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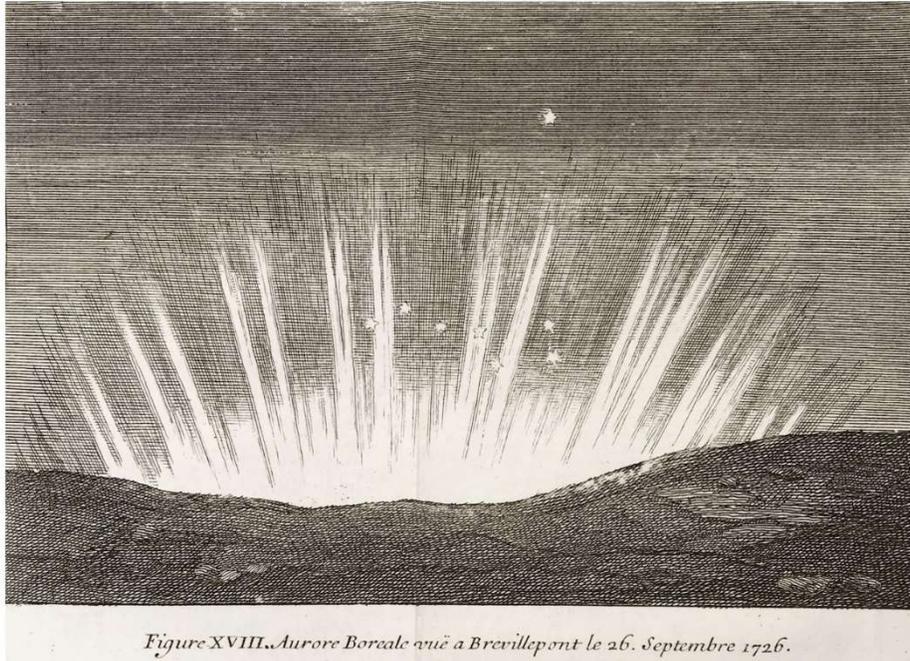
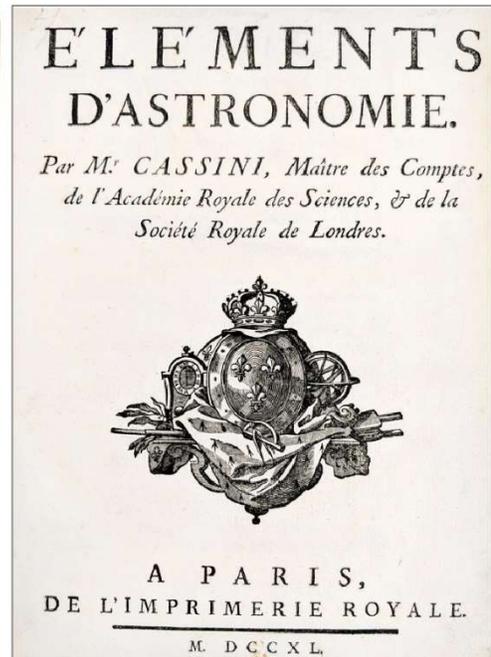


Figure XVIII. Aurore Boreale vue à Brevillepont le 26. Septembre 1726.

RW1174 Mairan, AURORE BOREALE



Cassini's Most Important Work

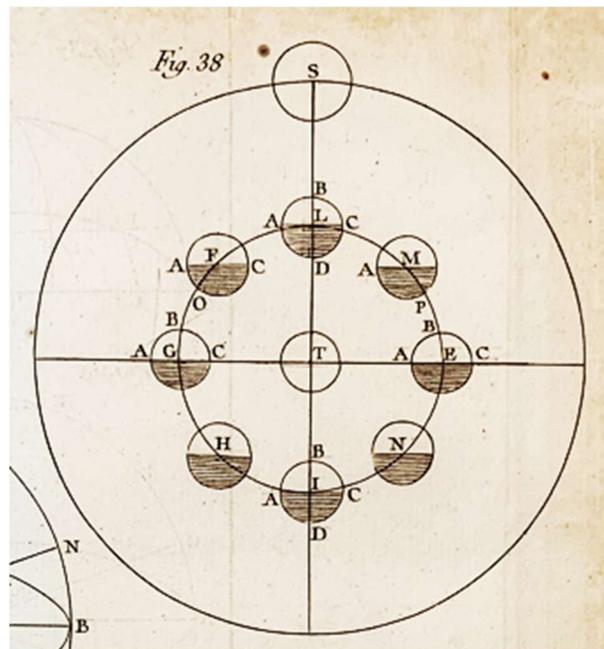
RW-1030 **CASSINI, Jacques** (1677-1756). *Elements d'Astronomie; [with:] Tables astronomiques du soleil, de la lune, des planetes, des etoiles fixes, et des satellites de Jupiter et de Saturne.* Paris: L'Imprimerie Royale, 1740. ¶ 2 volumes. 4to. xvi, [12], 643, [1]; xiv, [6], 120, 222, [2] pp. including errata. Woodcut arms of the Bourbons on titles of both volumes, engraved vignette of the Paris Observatory by Henri Simon Thomassin (1688-1741), and 26 folding engraved plates (5 by engr. by Simonneau). Contemporary blind-stamped vellum, ornamental devices on front and back covers; hinges weakened (one joint starting to split), covers slightly soiled, some interior browning, otherwise an excellent set, with some pencil marginalia [v. II, p.50] and a leaf of notes in manuscript outlining further corrections to the tables. Very good copy.

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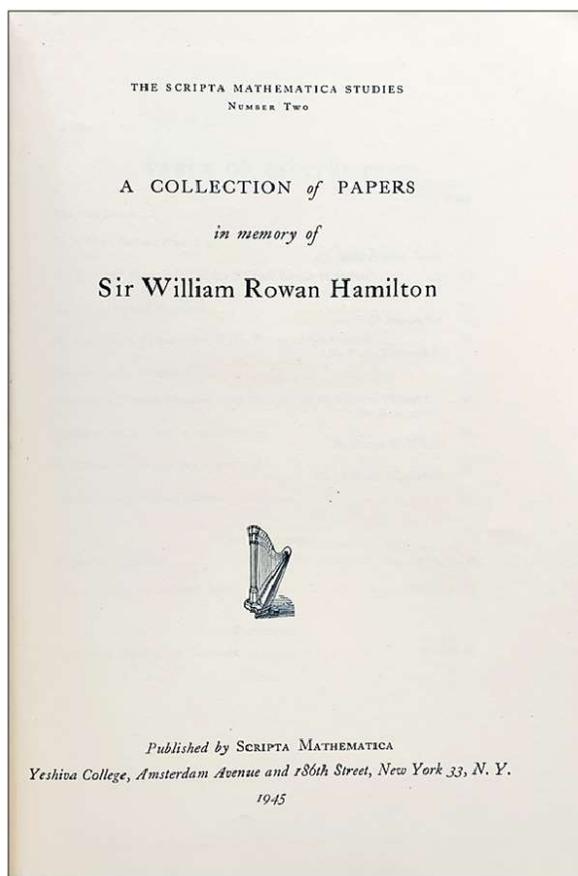
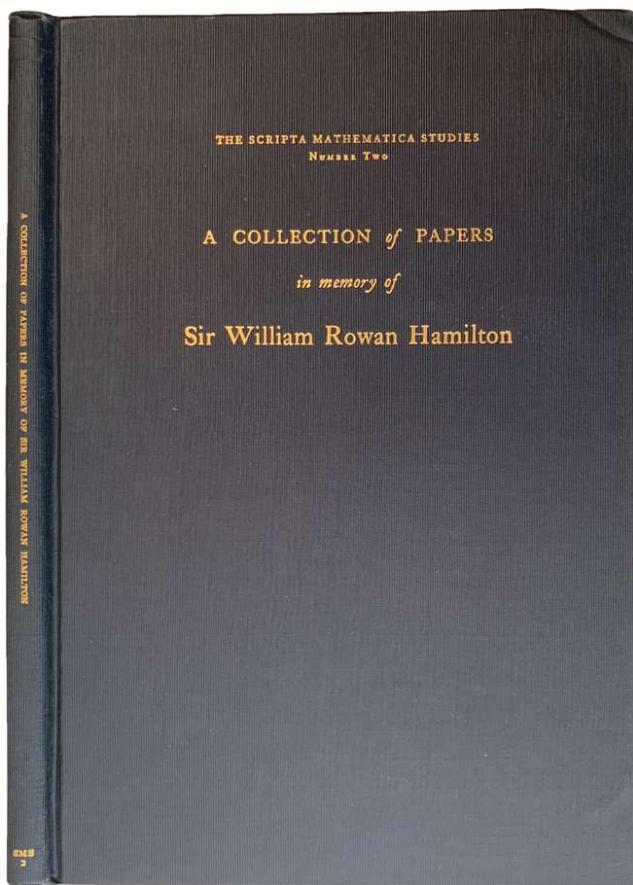
FIRST EDITION. The *Elements* is Cassini's most valuable contribution to astronomy. Based on years of observations Cassini made as director of the Paris Observatory, it covers theories of the sun and moon, fixed stars, motion of the stars, and descriptions of the planets, including Saturn's rings and Jupiter's satellites. The tables in the second volume were so accurate that they were used by astronomers long after the book went out of print. "An ardent opponent of Sir Isaac Newton's gravitational theory, he continually defended his father's work; but he was unable to reconcile his observations with his father's theories." – Britannica.

[COVER & TITLE Sequence inspired by 1335 Henry Sotheran & 1481 MITCHEL

"In astronomy proper Cassini's work is vast. Besides working patiently as an observer and directing frequently effective work while head of the Paris observatory he published a great number of memoirs in the *Histoire de l'Academie* and two books on astronomy (1740): a collection of tables and a manual. Cassini's principal areas of interest were the study of the planets and their satellites — particularly the inclination of the orbits of the satellites and the structure of Saturn's ring — the observation and the theory of the comets, and the tides." – *DSB* III, pp. 104-105.

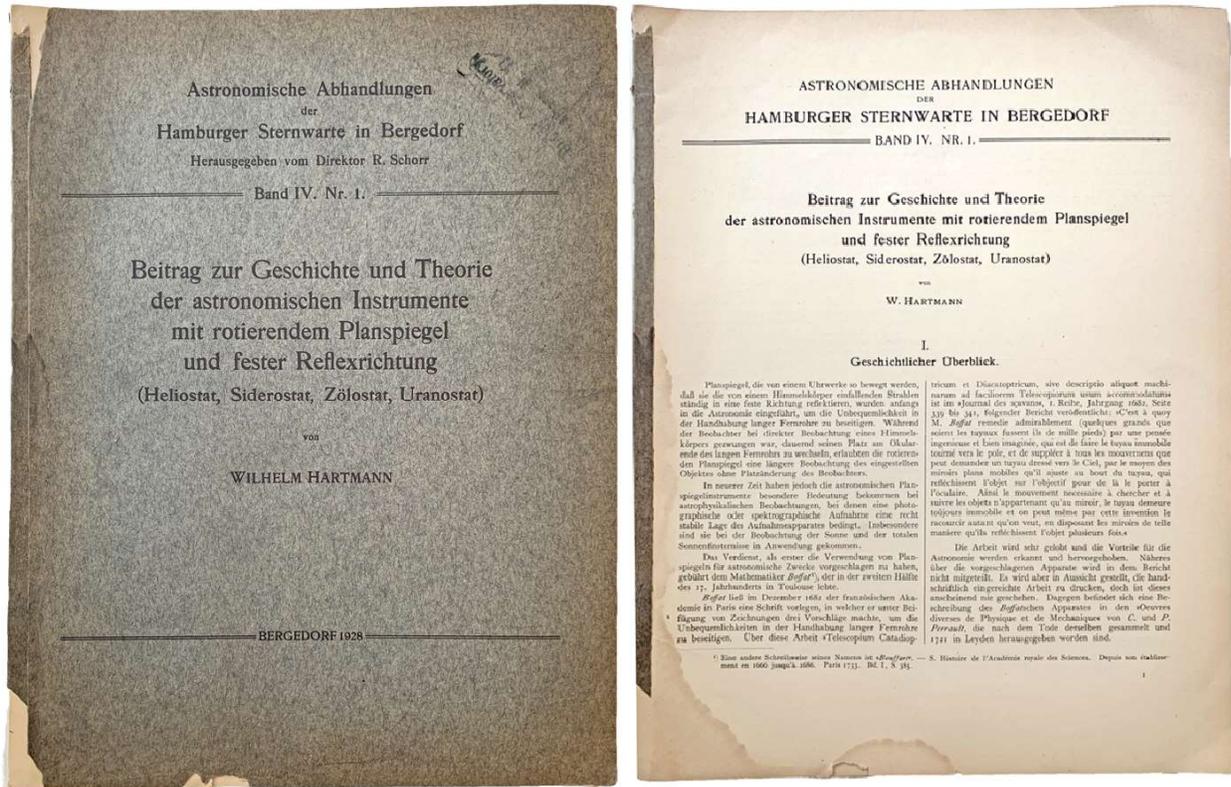


☀ Houzeau & Lancaster, I, pt. 2, 9251, 12793; Lalande, pp. 411-12; Poggendorff, I, pp. 390-391; Barchas 361 & 362.



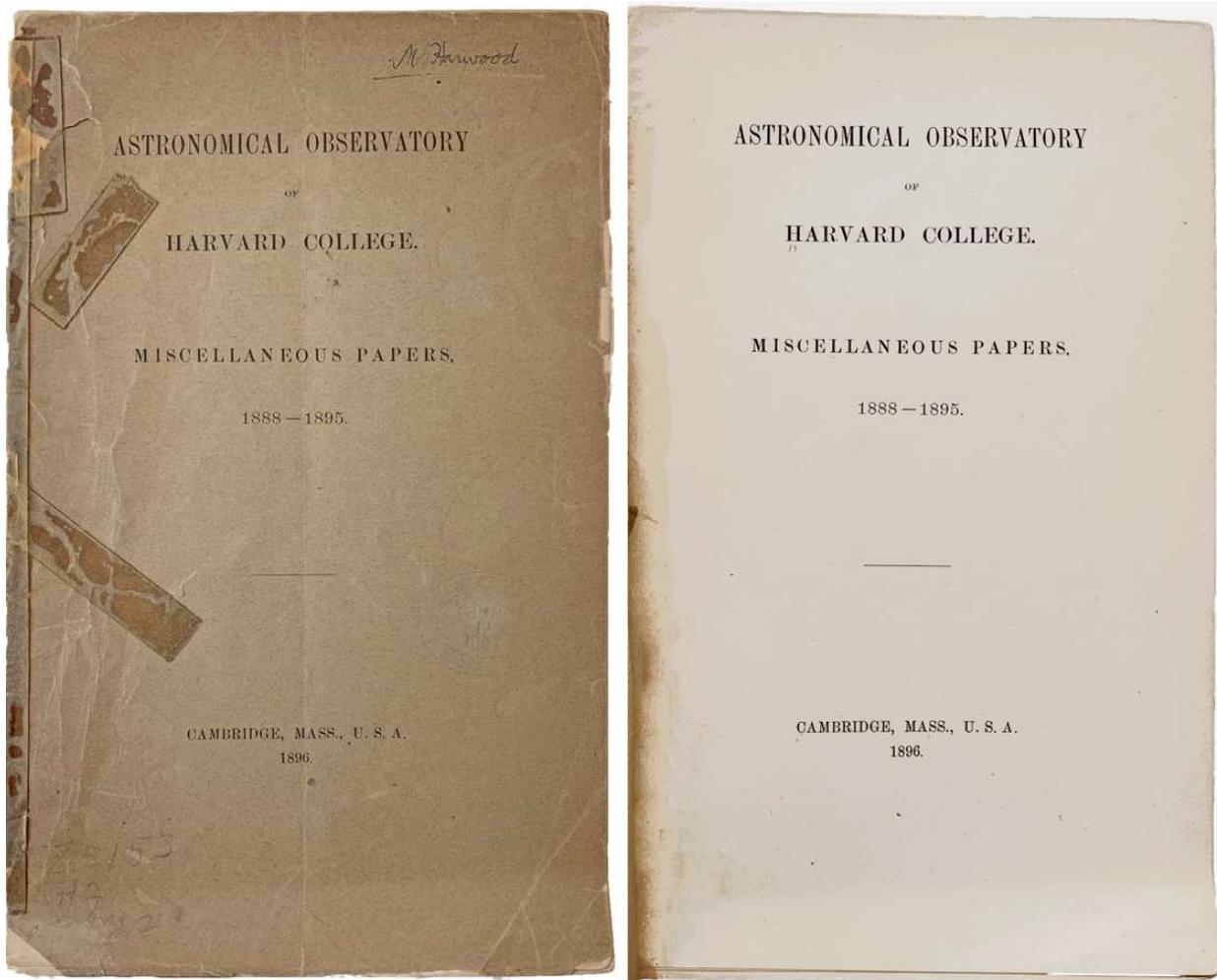
1303 [HAMILTON, William Rowan (1805-1865)] *A Collection of Papers in Memory of Sir William Rowan Hamilton*. New York: Scripta Mathematica, 1945. ¶ Series: Scripta Mathematica Studies, No. 2. 8vo. 82 pp. Two plates, two facsimile reproductions from Hamilton's notebooks. Navy cloth, gilt-stamped cover and spine titles. Near fine. \$ 85

Features 7 papers by David Eugene Smith, J. L. Synge, C.C. MacDuffee, F.D. Murnaghan, H. Bateman, Edwin B. Wilson, and Vladimir Karapetoff.

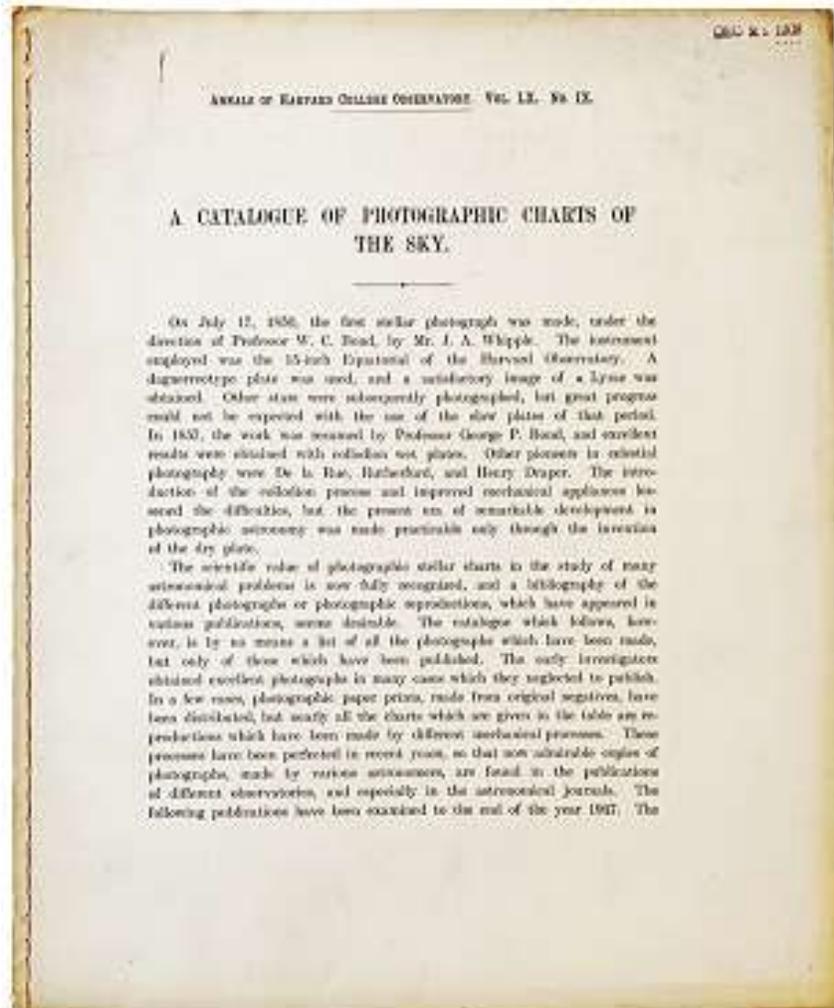


1307 HARTMANN, Wilhelm. *Beitrag zur Geschichte und Theorie der astronomischen Instrumente mit rotierendem Planspiegel und fester Reflexrichtung (Heliostat, Siderostat, Zölostat, Uranostat)*. Bergedorf: Hamburger Sternwarte, 1928. ¶ Series: Astronomische Abhandlungen der Hamburger Sternwarte in Bergedorf, Band IV, Nr. 1. 4to. 36 pp. 24 numbered figs., 13 tables. Printed wrappers; front cover detached, wrappers and spine chipped with pieces missing, some pages marginally water-stained (text unaffected). Good. \$ 20

Includes a bibliography with 71 items.

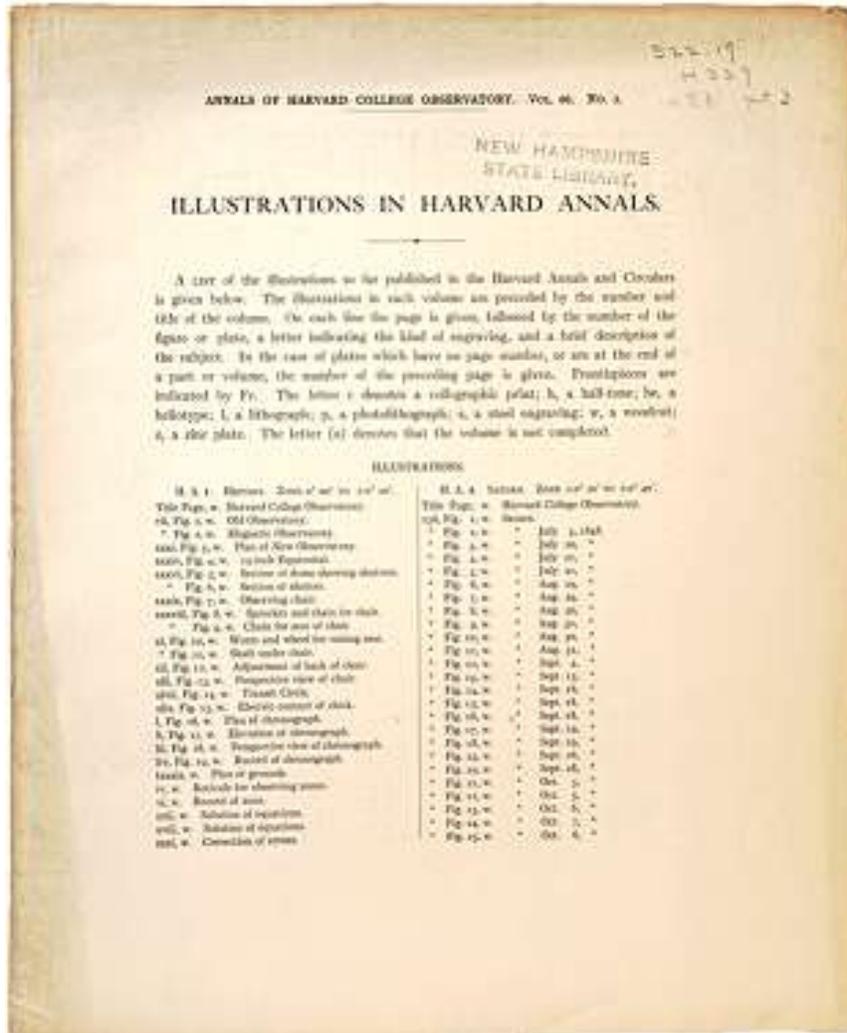


1308 **Harvard College**. Astronomical Observatory of Harvard College. *Miscellaneous Papers, 1888-1895*. Cambridge, MA: Harvard, 1896. ¶ 8vo. 15 pp. Printed wrappers; rear cover missing, front cover held by tape. Previous owner's inked signature on front cover. Good. Rare. \$ 10

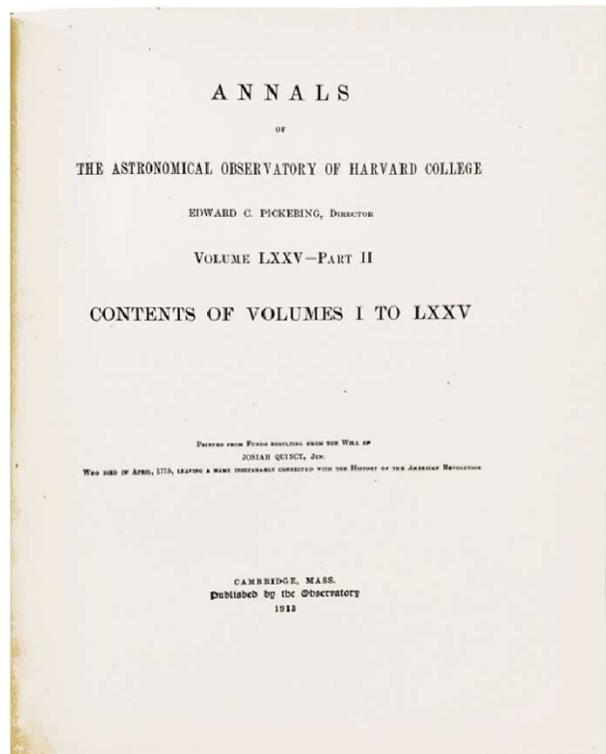
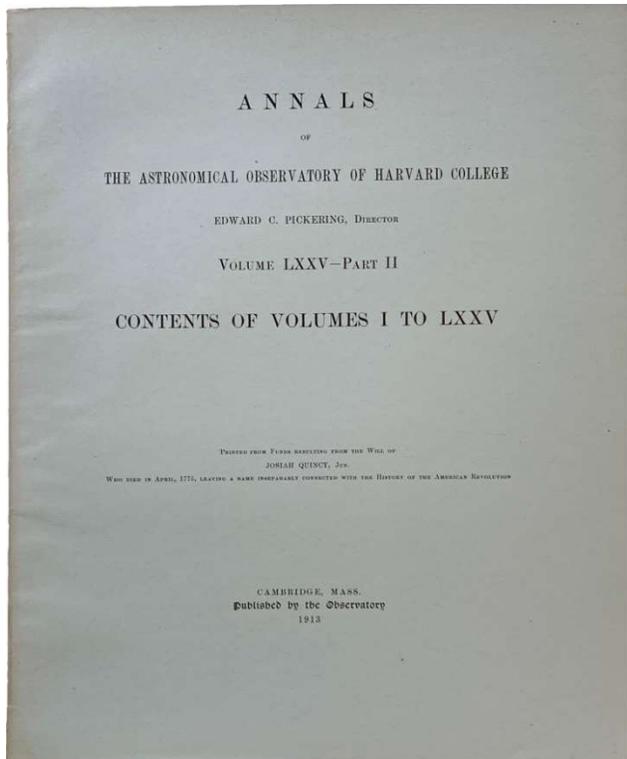


1309 **Harvard College Observatory.** "A Catalogue of Photographic Charts of the Sky." In: *Annals of Harvard College Observatory*. Vol. LX. No. IX. [Cambridge, MA]: [The Observatory, 1907]. ¶ 295 x 245 mm. (231)-251 pp. Table. Self-wraps; original covers may be missing. Very good. \$ 20

This is a most interesting record of the appearance of photographic images of stars reproduced in an amazing variety of serial and monograph publications and ordered by the name of the object. Compiled by Solon Irving Bailey (1854-1931).

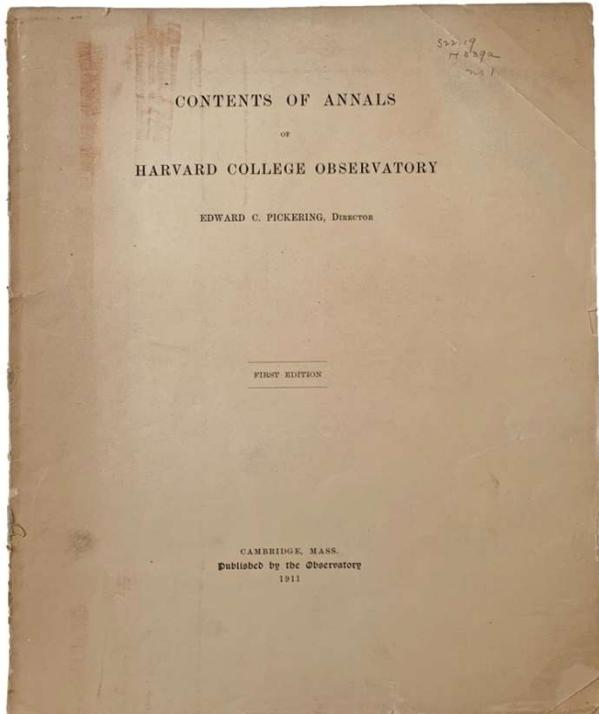


1311 Harvard College Observatory. "Illustrations in Harvard Annals." In: *Annals of Harvard College Observatory*. Vol. 80. No. 3. [Cambridge, MA]: [The Observatory, circa 1914]. ¶ (295 x 245 mm). (71)-82 pp. Self-wraps; original covers may be missing, offsetting, spine ends starting. Former library copy with the usual markings. Fair. \$ 4



1313 [Harvard College Observatory] PICKERING, Edward C. (dir.). *Annals of the Astronomical Observatory of Harvard College. Volume LXXV – Part II: Contents of Volumes I to LXXV*. Cambridge, MA: The Observatory, 1913. ¶ (295 x 245 mm). (209)-246 pp. Printed wrappers. Fine. \$ 45

In addition to brief titles the contents describe the articles and give credit for authorship where it may not have been indicated clearly in the original publication. A most valuable reference for anyone interested in Harvard Observatory and its publications.



DESCRIPTION OF CONTENTS.

1. Part 1. History and Description of the Astronomical Observatory of Harvard College. pp. cxc. 1856. History during the years 1840 to 1855. A detailed description of the 15-inch Equatorial. History of the invention of the electric chronograph. Early experiments in astronomical photography. Annual Reports of the Director and Visiting Committee, 1845 to 1855. WILLIAM C. BOND.

1. Part 2. Zone Catalogue of 5,500 Stars situated between the Equator and 0° 20' North Declination, 1852, 1853. pp. xvii and 317. 1855. The first accurate measures of the positions of a large number of very faint stars. The times of transit across a mica scale were recorded by a chronograph, and declinations were measured by the scale. The method and its results are discussed in detail in the Introduction. Similar observations of other stars are contained in H.A. 2, Part 2, and in H.A. 6. GEORGE P. BOND.

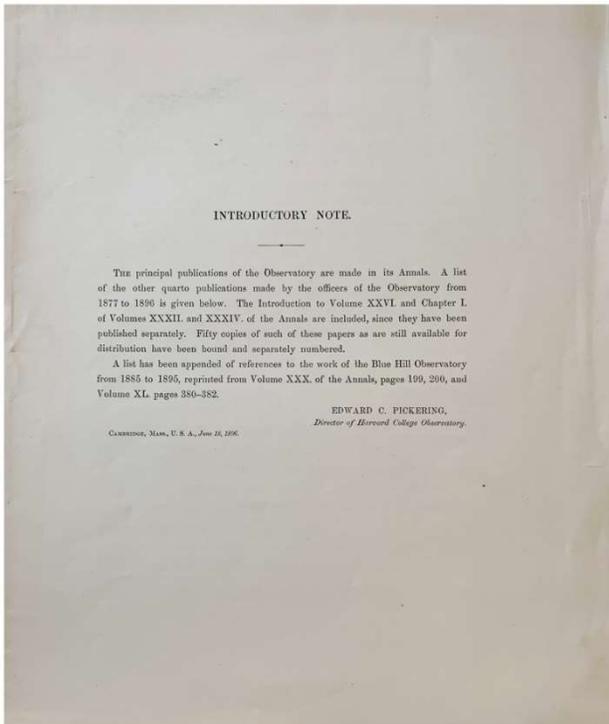
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2. Part 2. Zone Catalogue of 4,484 Stars situated between 0° 20' and 0° 40' North Declination, 1854, 1855. pp. 257. 1867. See H.A. 1, Part 2. TRUMAN H. SAFFORD, PHILIP S. COOLIDGE.

3. Account of the Great Comet of 1858. pp. xx and 372. pl. 51. 1862. Monograph of Donati's Comet, with discussion of all accessible observations, together with careful drawings on steel and copper. GEORGE P. BOND.

4. Part 1. A Catalogue of Standard Polar and Cloek Stars, for the Reduction of Observations in Right Ascension. pp. 32. 1863. From the

1315 [Harvard College Observatory] PICKERING, Edward C. (dir.). *Contents of Annals of Harvard College Observatory*. First Edition. Cambridge, MA: The Observatory, 1911. ¶ (295 x 245 mm). 36 pp. Printed wrappers; a bit soiled with tears, spine missing (pages still holding). Very good. \$ 20



QUARTO PUBLICATIONS.

Stellar Magnitudes. A Register to Astronomers. A Comparison of Harvard College Observatory Catalogue of Stars for 1875-80 with the Fundamental Systems of Arvesen, Safford, Bond, and Newcomb. By WILLIAM A. ROGERS. *Memoirs Am. Acad.*, Vol. X, p. 205.

Astronomical Photography, February 21, 1856.

The Apparent Position of the Zodiacal Light. By ARTHUR SEARLE. *Memoirs Am. Acad.*, Vol. XI, p. 151. October 14, 1856.

The Longitude of the McGill College Observatory. By W. A. ROGERS and C. H. McLEOD. *Trans. R. Soc. Canada, Sect. III*, 1883, p. 111. May 29, 1883.

An Investigation in Stellar Photography conducted at the Harvard College Observatory with the Aid of an Apparatus from the Bache Found. *Memoirs Am. Acad.*, Vol. XI, p. 179. March 16, 1865.

Fitchard's Wedge Photometer. By S. P. LANGLEY, C. A. YORSE, and E. C. PICKERING. *Memoirs Am. Acad.*, Vol. XI, p. 201. November 19, 1865.

Photographic Study of Stellar Spectra. Henry Draper Memorial, March 20, 1890.

Harvard College Observatory. Boyden Fund. Circle No. 1.

Harvard College Observatory. Boyden Fund. Circle No. 2.

Henry Draper Memorial. First Annual Report of the Photographic Study of Stellar Spectra conducted at the Harvard College Observatory, March 1, 1892.

Henry Draper Memorial. Second Annual Report of the Photographic Study of Stellar Spectra conducted at the Harvard College Observatory, 1893.

Harvard College Observatory. Boyden Fund. Circle No. 3.

A Large Photographic Telescope. November 26, 1895.

Henry Draper Memorial. Third Annual Report of the Photographic Study of Stellar Spectra conducted at the Harvard College Observatory, 1899.

The First Photographic Telescope. June 25, 1859.

Henry Draper Memorial. Fourth Annual Report of the Photographic Study of Stellar Spectra conducted at the Harvard College Observatory, 1900.

Aid to Astronomical Research. July 19, 1899.

Aid to Astronomical Research. No. II. November 11, 1900.

Variable Stars of Long Period. February 7, 1901.

Harvard College Observatory. Meteorological Publications. May 12, 1891.

History and Progress of the Henry Draper Memorial during the Years 1888-91. Extracted from Vol. XXXI of the *Annals*.

A Large Southern Telescope. September, 1892.

Investigations in Astronomical Photography. By WILLIAM H. PICKERING. Extracted from Vol. XXXII of the *Annals*.

History of the First Peruvian Expedition, 1800-01. By SOLEY I. BARLET. Extracted from Vol. XXXIV of the *Annals*.

Harvard College Observatory. Circle No. 1. Introduction. A New Star in Cygnus. October 26, 1856.

Circle No. 2. Variable Star Cluster. November 2, 1855.

Circle No. 3. New Variable Star of the Alpi Type. December 13, 1855.

Circle No. 4. A new Star in Centaurus. The New Alpi Variable in Delphinus. December 20, 1855.

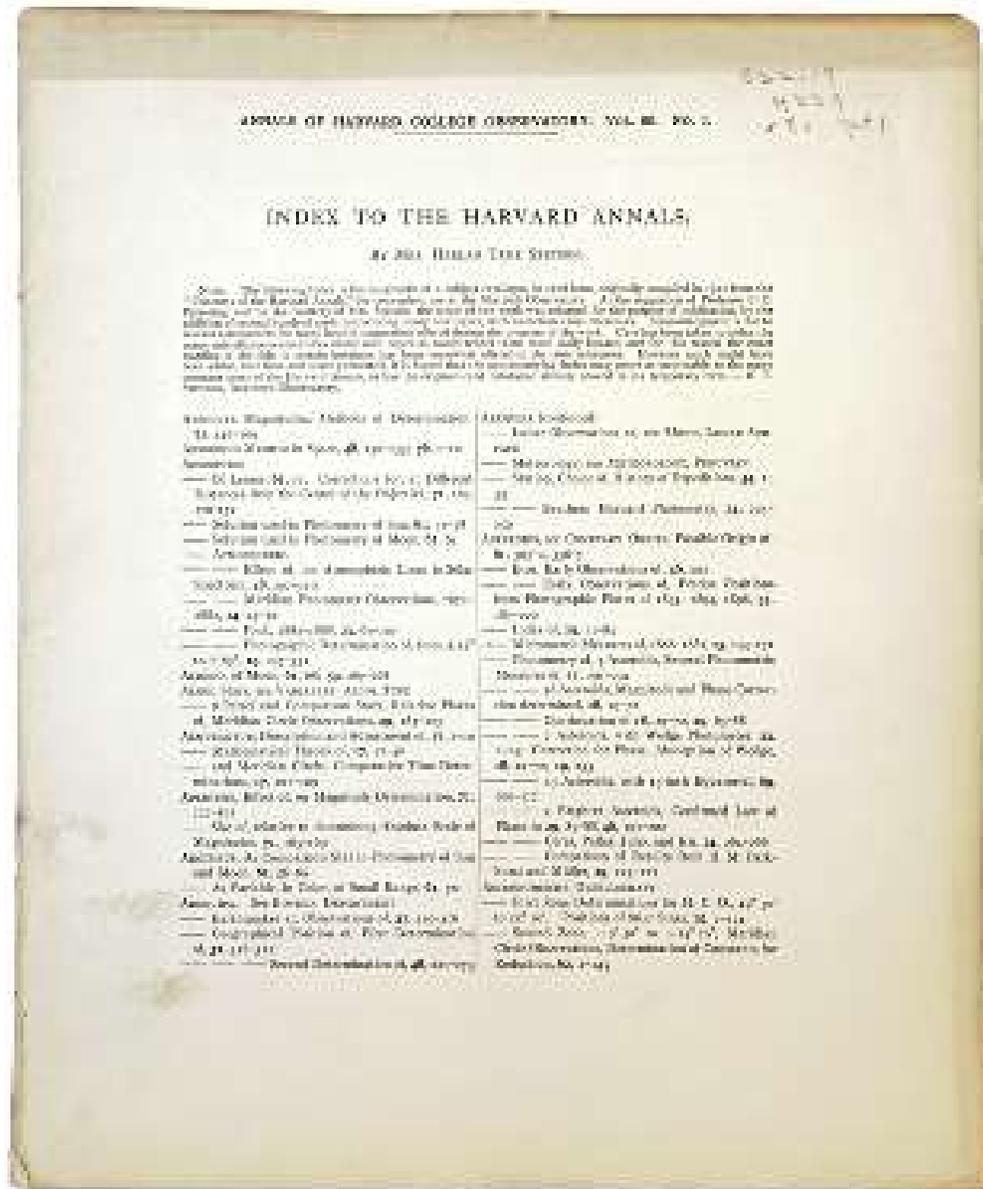
Circle No. 5. Wells' Alpi Variable. The New Star in Centaurus. January 31, 1856.

