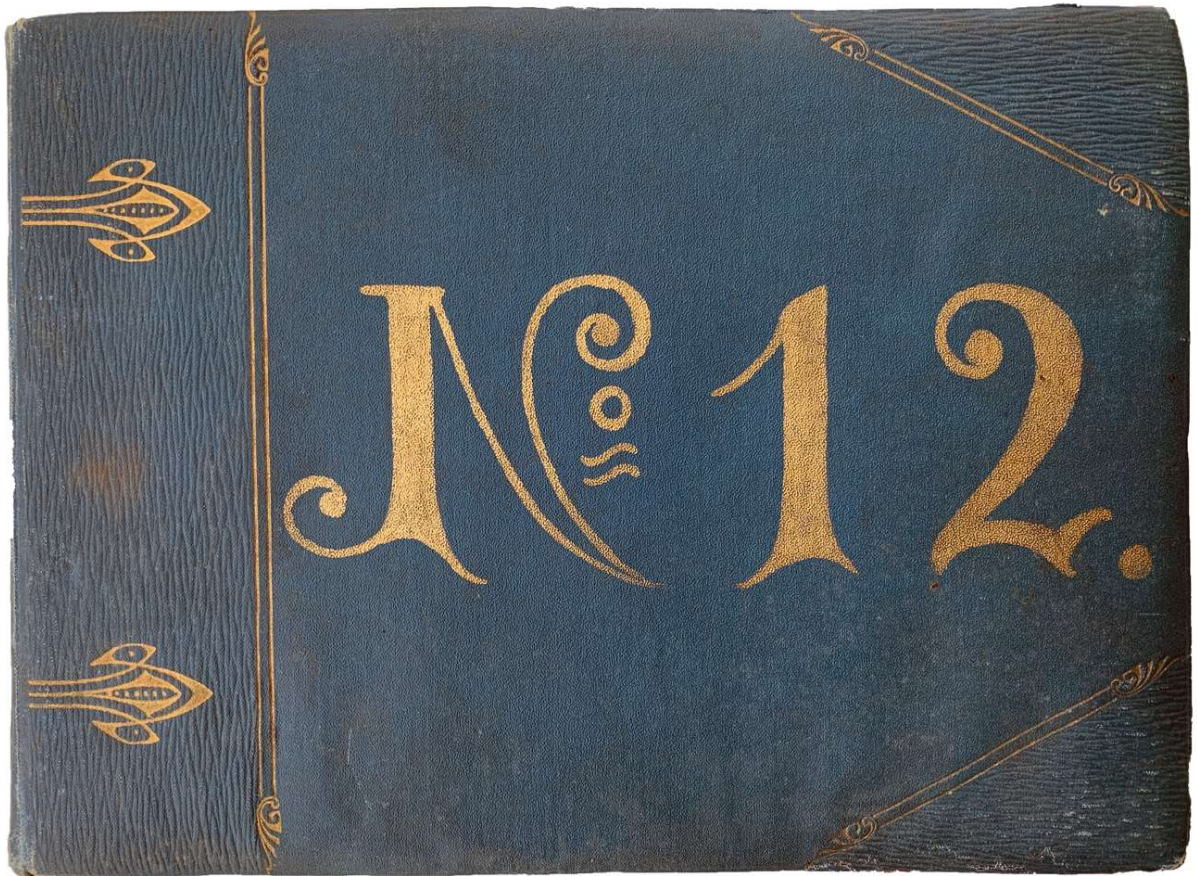
S13765 [RUBATTEL & WEYERMANN, La Chaux-de-Fonds, Switzerland (now owned by SWATCH)]. [*Four original photographic albums of watch casings*] 4 unique company photographic albums containing approximately 255 silver gelatin prints. La Chaux-de-Fonds, Switzerland, c.1910-1920s. ¶ [4 photographic albums] 9 x 6 1/2 inches through 3 1/8 x 4 1/4 inches. Pen notations applied to many images, 2 albums with "Rubattel & Weyermann S.A." in gilt on upper cover (but all four are from the same source), photographs generally very good to excellent, a few rubbed. Albums of the period (one will be improved some), & internally in very good condition.

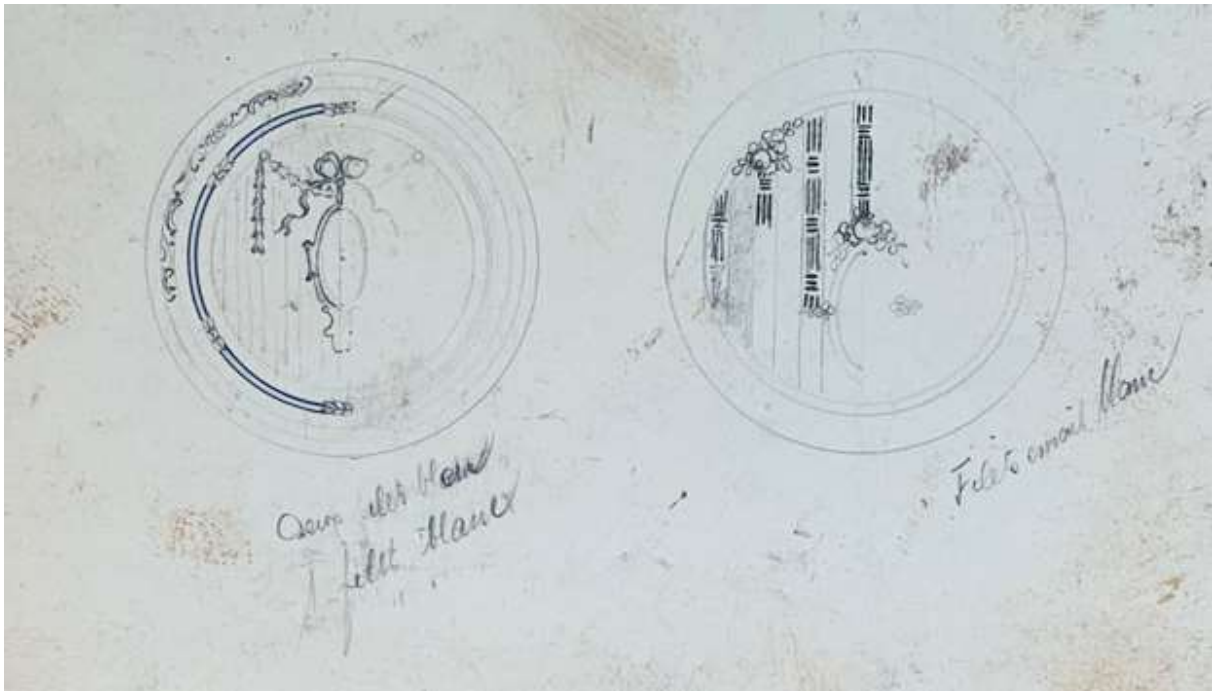
\$ 3,200

An extensive photographic record of all the finely detailed *Rubattel & Weyermann* watch casings made over the period. Each is numbered consecutively, and additional annotations are frequently present. All in all, an extraordinary record of what was produced from this Swiss watch case maker. *Rubattel & Weyermann* are the same company that in 2002 became integrated to the Swatch Group.



CONTENTS: [4 albums]: [A] Album (no title), containing stock numbers 1-710 (pocket watches); [B] *Rubattel & Weyermann* Album, gilt-stamped title on cover, containing stock items 2486-3931 (some are pendent cases, some wristwatch bands); [C] *Rubattel & Weyermann* Album [*Rubattel & Weyermann* is name within, on typed card and mounted], the album is labelled "12" contains stock numbers 3161-3256 ["Cliche"] (pocket watches); [D] *Rubattel & Weyermann* Album, gilt-stamped on cover, containing stock numbers 4626-5330 (many ladies wristwatches, the first 7 photographs in this album are of exotic pocket watches, very elaborate, showing cases that would have been hand painted).