Circle No. 6. New Variable Stars. March 19, 1856.

Circle No. 7. Ten New Variable Stars. Miscellaneous. June 3, 1856.

Circle No. 8. Collection of Meteorological Works. June 19, 1856.

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1317 Harvard College Observatory. STETSON, Mrs. Harlan True. "Index to the Harvard Annals." In: *Annals of Harvard College Observatory*. Vol. 80. No. 1. [Cambridge, MA]: [The Observatory, circa 1915]. ¶ (295 x 245 mm). 15 pp. Self-wraps. Very good. \$ 15

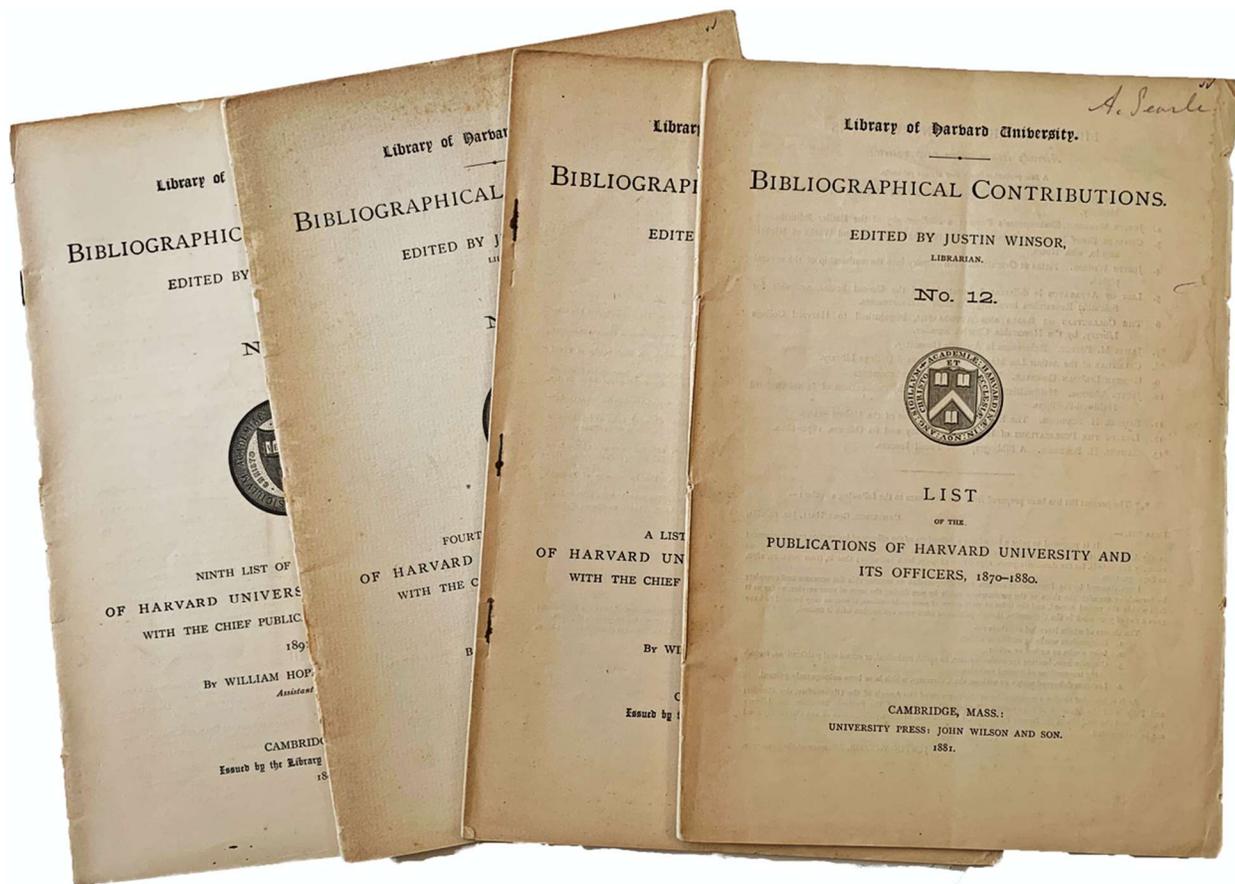
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By Mrs. HARLAN TRUE EDITOR.

NOTE.—The following lists in the synopsis of a subject contained in this volume, originally compiled by Mrs. Harlan True, Editor of the Harvard Annals, for convenience use at the Harvard Observatory. In the compilation of William D. C. Phillips, and by the courtesy of Mrs. True, the names of the authors are retained for the purpose of guidance, but the titles of articles, tables, illustrations, etc., are given in full, and are arranged in alphabetical order. The articles are arranged in the order in which they appeared in the Annals, and are numbered in the order in which they were published. In the case of articles published in the Annals, the volume and page numbers are given. In the case of articles published in other journals, the volume and page numbers are given. In the case of articles published in the Annals, the volume and page numbers are given. In the case of articles published in other journals, the volume and page numbers are given.

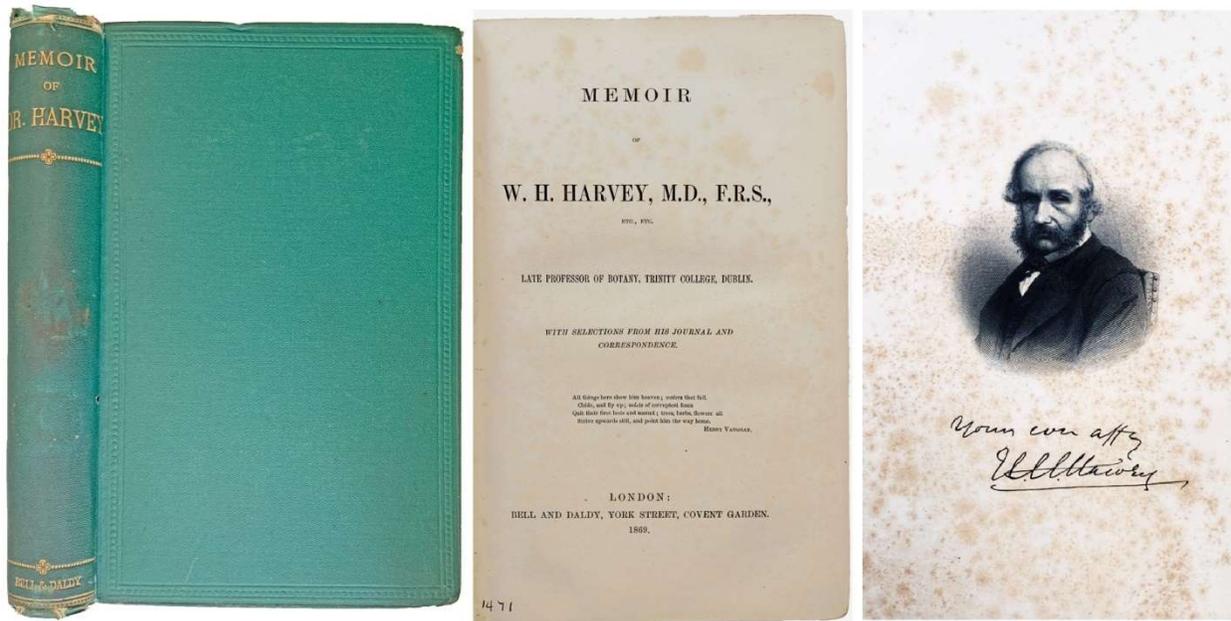
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1318 Harvard College Observatory. STETSON, Mrs. Harlan True. "Index to the Harvard Annals." In: Annals of Harvard College Observatory. Vol. 80. No. 1. [Cambridge, MA]: [The Observatory, circa 1915]. ¶ (295 x 245 mm). 15 pp. Self-wraps; chipped and soiled. Good. \$ 7



1319 [Harvard University] WINSOR, Justin (ed.). Library of Harvard University. Bibliographical Contributions. Nos. 12, 23, 28, 47. Four Issues. [No. 12. List of the Publications of Harvard University and Its Officers, 1870-1880; No. 23. A List of the Publications of Harvard University and Its Officers, with the Chief Publications on the University, 1885-1886. By William H. Tillinghast; No. 28. Fourth List of the Publications of Harvard University and Its Officers, with the Chief Publications on the University. 1886-1887. By William Hopkins Tillinghast; No. 47. Ninth List of the Publications of Harvard University and Its Officers, with the Chief Publications on the University. 1891-1892. By William Hopkins Tillinghast]. Cambridge: John Wilson and Son & the Library of Harvard University, 1881-1893. ¶ 8vo. 51; 21; 34; 34 pp. Printed wrappers; wrappers a bit worn. Previous owner's penciled signature on front cover of No. 12 and 47. Very good. \$ 50

Includes much of astronomical interest including many minor and otherwise fugitive titles and citations.



1320 **HARVEY, William Henry** (1811-1866). *Memoir of W. H. Harvey, M.D., F.R.S., etc., etc. Late Professor of Botany, Trinity College, Dublin. With Selections from his Journal and Correspondence.* London: Bell and Dalby, 1869. ¶ 8vo. xvi, 372 pp. Engraved frontis. port. of Harvey with facsimile autograph and tissue guard; foxed. Green cloth, gilt-stamped spine title; extremities a bit soiled and worn, spine ends chipped, endleaves stained. Very good. Scarce. \$ 175

First edition. This work was compiled anonymously by Harvey's cousin Lydia Fischer. William Henry Harvey (1811–1866), Irish botanist, He was one of the most distinguished students of marine algae of all time. He also holds an important place in the history of Australian botany. He spent some years searching Australian waters for seaweeds and published his five volume magnum opus *Phycologia Australica* in 1858-63. Among his other writings are: *A Manual of the British Algae* (1841), *Phycologia Britannica* (4 vols., 1846–51), *Nereis Boreali-Americana* (3 parts: 1852–85). "Harvey's discovery in 1831 of the moss *Hookeria laetevirens* at Killarney, new to Ireland, led to a lifelong friendship with Sir William Jackson Hooker, who was then Regius Professor of Botany at Glasgow University. Hooker recognized at once the extraordinary talent of the shy young man of twenty, and lent him books. Soon afterwards Hooker invited him to contribute the section on algae to his *British Flora* (1833) as well as the section on algae for *The Botany of Captain Beechy's Voyage*." [Wikipedia]. He was a friendly correspondent with Charles Darwin but wrote an anti *Origin* review in the *Edinburgh Review*. Harvey was curator of the Trinity College Herbarium (TCD) and Professor of Botany of the Royal Dublin Society.

THE GRADUAL ABANDONMENT
OF THE ARISTOTELIAN UNIVERSE :
A PRELIMINARY NOTE ON SOME SIDELIGHTS*

C. Doris Hellman

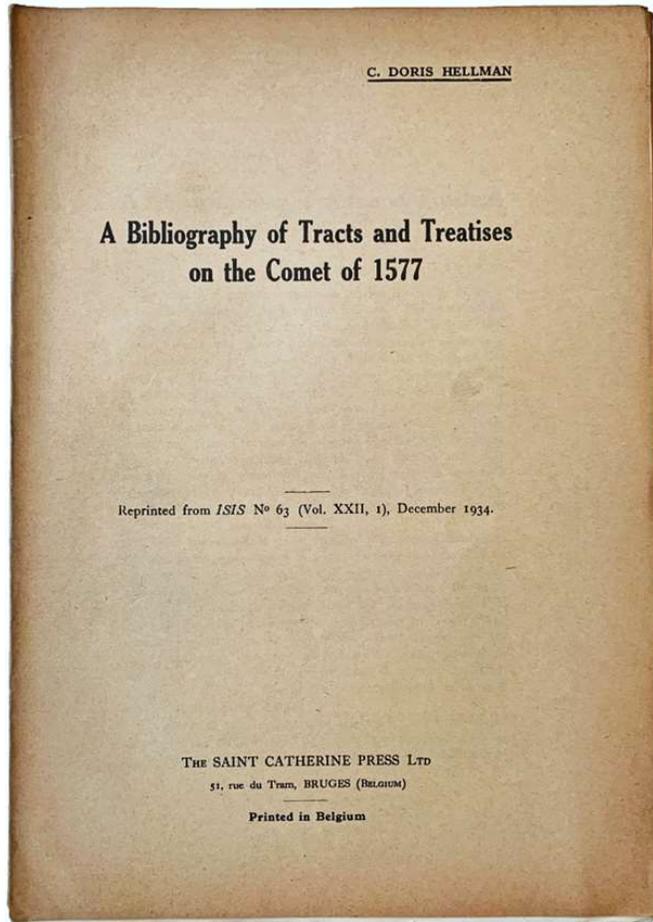
The honor of providing the basis for the transition from the Aristotelian to the Copernican universe can be divided between the accurate determination of planet positions and the dramatic appearance of comets and novae. These two last named and frequently confused phenomena were the objects of the most significant bits of astronomical observation in the period immediately preceding the invention of the telescope.

The supernova visible from November 1572 to April 1574 had important consequences in the development of astronomy. The observations of it made a chink in the armor of Aristotelianism by stirring up widespread disagreement with the notion of the immutability of the heavens. Although the credit for showing that the nova of 1572 made this notion untenable has been generally given to Tycho Brahe, recent research in the contemporary literature shows that Tycho was far from alone in promptly asserting that the 1572 phenomenon was in the sphere of fixed stars and that observations of it made necessary a re-examination of Aristotle's theories. Without Tycho's collected observations, which went far beyond the material on the star,

* The research for this essay was done during tenure of a National Science Foundation Senior Postdoctoral Fellowship, 1959-1960.

1327 **HELLMAN, C. Doris** (1910-1973). "The Gradual Abandonment of the Aristotelian Universe: A Preliminary Note on Some Sidelights." [No place] Offprint from: *Melanges Alexandre Koyre*. . . 2. *L'Aventure de la Science*, [ca. 1960/61]. ¶ 8vo. [11] pp. Printed wrappers. Very good. \$ 8

Clarisse Doris Hellman Pepper was an American historian of science, "one of the first professional historians of science in the United States" [The Encyclopedia of Jewish Women]. Her father was the noted bibliophile Alfred Myer Hellman, whose obstetrical books was once commemorated by a catalogue. Doris, who studied under George Sarton, specialized in 16th and 17th century astronomy, wrote a book on the Great Comet of 1577, and was the translator of another book, a biography of Johannes Kepler. She became a professor at the Pratt Institute and later at the Queens College, City University of New York, and was recognized by membership in several selective academic societies.



A Bibliography of Tracts and Treatises
on the Comet of 1577

The history of cometary theory in general should be of great interest to students of the history of science. The observations of the comet of 1577 and the tracts and treatises dealing with it form a step in the transition from ancient to modern astronomy.

The comet of 1577 was the first of those which occasioned the writing of innumerable tracts and treatises. The large number of these is surprising. There are 111 separate items listed in the accompanying bibliography, and I should not be at all surprised to learn of another 20 of which I am at present ignorant. These works were printed in what are now the Czechoslovak Republic, England, France, Germany, Holland, Italy, Sweden and other countries, that is, almost all over Europe, and the languages represented are not only Latin, but also English, Flemish, French, German, Italian and so forth, making the works available to others as well as to the learned classes.

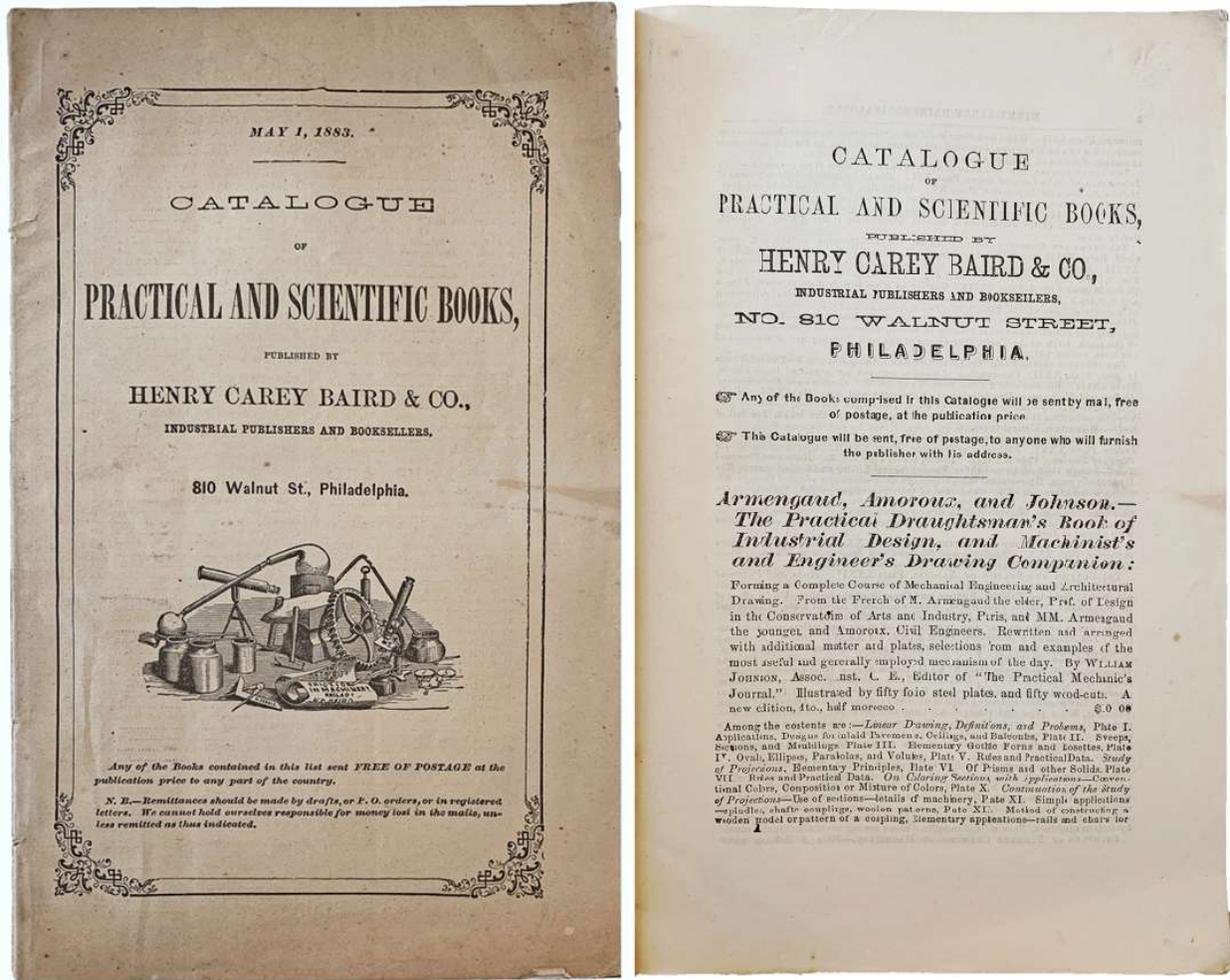
It is of importance to us to consider what caused this widespread interest in the comet of 1577. Printing had been known for more than a century and was an easy way in which to communicate one's observations once they had been made. But more than that, the brilliance of the comet and the long duration of its visibility to the naked eye (from November to January) had attracted the attention not only of the trained astronomers but also of the clergy who regarded it as an ill omen, the amateur star gazers, and the wealthy leisure class, all of whom set their thoughts in writing. The poorer peasants listened to sermons on the startling phenomenon.

The comet of 1577 is of astronomical and historical importance because of the valuable observations made of it. TYCHO BRAHE proved that it had no parallax and consequently could not be

1328 **HELLMAN, Clarisse Doris** (1910-1973). "A Bibliography of Tracts and Treatises on the Comet of 1577." Reprinted from: *ISIS*, No. 63 (Vol. XXII, 1), December 1934. Bruges: Saint Catherine Press, 1934. ¶ 8vo. (41)-68 pp. Plates. Printed wrappers. Very good. \$ 27

An excellent highly specialized bibliography. Clarisse Doris Hellman Pepper was an American historian of science, "one of the first professional historians of science in the United States" [*The Encyclopedia of Jewish Women*].

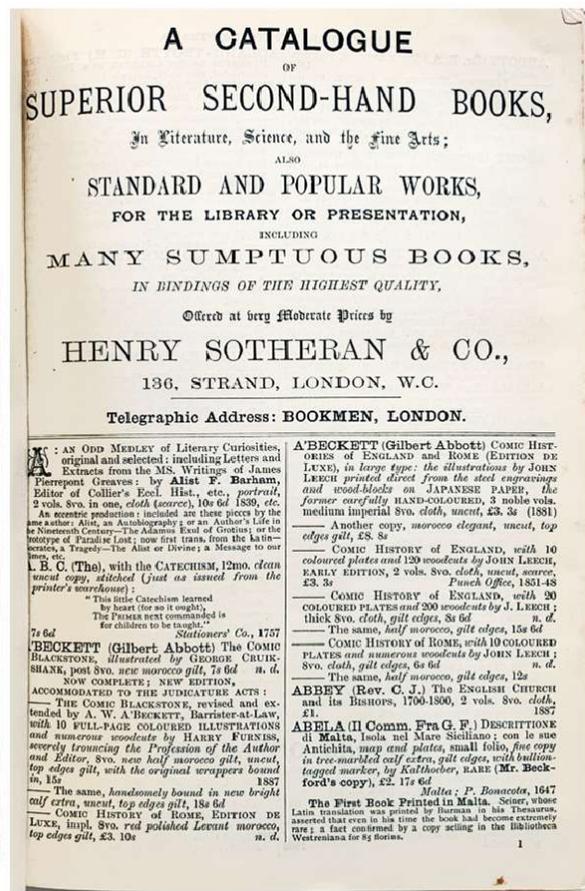
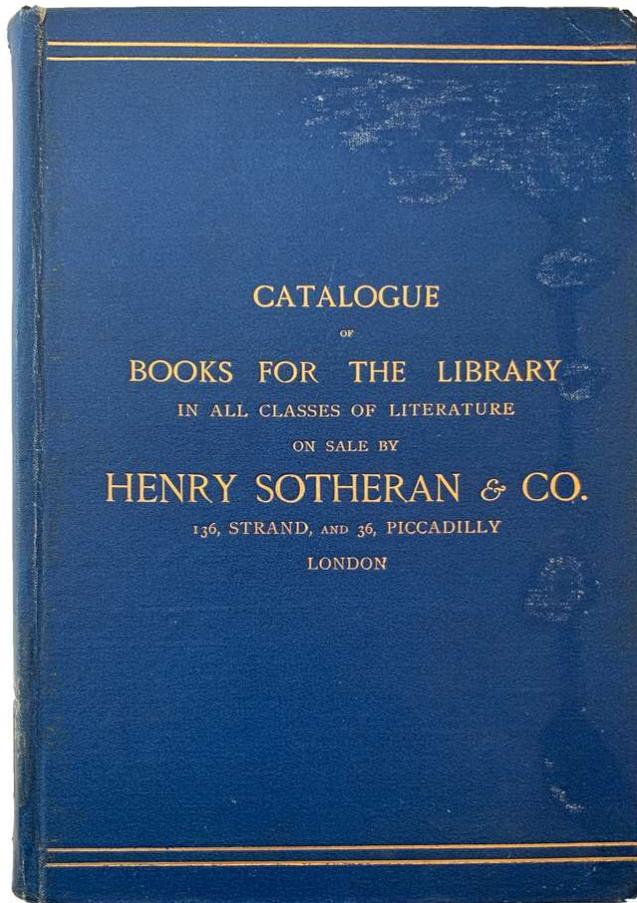
Her father was the noted bibliophile Alfred Myer Hellman, whose rare obstetrical books was once commemorated by a catalogue. Doris, who studied under George Sarton, specialized in 16th and 17th century astronomy, wrote a book on the Great Comet of 1577, and was the translator of another book, a biography of Johannes Kepler. She became a professor at the Pratt Institute and later at the Queens College, City University of New York, and was recognized by membership in several selective academic societies.



1331 Henry Carey Baird & Co. [Bookseller Catalogue]. Catalogue of Practical and Scientific Books, Published by Henry Carey Baird & Co., Industrial Publishers and Booksellers, 810 Walnut St., Philadelphia. Philadelphia: Henry Carey Baird, 1883. ¶ 8vo. 96 pp. Index. Printed wrappers. Very good. Rare. \$ 30

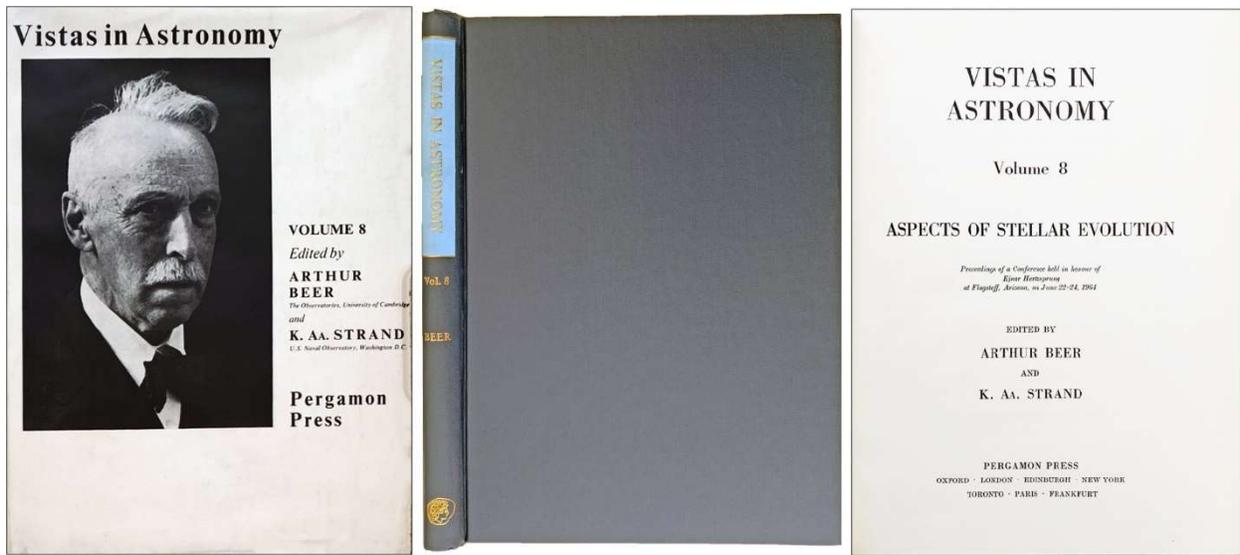
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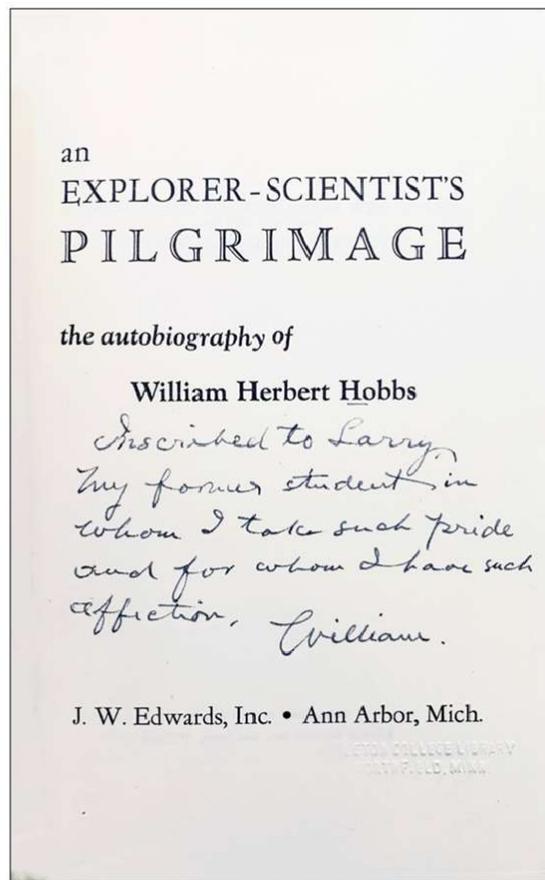
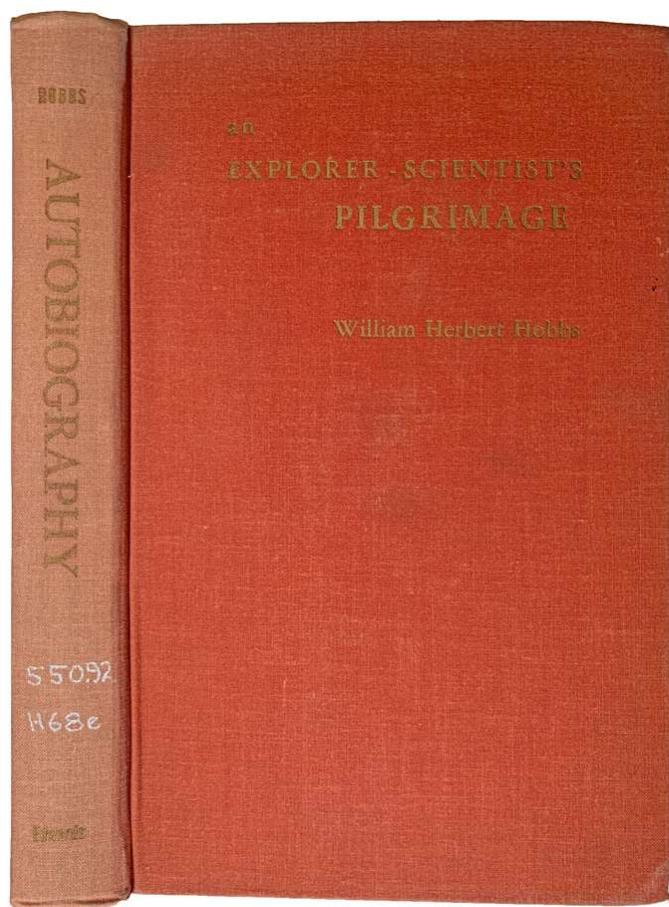
1335 Henry Sotheran & Co. [Bookseller Catalogue]. *A Catalogue of Superior Second-Hand Books in Literature, Science, and the Fine Arts. . .* London: Henry Sotheran, 1888. ¶
 8vo. 336, ads. 44 pp. A few illustrations. Blue cloth, gilt-stamped cover and spine titles; extremities rubbed with water-stains, inner hinges cracked with some tape repair. Former library copy with the usual markings (rear pocket removed). Fair. This issue is scarce. \$ 30

lightly rubbed, else fine. 1923-1924. Nos. 783, 786, 789, 791. Catalogue of Science and Technology, No. III. Annotated and Classified List of Rare and Standard Works on Exact and Applied Science. Parts II-V in one. [Part II: Mathematics; Part III: Including IV. Astronomy and Astrology, Chronology, and Geodesy, and V. Horology and Dialling; Part IV: Physics (Letters A-R); Part V: Physics (Letters S-Z)]. London: Henry Sotheran, 1923-24. ¶ 8vo. 488 pp. Rebound in dark blue cloth with gilt-stamped cover and spine titles, original wrappers preserved. Fine. 1927. No. 804. Annotated and Classified Catalogue of Rare and Standard Works on Astronomy. . . With an Appendix of the Works of Sir Isaac Newton, and His Commentators, as well as a Selection of Works from His Library. London: Henry Sotheran, 1927. ¶ 8vo. 240 pp. Rebound in dark blue cloth with gilt-stamped cover and spine titles, original wrappers preserved. Near fine. 1931. No. 828. Annotated and Classified Catalogue of Ancient and Modern Books on Exact and Applied Science. Part II, including IV. Astronomy; V. Dialling and Horology; VI. Physics. London: Henry Sotheran, 1931. ¶ 8vo. 153-292 pp. Original printed wrappers; spine ends chipped. Previous owner's inked signature on front cover. Good. 1935. No. 843. Annotated Catalogue of Works on Mathematics, Astronomy, and Physics. London: Henry Sotheran, 1935. ¶ 8vo. 160 pp. Original printed wrappers; spine worn and chipped. Good. 1956. No. 915. Annotated Catalogue of Works on Mathematics, Astronomy, and Physics. London: Henry Sotheran, 1956. ¶ 8vo. 128 pp. Original printed wrappers. Very good.



1348 [HERTZSPRUNG, Ejnar (1873-1967)] BEER, Arthur (1900-1980) & Kaj Aage STRAND (1907-2000) (eds.). *Vistas in Astronomy. Volume 8: Aspects of Stellar Evolution. Proceedings of a Conference held in honour of Ejnar Hertzsprung at Flagstaff, Arizona, on June 22-24, 1964*. Oxford, et al.: Pergamon Press, (1966). ¶ FIRST EDITION. 8vo. xii, 232 pp. Dedication port. of Hertzsprung, frontis. group picture of conference participants, figs., tables, index. Dark blue cloth, gilt-stamped light blue spine label, dust-jacket. Like new. Scarce. \$ 20

Separate articles on various aspects of work made possible by, and logically extending from, the original work of Hertzsprung. Although Hertzsprung's name appears at least 28 times, and direct reference to the Hertzsprung-Russell diagram is made at least 6 times, this is not biographical or bibliographical but simply presents a picture of the consequences of his work with occasional comments on his original work.

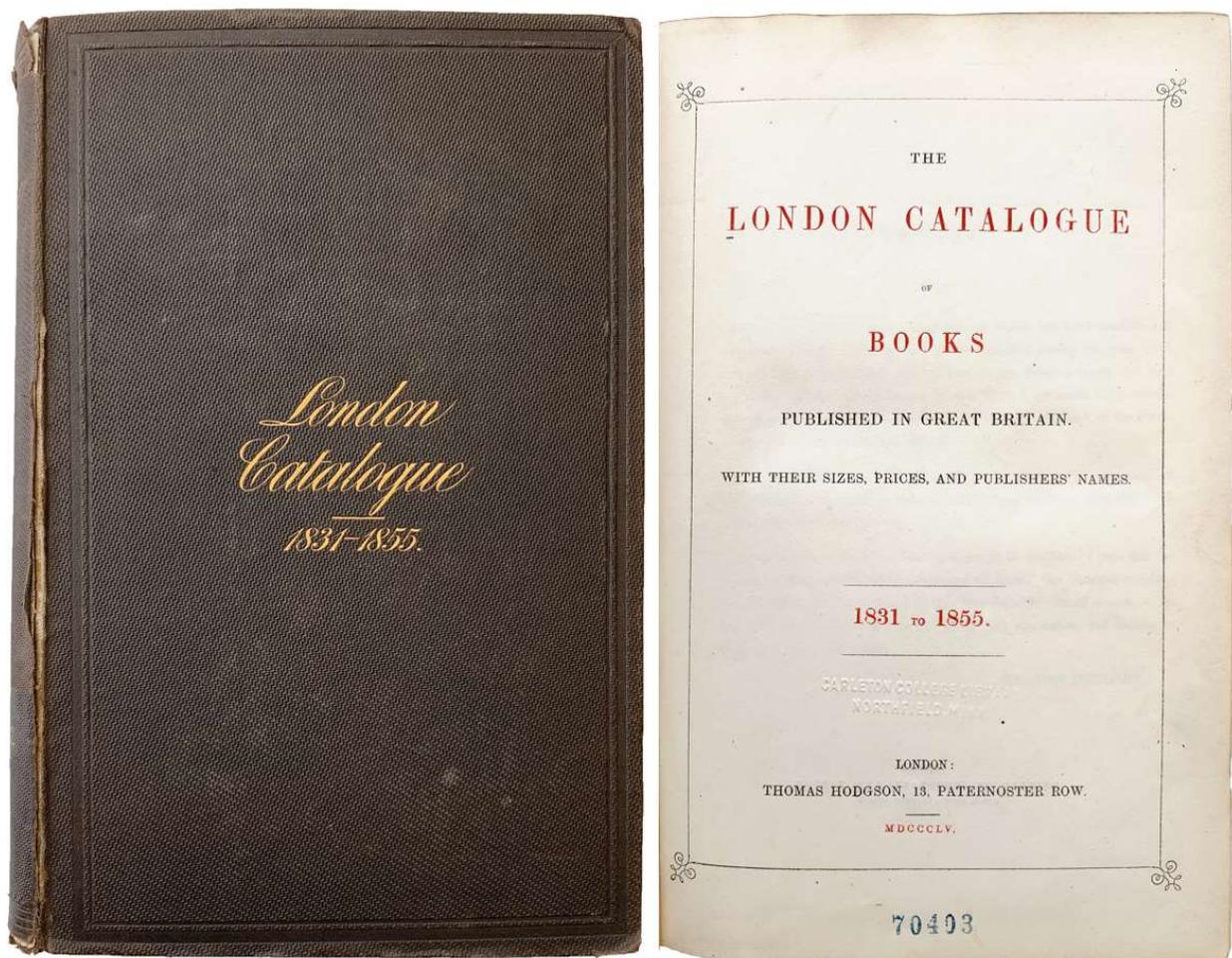


Climbed Mont Blanc in Record Time – Inscribed Copy

1351 **HOBBS, William Herbert** (1864-1952). *An Explorer-Scientist's Pilgrimage: The Autobiography of William Herbert Hobbs*. Ann Arbor: J. W. Edwards, (1952). ¶ 8vo. 222 pp. Frontis. port. of Hobbs, plates, index; biblio. has been underlined and check-marked (in red and black pencil). Reddish-brown cloth, gilt-stamped cover and spine titles; spine faded (in red and black pencil). Former library copy. AUTHOR'S PRESENTATION INSCRIPTION. Very good. \$ 50

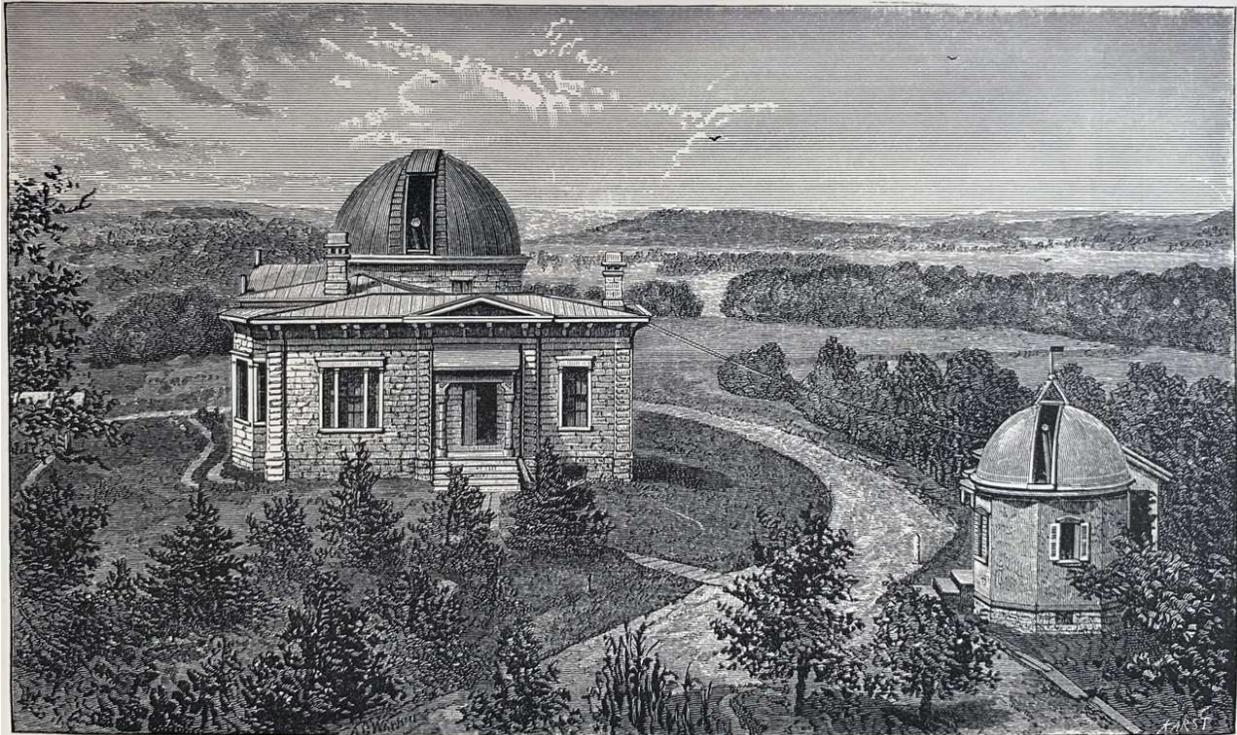
Author's presentation inscription: "Inscribed to Larry [Laurence McKinley Gould (1896-1995)], My former student in whom I take such pride and for whom I have such affection, William." Gould was an American geologist, educator, and polar explorer, as well as the former President of Carleton College.

"William Herbert Hobbs (1864-), geologist and leader of four expeditions to Greenland ... e entered Johns Hopkins University as candidate for a Doctor of Philosophy degree. He was awarded his Ph.D. degree in geology in 1888 with a dissertation on an area of eruptive rocks near Ilchester, Md. Meanwhile, he had become associated with the U.S. Geological Survey (in 1885) for field work in the Berkshire Hills. In 1888-89, he studied at Heidelberg, and then joined the University of Wisconsin as instructor (later professor) in mineralogy and metallurgy, and curator of the geological museum. In 1894, he became associate editor of the *Journal of Geology*. Dr. Hobbs resigned from the Wisconsin in faculty because of a desire to teach geology and was appointed professor of geology at the University of Michigan in 1906. There he remained for 26 years. ... On one of several European trips, he had unparalleled opportunities to study the Calabrian earthquake in Spain (1905), and the eruption of Vesuvius (1906), both of which were the greatest in a century. He made a record ascent of Mont Blanc (lowering the previous record by an hour and a half). He studied glaciers in the Canadian Rockies (1909), and made an excursion to Swedish Lapland and to Finse, Norway, to study glaciers (1910). In 1911, he published *Characteristics of Existing Glaciers.*" – *Encyclopedia Arctica 15: Biographies*, by William S. Carlson.



1352 **HODGSON, Thomas** [Bookseller Catalogue]. *The London Catalogue of Books Published in Great Britain. With Their Sizes, Prices, and Publishers' Names. 1831 to 1855.*

London: Thomas Hodgson, 1855. ¶ 4to. vi, 583 pp. Two color title (printed in red and black). Brown cloth, gilt-stamped cover and spine titles; extremities rubbed, outer hinge cloth torn, spine ends frayed. Former library copy with the usual markings and defects. Good. RARE. \$ 35

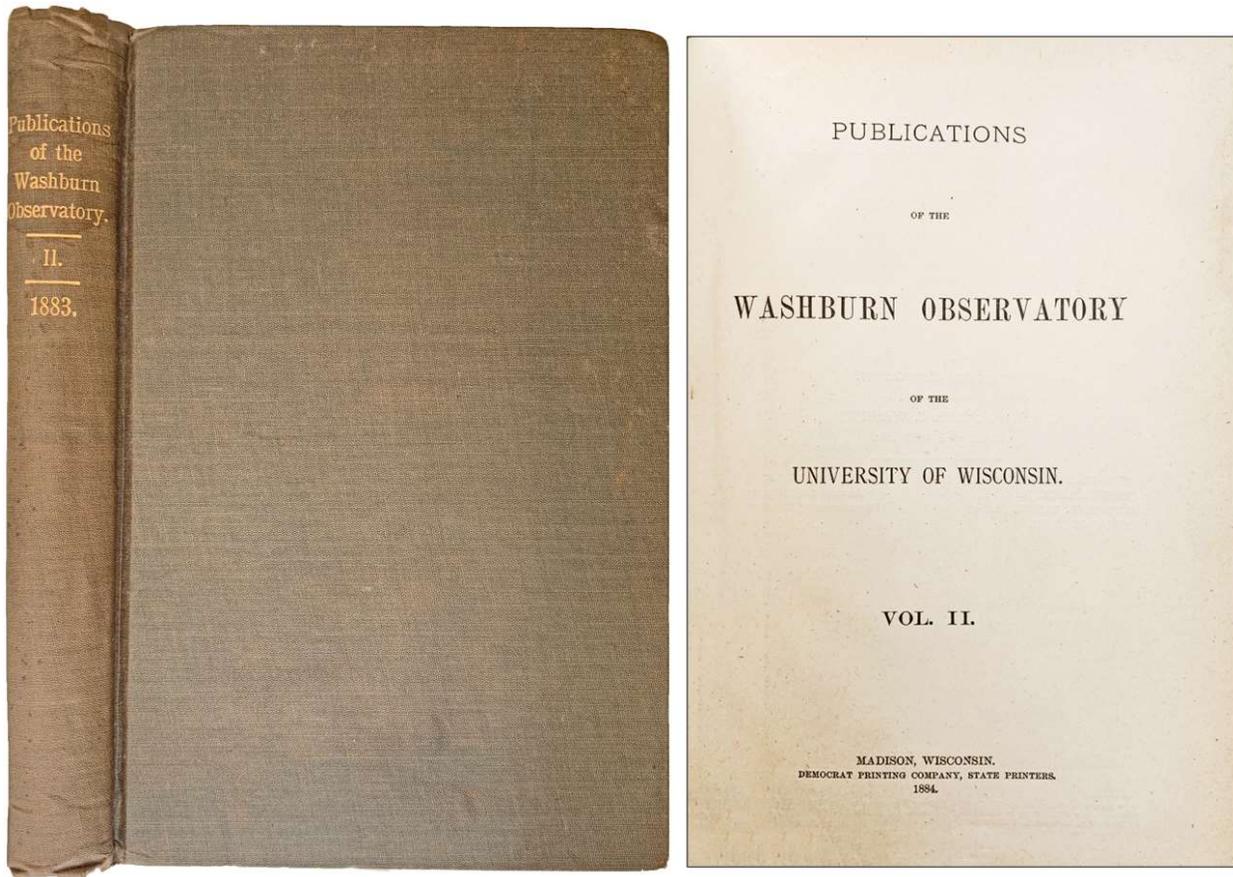


Washburn Observatory looking west, circa 1880.

1356 **HOLDEN, Edward Singleton** (1846-1914). *Publications of the Washburn Observatory of the University of Wisconsin. Volume II*. Madison: Democrat Printing, 1884. ¶
8vo. v, 347, appendix 53 pp. Woodcut frontis. of Washburn Observatory, plates, tables; some pages marginally water-stained (very faint). Brown cloth, gilt-stamped spine title; lightly faded, corners a little bumped. Very good. \$ 25

The appendix is a catalog of the holdings within the Observatory's library. "Constructed in 1877, the Washburn Observatory (now often referred to by long-time Madisonians as the 'Old Observatory') was one of the most important astronomical observatories west of the Appalachians at the time it was built.

When first used, the 15.6-inch refracting telescope here was the third largest in the nation, and remained in serious scientific use for the next 80 years. The observatory is still open to the public on the first and third Wednesday of each month, and every Wednesday June through August, weather permitting, following the terms set forth by Cadwallader Colden Washburn in 1877 when he endowed the structure.

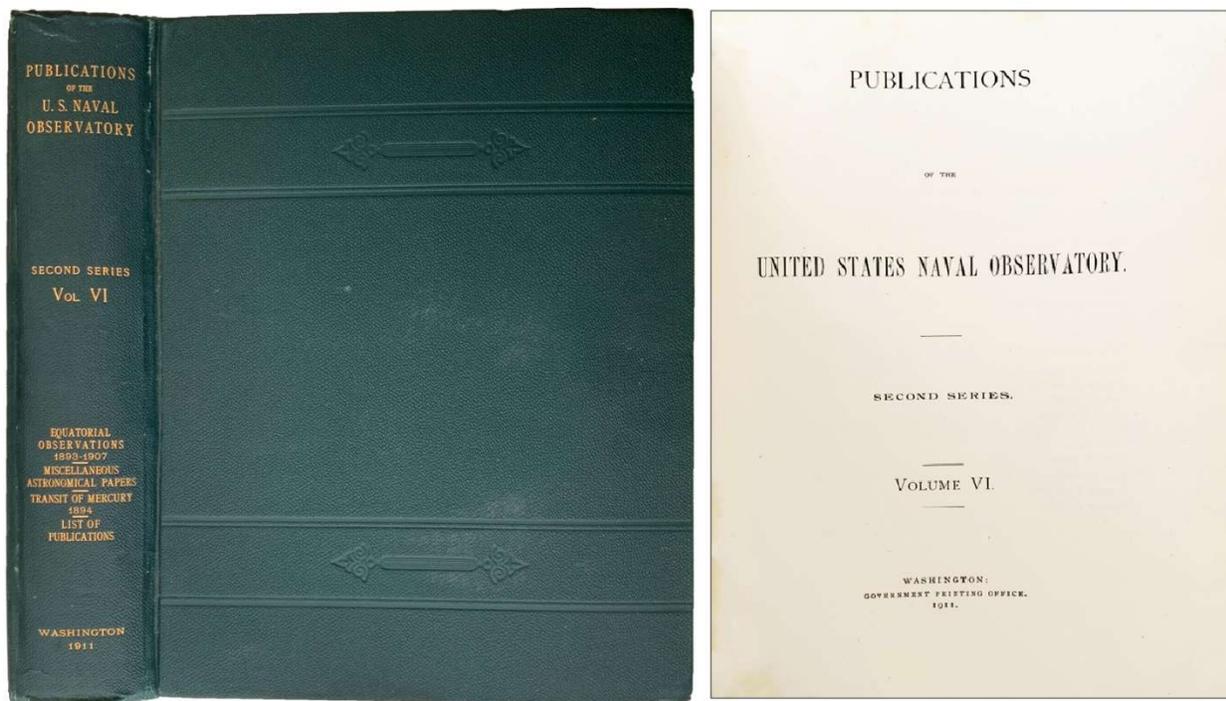


The Observatory is not within the boundaries of the Lakeshore Nature Preserve, but it is symbolically tied to the Preserve because the view from this hill is one of the defining features not just of the Preserve, but of UW-Madison and of the city of Madison itself. Just to the west are an important cluster of Indian effigy mounds, along with the famous Chamberlin Boulder, named for an early geologist and president of the University."



THE EYE-END OF THE 26-INCH EQUATORIAL—SHOWING THE MICROMETER, TWO FINDERS, TWO MICROSCOPES FOR READING THE DECLINATION CIRCLE, CLAMP AND SLOW-MOTION HANDLES, AND FOCUSING RACK.

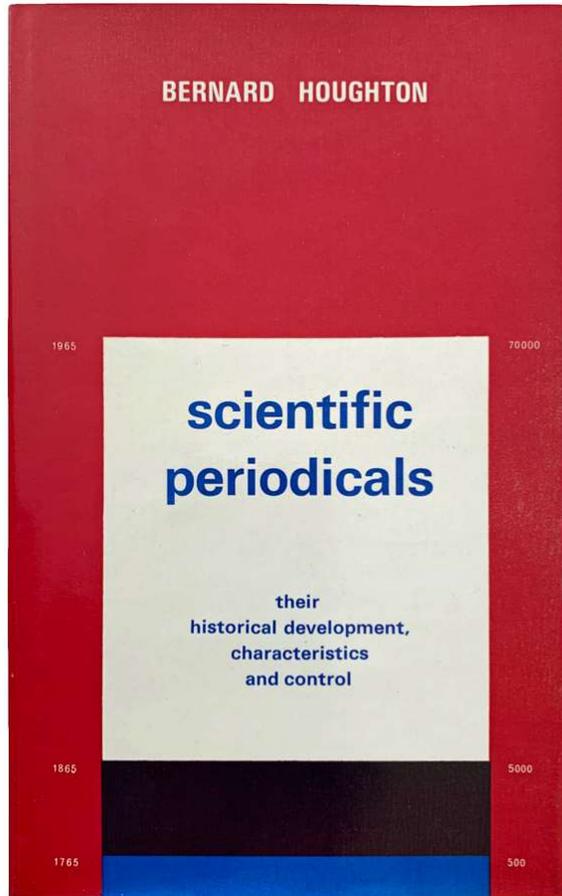
1358 HORIGAN



1358 **HORIGAN, William Denis** (comp.). "List of Publications Issued by the United States Naval Observatory, 1845-1908." In: *Publications of the United States Naval Observatory. Second Series. Volume VI. Appendix III.* Washington: Government Printing Office, 1911. ¶ Large 4to. xi, A-lxvii, A388, B152, C43, D36 pp. 10 plates (including frontis.), charts. Original full dark green cloth, gilt-stamped spine title. Fine copy. \$ 50

A detailed and extensive bibliography of USNO publications. Also pictures the 26-inch and 12-inch equatorial telescopes at the Naval Observatory. Sections include satellites of Mars, Jupiter, Saturn, etc., the measures of diameters of all the planets and major satellites, observations on double-stars, comets, and the moon.

1359 **HOUGHTON, Bernard** (1935-1985). *Scientific Periodicals: Their Historical Development, Characteristics and Control.* ¶ (Hamden): Linnet Books and Clive Bingley, (1975). ¶ 8vo. 135 pp. Frontis., 22 numbered figs., index. Brown paper boards, silver stamped spine title, dust-jacket. Near fine. \$ 20



scientific periodicals

their historical development,
characteristics and control

by

BERNARD HOUGHTON MA FLA

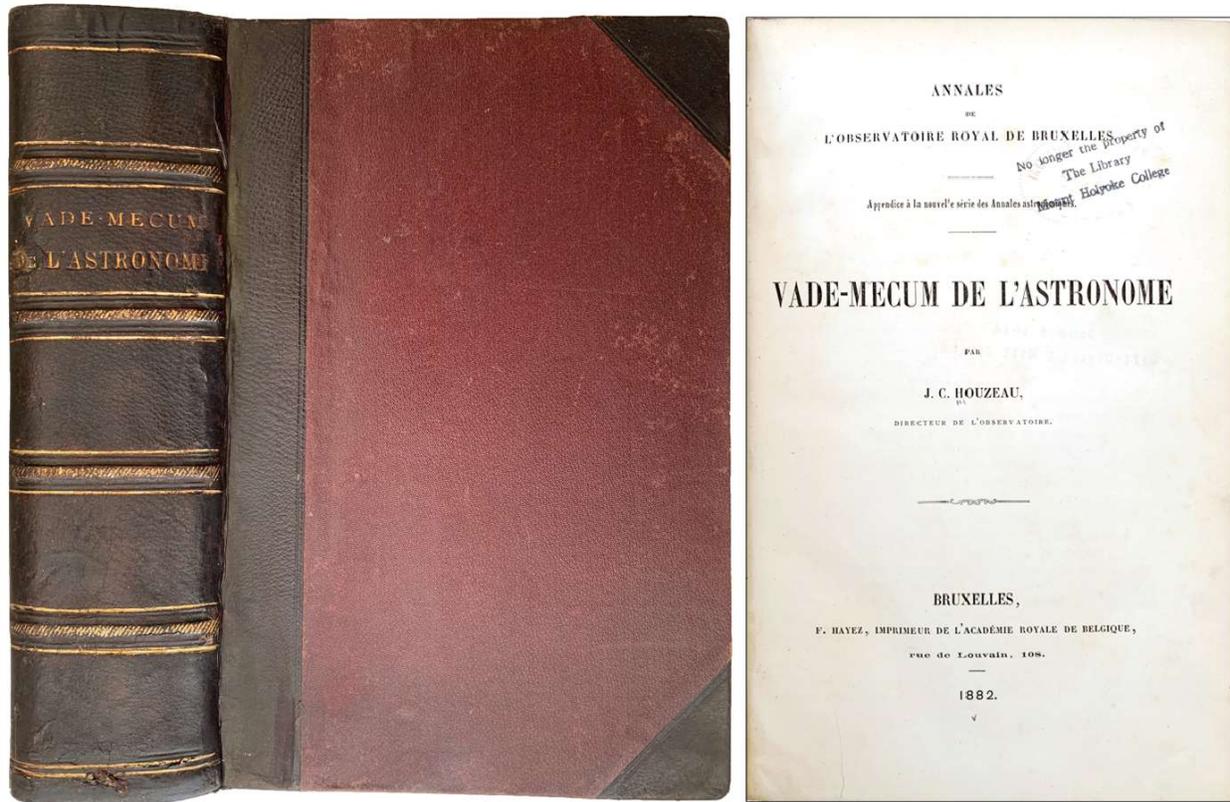
Senior Lecturer in Information Work
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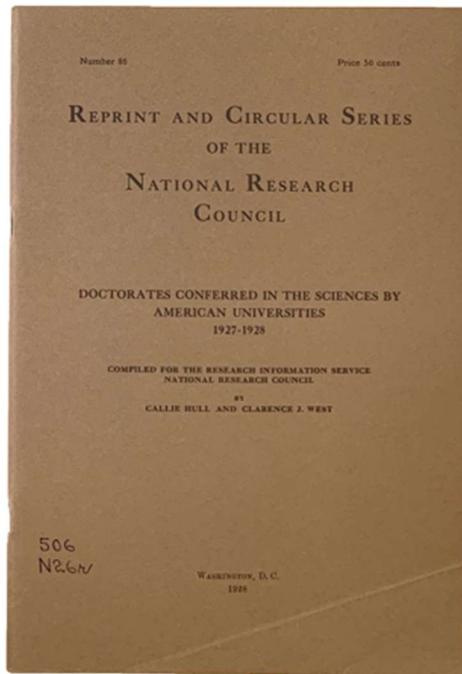
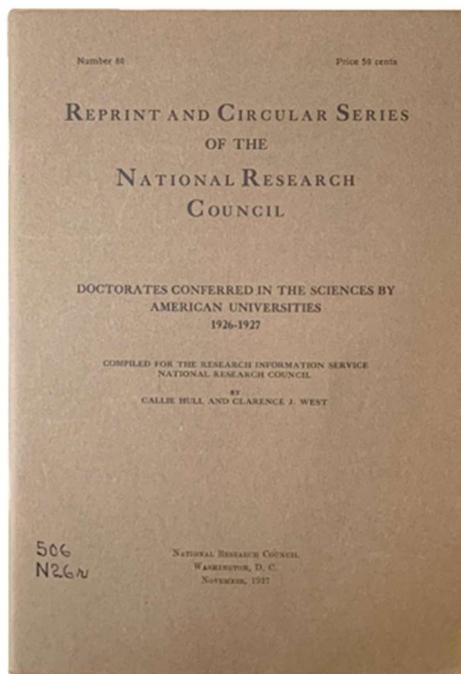
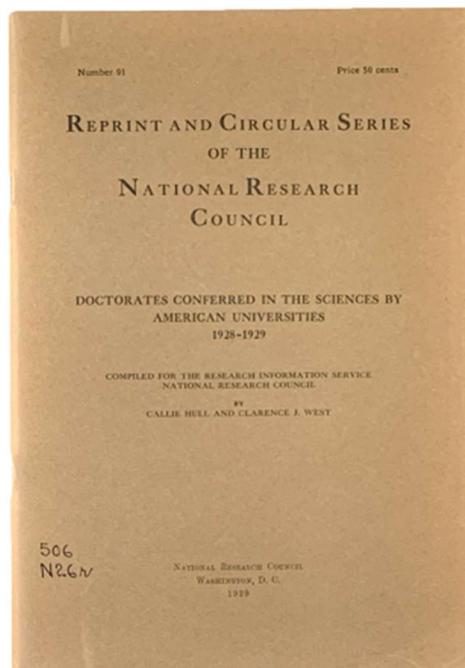
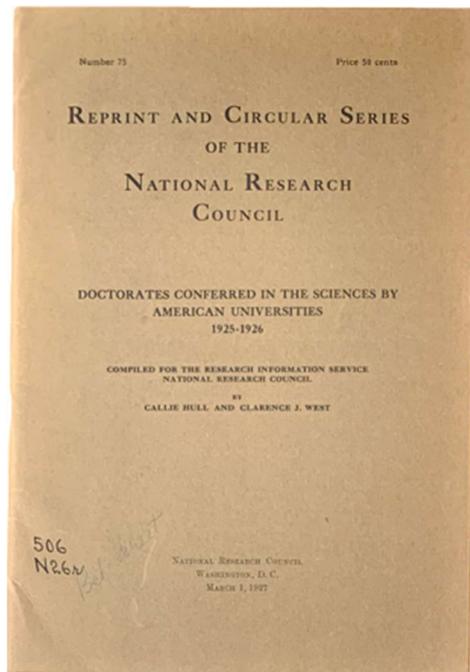
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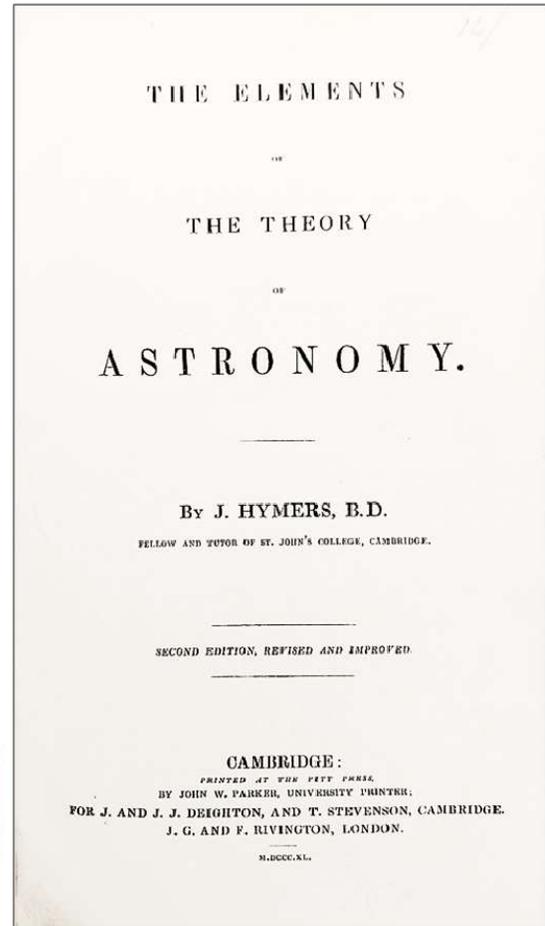
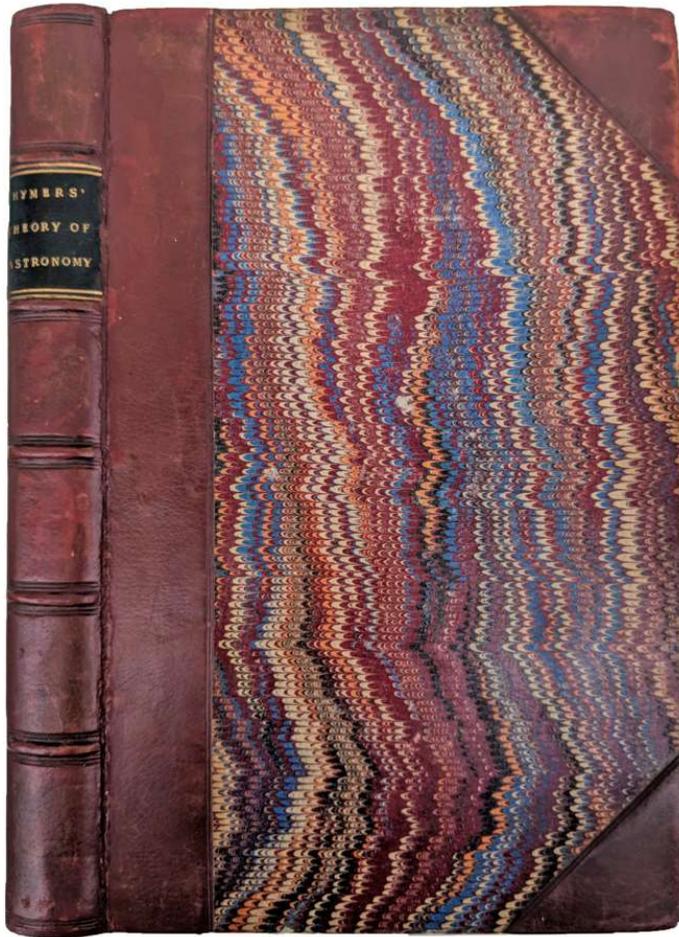
1360 **HOUZEAU, Jean Charles** (1820-1888). *Vade-Mecum de L'Astronome. Annales de L'Observatoire Royal de Bruxelles. Appendice a la nouvelle serie des Annales astronomiques.*

Bruxelles: F. Hayez, Imprimeur de L'academie Royale de Belgique, 1882. ¶ Large 8vo. xxviii, 1144 pp. Pages 718 & 719 mistakenly numbered "618" & "619". Original half brown leather with burgundy cloth sides, gilt-stamped spine title with raised bands; neatly repaired. Former observatory library copy, Mount Holyoak College. Fine. \$ 350

FIRST EDITION. This is the best guide up to 1882 for what was considered important among European professional astronomers. If it is not in here, chances are it didn't matter. Early in his career Houzeau assisted at the Observatory in Brussels, and later spent time in North America (1857-1868) and Jamaica (1868-1876). He returned to Brussels and became director at the Royal Observatory of Belgium (1876-1883). Houzeau made a significant contribution to astronomy, including his monumental *Bibliographie generale de l'astronomie*.



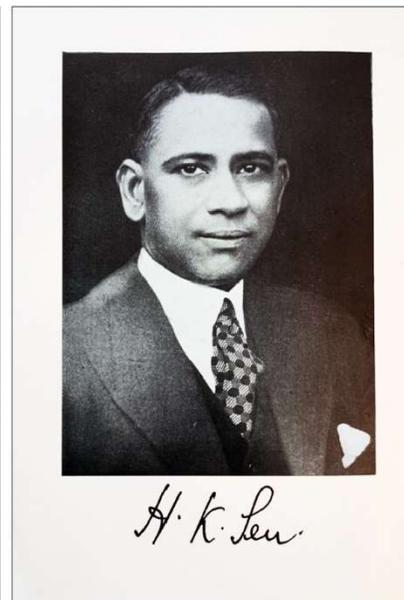
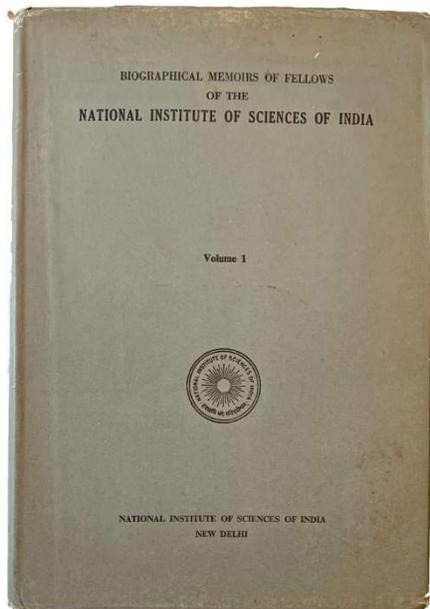
1364 HULL, Callie & Clarence J. WEST (comps.). *Doctorates Conferred in the Sciences by American Universities, 1925-1929*. [Four Issues]. Washington, D.C.: National Research Council, 1927-1929. ¶ Four issues. Series: Reprint and Circular Series of the National Research Council, Nos. 75, 80, 86, 91. 8vo. 34, ads. [7]; 36, ads. [8]; 38; 46 pp. Printed wrappers. Former library copy with the usual markings. Very good. \$ 25



RW1497 **HYMERS, John** (1803-1887). *The Elements of the Theory of Astronomy*. Cambridge & London: J. and J. J. Deighton, and T. Stevenson, 1840. ¶ 8vo. vii, [1], 354 pp. 4 engraved folding plates. Quarter brown blind-stamped calf, marbled boards, gilt-stamped spine label, raised bands. Ownership signature of J. R. Campbell; Kings College London ["withdrawn"] book label & rubberstamp. Very good.

\$ 150

Second edition, revised and improved. Hymers was an English mathematician and cleric. Chapters include: "Determination of the Meridian Plane. Errors of Instruments Fixed in that Plane", "On the Sun's Motion in the Ecliptic", "On Time", "On Precession and Nutation", "On the Aberration of Light", "On Terrestrial Longitude".



1367 [**Indian Science**] *Biographical Memoirs of Fellows of the National Institute of Sciences of India*. 1966. *Volume 1*. New Delhi: National Institute of Sciences of India, 1966. ¶ 8vo. 186 pp. Plates. Gray cloth, gilt-stamped spine title, dust-jacket; cloth speckled and stained, jacket rubbed with some light edge wear. Very good. \$ 28

Academic biographical accounts with subject bibliographies of 17 of the leading scientists of India from the late 19th century to about 1960. Includes: Karm Narayan Bahl, Jagadish Chandra Bose, B. B. Dey, J. C. Ghosh, Prafulla Chandra Mitter (pictured), P.C. Ray, P. K. Ghosh, Hemendra Kumar Sen (pictured), Suhrid Kumar Roy, E. L. G. Clegg, S. K. Mitra, Nikhilranhan Sen, B. C. Guha, T. N. Ghosh, R. C. Ray, D. N. Majumdar, and Austin Manindra Nath Gosh.



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of books and papers published in 1963 on the history of astronomy.

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This fourth issue prepared also with the aid of Mrs. N. Lavrova (Sternberg Astr. Inst., Moscow) contains not only literature published in 1963, but some publications of the last years occasionally omitted in previous issues of the Bibliography. For the first time in this issue the material is divided into some parts. This innovation must be critically examined by all readers for the improvement of future bibliographies. In Commission Information Circular N.7 a new system of collecting bibliographic data to aid the Editor of the Bibliographies will be proposed.

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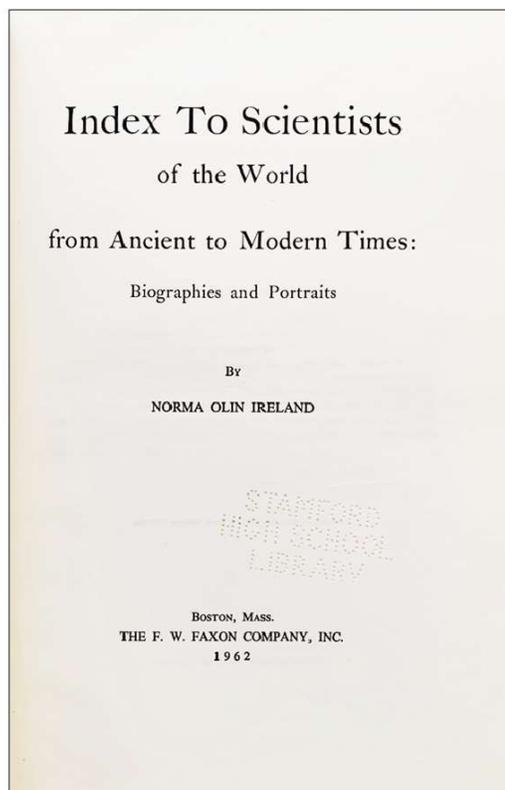
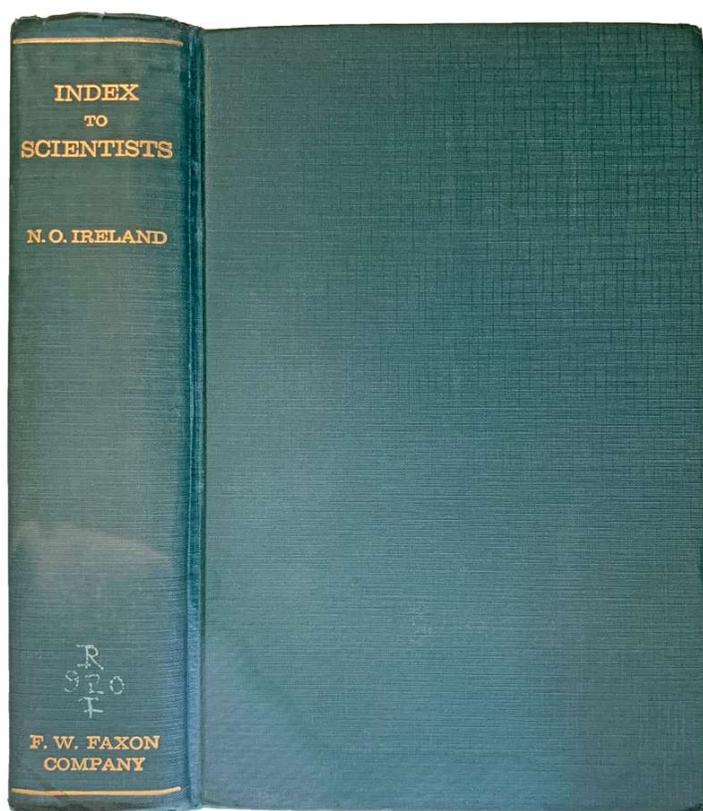
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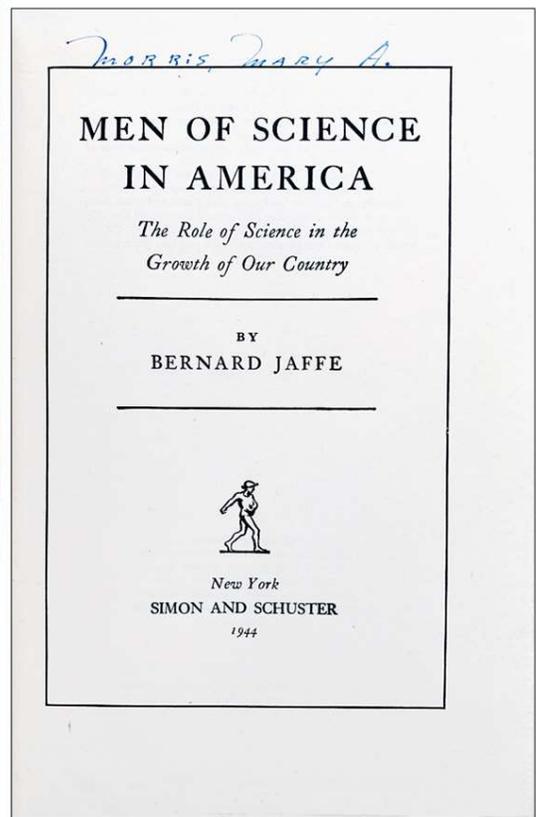
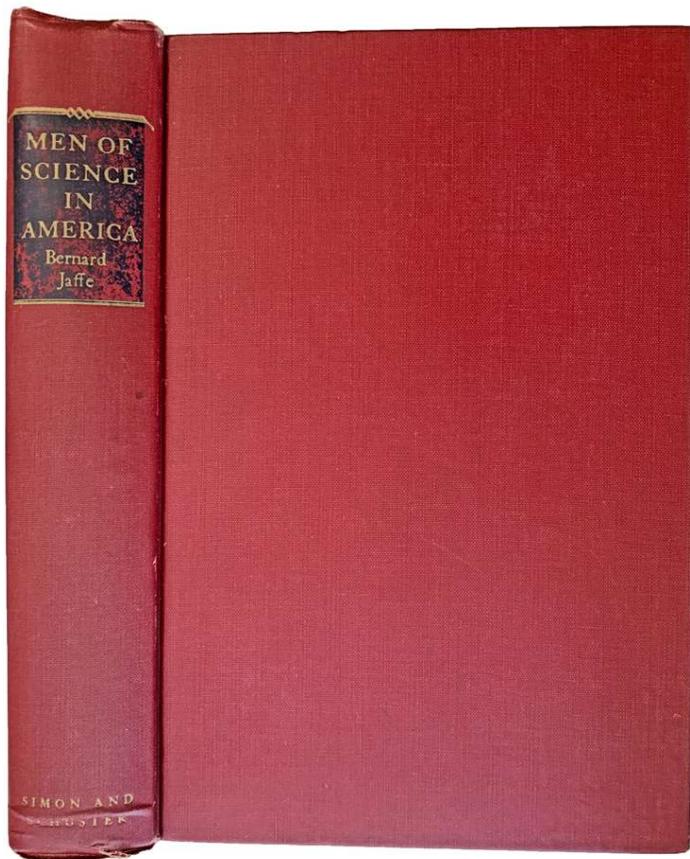
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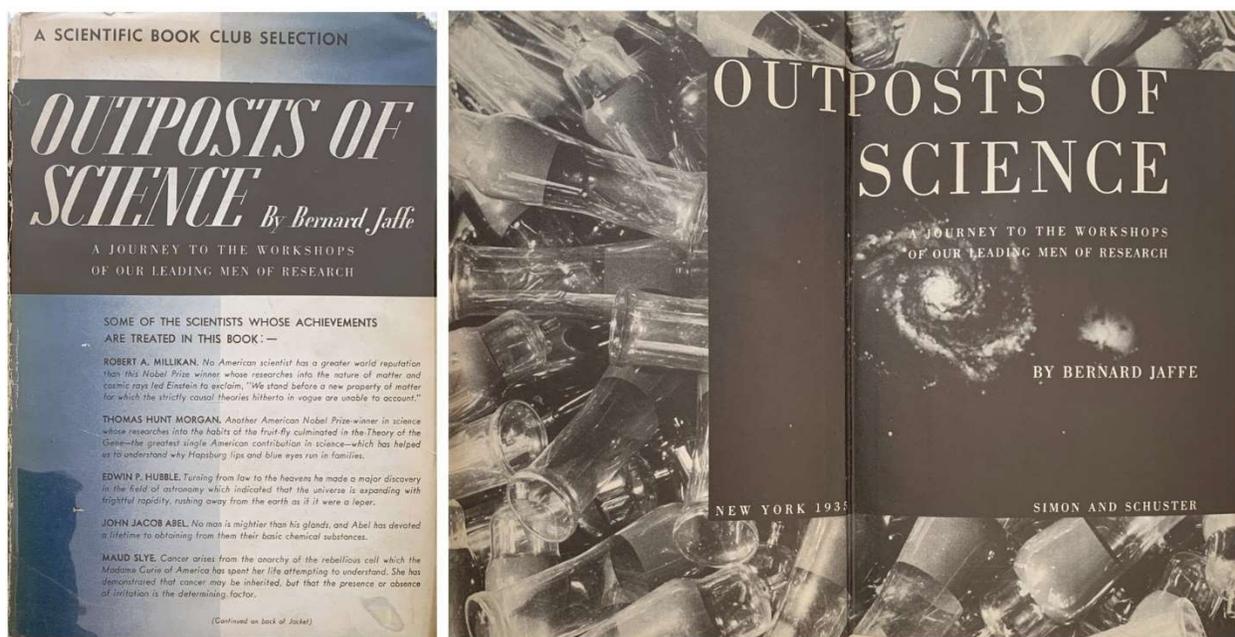