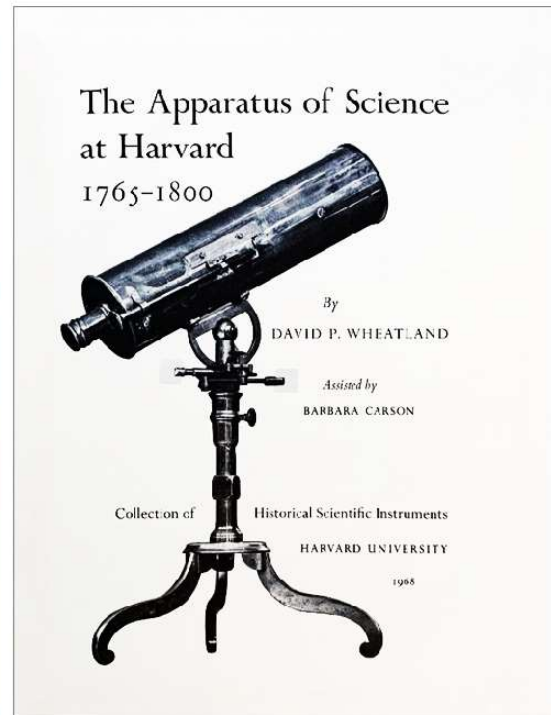
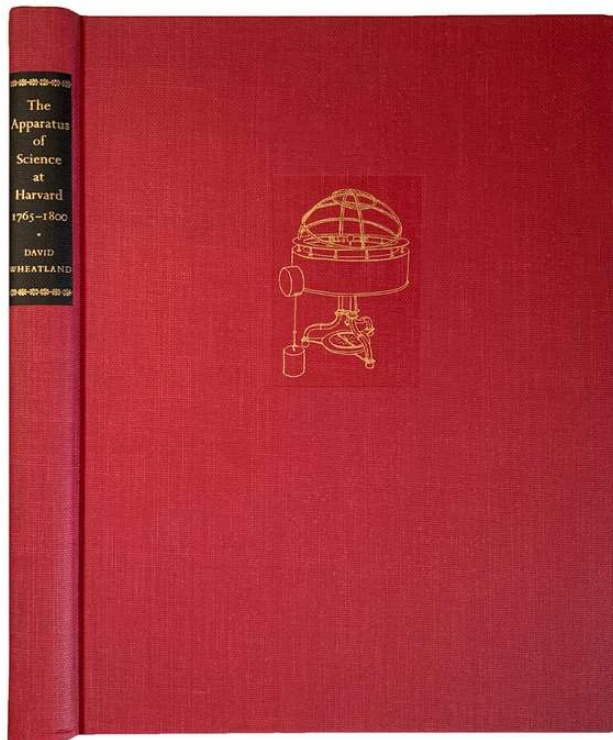
[RUBATTEL & WEYERMANN, watch casing drawing]

BL3692 **WHEATLAND, David P.** (1898-1993). *The Apparatus of Science at Harvard 1765-1800*. Cambridge: Harvard University Press, 1968. ¶ 29 cm. xi, 203 pp. Illus., index. Gilt-stamped black spine label over gilt-stamped red cloth, glassine wrapper. Fine.

\$ 20

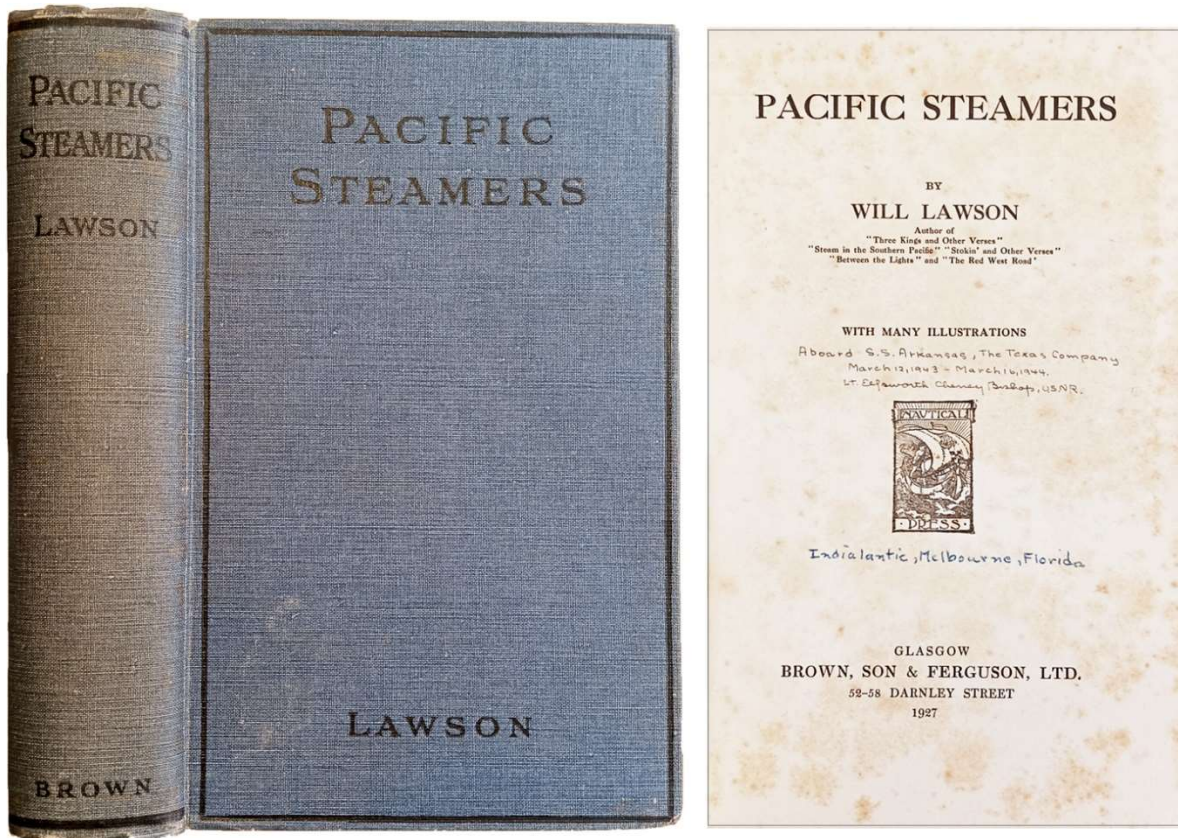
Featuring scientific instruments purchased by Harvard before c.1825. These include astronomical models, electricity-related instruments, microscopes, etc.

David Pingree Wheatland “began amassing the nucleus of objects that were to become the Collection of Historical Scientific Instruments in the 1920s. After graduating from Harvard College in 1922 with a Bachelor of Science degree, he became involved in his family’s lumber business in Maine. Though successful in business, he remained unfulfilled in this work, and Mr. Wheatland returned to Harvard in 1928 to work in the Physics Department, first as a technical assistant to Professor Leon Chaffee, then as Department Secretary, and in 1940, as the Assistant Director of the Cruft Research Laboratory of Physics.”



“Mr. Wheatland’s duties in the Physics Department led to numerous encounters with obsolete instrumentation often discarded in stairwells and attics of the science buildings on campus. A zealous collector of rare books on electricity and magnetism, Mr. Wheatland recognized what these castoff instruments were from the marvelous engravings in his old books. He understood that these objects represented an important part of local scientific heritage, but he feared that they were in physical danger due to neglect as well as the propensity of faculty and students to cannibalize them for spare parts. Since the Physics Department did not then see any value in the instruments, Mr. Wheatland took them into his office for safe keeping. Larger items, like the Pope orrery, were stored in the basement of the Music Building.” – Dr. Sara J. Schechner, David P. Wheatland Curator.