1371 IRELAND, Norma Olin. *Index to Scientists of the World from Ancient to Modern Times: Biographies and Portraits*. Boston: F.W. Faxon, 1962. ¶ Series: *Useful Reference Series*, No. 90. 8vo. xliii, 662 pp. Green cloth, gilt-stamped spine title; covers water-stained. Former library copy. Good. \$ 5

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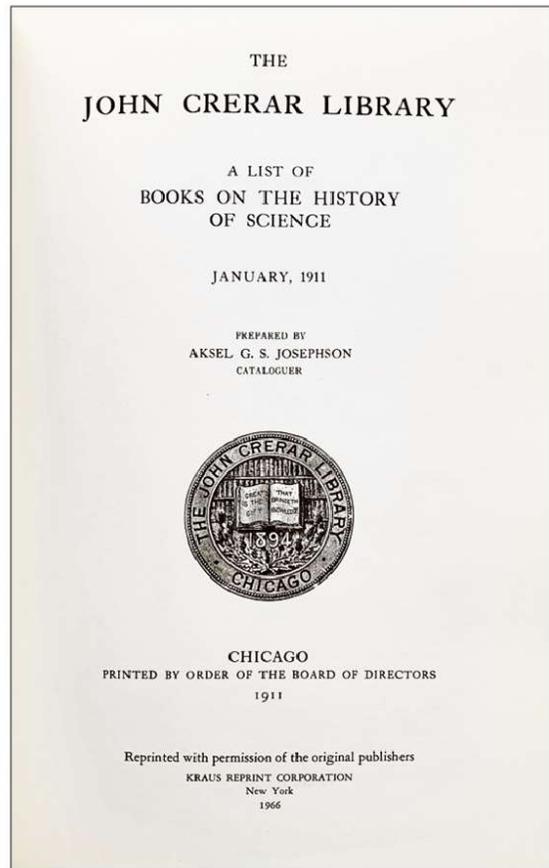
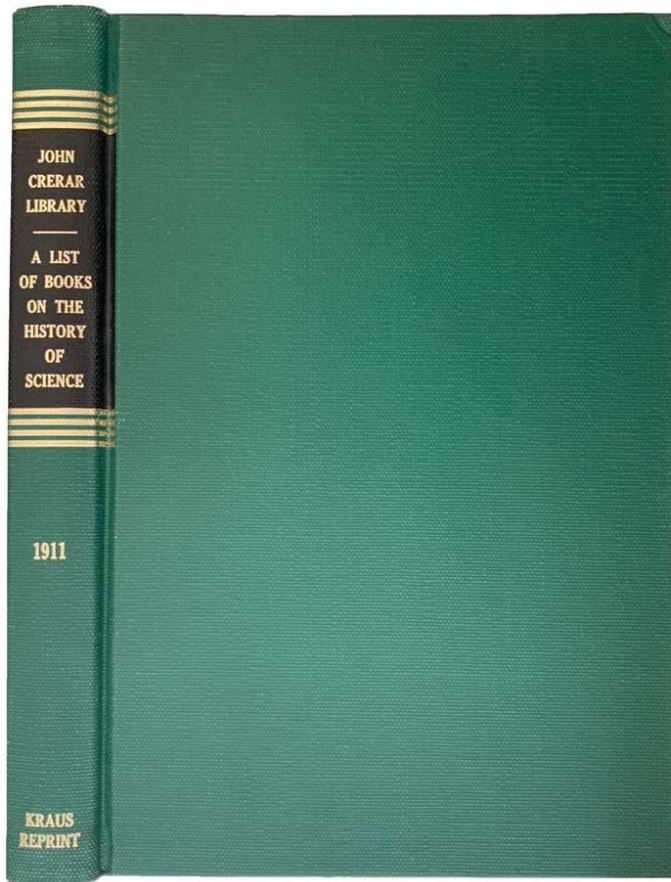
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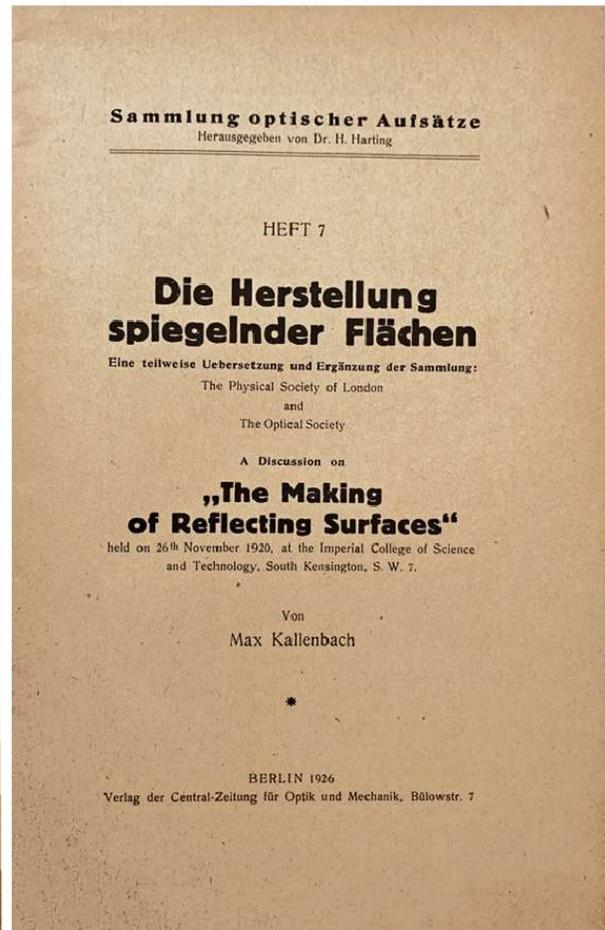
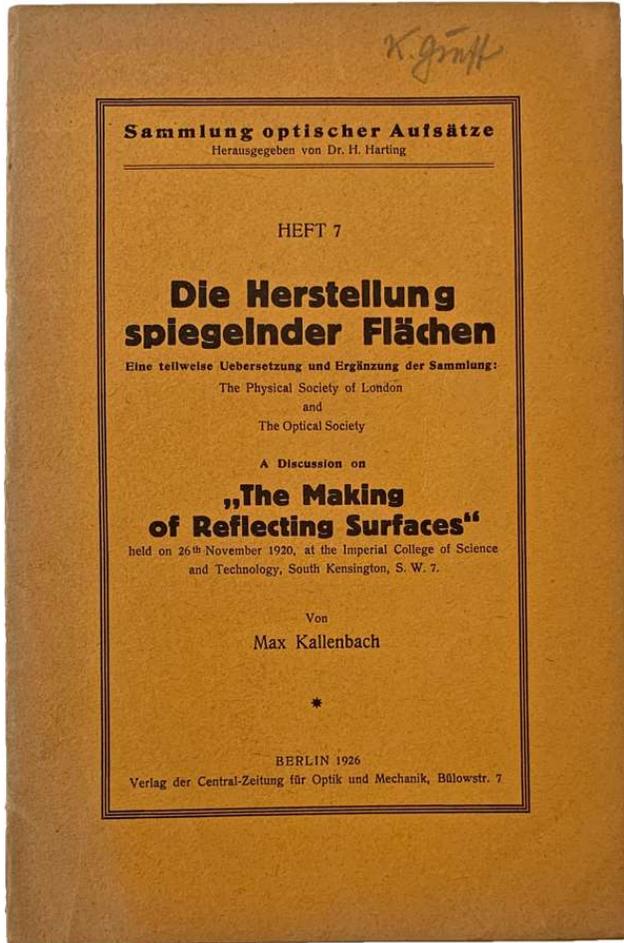


1379 **The John Crerar Library; JOSEPHSON, Askel Gustav Salomon** (1860-1944) (comp.). *A List of Bibliographies of Books on the History of Science, January, 1911*. New York: Kraus, 1966. ¶ Reprint of the original 1911 Chicago edition. 8vo. 297 pp. Index. Green buckram, gilt-stamped black spine label. Fine. Scarce. \$ 45

Pioneering list of sources for the history of science.

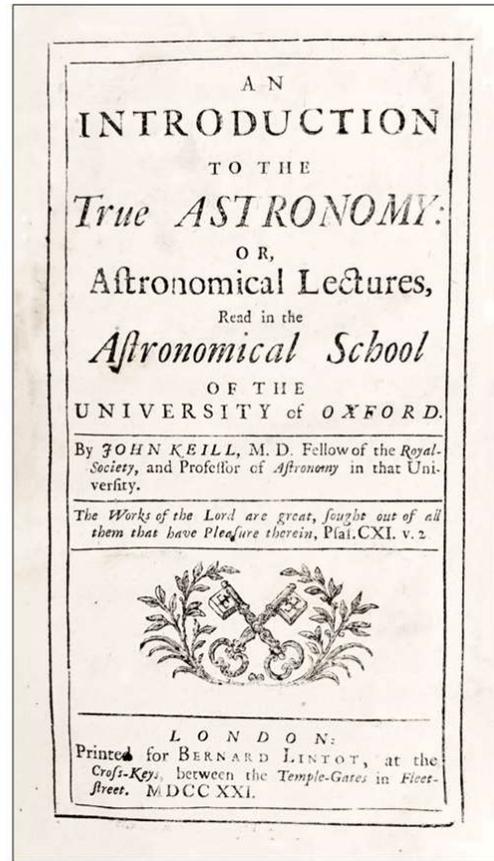
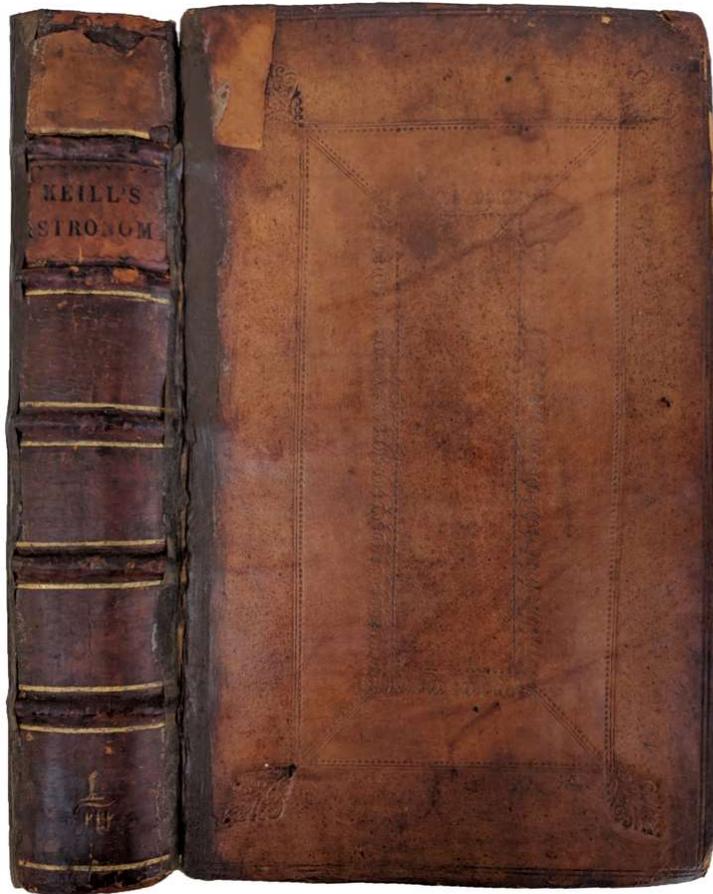
The John Crerar Library was and still is one of the most extensive American Libraries of science and technology. It began as a standalone collection of the University of Chicago but is now part of the University of Chicago library system.

Josephson "was director of cataloging at the John Crerar Library in Chicago from 1896 to 1923, and consulting catalog from 1928." [Wikip.].



1384 **KALLENBACH, Max.** *Die Herstellung spiegelnder Flächen. Eine Teilweise Uebersetzung und Ergänzung der Sammlung: The Physical Society of London and The Optical Society, A Discussion on "The Making of Reflecting Surfaces" . . .* Berlin: Central-Zeitung für Optik und Mechanik, 1926. ¶ Series: Sammlung optischer Aufsätze, Heft 7. 8vo. 61 pp. Previous owner's penciled signature on front cover. Printed wrappers; covers and pages browned. Very good. \$ 20

'The making of reflecting surfaces' Includes an excellent chronological bibliography of the literature on silvering mirrors.



RW1138 **KEILL, John** (1671-1721). *An Introduction to the True Astronomy: or, Astronomical Lecture, Read in the Astronomical School of the University of Oxford*. London: Bernard Lintot, 1721. ¶ 8vo. [viii], xv, [1], 396, [12] pp. Title vignette, 28 folding engraved plates [numbered 1-26, with pls. 17 & 18 misnumbered and 2 added unnumbered plates of the Moon inserted at pp. 108-109], index. Original blind-stamped calf, raised bands, small ownership initial stamp at foot of spine [possibly "TR"]; joints repaired with kozo. Ownership inscription of Thomas Roby, 1723; Greek inked inscription, with date 1734, stamped initials "PG". Very good.

\$ 1200

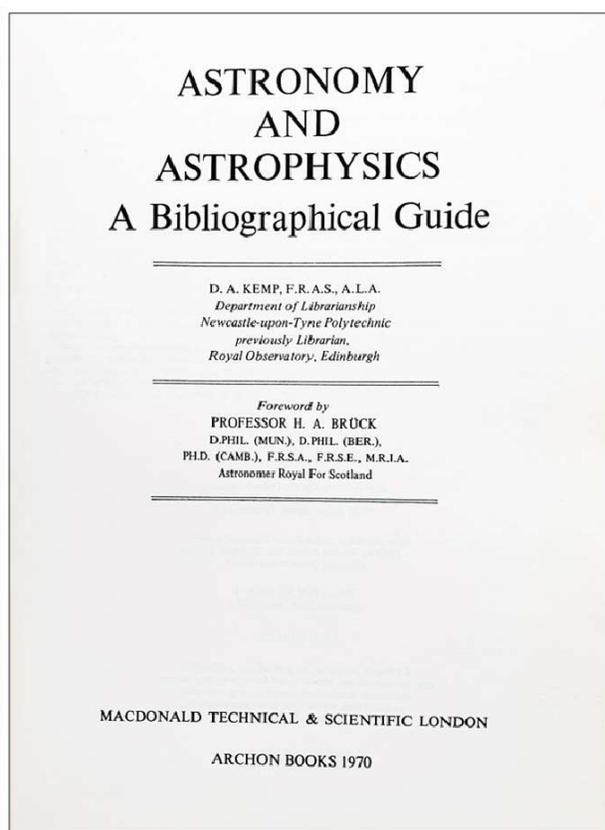
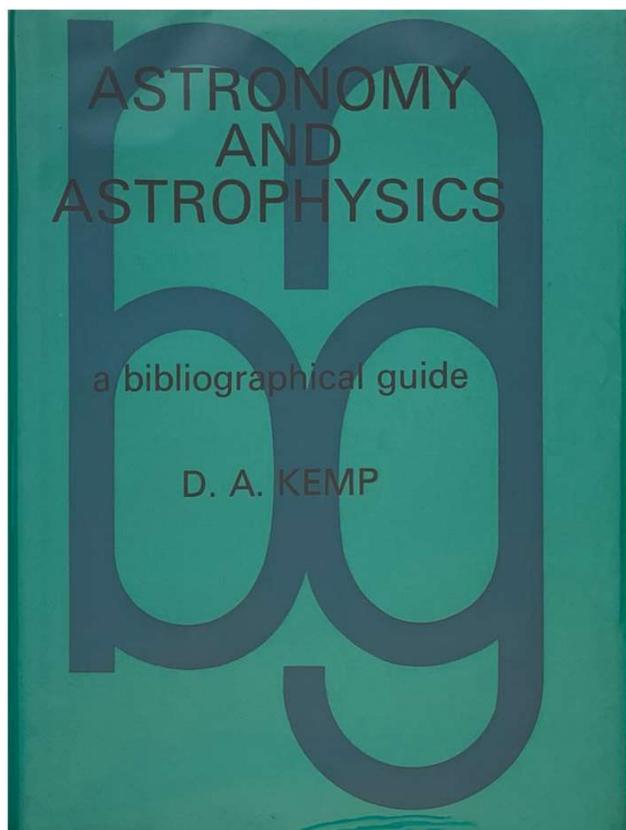
First edition in English, translated from the Latin, *Introductio ad veram astronomiam*, Oxford, 1718; a second edition was issued in 1730, reaching a fifth edition in 1760. . . . consisting of his Savilian lectures, gives a sketch of the history of astronomy, and he

reprinted it in English with many emendations, at the request of the Duchess of Chandos, in 1721." – *DNB X*, p. 1199.

"Keill was one of the very important disciples gathered around Newton who transmitted his principles of philosophy to the scientific and intellectual community, thereby influencing the directions and emphases of Newtonianism. As one of the few around Newton with High Church patronage, Keill apparently tried to counter the Low Church influences of such spokesmen as Richard Bentley and William Whiston. . . . Keill's work offered itself to Newton as an alternative Newtonian theology, different from that of the Low Church disciples. Newton's public acceptance of Keill's basic criticism against "world-making" was incorporated in 1706 in what was to be the famous Query of the Opticks." – *Dictionary of Scientific Biography*.

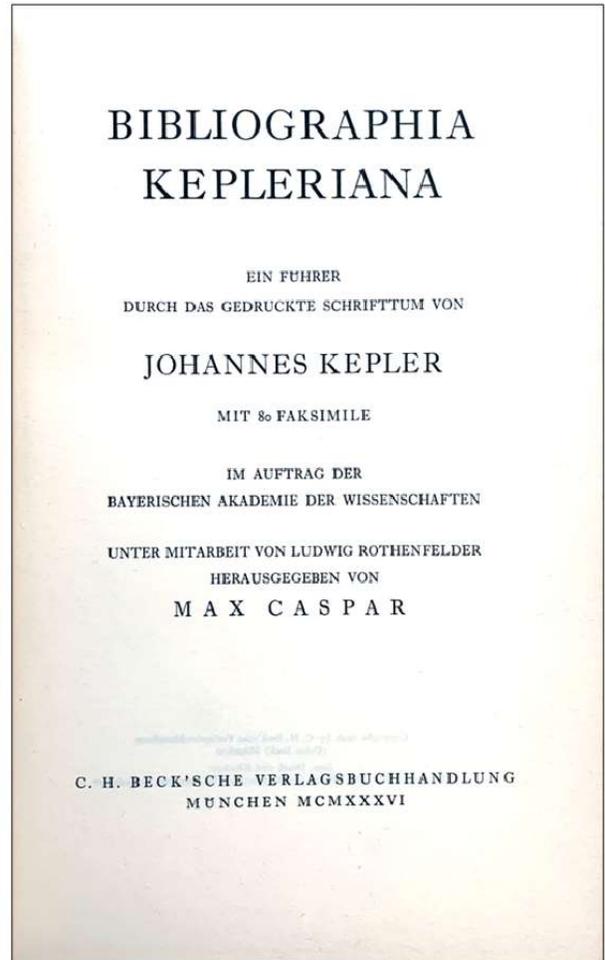
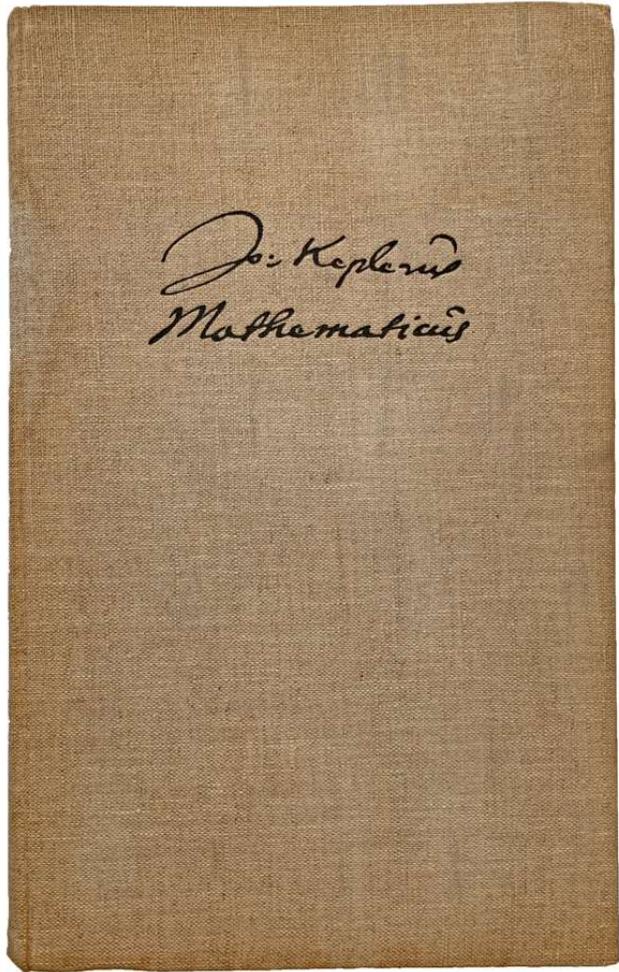
The subject of these lectures includes, "Of the Solar Spots. Of the Rotation of the Sun and Planets round their Axes: And of the fixed Stars", "Of the Motions of the three superior Planets, Mars, Jupiter and Saturn, and the Appearances arising from them", "Of the Projection of the Moon's Shadow on the Disk of the Earth", "Of Visible and Apparent Motion", "Of the Apparent Motion which arises from the Motion of the Spectator, or Observer", "Of the System of the World", "In which is proved that the System Explained in the former Lecture, is the true System of the World", "Of the Magnitude and Order of the fixed Stars. Of the Constellations, Catalogues of the Stars, and the Changes to which they are liable", "Of the Motion of the Earth round the Sun: And also about her own Axis, whereby the Apparent Motion of the Sun and Heavens are explained", "Concerning several other Phaenomena or Appearences [sic], which depend on the Motion of the Earth", "Of the Division of Time, and its Parts", "Of the Equation of Time", "Of the Theories of other Planets", etc.

☀ Barchas 1139 [1730 ed.]; ESTC T37367; Wallis, Newton 103.172; Wellcome III, p. 381.



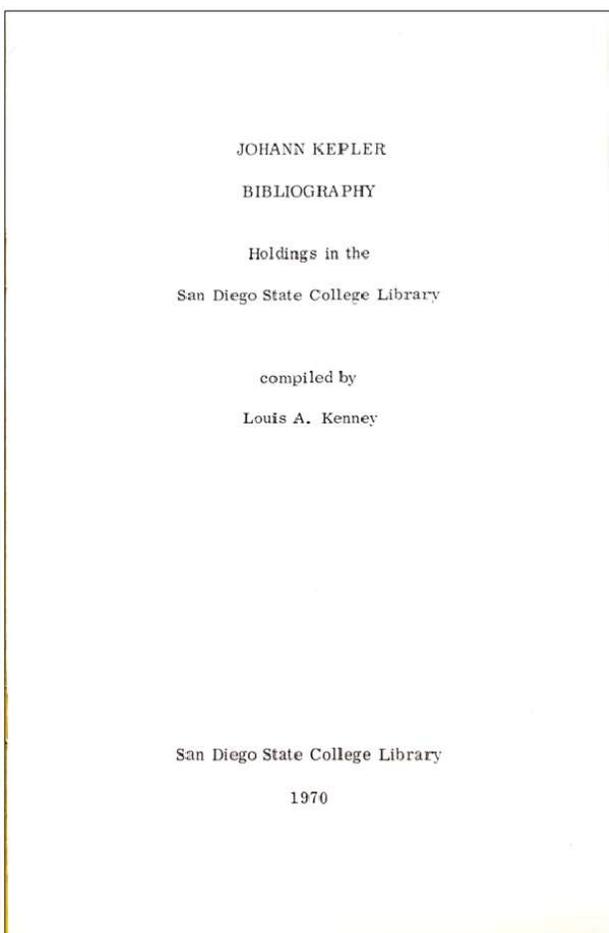
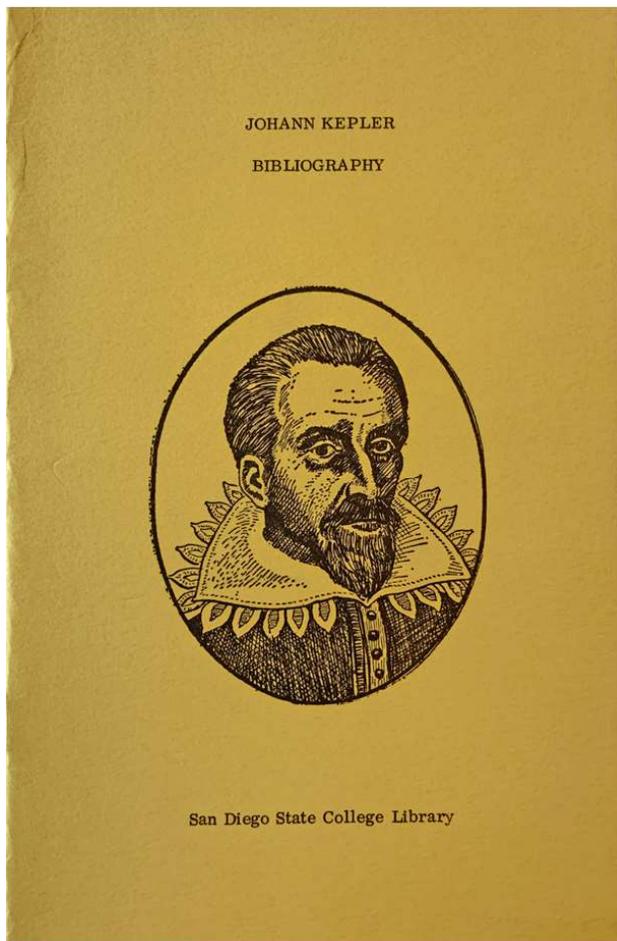
1391 **KEMP, D. Alasdair.** *Astronomy and Astrophysics: A Bibliographical Guide.* Foreword by Professor H. A. Brück. London: Macdonald and Archon Books, 1970. ¶ Series: The Macdonald Bibliographical Guides. 4to. xxiii, 584 pp. Indexes. Red cloth, gilt-stamped spine title, dust-jacket; cloth slightly spotted. Ownership stamps on ffep and bottom fore-edge of Mark R. Chartrand. Very good. \$ 25

Over 3600 citations in 75 categories with annotations. A very useful and well researched work. Provenance: Dr. Mark Chartrand, was Executive Director of NSI from 1980-84, and a consultant and freelance writer from Baltimore, Maryland.

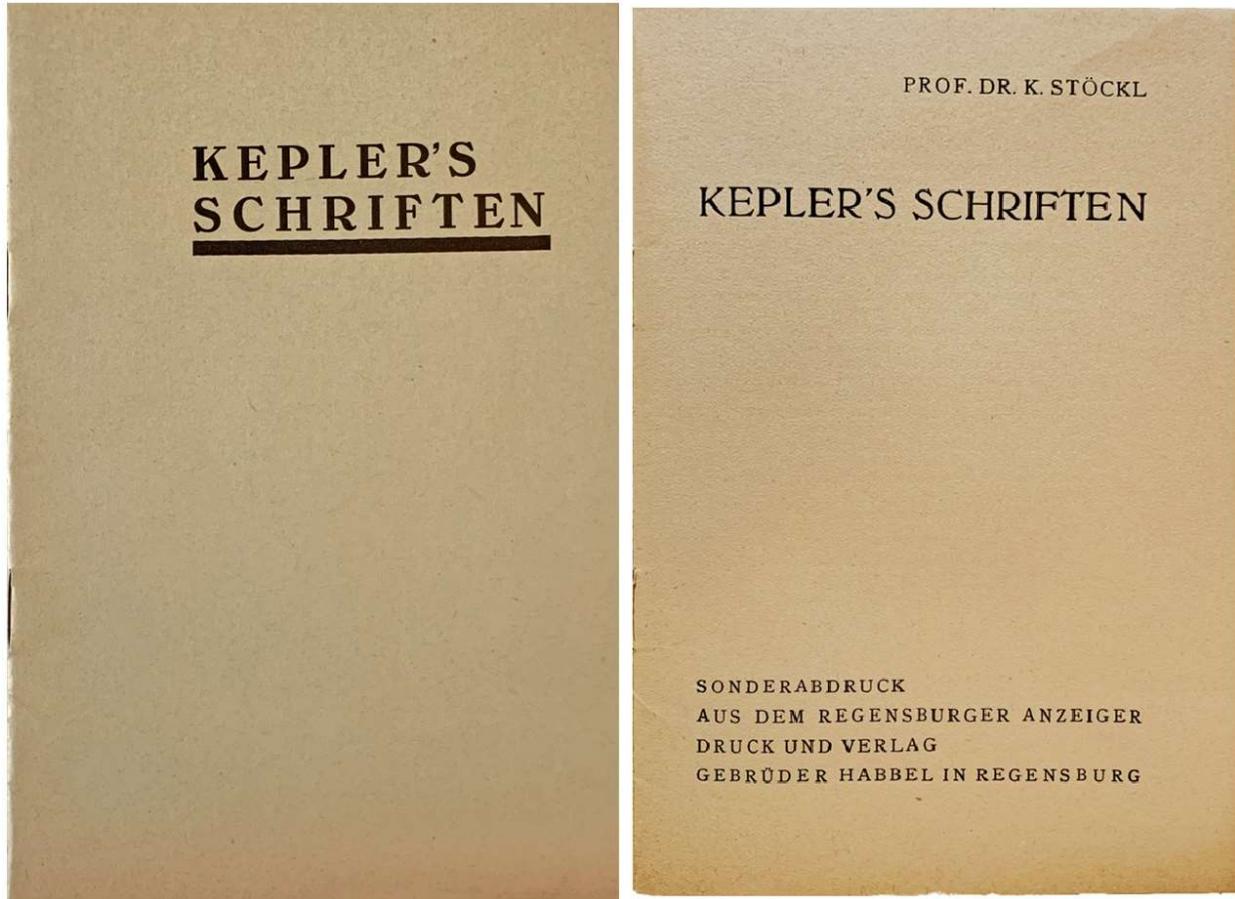


1393 [KEPLER, Johannes (1571-1630)] CASPAR, Max (1880-1956) (ed).
Bibliographia Kepleriana. Ein Fuhrer durch das Gedruckte Schrifttum von Johannes Kepler. Mit 80 Faksimile. Im Auftrag der Bayerischen Akademie der Wissenschaften. Unter Mitarbeit von Ludwig Rothenfelder. Munich: C.H. Beck'sche, 1936. ¶ 4to. 158 pp. Over 80 facsimile reproductions of title pages referenced to in the bibliography, indexes. Beige cloth, black stamped cover facsimile signature and spine title; covers faintly stained. Very good. \$ 80

Essential Kepler bibliography.

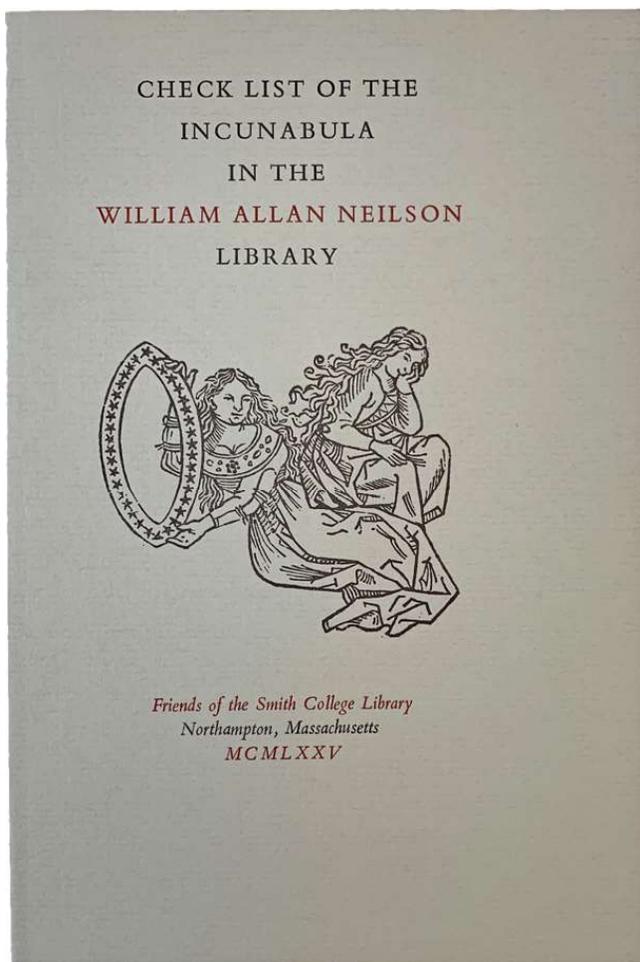


1395 [KEPLER, Johannes (1571-1630)] KENNEY, Louis A. (comp.). *Johann Kepler Bibliography. Holdings in the San Diego State College Library*. San Diego: San Diego State College Library, 1970. ¶ 8vo. 14 pp. 3 illustrations. Printed wrappers. Fine. \$ 5



1397 [KEPLER, Johannes (1571-1630)] STOCKL, Karl (1873-1959). *Kepler's Schriften. Sonderabdruck aus dem Regensburger Anzeiger*. Regensburg: Gebruder Habel, [1930?]. ¶ Small 8vo. 16 pp. Printed wrappers. Very good. Rare. \$ 35

Karl Stockl was a German physicist, astronomer and professor at the Philosophisch-theologischen Hochschule Regensburg. From 1919 to 1936 he worked at the Philosophical-Theological University in Regensburg . From 1920 onwards, the Regensburg observatory was used as the Regensburg public observatory . Stockl wrote many popular scientific publications and was well-known for his popular lectures on astronomy in the observatory. In 1930 he dedicated himself in particular to the commemorative publication on the 300th anniversary of Johannes Kepler's death.

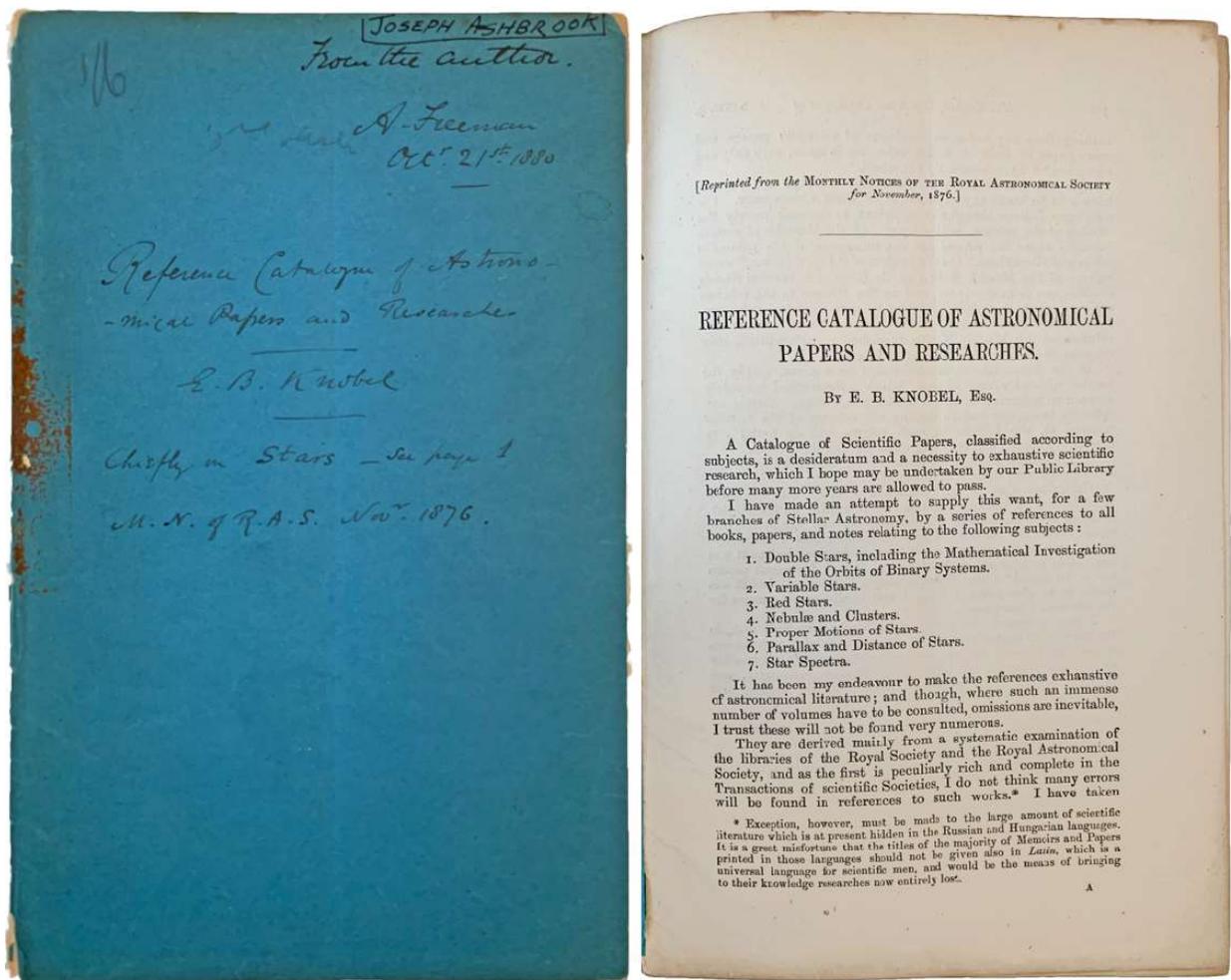


CHECK LIST
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IN THE
WILLIAM ALLAN
NEILSON LIBRARY

*Friends of the Smith College Library
Northampton, Massachusetts
MCMLXXV*

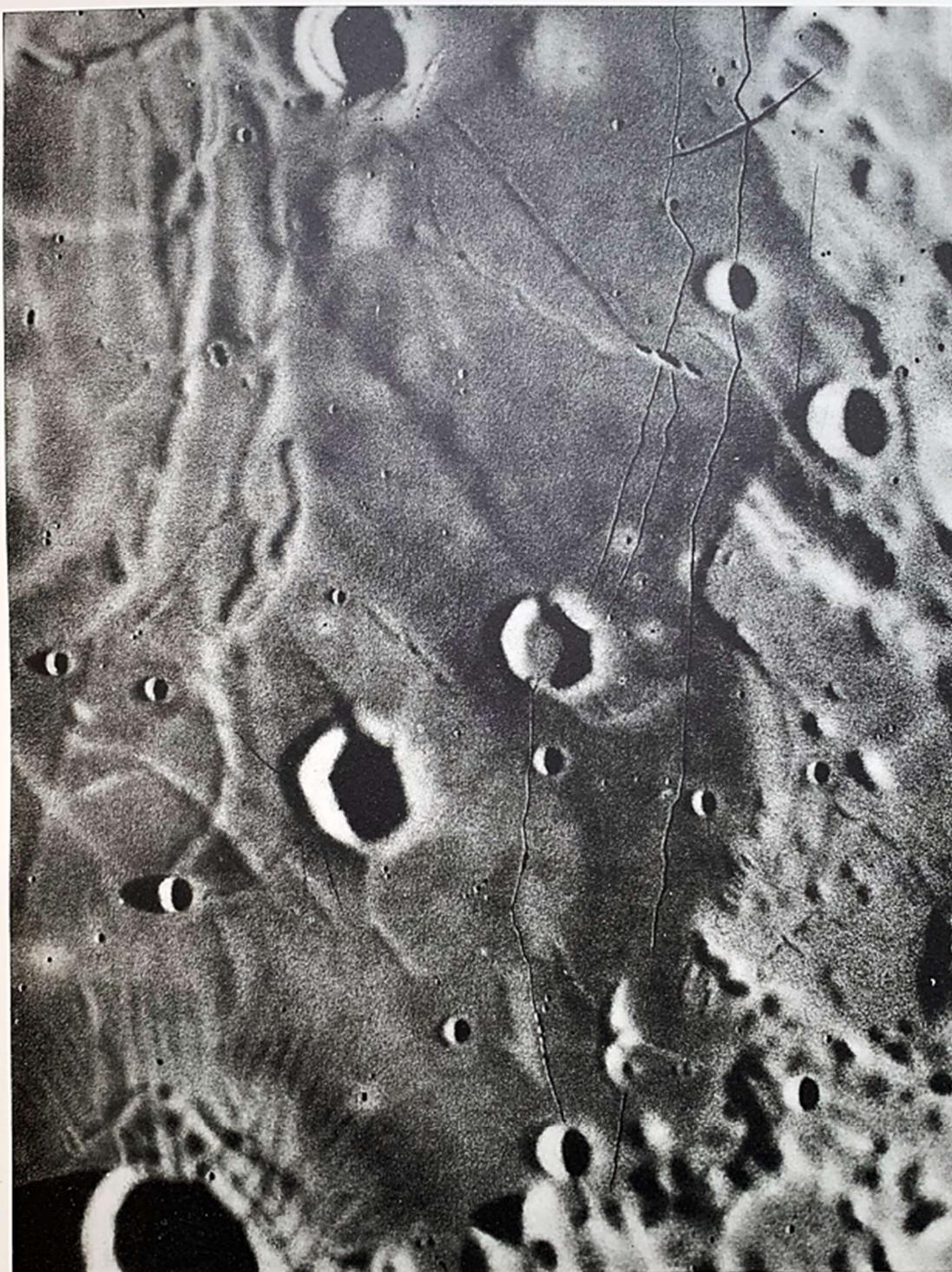
1398 **Smith College Library; KING, Dorothy** (comp.). *Check List of the Incunabula in the William Allan Neilson Library*. Northampton, MA: Friends of the Smith College Library, 1975. ¶ 8vo. 16 ff. Printed in two colors (black and burgundy), facsimile reproductions from the original works. Printed wrappers. Fine. \$ 5

A list of fifty-five books from Germany, Italy, France, and Holland within the collection at Smith College. One of 2000 copies printed.