□ SHIPS & THE SEA

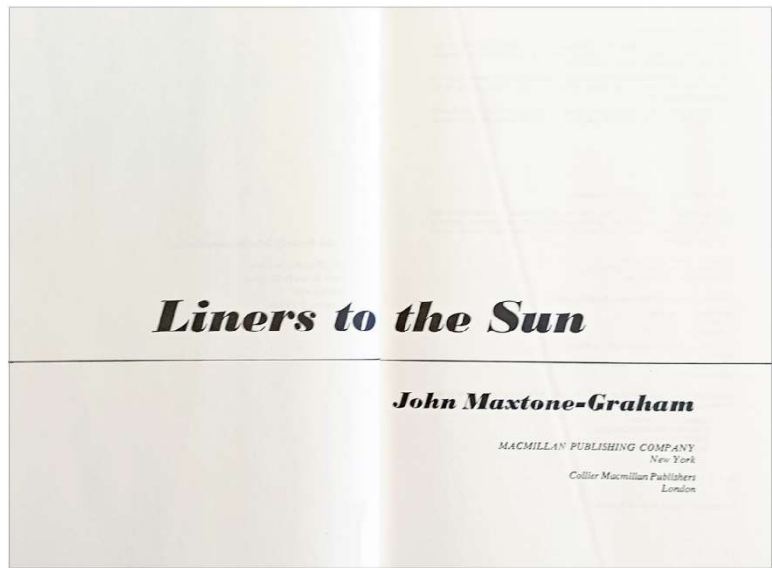
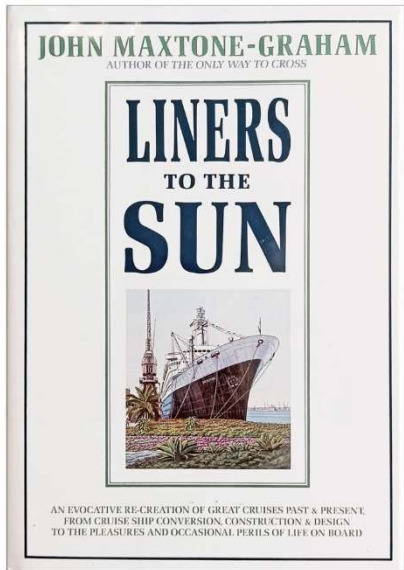


BL3637 **LAWSON, Will** (1876-1957). *Pacific Steamers*. Glasgow: Brown, Son & Ferguson, 1927. ¶ 8vo. xx, 244 pp. Frontis., profusely illus., index; foxing (esp. title) throughout, cords slightly stretched pp. 64, 176. Original black stamped blue cloth; rubbed, ink handwriting on title by Lt. Ellsworth Cheney Bishop, U.S.N.R. Good.

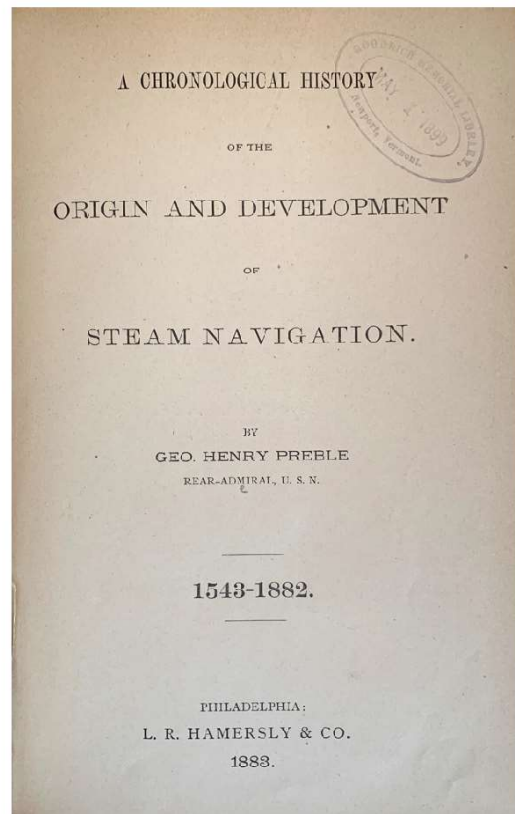
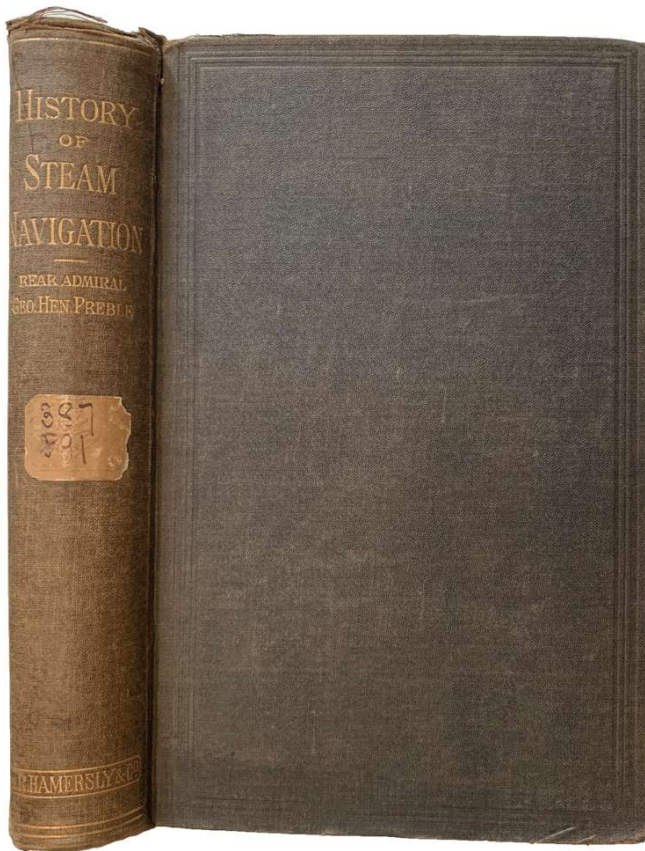
\$ 15

About the development of steam shipping on the Australian and western American coasts.

Will Lawson was a British-Australian journalist, historian, novelist and poet.



BL3502 MAXTONE-GRAHAM, John. *Liners to the Sun*. New York: Macmillan, 1985. ¶ 8vo. xv, 495 pp. Illustrations, index. Quarter silver-stamped blue cloth over blue boards, pictorial dust-jacket. Fine. \$ 6.95



BL3526 **PREBLE, Geo. Henry** (1816-1885). *A Chronological History of the Origin and Development of Steam Navigation 1543-1882.*

Philadelphia: L. R. Hamersly, 1883. ¶ 8vo. xix, 483 pp. Tables, appendix, index. Gilt-stamped olive-green cloth; wear to extremities, spine sticker, library 'regulations' pasted down at rear. Goodrich Memorial Library rubber-stamp on several pages, including title. Very good.

\$ 125

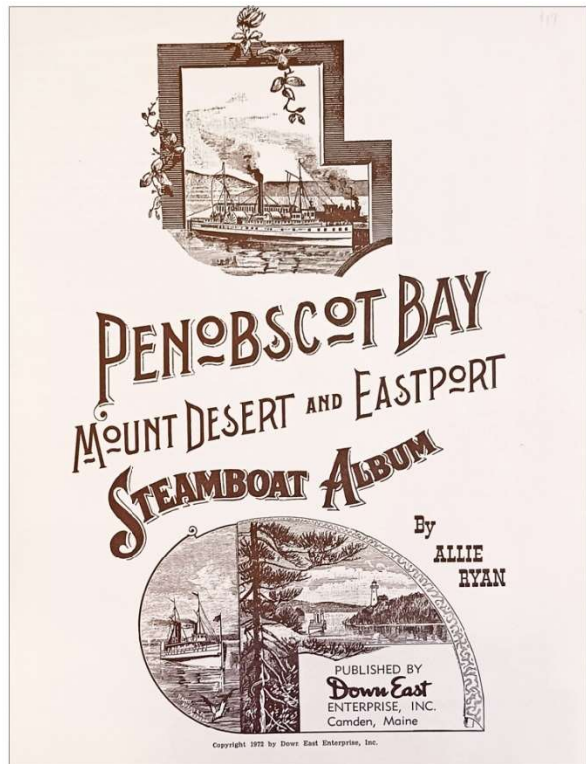
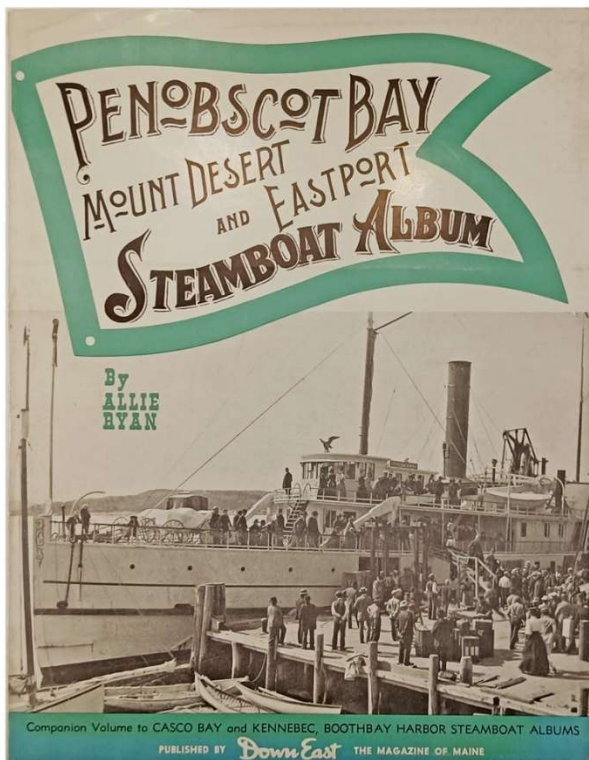
Preble was also known as a writer on naval and historical topics and as a collector of naval documents. His extensive personal library of books and documents related to the sea is located in The George Henry Preble Collection at the Navy Department Library.



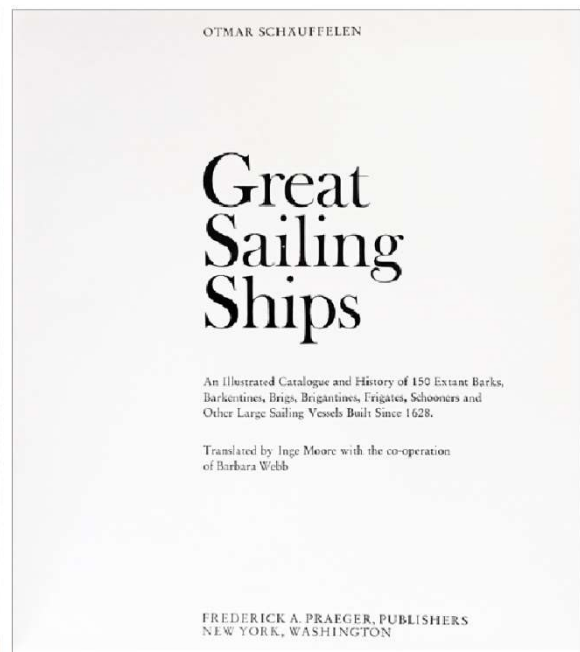
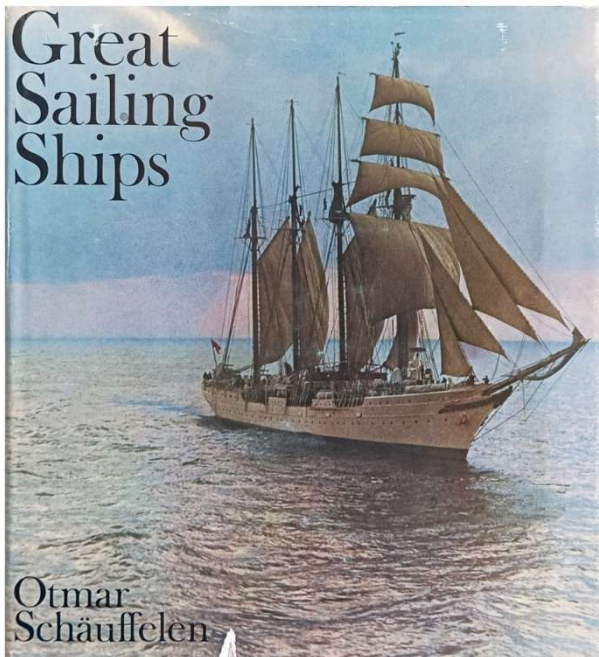
BL3530 **RAVEN, Alan; John ROBERTS.** *British Cruisers of World War Two.* London: Arms and Armour Press, 1980. ¶ 25 cm. 444 pp. Profusely illustrated, appendices, index. Gilt-stamped blue cloth, dust-jacket. Near Fine. Scarce.

\$ 30

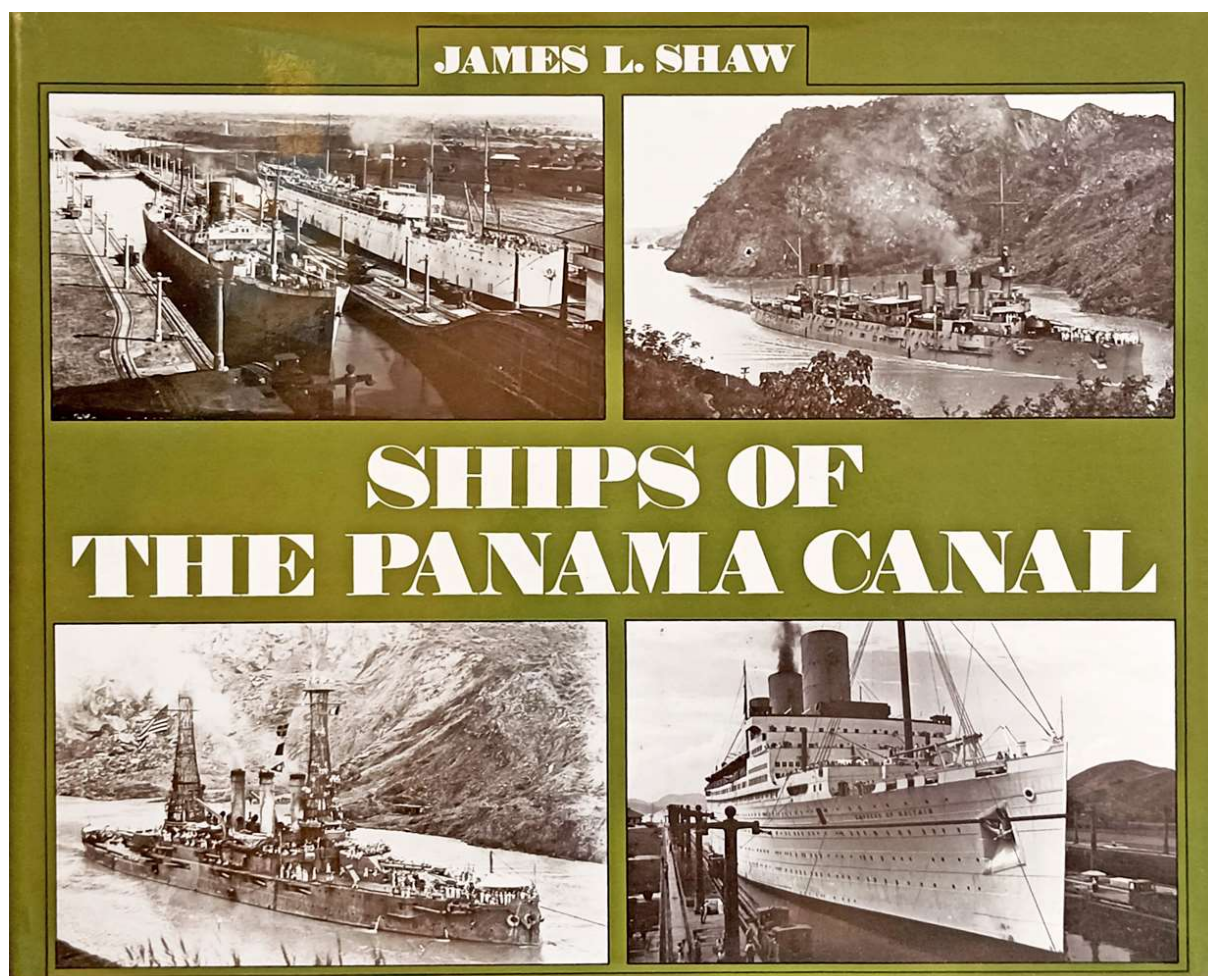
Alan Raven is a British-born naval historian, illustrator, and professional ship-model builder whose work frequently appears in modeling magazines.