1402 **KNOBEL, Edward Ball** (1841-1930). "Reference Catalogue of Astronomical Papers and Researches." [No place] Reprinted from: *Monthly Notices of the Royal Astronomical Society*, for November, 1876. ¶ (215 x 140 mm). (365)-392 pp. Paper wrappers; covers stained, spine starting. Inked notations and ownership signature on front cover, "From the Author." Previous owners: A. Freeman (1880), and Joseph Ashbrook. Very good. \$ 30

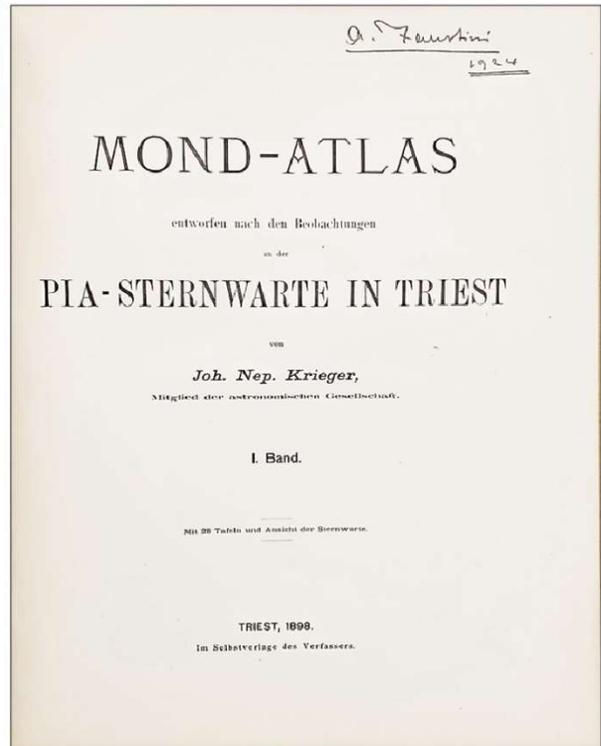
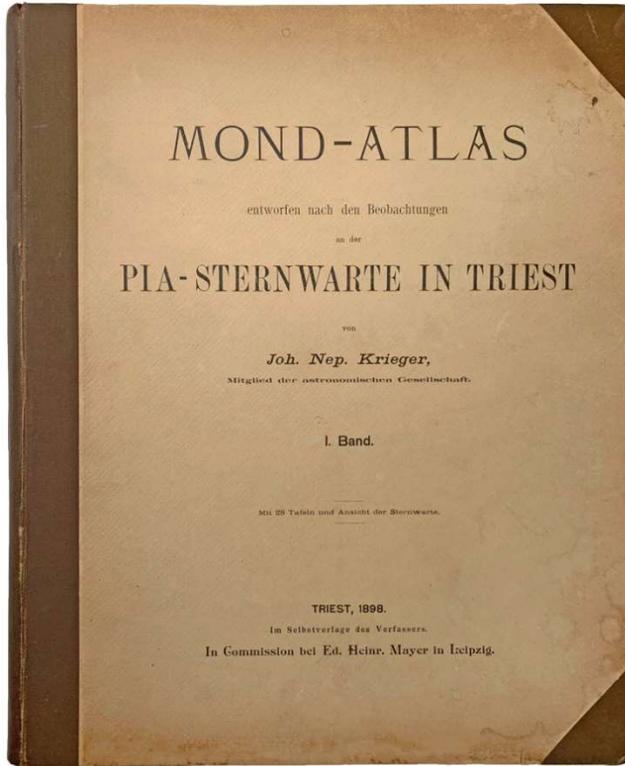
PROVENANCE: Reverend Alexander Freeman (1838-1897), Murston Rectory, Sittingbourne, was an astronomer and teacher of mathematics. Joseph Ashbrook (1918-1980) was also an astronomer, took his degree at Harvard, taught at Yale (1946-50) and Harvard (1950-53), was the author of *The Astronomical Scrapbook*, (1954-80).



ARAGO, ROSS, PLINIUS

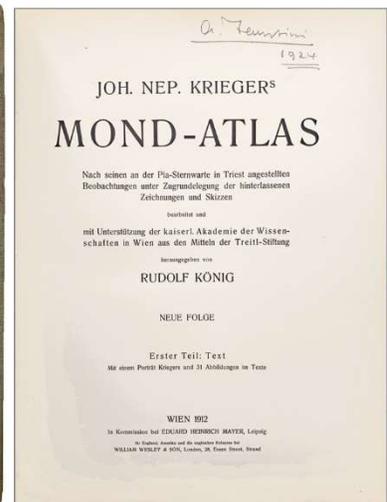
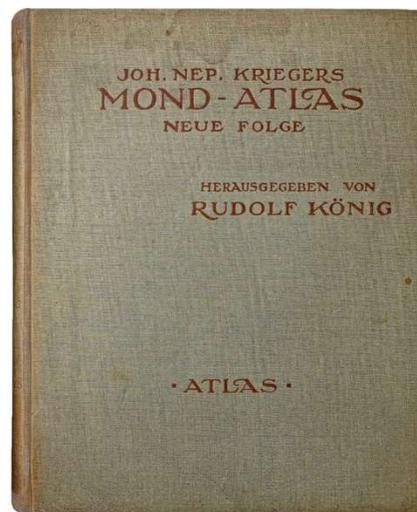
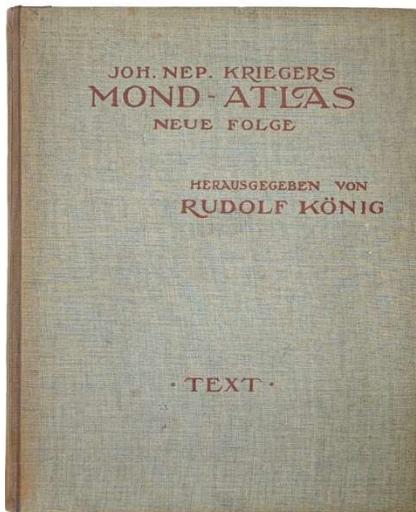
1 mm = 1250 m in Länge = 1180 m in Breite.
Lage des Mittelpunktes: L = +21°, B = +11°.

[S13763] KRIEGER & KONIG



A Masterpiece of Drawings of the Moon's Surface

S13763 **KRIEGER, Johann Nepomuk** (1865-1902). *Mond-Atlas entworfen nach den Beobachtungen an der Pia-Sternwarte in Triest.* [Together, 3 volumes] Triest: Ed. Heinr. Mayer, 1898. ~ Small folio. 20 pp. 28 plates. Original portfolio. Bookplate of "A.F." (being a collector of Arctic voyages: Antonio Zeno Barentz, Franklin, James C. Ross, Adrien de Gerlache, Scott); title-page signed "A. Faustini", [Brooklyn], 1924.



WITH: **KONIG, Rudolf** (1865-1927). *Job. Nep. Kriegers Mond-Atlas; nach seinen an der Pia-Sternwarte in Triest angestellten Beobachtungen unter Zugrundelegung der hinterlassenen Zeichnungen und Skizzen. Bearb. und mit Unterstützung der kaiserl. Akademie der Wissenschaften in Wien aus den Mitteln der Treitl-Stiftung, hrsg. von Rudolf König. Neue Folge.* Vienna: In Kommission bei Eduard Heinrich Mayer, 1912. ¶ Two volumes [Text & Atlas]. XVIII, 376 pp. 31 illustrations. Atlas: 58 plates, numbered from 29-86, with an additional unnumbered large folding map-plate of the Moon. Original cloth; re-cased. Title-pages both signed "A. Faustini", [Brooklyn], 1924.

\$ 3000

FIRST EDITIONS. Krieger was a draftsman and selenographer who produced detailed hand-drawn maps of the lunar surface at his Italian observatory. Krieger decided to create a definitive map of the Moon. For this purpose he obtained a series of low-resolution negatives of the lunar surface that had been taken at the Lick and Paris observatories. He enlarged these images and used them to provide positional



accuracy for his subsequent drawings. His illustrations of the Moon were made in charcoal, graphite pencil, and ink, and were considered superior to any previously produced lunar maps in their accuracy and level of detail, and continue to be considered works of art.

Johann Nepomuk Krieger lived long enough to see his first 28 plates published as volume 1 of his "Mond Atlas". However his health had suffered, possibly due to his long nightly labors at his telescope. About 10 years following his death, his remaining drawings and sketches

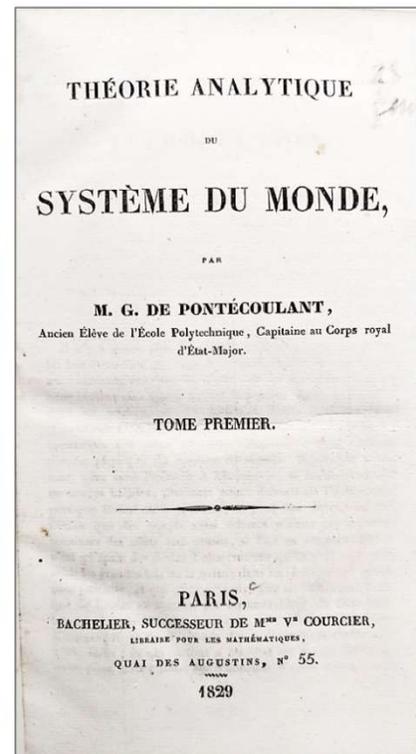
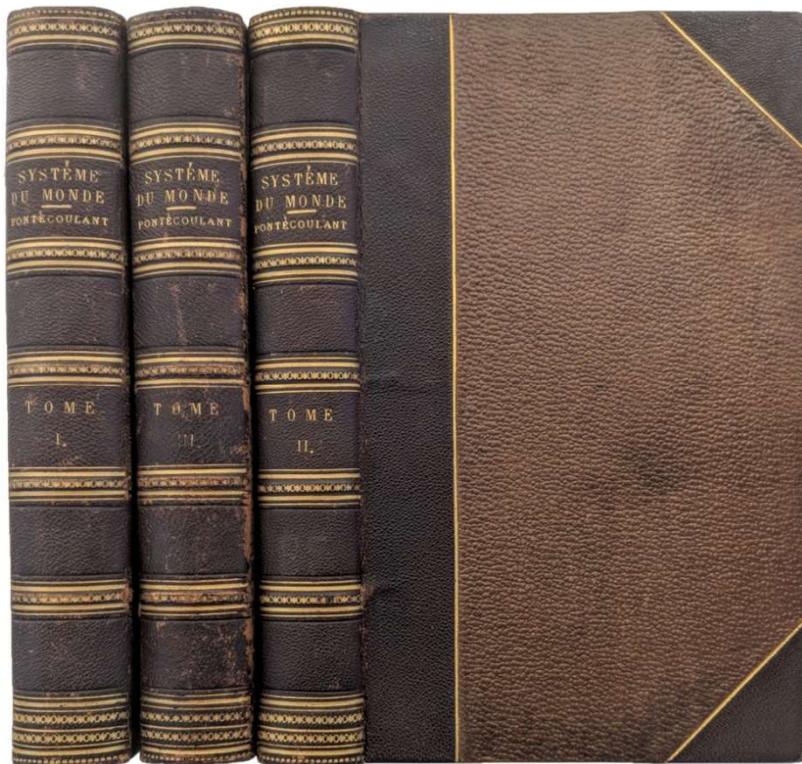
were published in a second volume by the Austrian selenographer Rudolf Konig [included].

Rudolf Konig (1865 -- 1927), born in Vienna, was an Austrian merchant, amateur astronomer and selenographer. He was friends with Krieger and finished the book his friend had intended, though it would appear by enhancing it much further.

PROVENANCE: Arnaldo Faustini (1872–1944) was an Italian polar explorer, geographer, writer, and cartographer. He is considered by some to be the first South European polar specialist. Born in Rome, he received his doctorate at the University of Rome at the age of 21. Faustini worked at a newspaper based in Rome as scientific editor. He had a special interest in polar subjects, and published 19 books on polar subjects in his native Italian. He also wrote numerous articles. Among the polar explorers Faustini knew personally were Roald Amundsen, Ernest Shackleton, Robert F. Scott, and Adrien de Gerlache, of the Belgian Antarctic Expedition. Faustini translated into Italian De Gerlache's French language account of his voyage. Faustini also drew the map of the area explored by the Belgians. In gratitude, De Gerlache gave him the flag from the expedition's ship, the SS Belgica.

The polar explorer Augustus Greely invited Faustini to the United States in 1915 for a lecture tour. While lecturing at Columbia University, Faustini met Amelia Del Colle, who later became his wife.

Faustini's interests were wide-ranging. In an unpublished 1918 manuscript entitled *Catalogo Descrittivo di Ponti ed Archi Naturali* ("Descriptive Catalog of Natural Bridges and Arches"), Faustini wrote: "Completed under every standpoint, for a future, eventual publication -- text, topographical sketches, illustrations, contents, indexes, etc., that I think to be my greatest work of physical geography." He was fluent in French, English, Spanish and Russian and understood Greek. / The crater Faustini on the Moon is named after him. His papers on the Arctic and Antarctic are held in the Archives of the Istituto Geografico Polare "Silvio Zavatti" (Zavatti Polar Institute) in Fermo. In 1908 his polar geography appeared, *Le Terre Polari*. In 1912 was issued his Eskimo & their customs book, *Gli eschimesi; la razza, gli usi e i costume*.



RW1519 **LE DOULCET PONTECOULANT, Philippe Gustave, Comte de** (1795-1874). *Théorie Analytique du Système du Monde*. Paris: Bachelier, 1829-1834. ¶ 3 volumes. 8vo. xxviii, 508; xiv, [2], 504; xxi, [3], 563, [1], 57, [3] pp. Light foxing. Contemporary gilt-stamped half dark brown morocco, raised bands, brown cloth, by E. Watson of Paddington Street [London] (with his binder's ticket); extremities worn. Bookplate of St. Edmund's College Library; library markings. Very good.

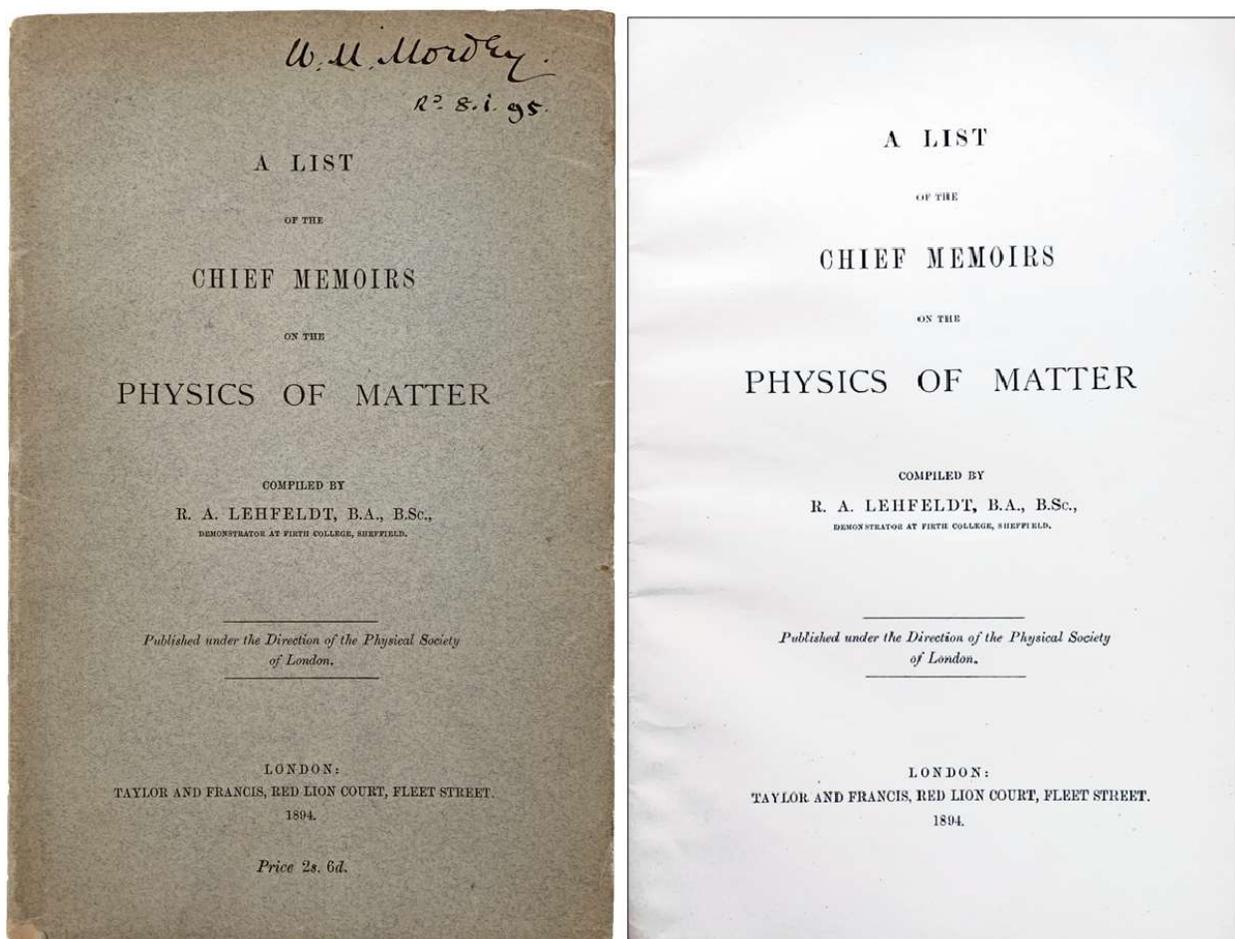
\$ 350

First edition of Pontecoulant "great work." – *Monthly Notices of the Royal Astronomical Society*.

"In his *Théorie analytique du système du monde*, Pontecoulant successfully made the *Mécanique Céleste* of Pierre de Laplace more accessible to a popular audience in France and England and, via translation, in Germany. This work included Pontecoulant's calculation that the perihelion of Halley's comet (IP/Halley) would occur on 31 October 1835, within 3 days of the actual event. Pontecoulant was a member of several scientific societies; a lunar crater at latitude 58° 7S and longitude 66° 0 E is named in his honor." – Marvin Bolt, within: Hockey, *The Biographical Encyclopedia of Astronomers*, I, p. 686. A fourth volume appeared in 1846.

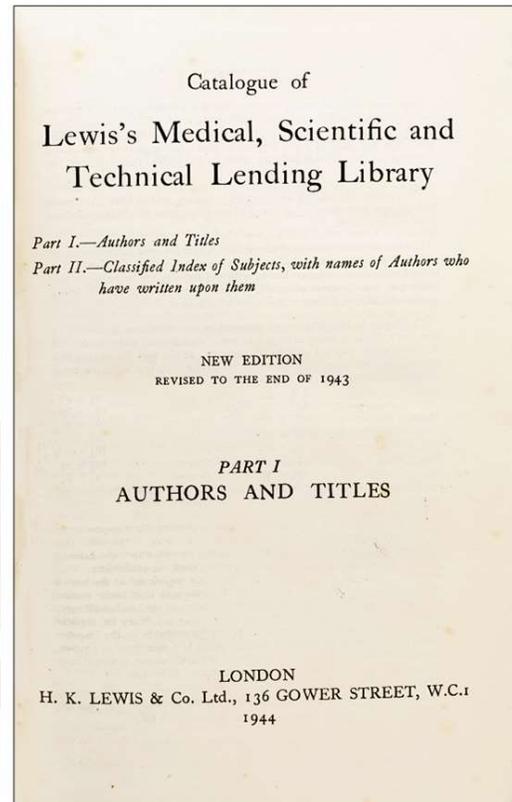
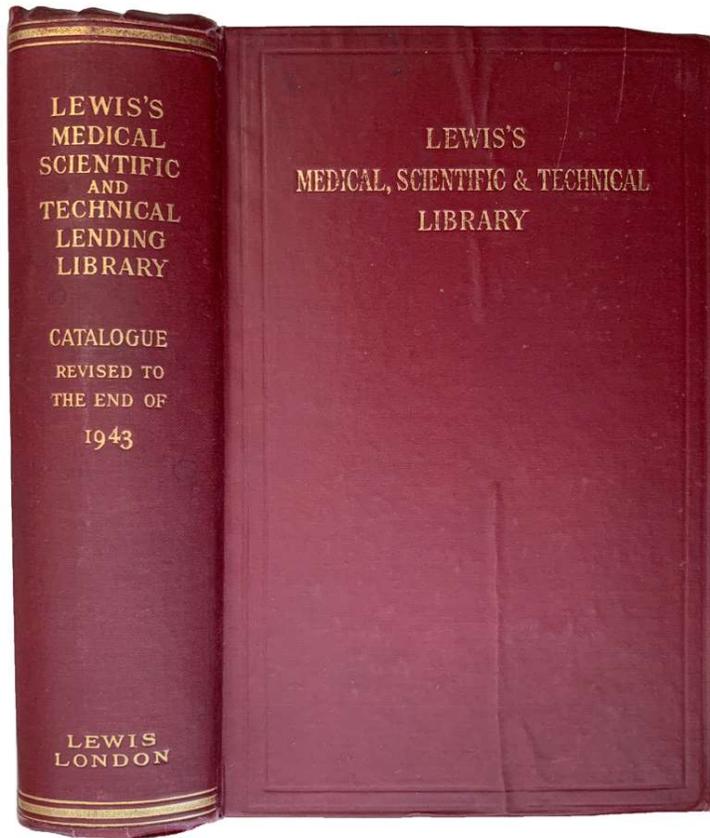
Pontecoulant had a career serving in the military, when upon retirement he devoted himself to the pursuit of mathematics and astronomy. He was able to predict, with

reasonable accuracy (yet not perfect), the return of Halley's comet in 1829. He was a member of the French Academy of Sciences and the Royal Astronomical Society.



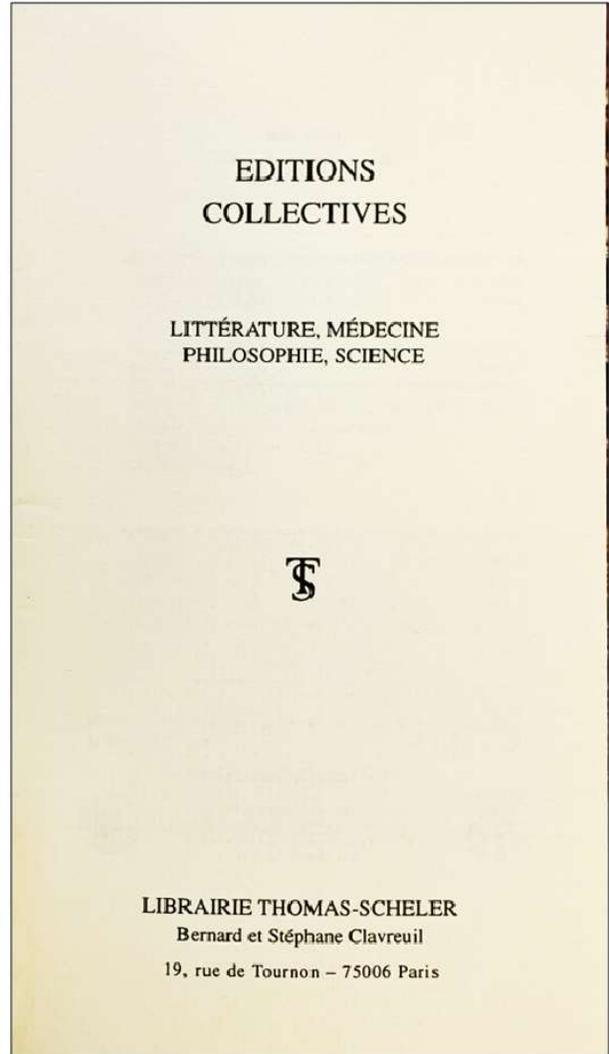
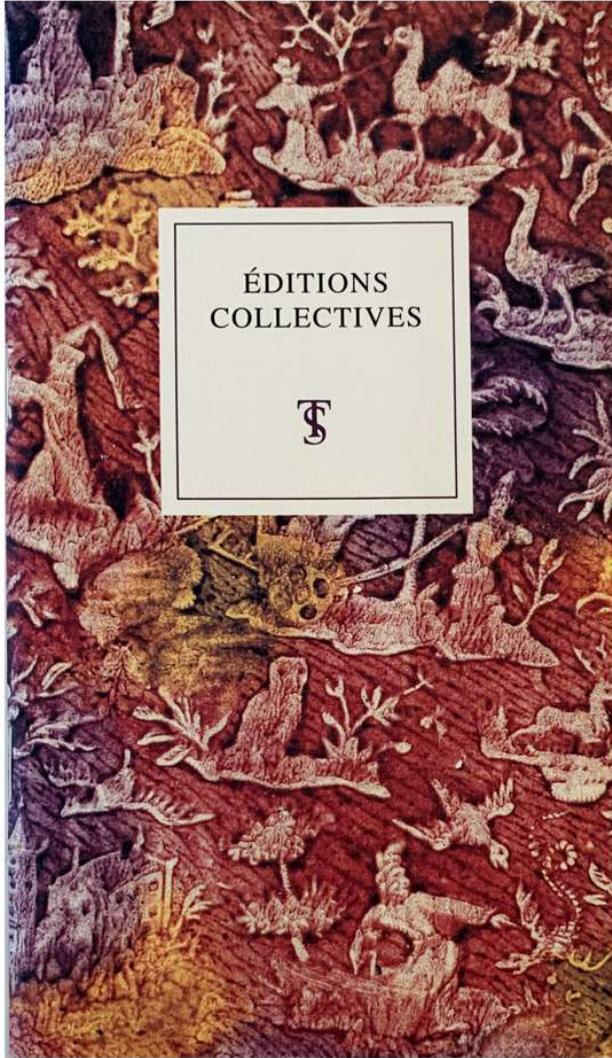
1415 **LEHFELDT, Robert Alfred** (1868-1927) (comp.). *A List of the Chief Memoirs on the Physics of Matter*. London: Taylor and Francis, 1894. ¶ 8vo. ix, 41 pp. Index. Printed wrappers; front cover starting. Previous owner's inked signature on cover. Good. Scarce. \$ 60

A list of over 500 memoirs arranged under many subject headings. Professor Robert Alfred Lehfeldt taught physics at the East London Technical College, remaining there until appointed (1906) to the chair of physics, Transvaal Technical Institute, Johannesburg, a post resigned on his acceptance (1917) of the professorship of economics in the University of the Witwatersrand, Johannesburg. He died in Johannesburg, City of Johannesburg Metropolitan Municipality, Gauteng, South Africa, due to an electric shock in the bathroom.



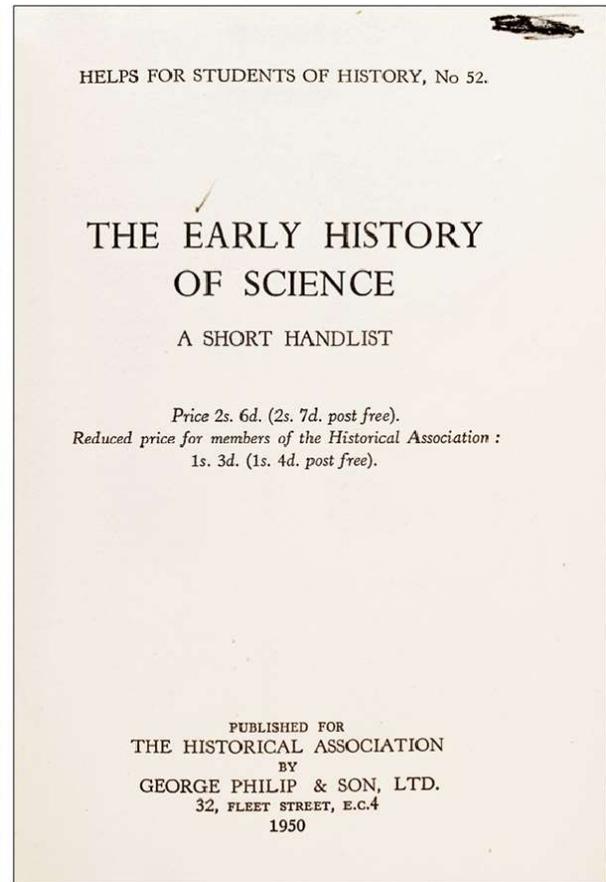
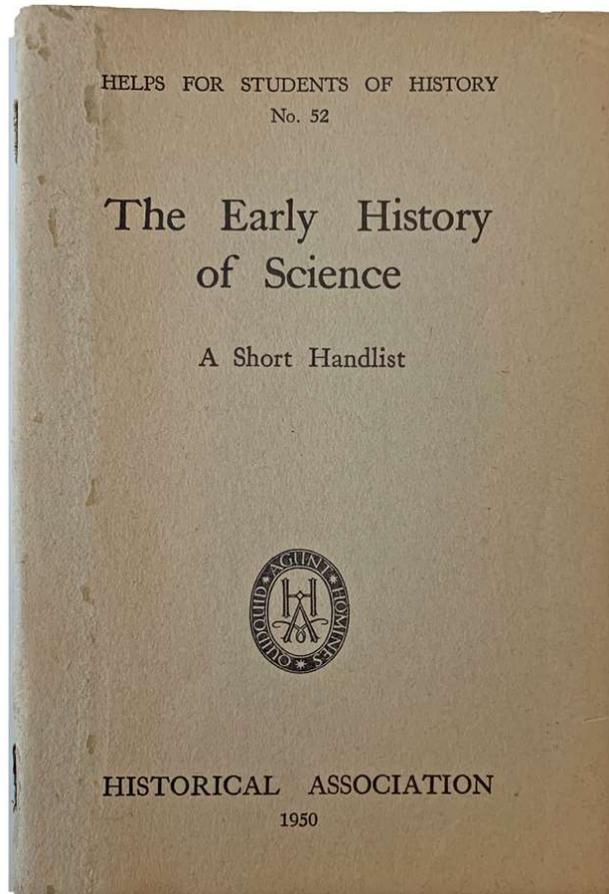
1419 **LEWIS, H. K.** *Catalogue of Lewis's Medical, Scientific and Technical Lending Library. Part I. Authors and Titles. Part II. Classified Index of Subjects, with Names of Authors Who Have Written Upon Them. New Edition, Revised to the End of 1943.* London: H.K. Lewis, 1944. ¶ 8vo. 8, 928 pp. Index. Maroon cloth, gilt-stamped cover and spine titles; cloth a bit wrinkled. Very good. \$ 15

The library was in operation from 1844 to 1989. Lists author, short title, size, date and sometimes place. A rather unusual service that survived for almost 150 years.



1420 **Librairie Thomas-Scheler** [bookseller catalogue]. *Editions Collectives. Littérature, Médecine, Philosophie, Science*. Paris: Juillet, 2002. ¶ Séries: *Troisième catalogue de la série, Affinités sélectives*. 8vo. 33 pp. Decorative printed wrappers. Fine. \$ 3

Sixty-five items listed.



1424 **LINDSAY, Jean Olivia.** *The Early History of Science: A Short Handlist.* [London]: Published for the Historical Association by George Philip & Son, 1950. ¶ Series: *Helps for Students of History*, No. 52. 8vo. 64 pp. Printed wrappers; spine extremities scuffed, a few marks on title and contents page. Very good. \$ 10

Very brief and concise, but informative.

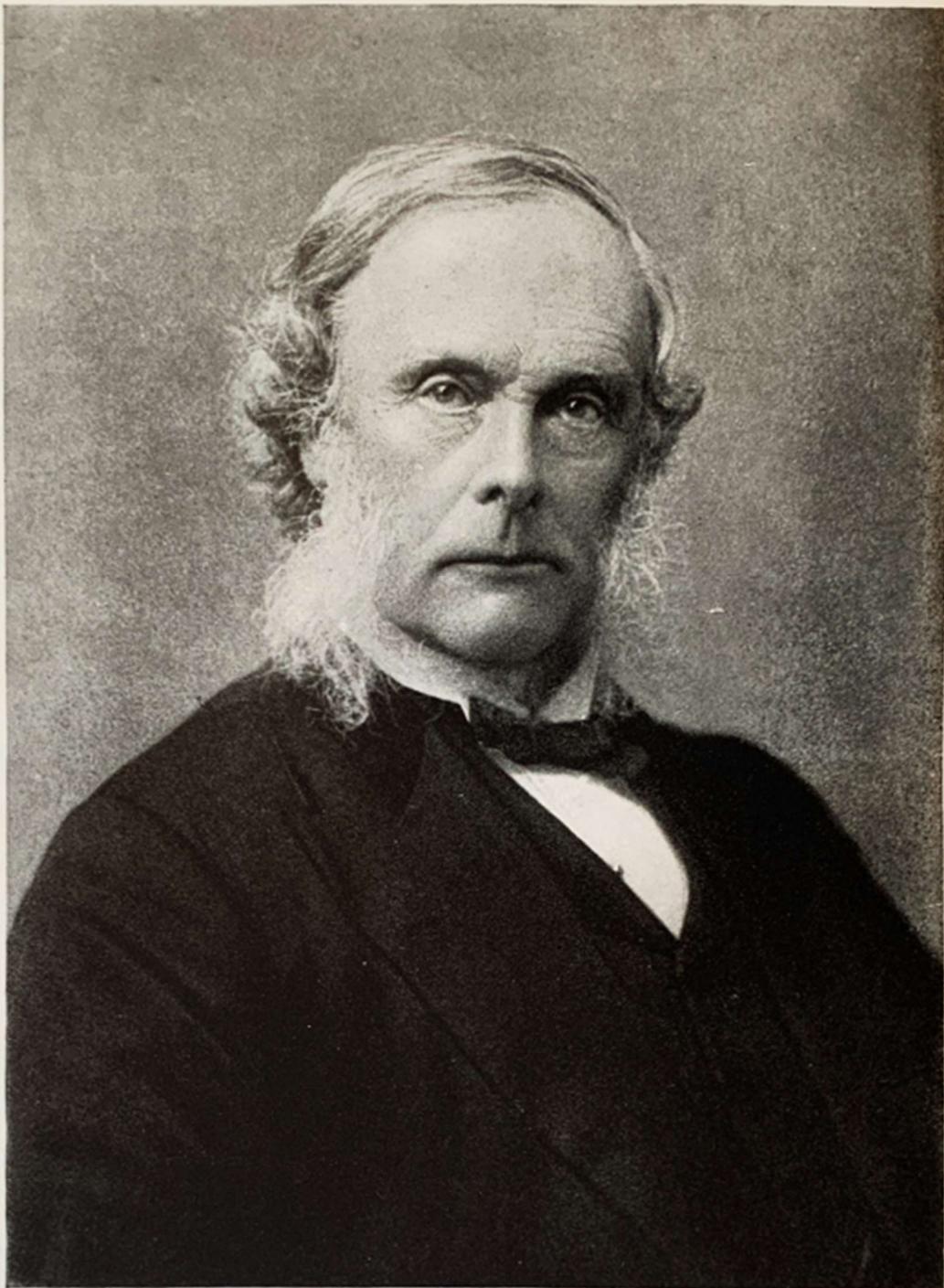


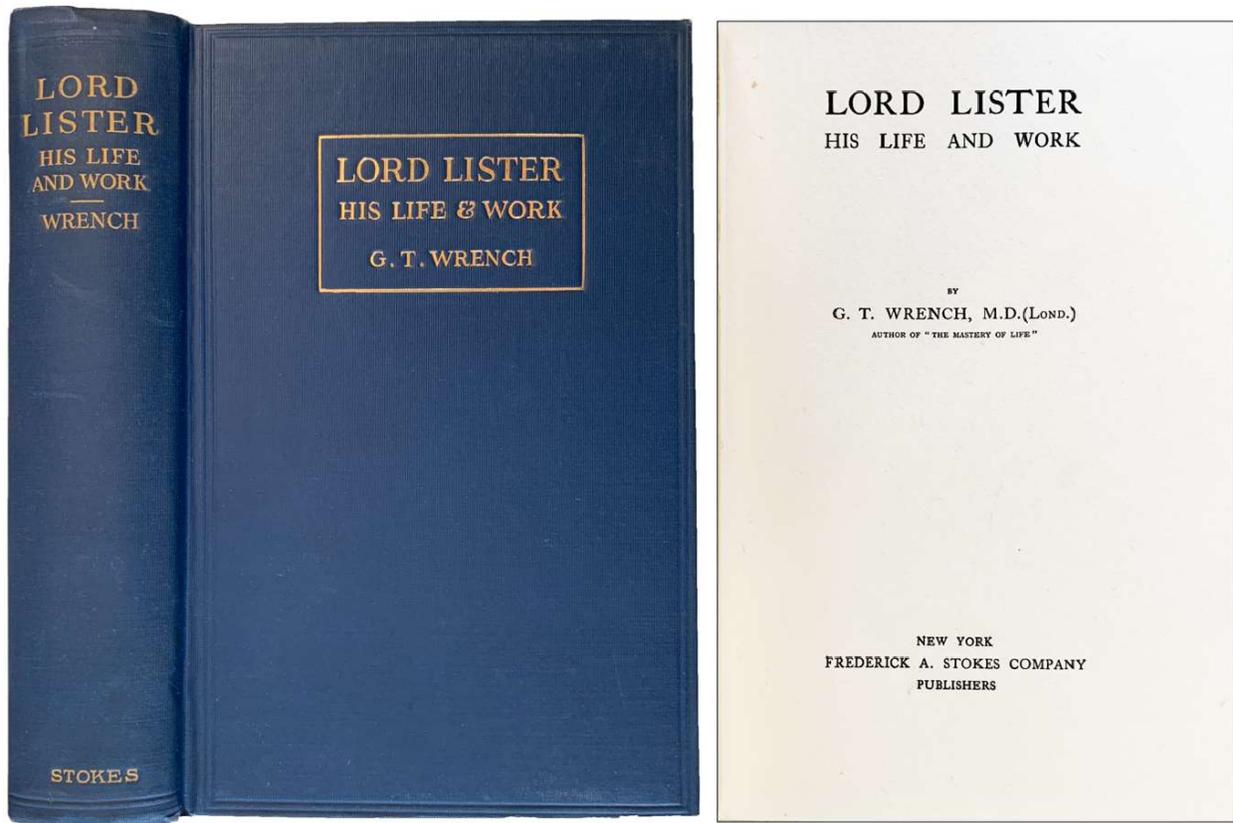
Photo by

LORD LISTER.