BL3539 RYAN, Allie. *Penobscot Bay, Mount Desert and Eastport, Steamboat Album*. Camden: Down East Enterprise, 1972. 28 cm. 72 pp. Profusely illustrated. Printed wrappers. Very good. \$ 14

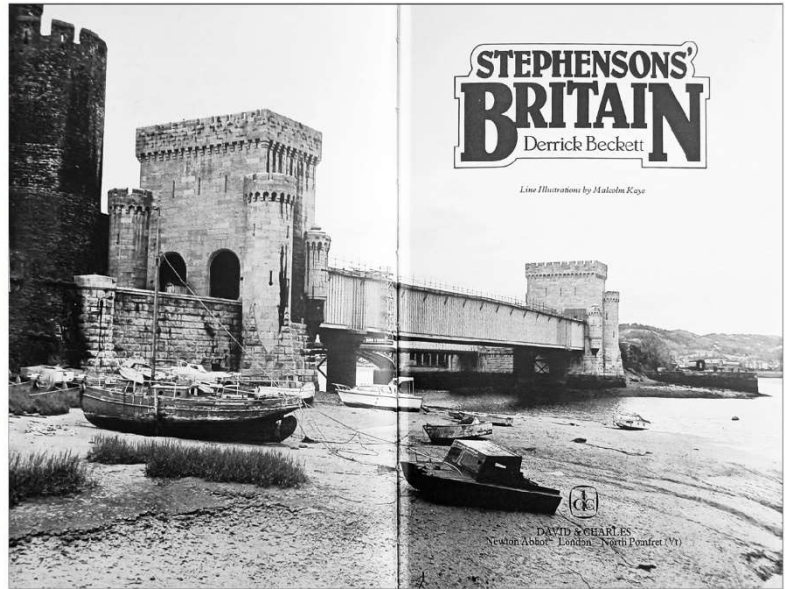
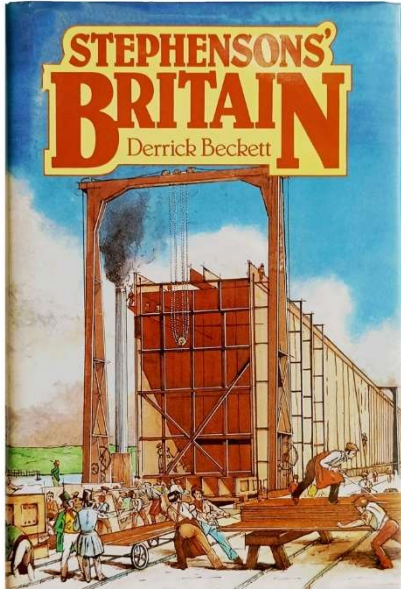


BL3541 SCHÄUFFELEN, Otmar. *Great Sailing Ships, an Illustrated Catalogue and History of 150 Extant Barks, Barkentines, Brigs, Brigantines, Frigates, Schooners and other large sailing vessels built since 1628.* Translated by Inge Moore with co-operation of Barbara Webb. New York: Frederick A. Praeger, 1969. ¶ 8vo. 279 pp. Illustrated, index, printed and bound in two type of papers. Black stamped linen; dust jacket; jacket edges torn. Very good. \$ 8



BL3544 SHAW, James L. *Ships of the Panama Canal.* Annapolis: Naval Institute Press, 1985. ¶ Oblong 8vo. x, 269 pp. Illus., index. Black stamped gray cloth, dust jacket; rear side of jacket scratched. Very good. \$ 12

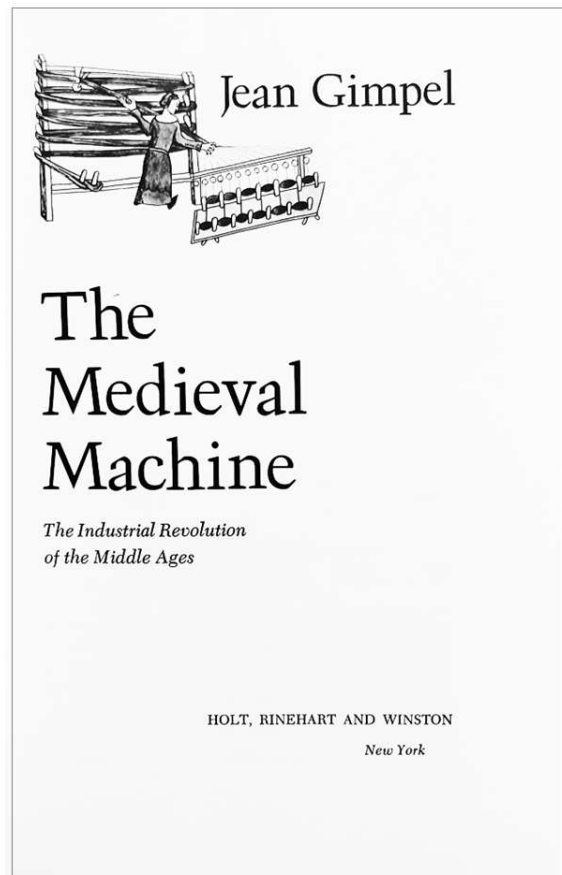
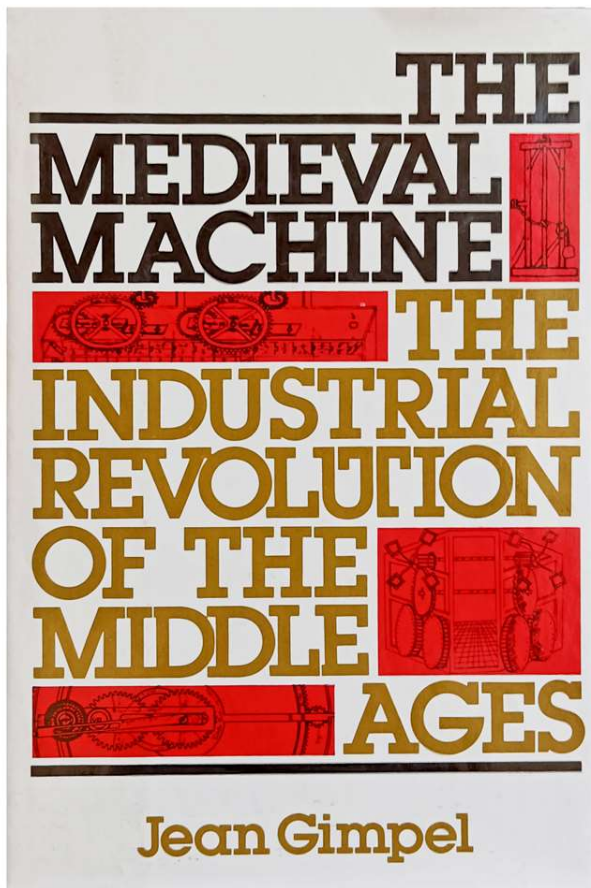
□ Technology & Transport



BL3623 BECKETT, Derrick. *Stephensons' Britain*. Newton Abbot: David & Charles, 1984. ¶ 8vo. 239 pp. Frontis., illus., bibliography, index. Gilt-stamped black cloth; dust jacket. Burndy bookplate. Fine.

\$ 7

Deals with both George (1781-1848) and Robert Stephenson (1803-1859), notable British engineers.



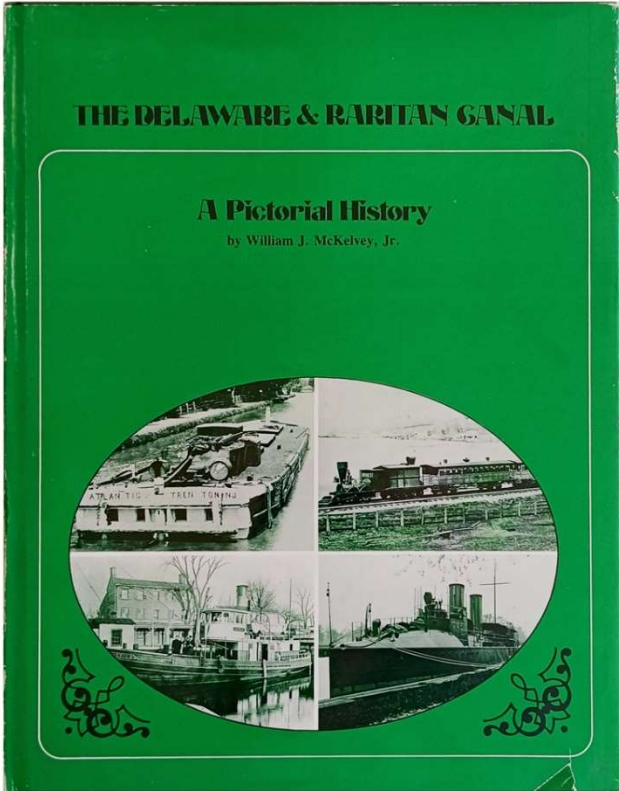
BL3667 **GIMPEL, Jean** (1918-1996). *The Medieval Machine: The Industrial Revolution of the Middle Ages*. New York: Holt, Rinehart and Winston, 1976. ¶ First American Edition. 8vo. xi, 274 pp. Illus., index. Quarter gilt stamped black cloth over black papered boards, dust jacket; jacket small nick to upper corner, else fine.

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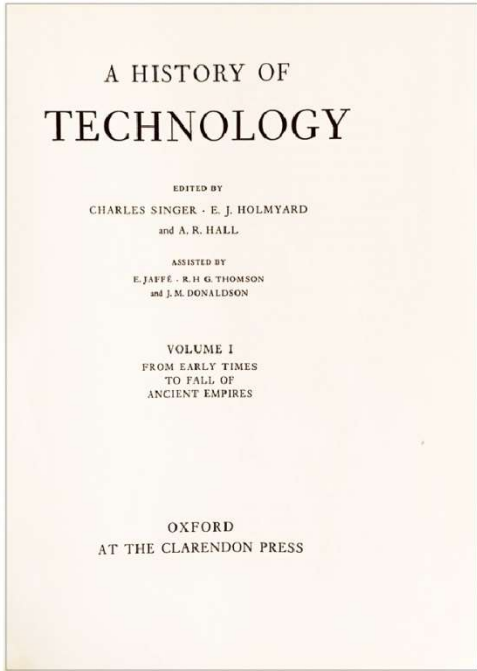
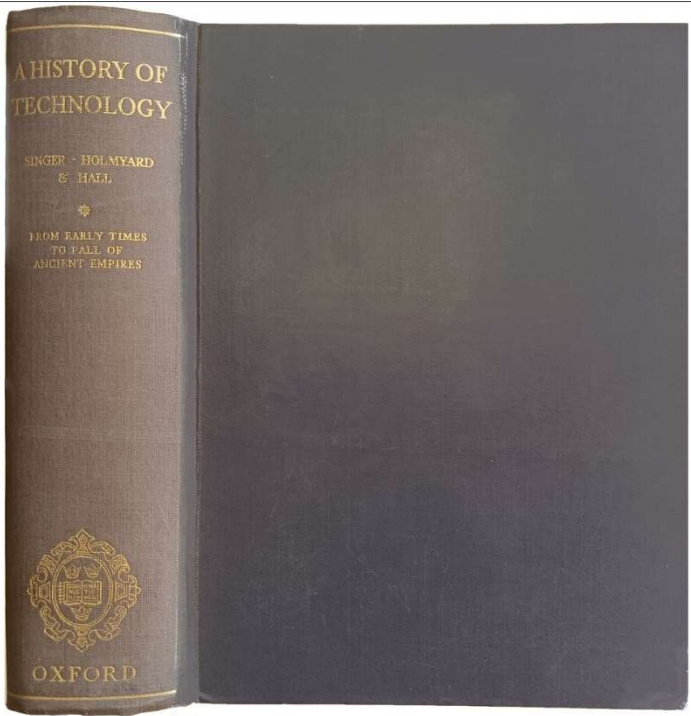
Jean Gimpel was a French historian and medievalist. He believed that the basis of sustainable development in the developing world should be low-tech mediaeval machines that could be built, maintained, repaired, and replaced using local craftsmen and resources.

BL3504 **MCKELVEY, William J., Jr.** *The Delaware & Raritan Canal: A Pictorial History*. York: Canal Press, 1975. ¶ First edition. 29 cm. 128 pp. Profusely illustrated, bibliography. Gilt-stamped green cloth, dust-jacket; jacket a tad worn. Burndy bookplate. AUTHOR SIGNED on the title-page (faintly). Very good.

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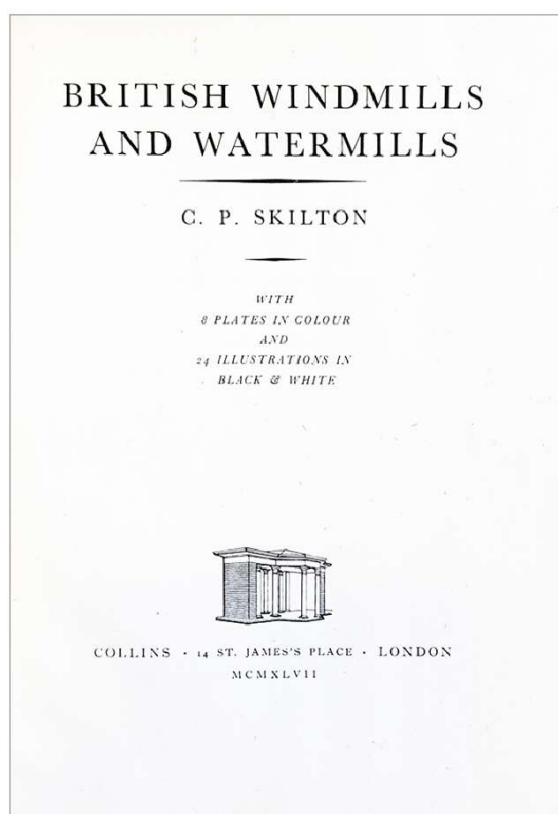
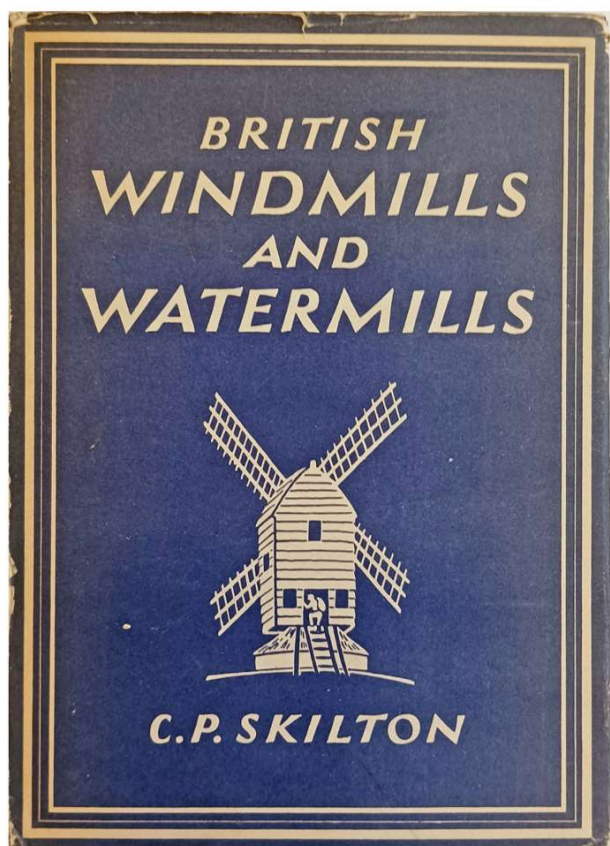


[MCKELVEY]