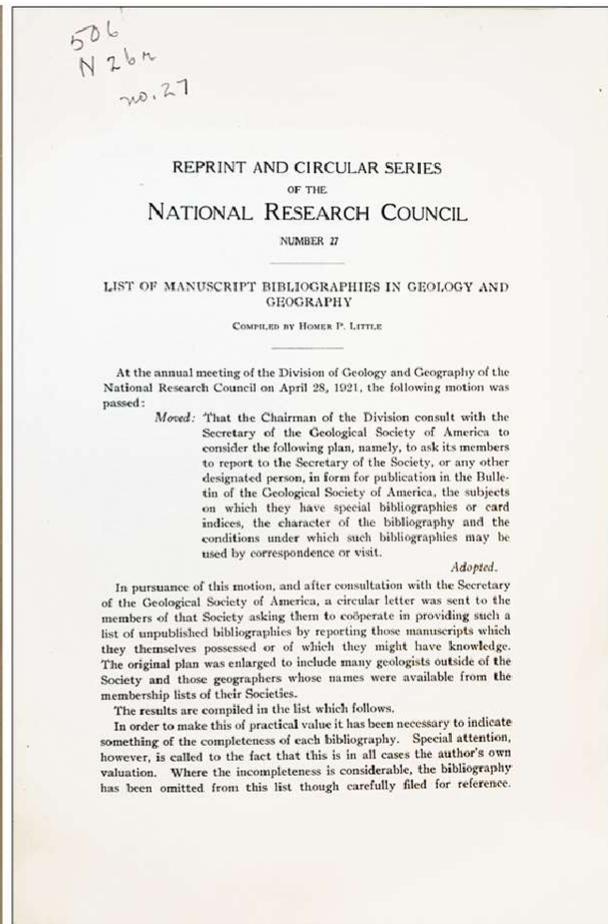
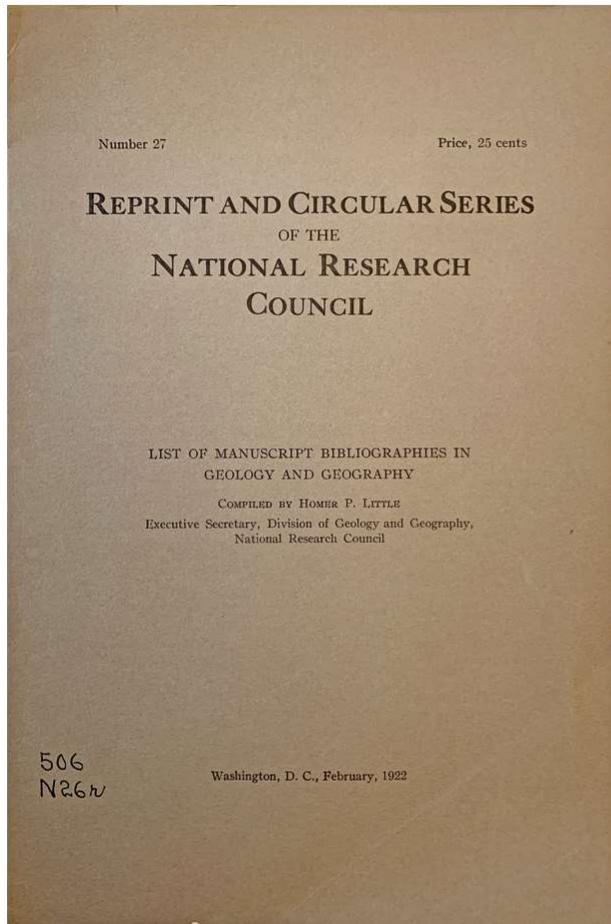
[Barraud.]

*(Reproduced from the "Nature" Science Worthies" Series by permission of
Messrs. Macmillan & Co., Ltd.)*

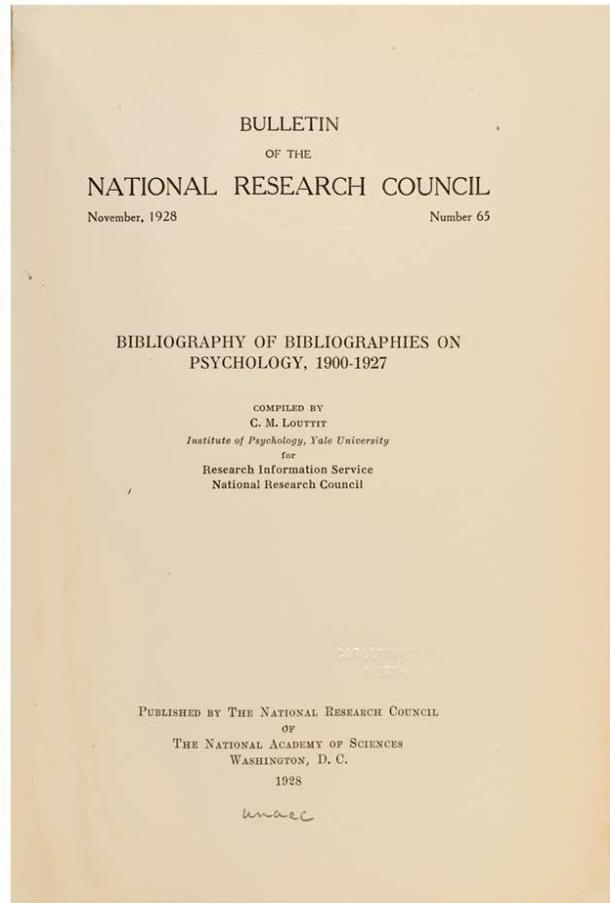
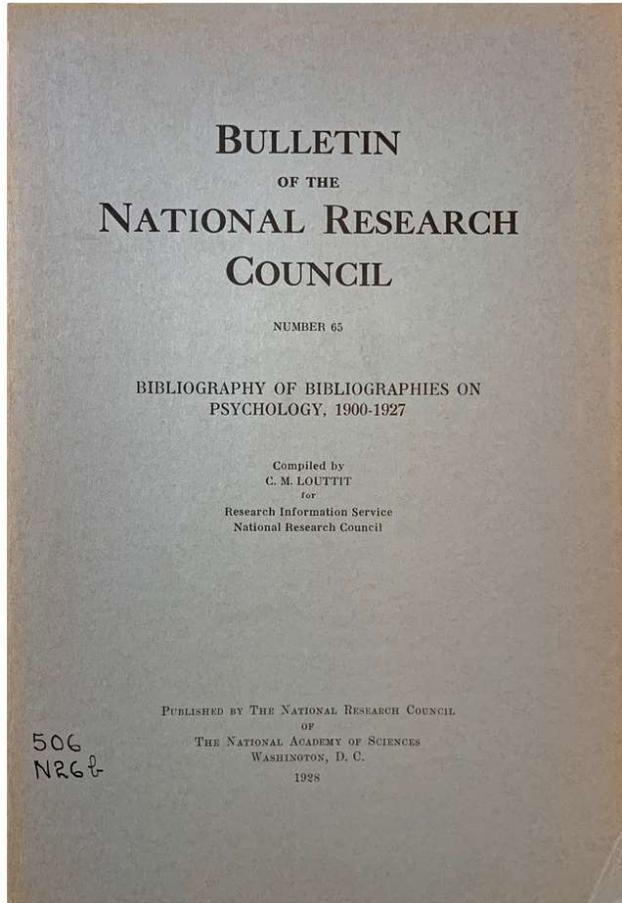
1425 Lister



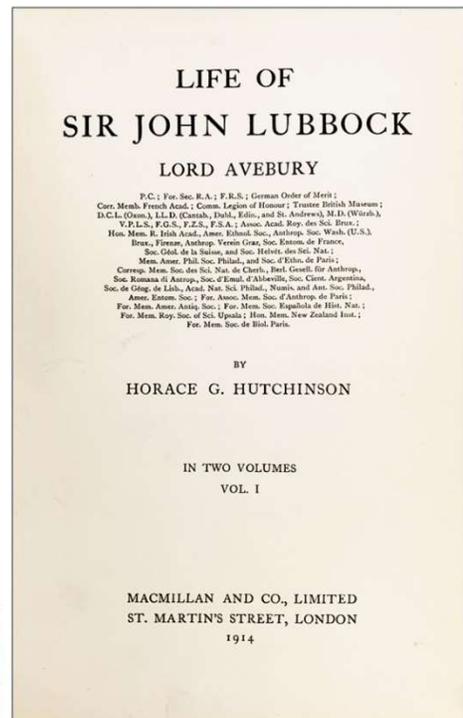
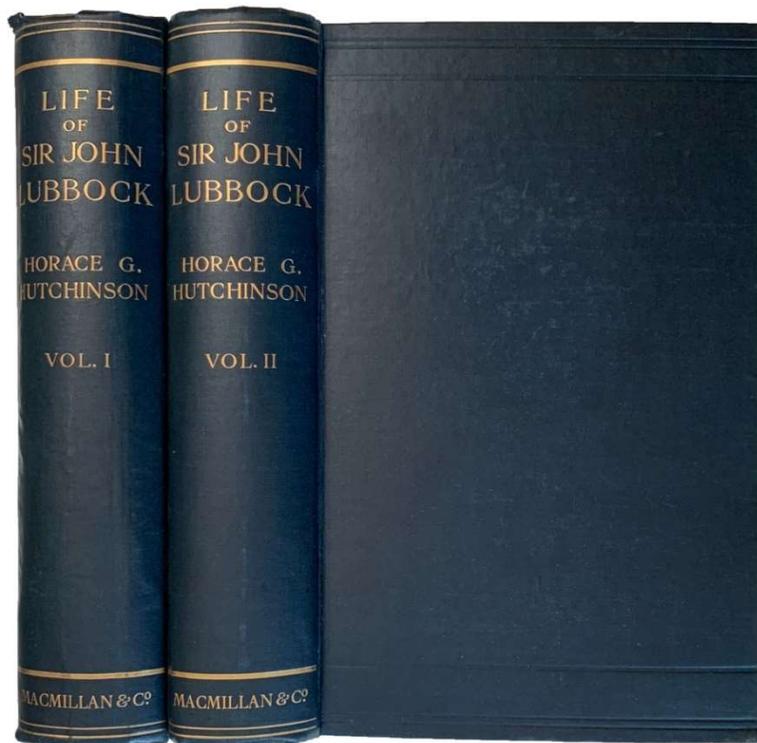
1425 [LISTER, Joseph (1827-1912)] WRENCH, Guy Theodore. *Lord Lister: His Life and Work*. New York: Frederick A. Stokes, [1913]. ¶ 8vo. 384 pp. Half-tone frontis. port. of Lister with tissue guard, three plates, index. Dark blue cloth, gilt-stamped cover and spine titles, t.e.g. Pages mostly uncut. Fine – an unusually clean and tight copy. \$ 25



1426 LITTLE, Homer P. (comp.). *List of Manuscript Bibliographies in Geology and Geography*. Washington, D.C.: National Research Council, 1922. ¶ Series: Reprint and Circular Series of the National Research Council, No. 27. 8vo. 17 pp. Printed wrappers; covers slightly worn and creased. Former library copy with the usual markings. Very good. \$ 4

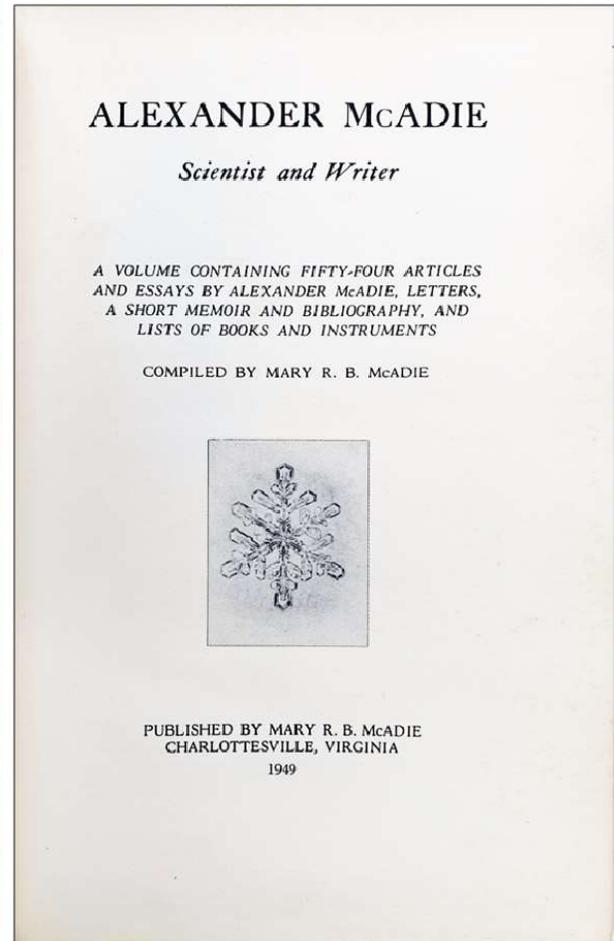
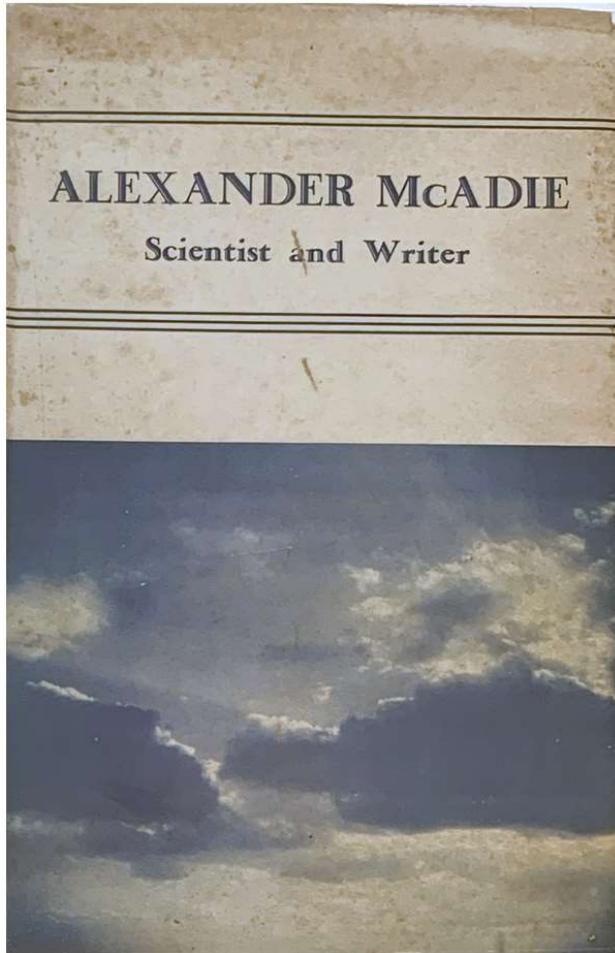


1435 LOUTTIT, Chauncey McKinley (comp.). *Bibliography of Bibliographies on Psychology, 1900-1927*. Washington, D.C.: National Research Council of the NAS, 1928. ¶ Series: *Bulletin of the National Research Council*, No. 65. 8vo. 108, ads. [8] pp. Index. Printed wrappers. Former library copy. Very good. \$ 5



1442 [LUBBOCK, John (1834-1913)] HUTCHINSON, Horace Gordon (1859-1932). *Life of Sir John Lubbock, Lord Avebury*. In two volumes. London: Macmillan, 1914. ¶ Two vols. 8vo. xiv, 338, ads. 2; x, 334, ads. 2 pp. Frontis. portraits of Lubbock (both vols.) with tissue guards, additional three plates (including fold-out genealogy), index. Navy cloth, gilt-stamped cover and spine titles, t.e.g.; very light rubbing to extremities, inner hinges cracked (both vols.). Lovely copy in near fine condition. \$ 95

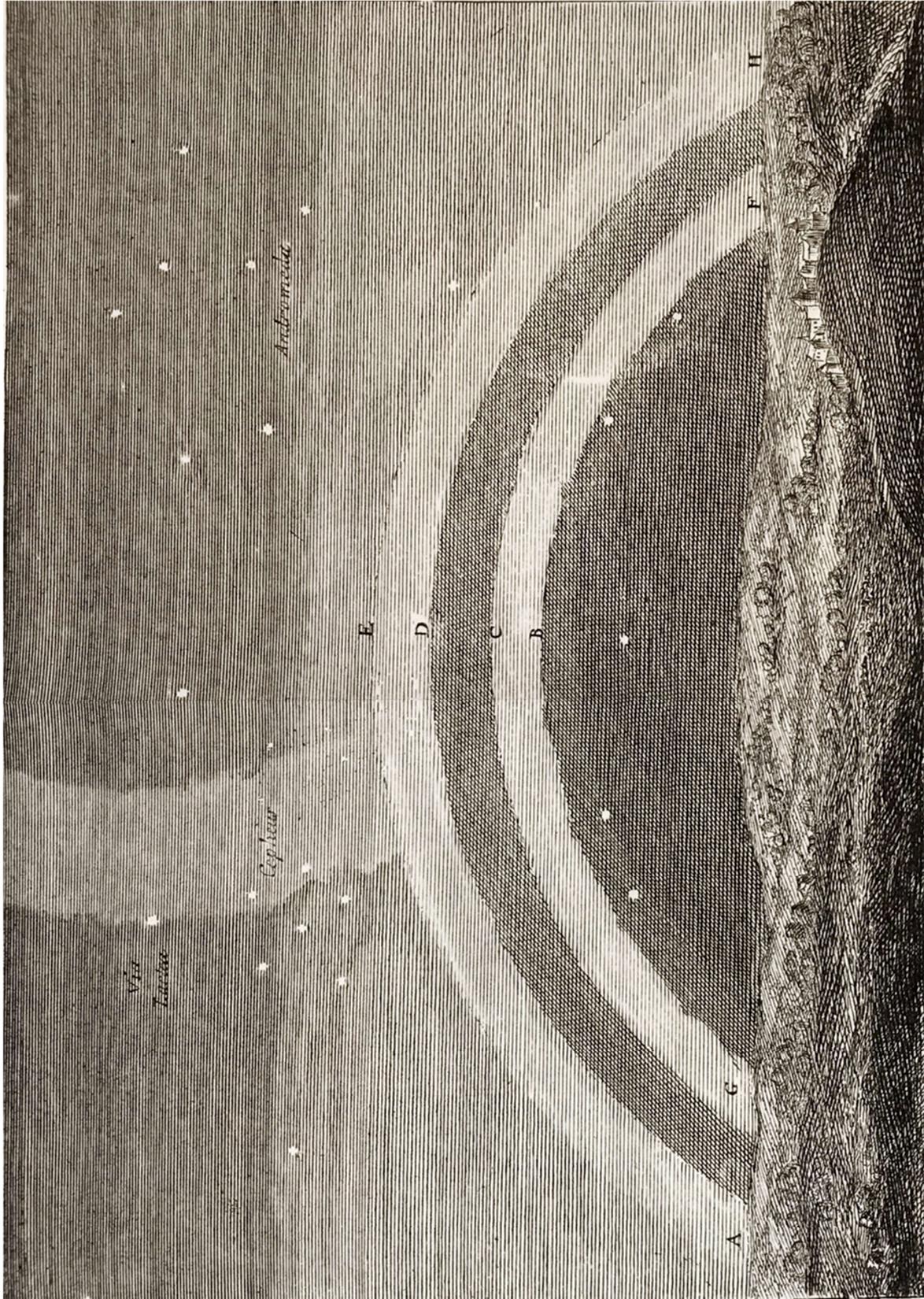
"Sir John Lubbock was born in 1834 in London, England. It is no doubt that Lubbock came from a well-educated family. His father, Sir John William Lubbock, was an astronomer and mathematician. He made contributions in the field of probability theory as it related to life insurance problems. He also studied the tides and the planets, and much of the knowledge we have today about them we can attribute to him . . . Lubbock's scientific contributions were in entomology and anthropology. His anthropological work was on human prehistory in Europe and his entomological interests were on social insects. He wrote three books, the most profound being *Prehistoric Times*, written in 1865. This book was used as a textbook in several languages for many years. Lubbock also wrote *Ants, Bees, and Wasps* (1882), and *The Pleasures of Life* (1887-1889)." [from the Minnesota State University website].



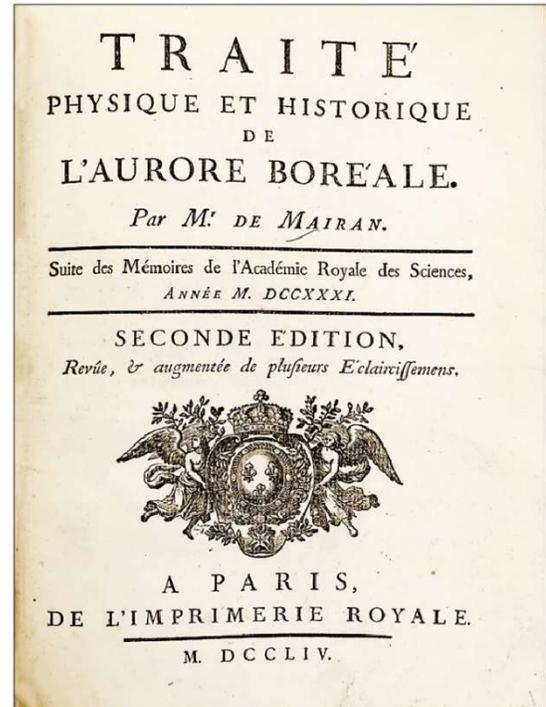
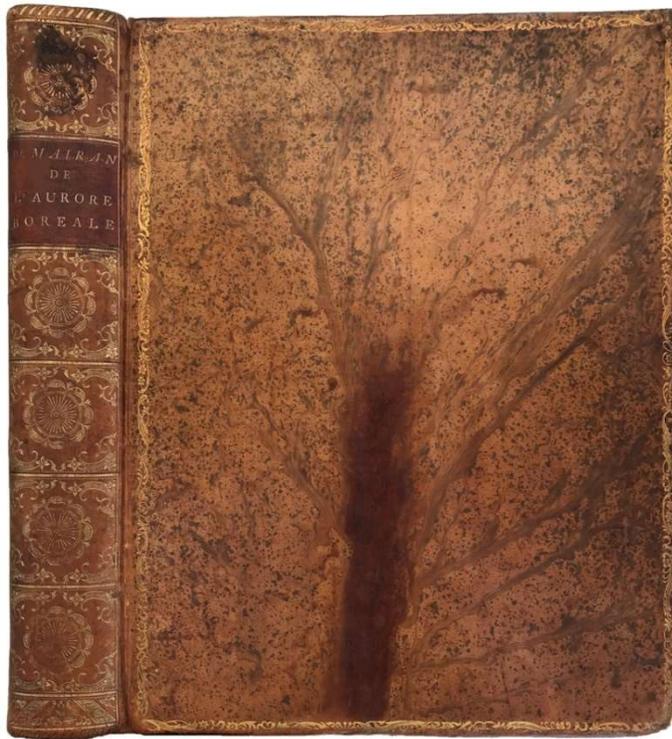
Mrs. Alexander McAdie

1445 **McADIE, Alexander George** (1863-1943); **McADIE, Mary Randolph Browne** (comp.). *Alexander McAdie: Scientist and Writer. A Volume Containing Fifty-Four Articles and Essays by Alexander McAdie, Letters, a Short Memoir and Bibliography, and Lists of Books and Instruments.* Charlottesville, VA: Mary R.B. McAdie, 1949. ¶ 8vo. 421 pp. Frontis. port. of Alexander McAdie, small title vignette, illustrations. Navy cloth, gilt-stamped cover and spine titles, dust-jacket; jacket soiled and chipped. Compiler's card included. Very good. \$ 15

"Mrs. Alexander McAdie" calling card laid-in loose.



[RW1174] MAIRAN



On the Aurora Borealis

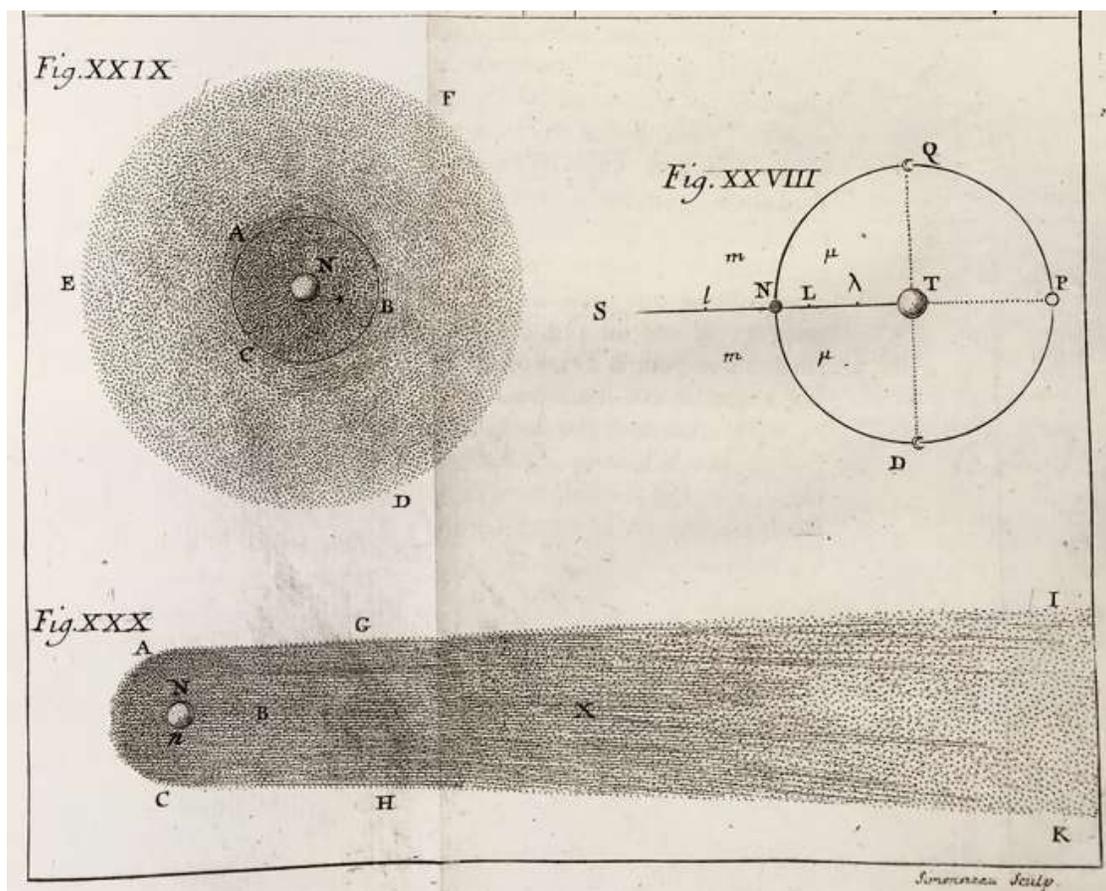
RW1174 **MAIRAN, Jean Jacques d'Ortous de** (1678-1771). *Traite physique et historique de l'aurore boreale. . . . Suite des memoires de l'Academie Royale des Sciences, Annee M.DCCXXXI. Seconde edition, revue, & augmentee de plusieurs Eclaircissemens.* Paris: Imprimerie Royale, 1754. ¶ 264 x 209 mm. 4to. [xii], 570, xxii pp. Title-page vignette, headpieces, tailpieces, historiated initials, errata, 17 engraved plates, numerous tables, index. Contemporary tree calf, gilt-tooled margin on covers, elaborately gilt spine, red leather spine label, marbled end-leaves. Fine. CHOICE COPY.

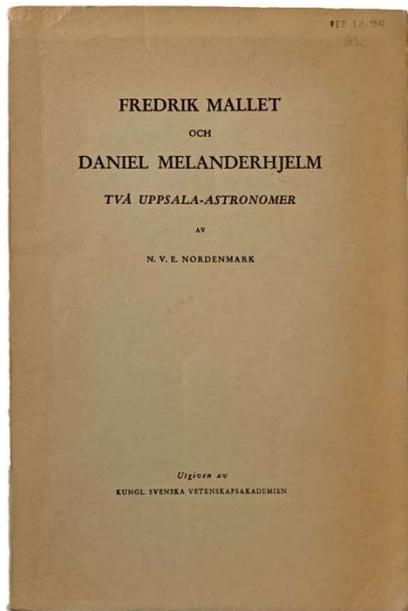
\$ 2,500

Second edition, first issued in 1733, this is a greatly enlarged edition of the first exhaustive treatise on the aurora borealis. Mairan attributed the phenomenon to an extension of the sun's atmosphere, which at times enveloped the earth and blended with our atmosphere.

"Inquiry into the history and physics of the aurora borealis; the chapter on the relation between the aurora and the magnetic declination is of special interest." Wheeler Gift 382. There are many references to Newton, Cassini, Euler, and Descartes. The plates contain astronomical maps as well as sketches of the aurora at different times and locations. Jean Mairan, while basically a Cartesian, did incorporate some Newtonian ideas in his theories. The range of his interests, however, extended beyond mathematics and astronomy, encompassing meteorology, biology, and a range of other disciplines. He was a secretary of the Paris Academy of Sciences and belonged to the Royal Societies of London, Edinburgh, and Uppsala, the St. Petersburg Academy, and the Institute of Bologna. See: *DSB*, IX, pp. 33-34.

☼ Honeyman 2112 (1st ed., 1733); Poggendorf, II, col. 17; Wheeler Gift, 382; Wolf, *History of science and technology, 18th cent.*, p. 305. Harvey, *A history of luminescence*, pp. 258-259 contains an excellent discussion of the new material in this edition. See: Jean-Michel Faidit, *Mairan et les premières théories de l'aurore boreale*, Les Presses du Midi, 2016.

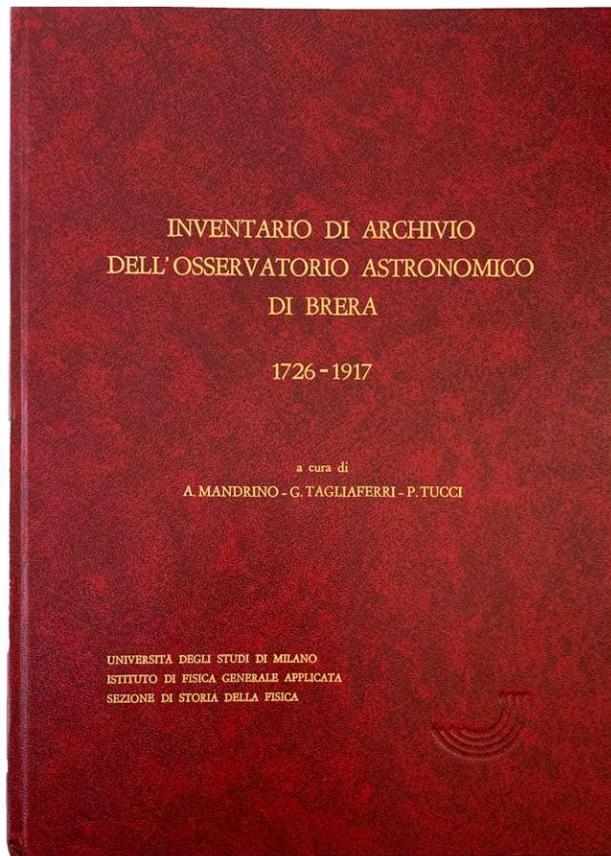




FREDRIK MALLET.
Porträtt i olja på Uppsala observatorium av Arenius (?)

1448 [MALLET, Fredric (1728-1797) & MELANDERHJELM, Daniel (1726-1810)] NORDENMARK, Nils Viktor Emanuel (1867-1962). *Fredrik Mallet och Daniel Melanderhjelm: Två Uppsala-Astronomer. Utgiven av Kungl. Svenska Vetenskapsakademien*. Uppsala: Almqvist & Wiksells, Boktryckeri Artiebolag, 1946. ¶ Swedish text. 8vo. 256 pp. 2 half-tone portraits of Mallet and Melanderhjelm, 14 numbered figs., index. Printed wrappers. Ex-library copy. Very good. \$ 15

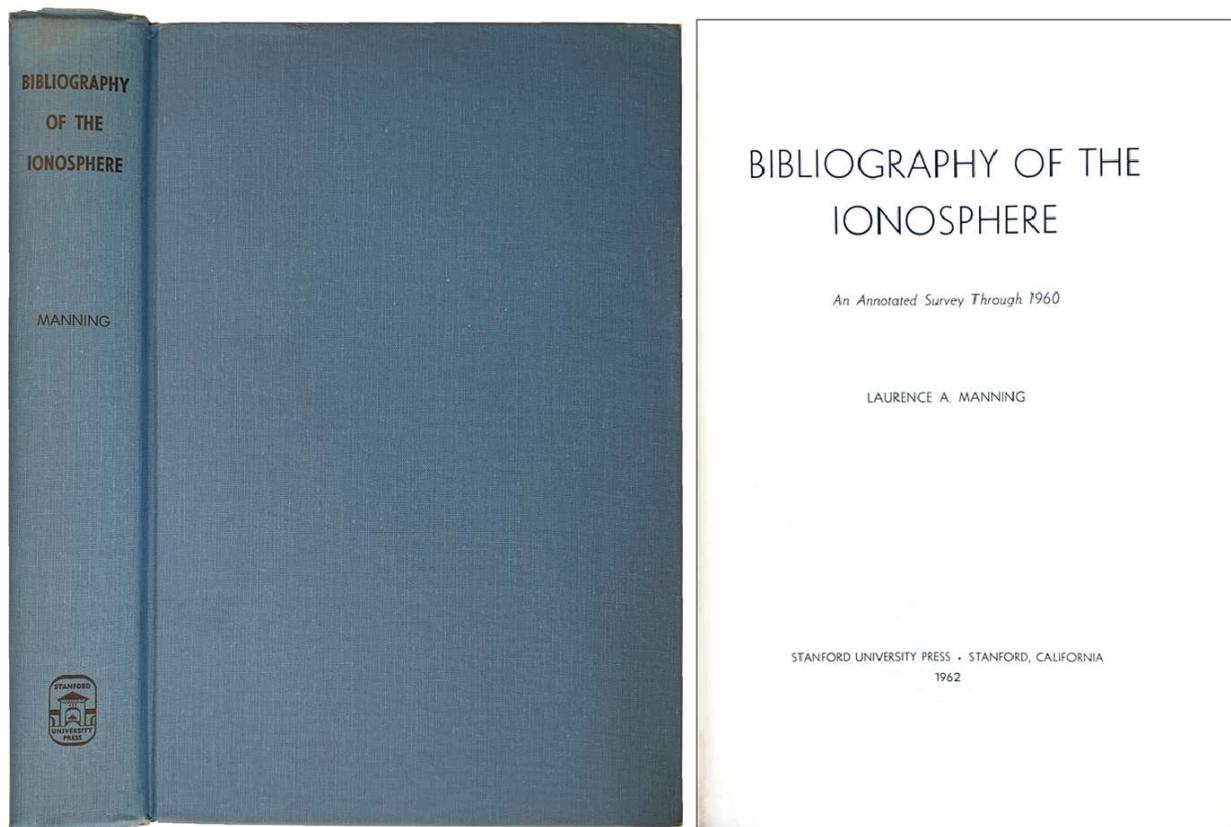
Detailing the histories of two prominent Swedish astronomers from Uppsala, Fredrik Mallet and Daniel Melanderhjelm.



1451 **MANDRINO, Agnese, Guido TAGLIAFERRI & Pasquale TUCCI.**

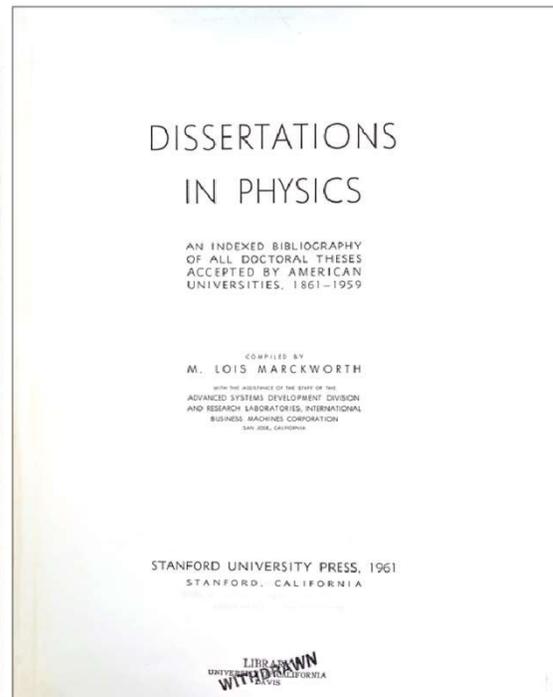
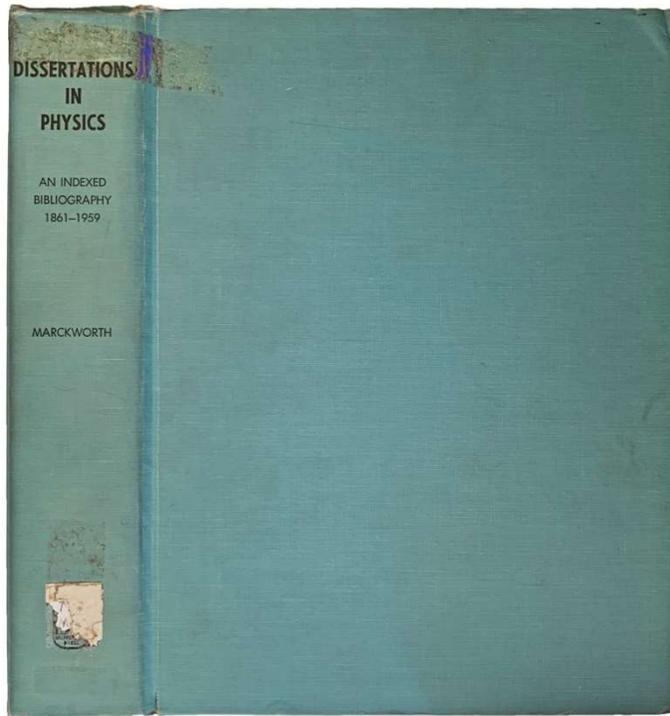
Inventario di Archivio dell'Osservatorio Astronomico di Brera, 1726-1917. Milano: Università degli Studi di Milano, Istituto di Fisica Generale Applicata Sezione di Storia della Fisica, (1987). ¶ 4to. 270 pp. Red glossy paper boards, gilt-stamped cover and spine titles. Fine. Scarce. \$ 25

Inventory of Archives of the Brera Astronomical Observatory, 1726-1917, Milan, Italy.