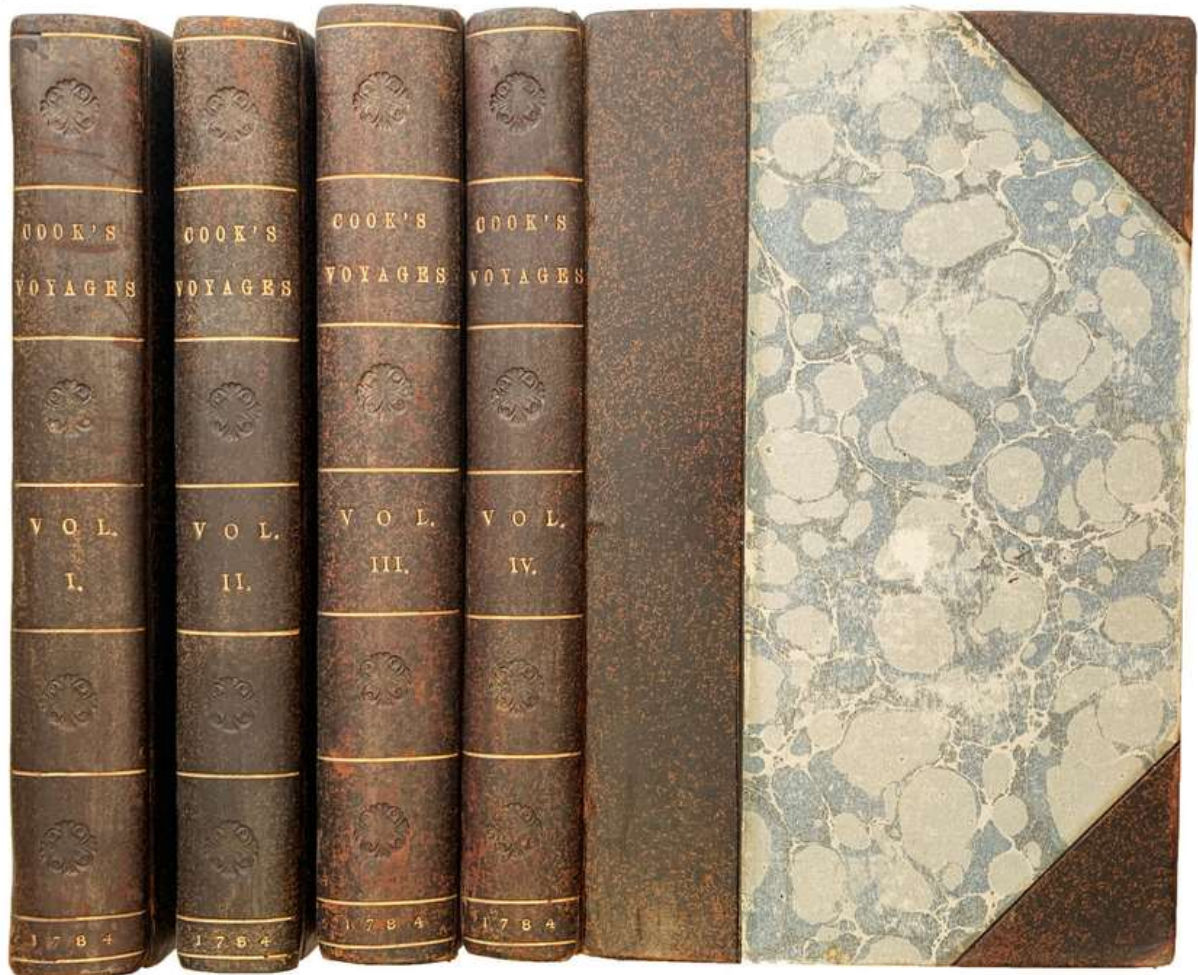
[SINGER]

BL3685 SINGER, Charles (1876-1960); E. J. HOLMYARD; A. R. HALL (editors). *A History of Technology; Volume 1: From early times to fall of ancient empires*. Oxford: Clarendon Press, 1958. ¶ Large 8vo. xlix, 827 pp. Color frontis. with tissue overlay, tables and maps, illustrations, indices, post-pagination plates. Gilt-stamped navy cloth; extremities rubbed. Very good. \$ 20

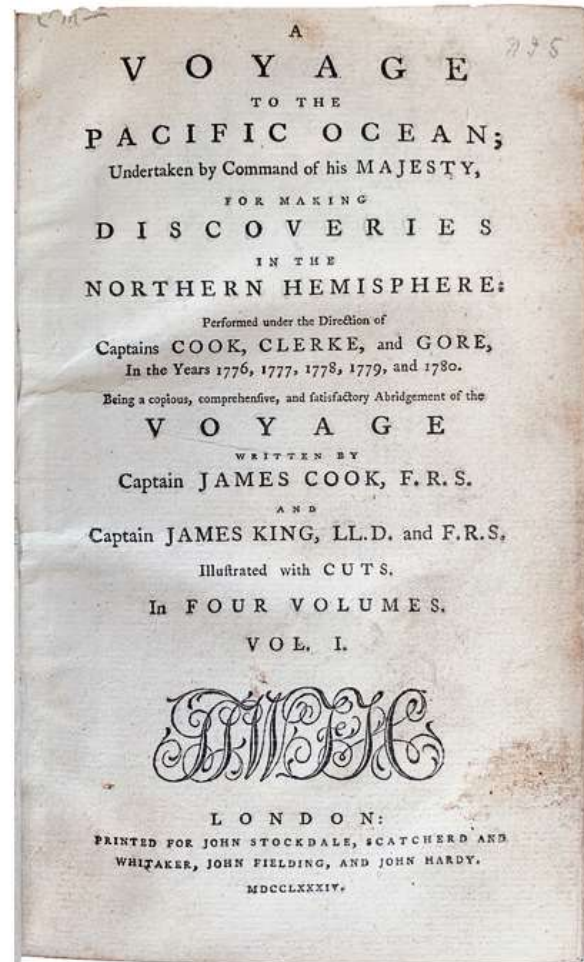


BL3548 SKILTON, C. P. [Charles Philip]. *British Windmills and Watermills*. London: Collins, 1947. ¶ 8vo. 47 pp. Lovely vintage illustrations, including 8 color plates. White and blue printed boards, dust-jacket; extremities rubbed and frayed. Very good. \$ 3.50

□ Voyages & Travel



[COOK, Capt. James]



AA3327 **COOK, Capt. James** (1728-1779). *A voyage to the Pacific Ocean; Undertaken by Command of his Majesty, for making discoveries in the Northern Hemisphere: Performed under the Direction of Captains Cook, Clerke, and Gore, in the Years 1776, 1777, 1778, 1779, and 1780. Being a copious, comprehensive, and satisfactory Abridgement of the Voyage written by Captain James Cook, F.R.S. and Captain James King, LL.D. and F.R.S.* London: Printed for John Stockdale, Scatcherd and Whitaker, John Fielding, and John Hardy, 1784. ¶ Four volumes. 8vo. (196 x 124 mm) xii, 370; xii, 359; xii, 400; xii, 310, [2 blank, 60] pp. Large folding map, folding map of Hawaii, engraved frontispiece portrait of Cook, 48 [17+11+16+4] full-page engravings, including folding plate of the death of Cook, index, list of subscribers. Modern half brown calf over marbled boards, gilt-stamped spine titles. Fine.