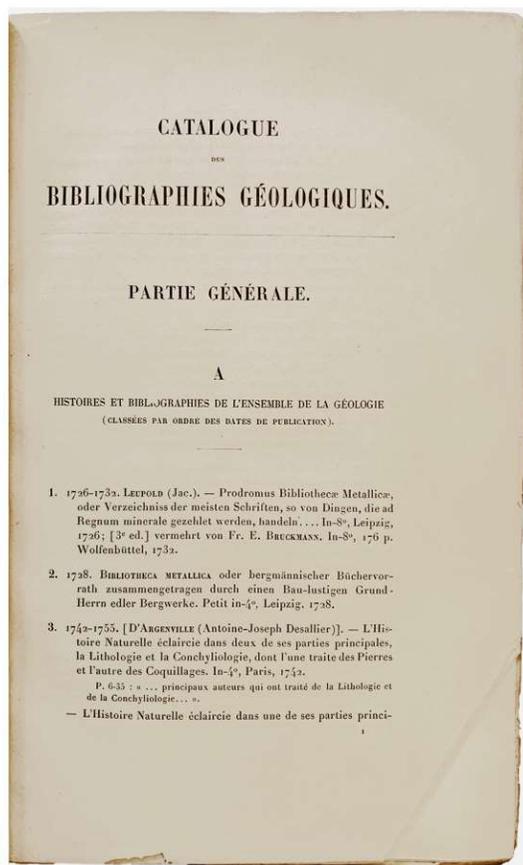
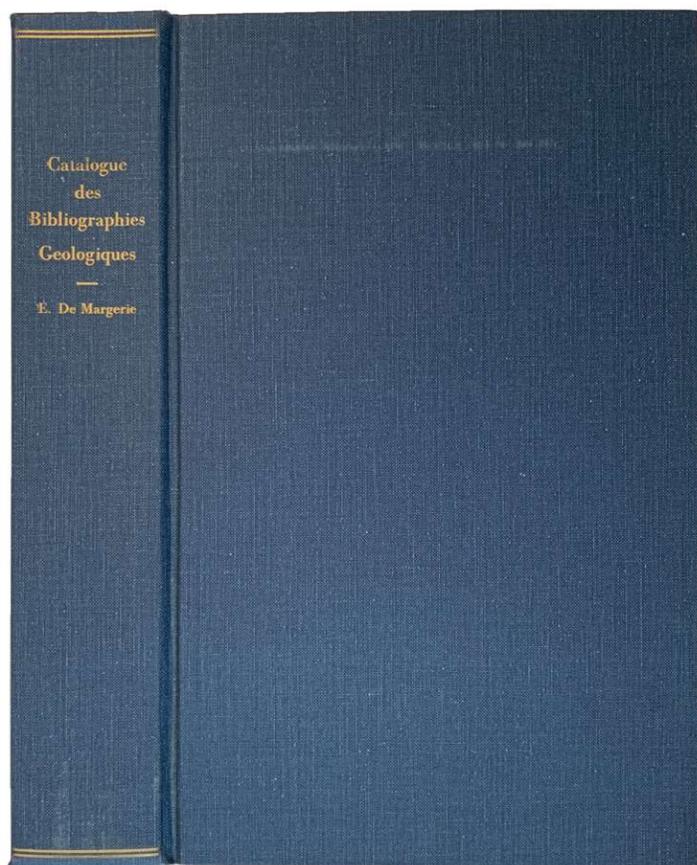
1452 **MANNING, Laurence Albert.** *Bibliography of the Ionosphere: An Annotated Survey Through 1960.* Stanford: Stanford University Press, 1962. ¶ 8vo. xiii, 613 pp. Index. Blue cloth, black stamped spine title. Very good. \$ 15

Revised and expanded version of the author's *A Survey of the Literature of the Ionosphere* (1955).



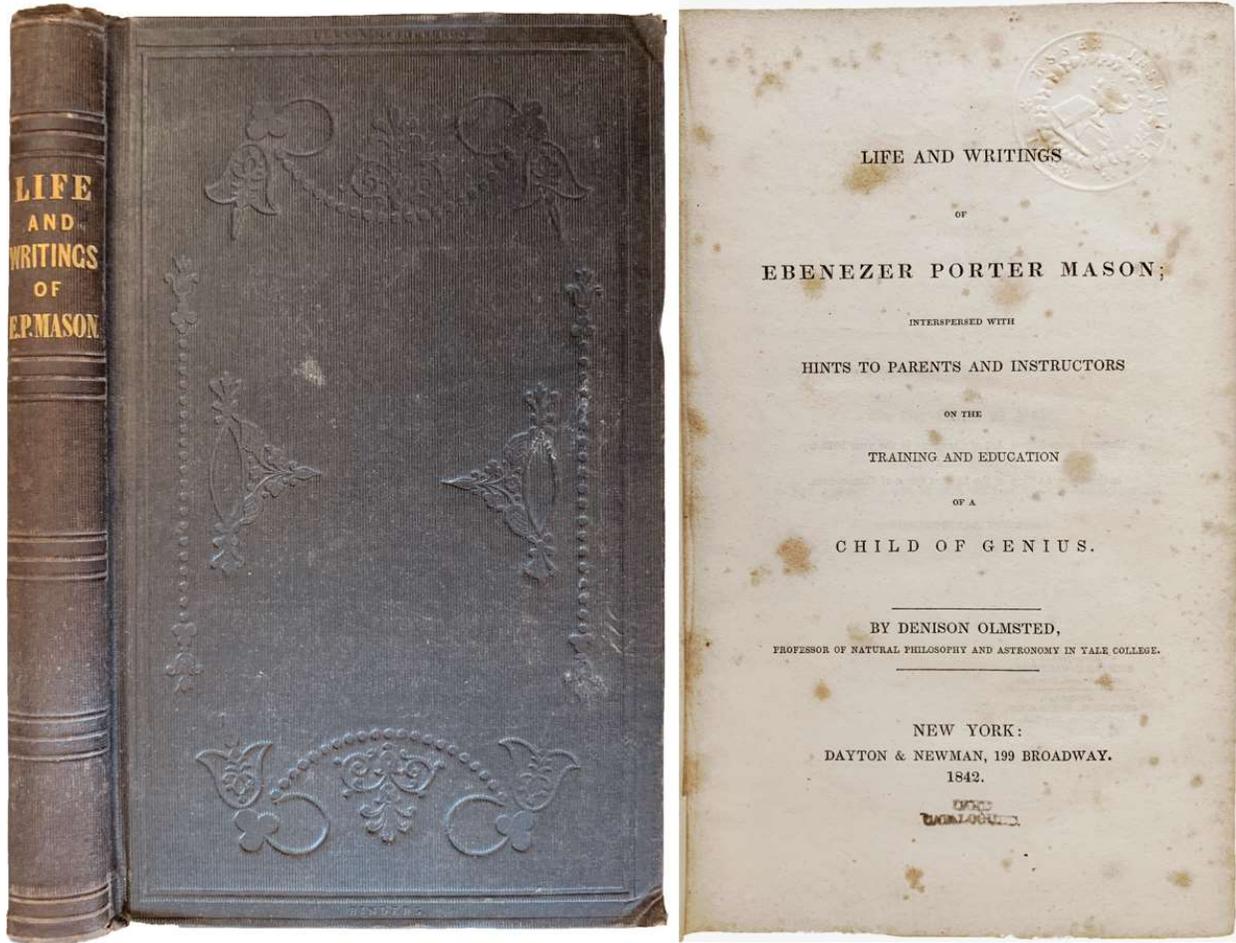
1453 **MARCKWORTH, M. Lois** (comp.). *Dissertations in Physics: An Indexed Bibliography of All Doctoral Theses Accepted by American Universities, 1861-1959*. Stanford: Stanford University Press, 1961. ¶ 4to. xii, 803 pp. Index. Light blue cloth, black stamped spine title; extremities a bit soiled, adhesive stain from tape removal near top of spine, paper library sticker partially removed from bottom spine. Former library copy with the usual markings and defects. Good. \$ 7

Nearly one hundred years of physics dissertations submitted in American universities.



1455 **MARGERIE, Emmanuel de** (1862-1953). *Catalogue des Bibliographies Géologiques*. [Paris: Gauthier-Villars et fils, 1896]. ¶ 8vo. 733 pp. Indexes; some pages marginally chipped. Later dark blue cloth, gilt-stamped spine title; lacks title and preliminaries (xx pp.), bottom corners of pp. 1-24 clipped (text unaffected). Very good. \$ 12

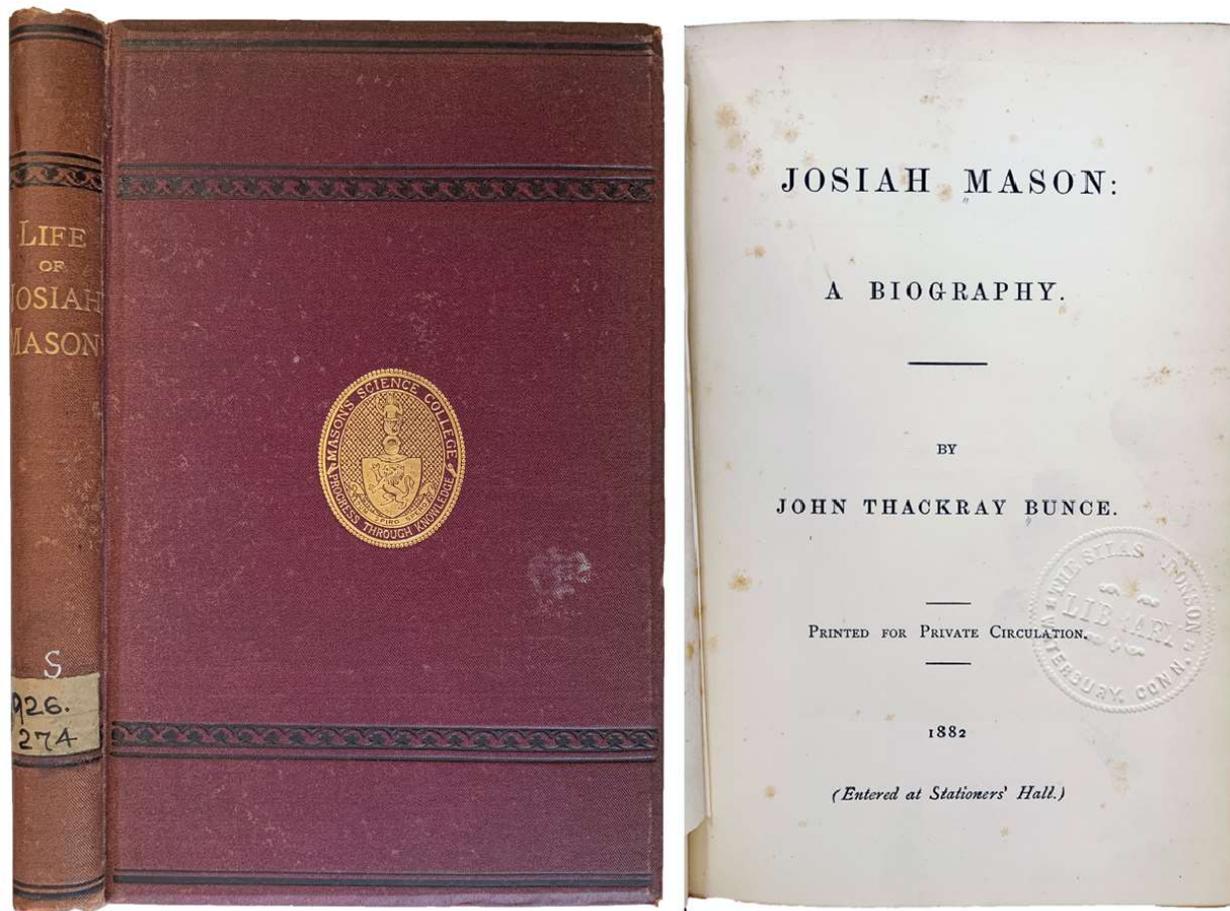
Contents of the bibliography are complete.



1459 [MASON, Ebenezer Porter (1819-1840)] OLMSTED, Denison (1791-1859). *Life and Writings of Ebenezer Porter Mason; Interpreted with Hints to Parents and Instructors on the Training and Education of a Child of Genius*. New York: Dayton & Newman, 1842. ¶ FIRST EDITION. Small 6to. 252 pp. Dark brown cloth, blind stamped decorative covers, gilt-stamped spine title; rubbed; pages foxed. Former library copy, Essex Inst. (covers left unmarked). Very good. \$ 50

Ebenezer Porter Mason, astronomer, worked at the Yale College Observatory. He and his friends built for the observatory the then-largest telescope in America. They used it to study nebulae. Mason became known for the accuracy and detail of his studies.

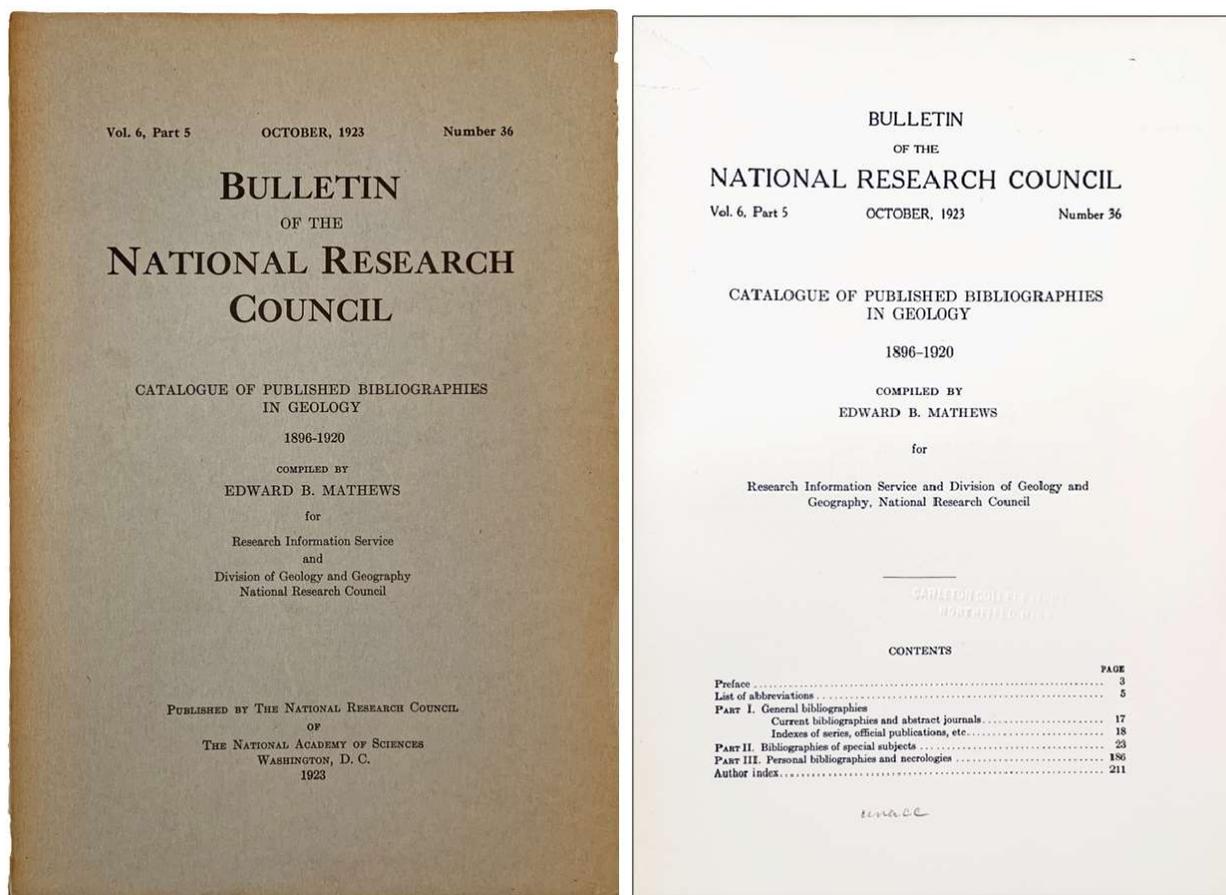
PROVENANCE: Inked presentation inscription: "Mr. F. Alvord – From the Author, Yale College, Feb. 1855." Covers stamped "Elles & Middlebrook Binders". The appendix features an account by Amasa Holcomb of the founding and growth of his telescope manufacturing business.



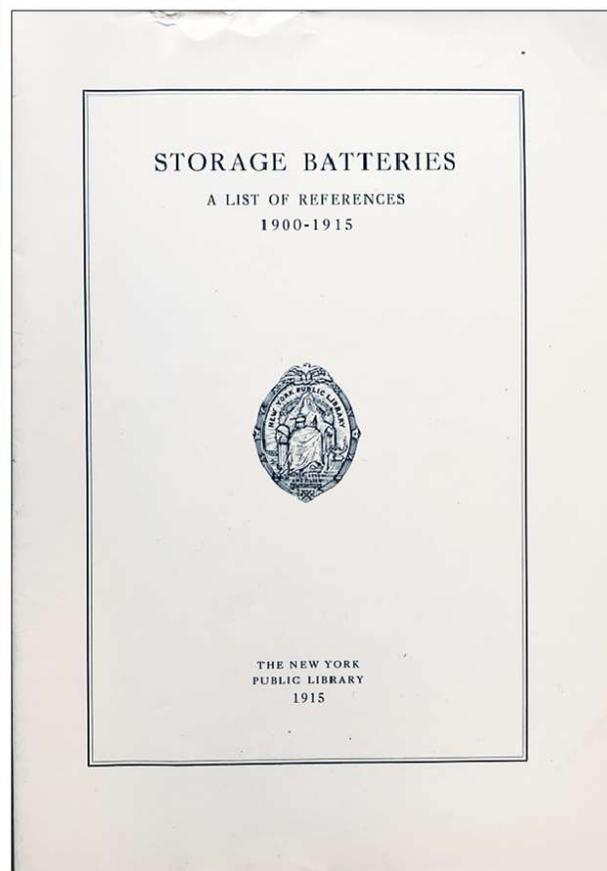
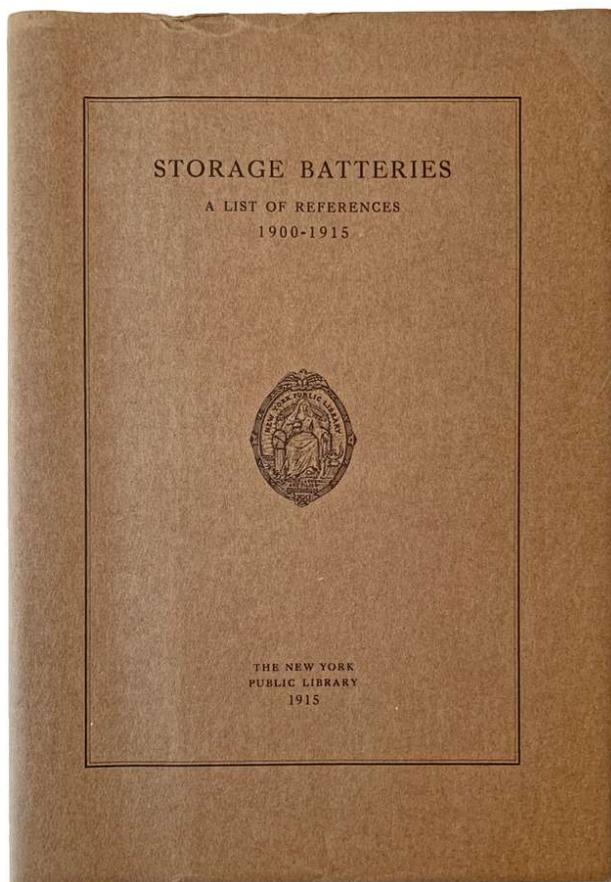
1460 [MASON, Josiah (1795-1881)] BUNCE, John Thackray (1828-1899). *Josiah Mason: A Biography*. [Birmingham]: Printed for Private Circulation, 1882. ¶ 8vo. vii, 171 pp. Frontis. MOUNTED ORIGINAL PHOTOGRAPH PORTRAIT OF MASON. Burgundy cloth, gilt-stamped cover emblem and spine title; extremities a bit speckled, spine slightly faded. Former library copy with the usual markings and defects. RARE. \$ 75

Josiah Mason was an English industrialist who became a philanthropist and established a school for science education. Mason (1795-1881), English pen-manufacturer, was born February 23, 1795, the son of a carpet-weaver. "He began life as a street hawker of cakes, fruits and vegetables. After trying his hand in his native town at shoemaking, carpentering, blacksmithing, house-painting and carpet-weaving, he moved in 1814 to Birmingham. Here he found employment in the gilt-toy trade. In 1824 he set up on his own account as a manufacturer of split-rings by machinery, to which he subsequently added the making of steel pens. Owing to the circumstance of his pens being supplied through James Perry, the London stationer whose name they

bore, he was less well known than Joseph Gillott and other makers, although he was really the largest producer in England. In 1874 the business was converted into a limited liability company. Besides his steel-pen trade Mason carried on for many years the business of electro-plating, copper-smelting, and India-rubber ring making, in conjunction with George R. Elkington. Mason was almost entirely self-educated, having taught himself to write when a shoemaker's apprentice, and in later life he felt his deficiencies keenly. It was this which led him in 1860 to establish his great orphanage at Erdington, near Birmingham. Upon it he expended about £300,000, and for this munificent endowment he was knighted in 1872." – Online Encyclopedia.

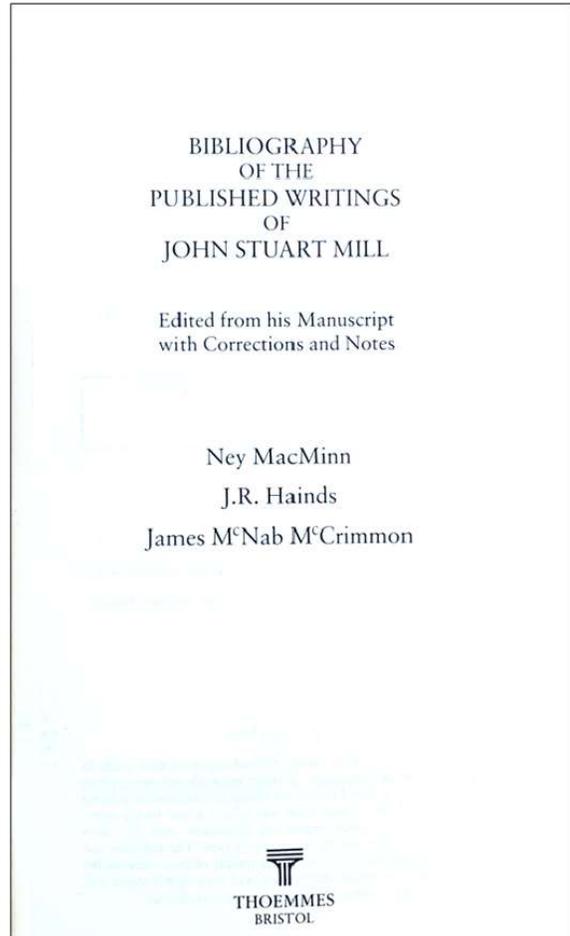
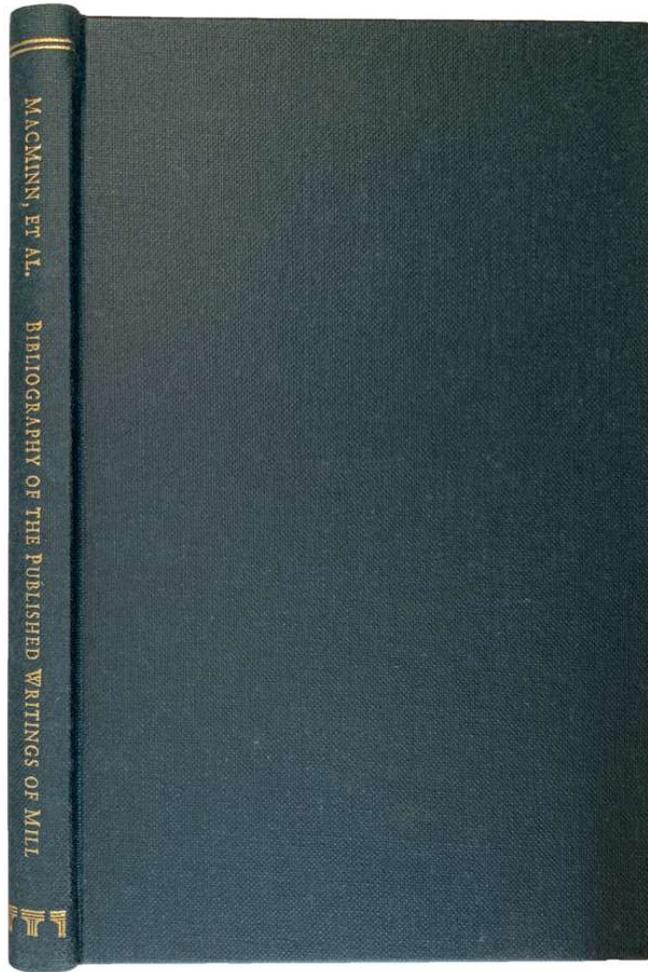


1461 **MATHEWS, Edward B.** (comp.). *Catalogue of Published Bibliographies in Geology, 1896-1920*. Washington, D.C.: National Research Council of the NAS, 1923. ¶ Series: *Bulletin of the National Research Council*, Vol. 6, Part 5, October, 1923, No. 36. 8vo. 228, ads. [4] pp. Index. Printed wrappers. Former library copy. Very good. \$ 5



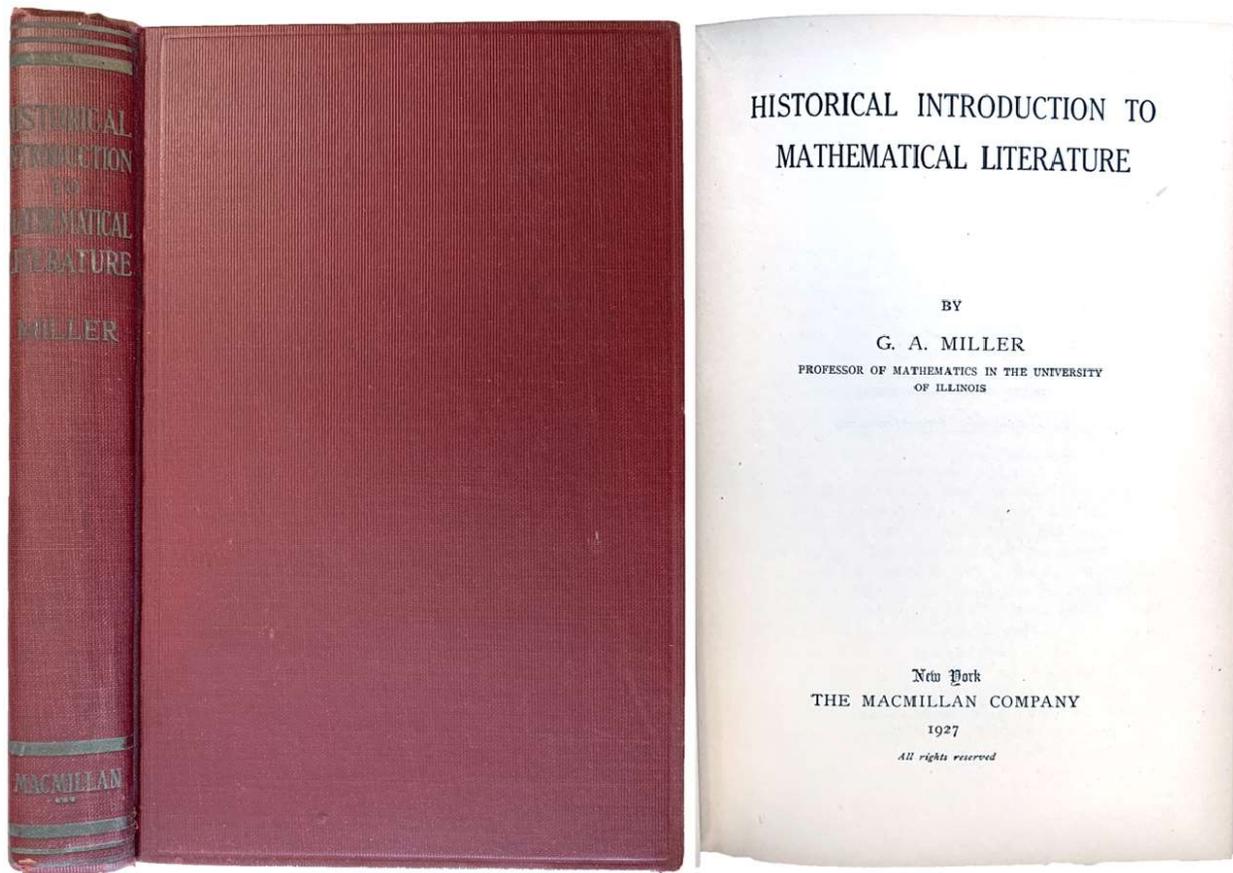
1467 **MAYNARD, George S.** (comp.). *Storage Batteries: A List of References, 1900-1915*. New York: New York Public Library, 1915. ¶ Offprint. 8vo. 37 pp. Indexes. Printed wrappers. Very good. \$ 5

Includes 630 titles with complete citations.



1473 [MILL, John Stuart (1806-1873)] MacMINN, Ney, J.R. HAINDS & James McNab McCRIMMON (eds.). *Bibliography of the Published Writings of John Stuart Mill. Edited from his Manuscripts, with Corrections and Notes.* Bristol: Thomemmes, (1990). ¶
Reprint of the 1945 edition. 8vo. xiv, 101 pp. Dark blue cloth, gilt-stamped spine title. Fine. \$ 10

Chronological bibliography from 1822 to 1873.



1474 **MILLER, George Abram** (1863-1951). *Historical Introduction to Mathematical Literature*. New York: Macmillan, 1927. ¶ Second printing. 8vo. xiii, 302 pp. Diagrams, indexes; bottom corner of p. 3 torn (text unaffected). Maroon cloth, gilt-stamped spine title; title rubbed. Very good. \$ 12



CROSSING THE COTTON PONTOON BRIDGE, p. 217.

[1481] MITCHEL

BIBLIOGRAFIA ASTRONOMICA

riguardante pubblicazioni astronomiche dell'Osservatorio del Collegio Romano dal 1803 al 1847.

E. MILLOSEVICH

Gli opuscoli astronomici, pubblicati dagli astronomi dell'Osservatorio del Collegio Romano (vecchio Osservatorio), sono diventati rari, ed una bibliografia delle cose astronomiche in essi contenute pare opportuna. Essa è limitata per ora al periodo dal 1803 al 1847, cioè fino all'epoca della direzione del P. Francesco Vico. Note e notizie astronomiche non rimesse, come pure si erigono Note astronomiche di astronomi dell'Osservatorio non pubblicate in AIA dell'Osservatorio stesso.

Lo splendido periodo di Angelo Secchi ebbe in varie occasioni pubblicità bibliografica, e d'altra parte l'attività di Secchi è manifestata in un gran numero di periodici scientifici e di AIA d'Accademia all'infuori della pubblicazione interna dell'Osservatorio, e però la bibliografia riguardante l'illustre Egoismo deve essere trattata a parte o in modo particolare.

Ch. P. ANSELMO SOCIOLI, *Die Lebens und Wirksamkeit aus dem neuzeitlichen Jahrbuch der Vort. Det. JOSEPH POELLER, Zweite Auflage, Köln, 1904 (pag. 208-288).*

CALABRELLI GIUSEPPE. « Opuscolo primo sopra la latitudine della Spocca del Collegio Romano ». Opuscoli astronomici e falsi, Roma, 1803. (1-48).

— « Opuscolo secondo sulla situazione del piano della Spocca, e delle principali colline di Roma, ecc. » e sulla differenza in latitudine e longitudine delle colline medesima dal meridiano della Spocca ». Opuscoli astronomici e falsi, Roma, 1803. (48-73 con una tavola).

COVATI ANTONIO. « Opuscolo terzo sul passaggio di Mercurio osservato il dì 8 novembre del 1802 ». Opuscoli astronomici e falsi, Roma, 1805. (74-103).

CALABRELLI GIUSEPPE. « Osservazioni e riflessioni sulla parallasse annua dell'« della Lira ». Opuscoli astronomici, Roma, 1808. (1-66 con una tavola).

COVATI ANTONIO. « Osservazione d'Erano nell'anno 1805 ». Opuscoli astronomici, Roma, 1806. (89-91).

COVATI ANTONIO. « Osservazione degli elementi dell'orbita d'Erano su cui la tavola dell'« Osservazione d'Orion non contratta ». Opuscoli astronomici, Roma, 1806. (92-107).

— « Edisse solare osservata il dì 16 giugno del corrente anno 1806 ». Opuscoli astronomici, Roma, 1806. (108-118).

CALABRELLI GIUSEPPE. « Solertio » tratta del problema delle alleanze corrispondenti, ecc. » Opuscoli astronomici, Roma, 1806. (117-156 con una tavola).

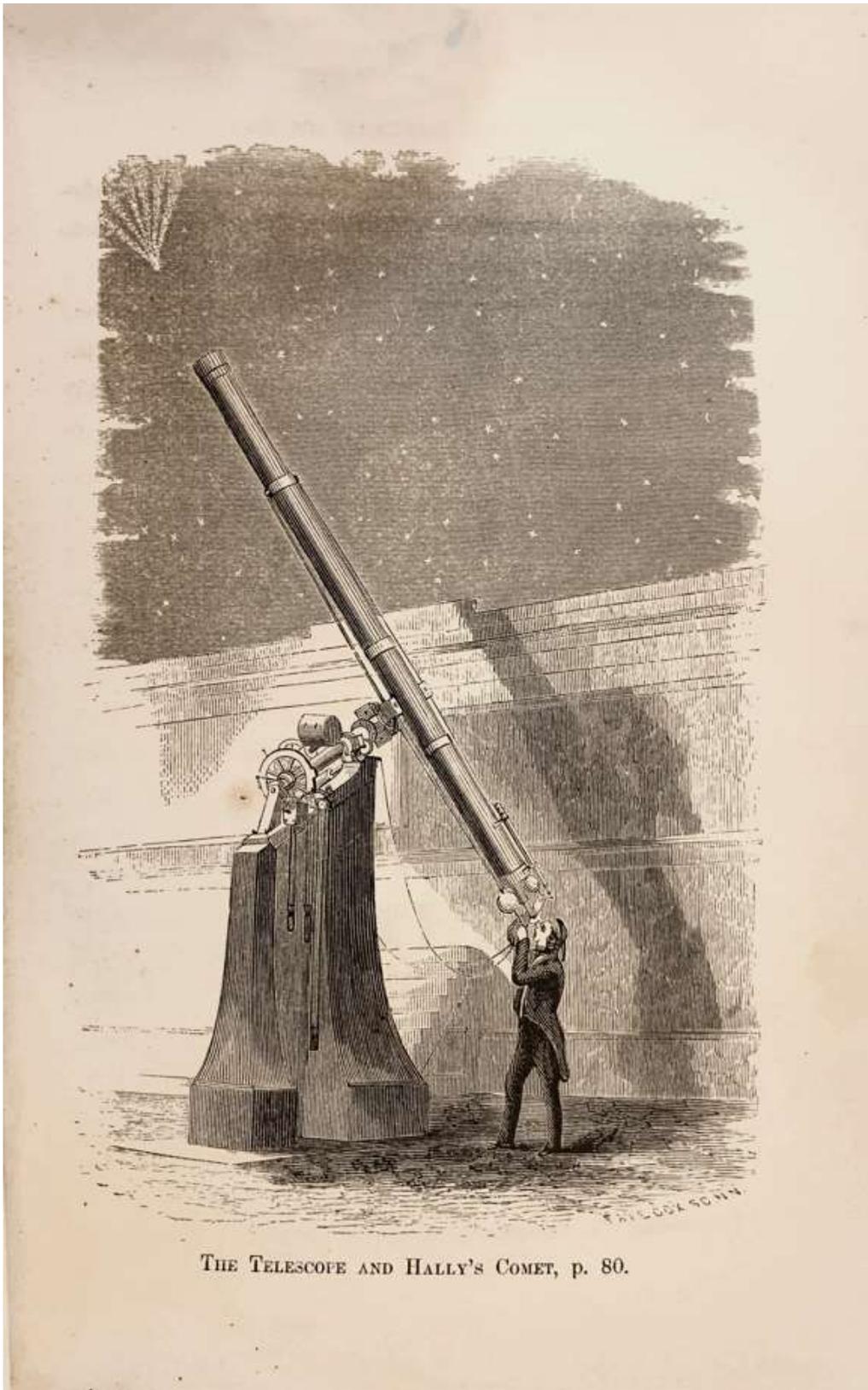
COVATI ANTONIO. « Tavola del passaggio contratta per la latitudine della Spocca del Collegio Romano ». Opuscoli astronomici, Roma, 1806. (157-200).

CALABRELLI GIUSEPPE. « Osservazioni e riflessioni sopra la cometa del settembre, anno 1807 ». Opuscoli astronomici, Roma, 1808. (2-76).

1478 MILLOSEVICH, Elia Filippo Francesco (1848-1919). *Bibliografia Astronomica: Riguardante Pubblicazioni Astronomiche dell'Osservatorio del Collegio Romano dal 1803 al 1847*. [No place given]: [No publisher or date]. ¶ (265 x 200 mm). [4] pp.