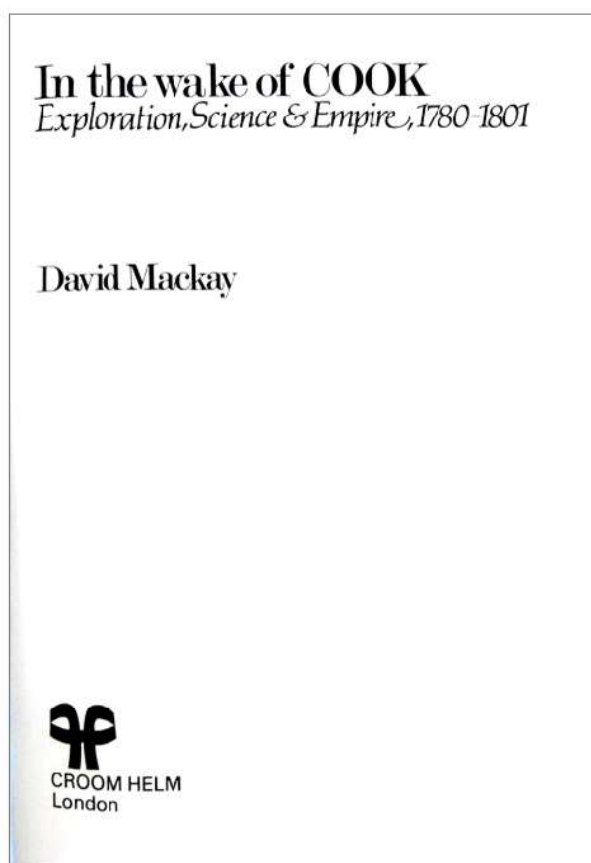
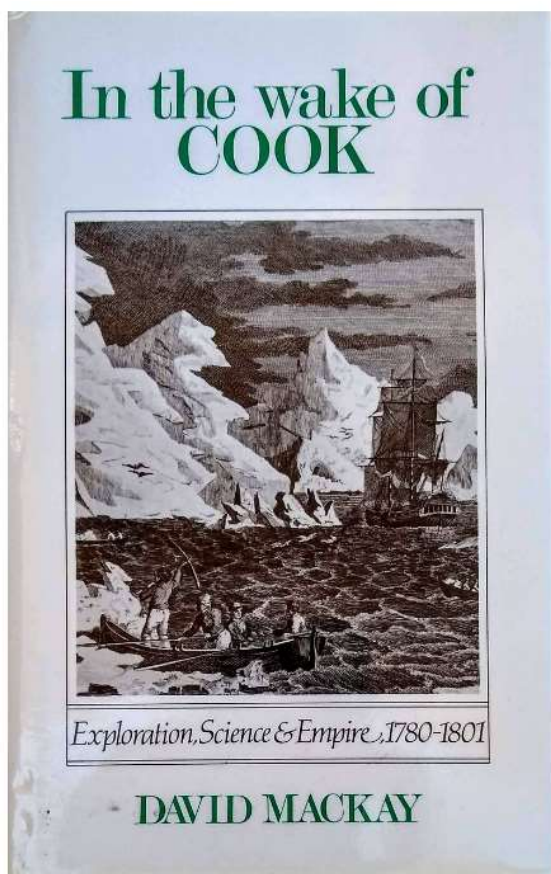
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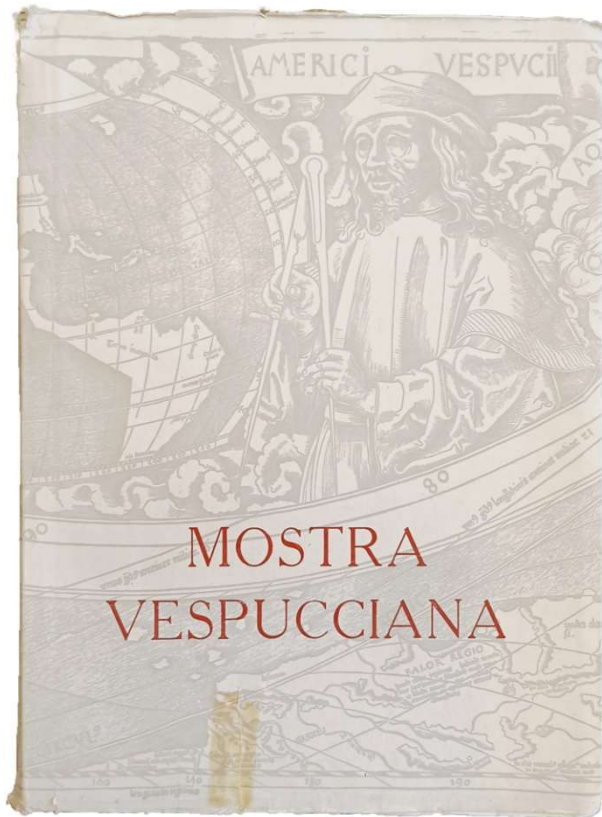
so without all the technical nautical details found in the earlier quarto edition, but often preferred by readers because “the work reads more like an adventure” [Hill]. On board were a number of significant crew members: William Bligh, James Burney, James Colnett, George Vancouver, and John Webber as artist to the expedition. The voyage took in Kerguelen Island, Tasmania, New Zealand, and the Cook, Tonga, and Society Islands, sailed north and discovered Christmas Island and the Hawaiian Islands, which Cook named the Sandwich Islands. “Cook charted the American west coast from Northern California through the Bering Strait as far north as latitude 70 degrees 44’ before he was stopped by pack ice. He returned to Hawaii for the winter and was killed in an unhappy skirmish with the natives over a boat. Charles Clerke took command, and after he died six months later, the ships returned to England under John Gore. Despite contemporary English hostilities with the United States and France, the scientific nature of this expedition caused the various governments to exempt these vessels from capture. This voyage resulted in what Cook judged his most valuable discovery - the Hawaiian Islands” [Hill].

☐ Beddie 1545; Hill 362; Mitchell “Cook” 1545; Sabin 16251.





PW1165 [COOK, James (1728-1779)] MACKAY, David. *In the Wake of Cook: Exploration, Science & Empire, 1780-1801*. London: Croom Helm, 1985. ¶ 8vo. [xiv], 216 pp. 3 figs., index. Black gilt-stamped cloth, dust jacket. Very good. \$ 14



BL3606 [VESPUCCI, Amerigo (1451-1512)] **Comitato Onoranze ad Amerigo Vespucci Nel Quinto Centenario Della Nascita. *Mostra Vespucciana, Catalogo; Firenze, Palazzo Vecchi – Giugno 1954-Settembre 1955.*** Firenze, 1955. ¶ 8vo. xii, 188 pp. Index, plates. Original printed wrappers, dust-jacket; jacket extremities frayed. Burndy bookplate. Very good. \$ 12

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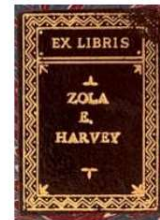


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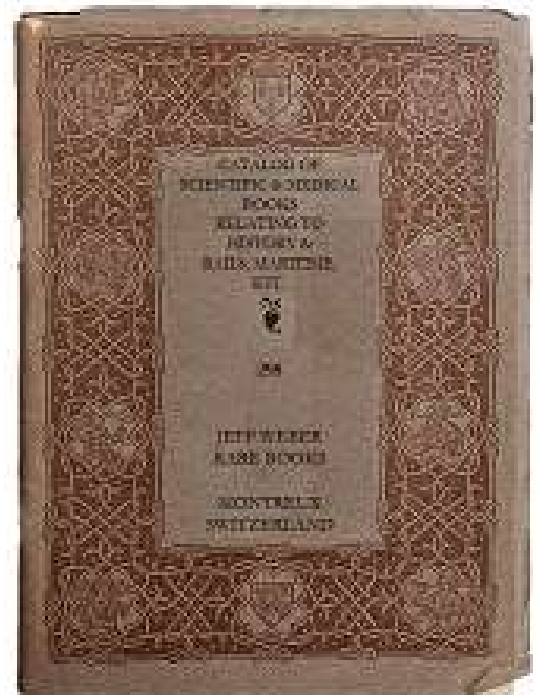
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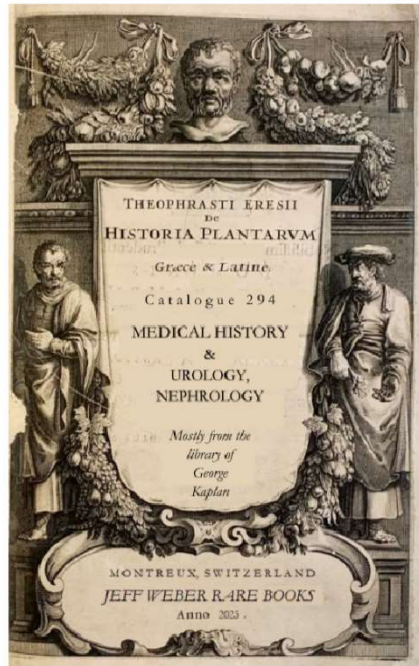
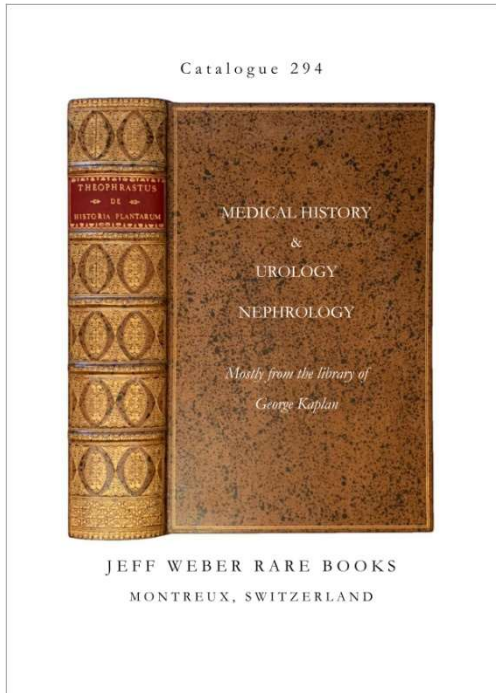


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