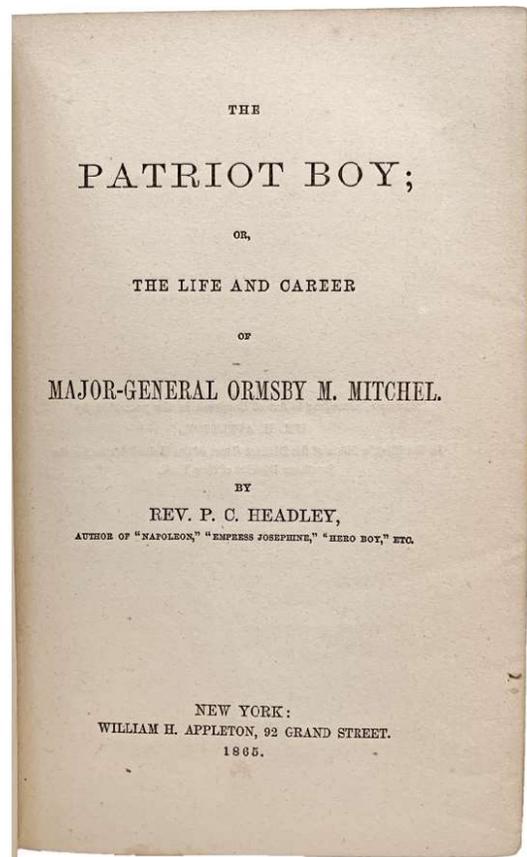
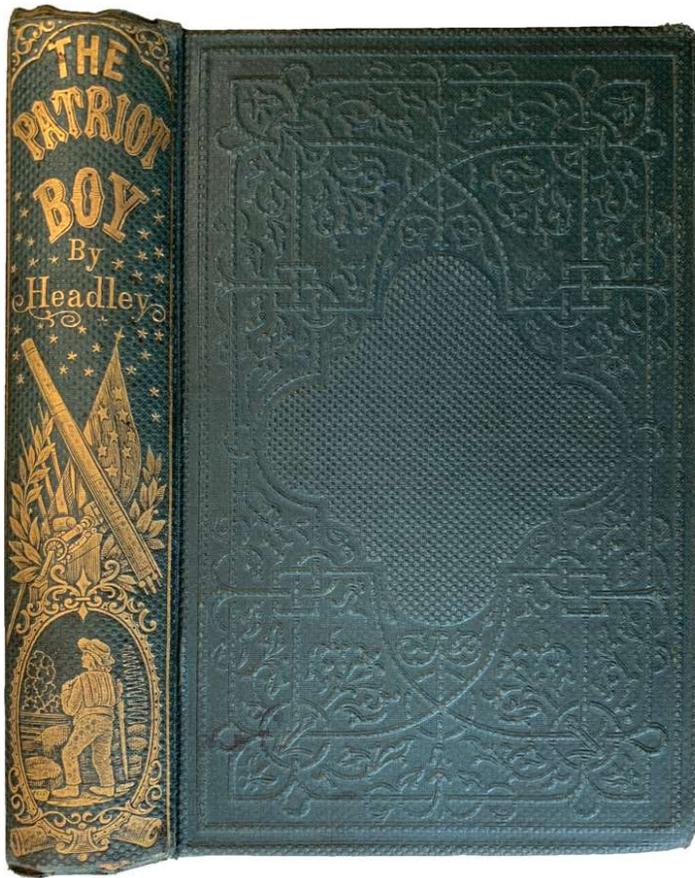
Pages extracted from covers and loose. Very good. \$ 10

Astronomical Bibliography: Astronomical Publications of the Observatory of the Collegio Romano [Roman College] from 1803 to 1847.

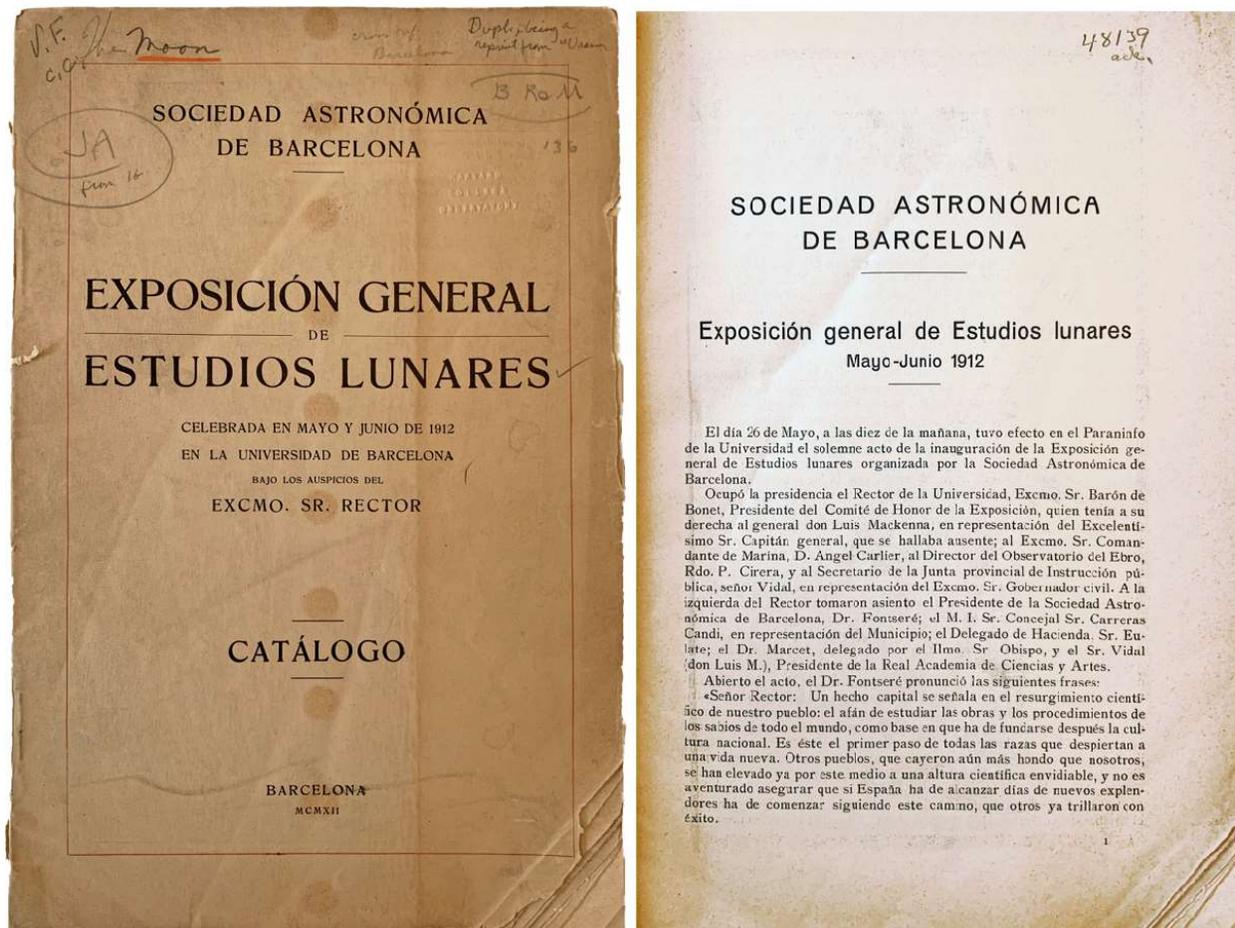


THE TELESCOPE AND HALLY'S COMET, p. 80.

[1481] MITCHEL

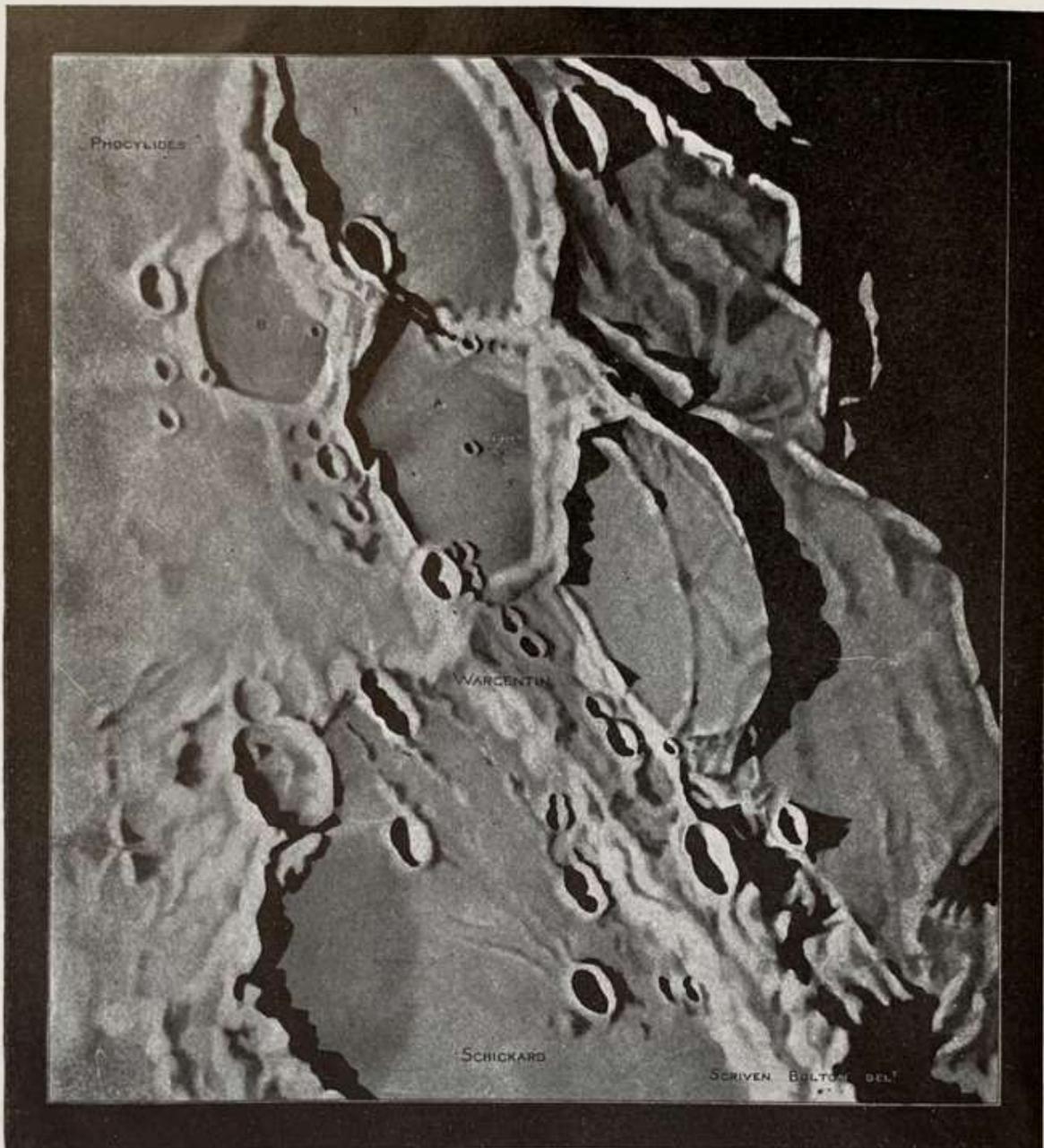


1481 [MITCHEL, Ormsby MacKnight (1809-1862)] HEADLEY, Phineas Camp (1819-1903). *The Patriot Boy; or, the Life and Career of Major-General Ormsby M. Mitchel*. New York: William H. Appleton, (1865). ¶ Series: *Young American's History of Modern Heroes*. 12mo. ads. 4, 278 pp. Double frontis. with tissue guard, 3 plates, 1 fig.; some foxing. Dark green cloth, embossed decorative cover design, gilt-stamped spine title and illustration. Penciled ownership signature and inscription. Very good (a lovely copy). \$ 50



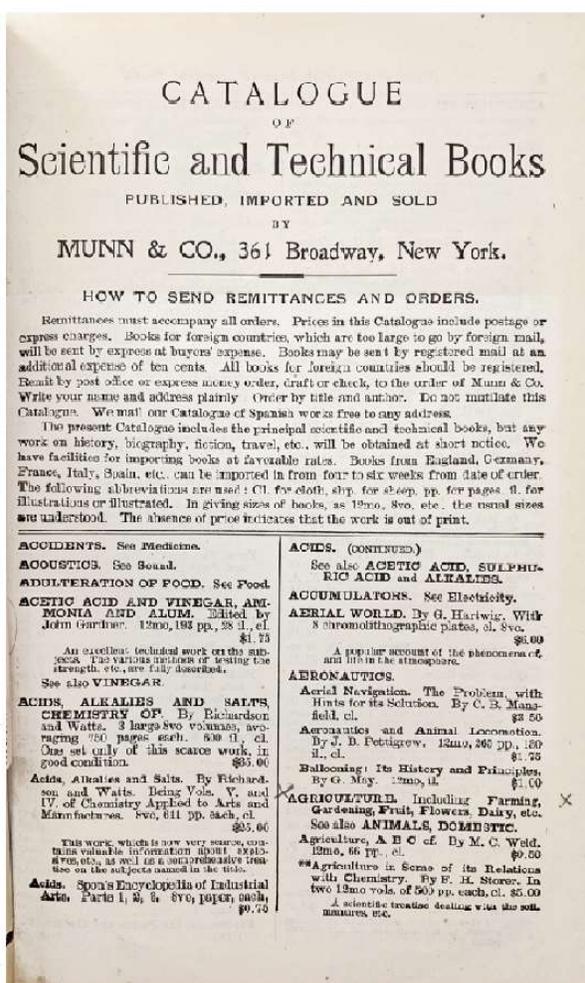
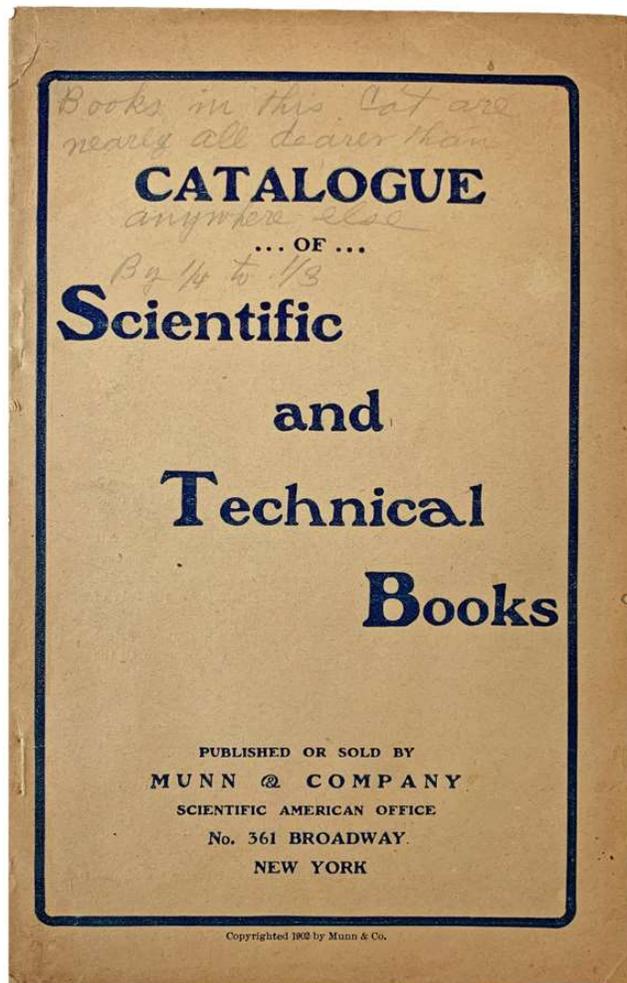
1488 [Moon] RAURICH, Salvador. *Exposición General de Estudios Lunares. Celebrada en Mayo y Junio de 1912 en la Universidad de Barcelona. Bajo los Auspicios del Excmo. Sr. Rector. Catalogo.* Barcelona: Sociedad Astronómica de Barcelona, 1912. ¶ Small 4to. ads. [4], (531)-604, ads. [10] pp. 42 unnumbered back to back half-tone plates (including 54 images), index. Printed wrappers; wrappers browned and soiled, spine chipped with pieces missing, bottom corner of front cover and many pages throughout sliced off (text and plates unaffected). Blind stamp of the Harvard College Observatory. Fair. RARE. \$ 50

Well-illustrated and unusual record of astronomical exhibition put together by the amateur astronomers of Barcelona including an interesting assortment of instrument ads.

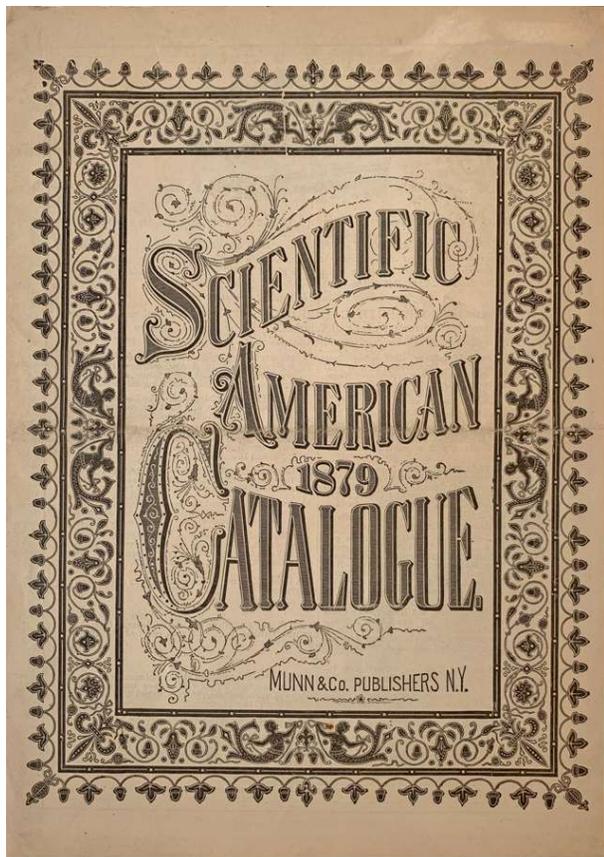


Wargentín. Observación y dibujo del Sr. Scriven Bolton

1488 [Moon] RAURICH



1494 Munn & Company. *Catalogue of Scientific and Technical Books*. New York: Munn, 1902. ¶ 8vo. 109, ads. [7] pp. Index. Printed wrappers; spine a bit worn. Pencil notation on front cover. Very good. Rare. \$ 8



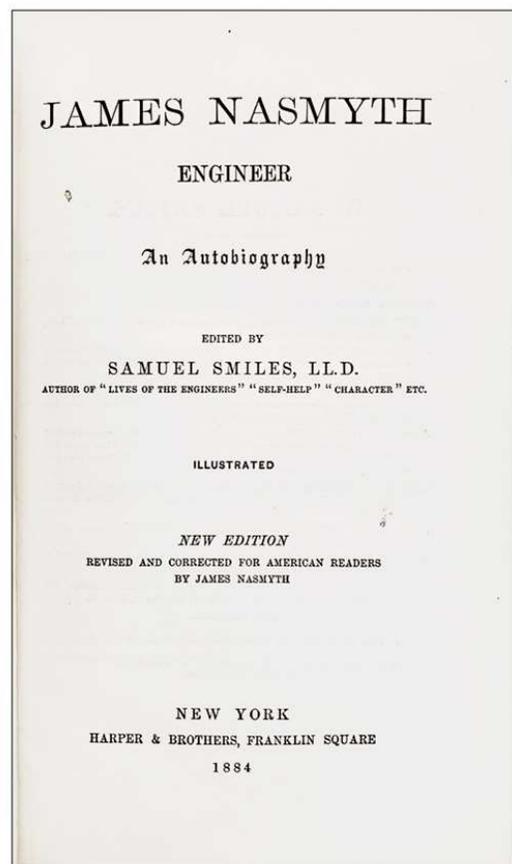
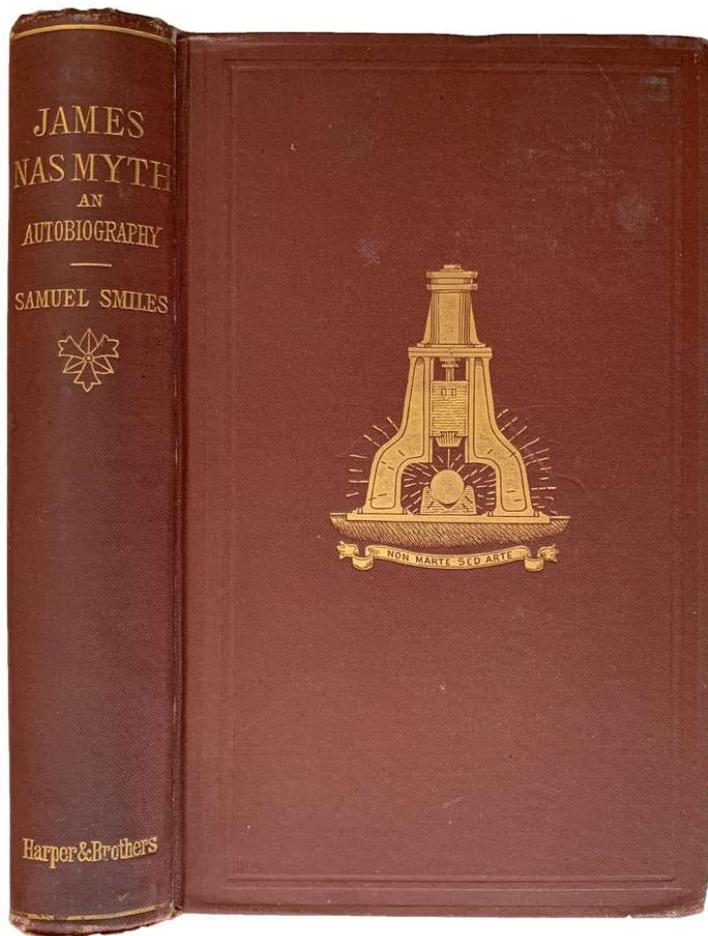
1495 Munn & Co. *Scientific American Catalogue*. 1879. New York: Munn, 1879. ¶ 8vo. [12] pp. Printed wrappers; spine starting to split. Generally very good. \$ 10

SOME CATCH-WORDS FOR THE STORIES: "Strong and Cheap Spar Bridges", "Californian Mining Stamps", "Rock-Boring Machinery", "The Kentucky River Bridge", "Cleopatra's Needle – it's removal from Egypt to England", "Dredging and Ditching Machinery", "Blossom Rock, Harbor of San Francisco."



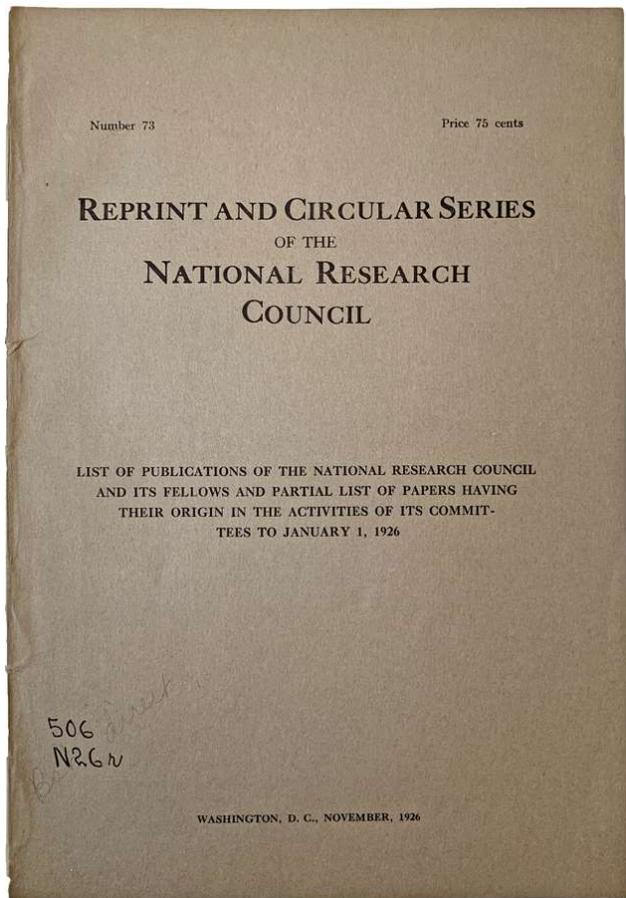
EDINBURGH CASTLE, FROM THE VENNEL, GRASSMARKET. BY ALEXANDER NASMYTH.

1498 NASMYTH



1498 **NASMYTH, James Hall** (1808-1890); **SMILES, Samuel** (ed.). *James Nasmyth, Engineer: An Autobiography. Illustrated. New Edition, Revised and Corrected for American Readers by James Nasmyth.* New York: Harper & Brothers, 1884. ¶ 8vo. xvii, 461, ads. [2] pp. Frontis. port. of Nasmyth, plates, illustrations, index. Brown cloth, gilt-stamped cover illustration and spine title; extremities rubbed with a few stains. Very good. \$ 35

The standard, thorough, but dated account of this important industrialist, astronomer, and instrument-maker.



73

PART III. LIST OF PUBLICATIONS OF THE NATIONAL RESEARCH COUNCIL AND ITS FELLOWS AND PARTIAL LIST OF PAPERS HAVING THEIR ORIGIN IN THE ACTIVITIES OF ITS COMMITTEES TO JANUARY 1, 1926

The following list of the publications of the National Research Council and of its Fellows, and of other publications having their origin in the activities of its Committees, is a revision and extension of the list which appeared as Reprint and Circular Series Number 25 (February, 1922). It has been compiled with the cooperation of the chairmen and members of the Committees of the Council, and while it is not claimed that it is complete, it presents a fairly comprehensive view of the activities of the National Research Council, in so far as they are represented by published contributions, during the ten years of its existence.

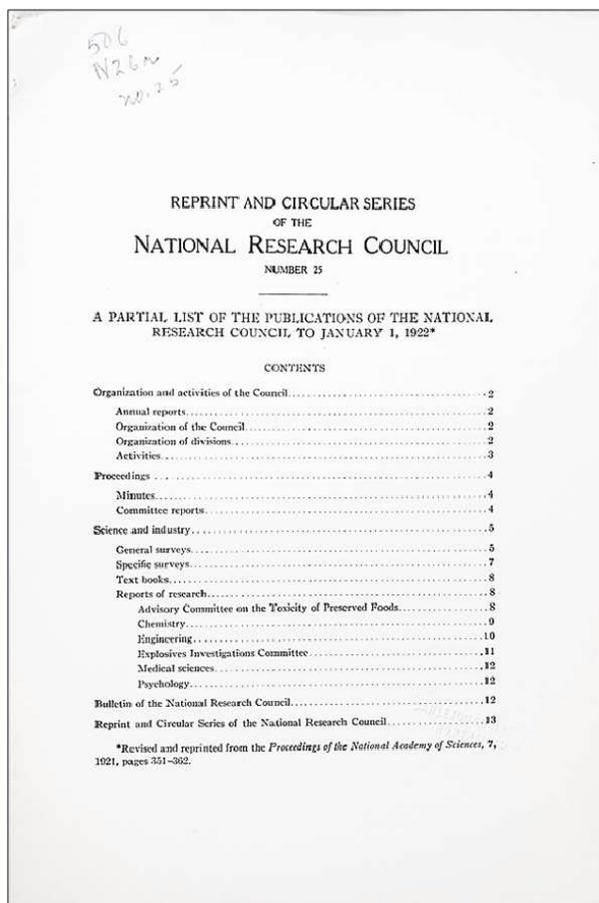
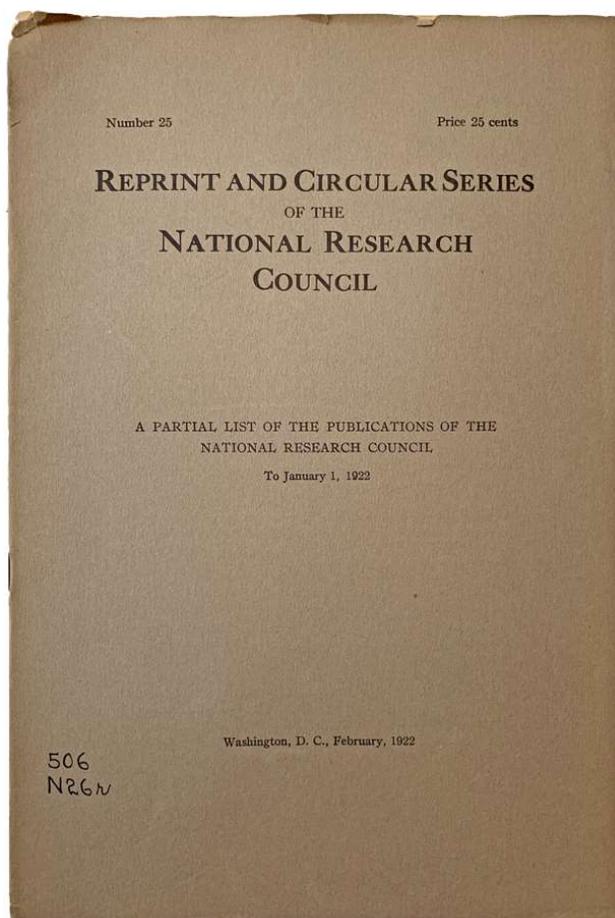
The Bulletin is published at irregular intervals. The subscription price, postpaid, is \$5.00 per volume of approximately 500 pages. Separate copies of the Bulletins or of the Reprint and Circular Series may be obtained, at the prices quoted, from the Publications Office of the National Research Council. Other publications listed herein are not available for distribution from this office, except as indicated by an asterisk.

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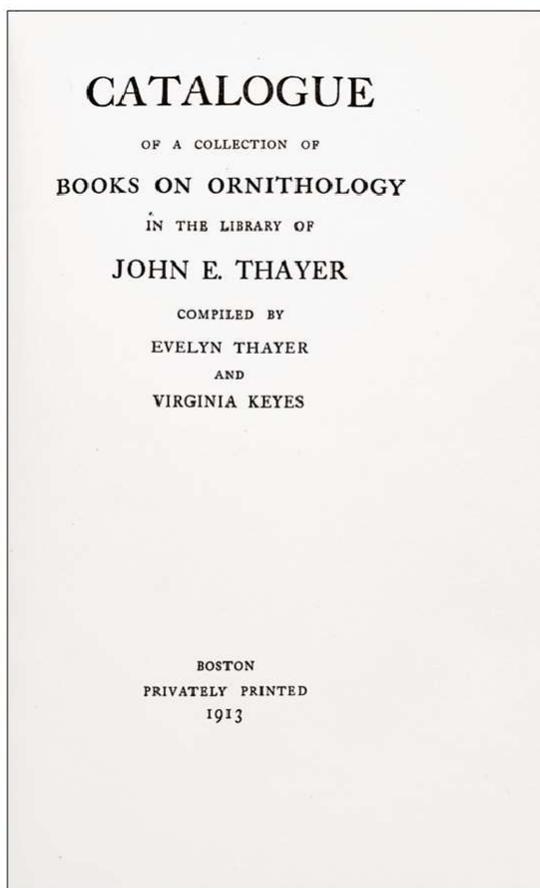
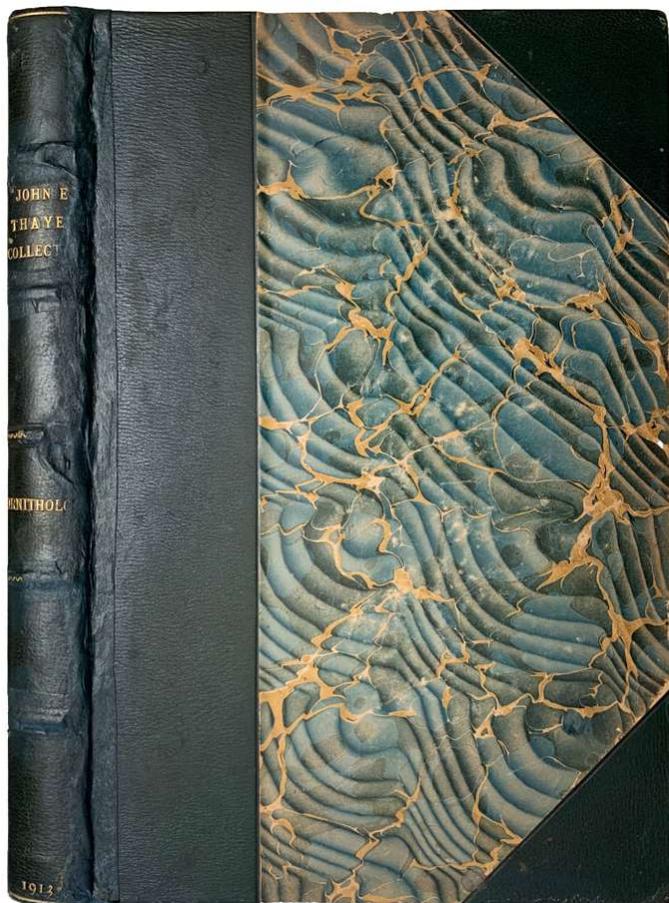
(1)

1499 **National Research Council.** *List of Publications of the National Research Council and Its Fellows and Partial List of Papers Having Their Origin in the Activities of Its Committees to January 1, 1926.* Washington, D.C.: National Research Council, 1926. ¶ Series: Reprint and Circular Series of the National Research Council, No. 73. 8vo. 70 pp. Printed wrappers; spine ends chipped. Former library copy with the usual markings. Very good. \$ 7

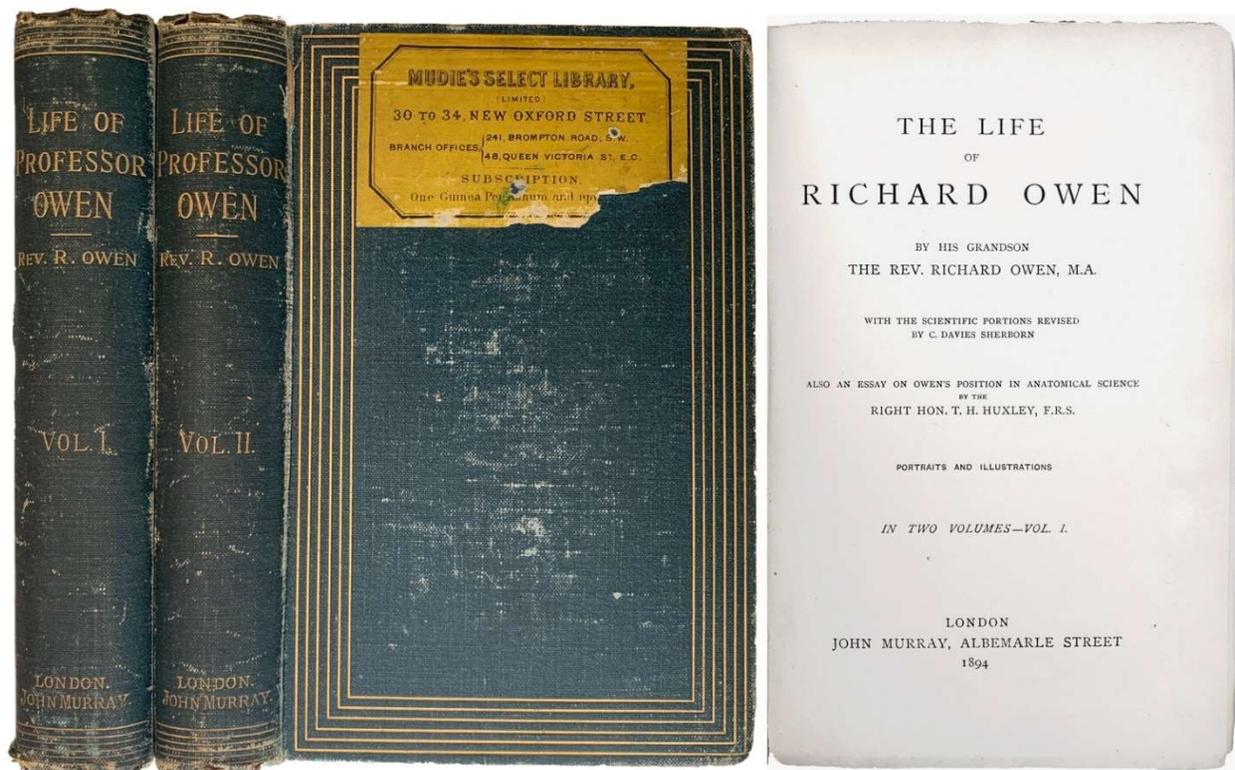


1500 **National Research Council.** *A Partial List of the Publications of the National Research Council.* Washington, D.C.: National Research Council, 1922. ¶ Series: Reprint and Circular Series of the National Research Council, No. 25. 8vo. 15 pp. Printed wrappers; covers a bit worn, top spine end starting. Former library copy with the usual markings. Very good. \$ 5

Revised and reprinted from the *Proceedings of the National Academy of Sciences*, 7, 1921, pp. 351-362.

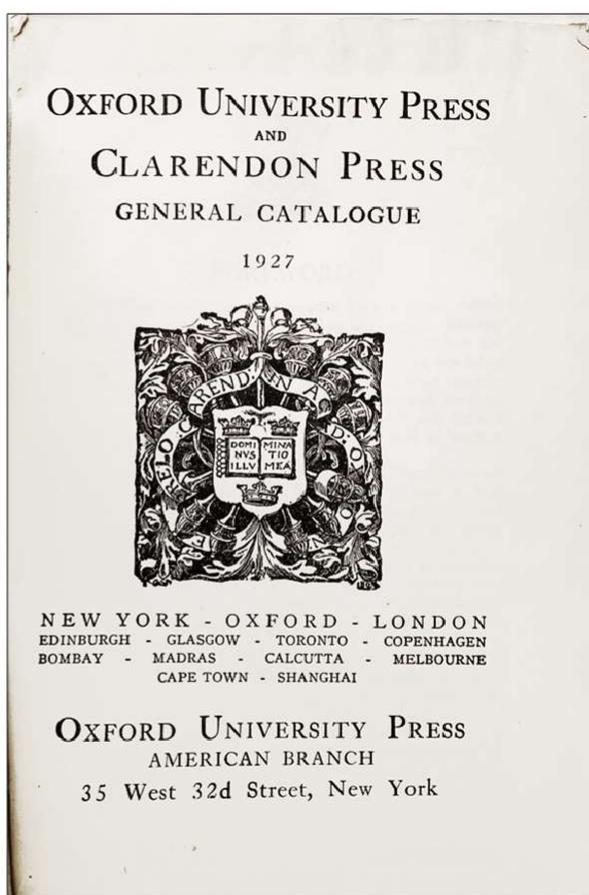
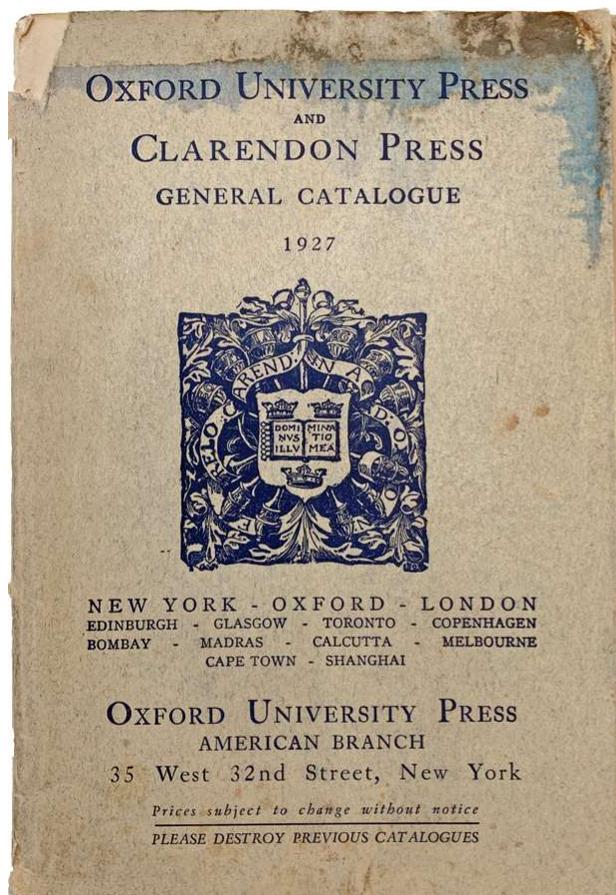


1527 [Ornithology] THAYER, Evelyn & Virginia KEYES (comps.). *Catalogue of a Collection of Books on Ornithology in the Library of John E. Thayer*. Boston: Privately Printed, 1913. ¶ First printing. 8vo. 186, addenda [1] pp. Early half dark blue morocco with marbled paper sides, gilt-stamped spine title with raised bands, t.e.g.; outer front spine hinge mended with kozo (still tightly bound). Very good. RARE. \$ 35

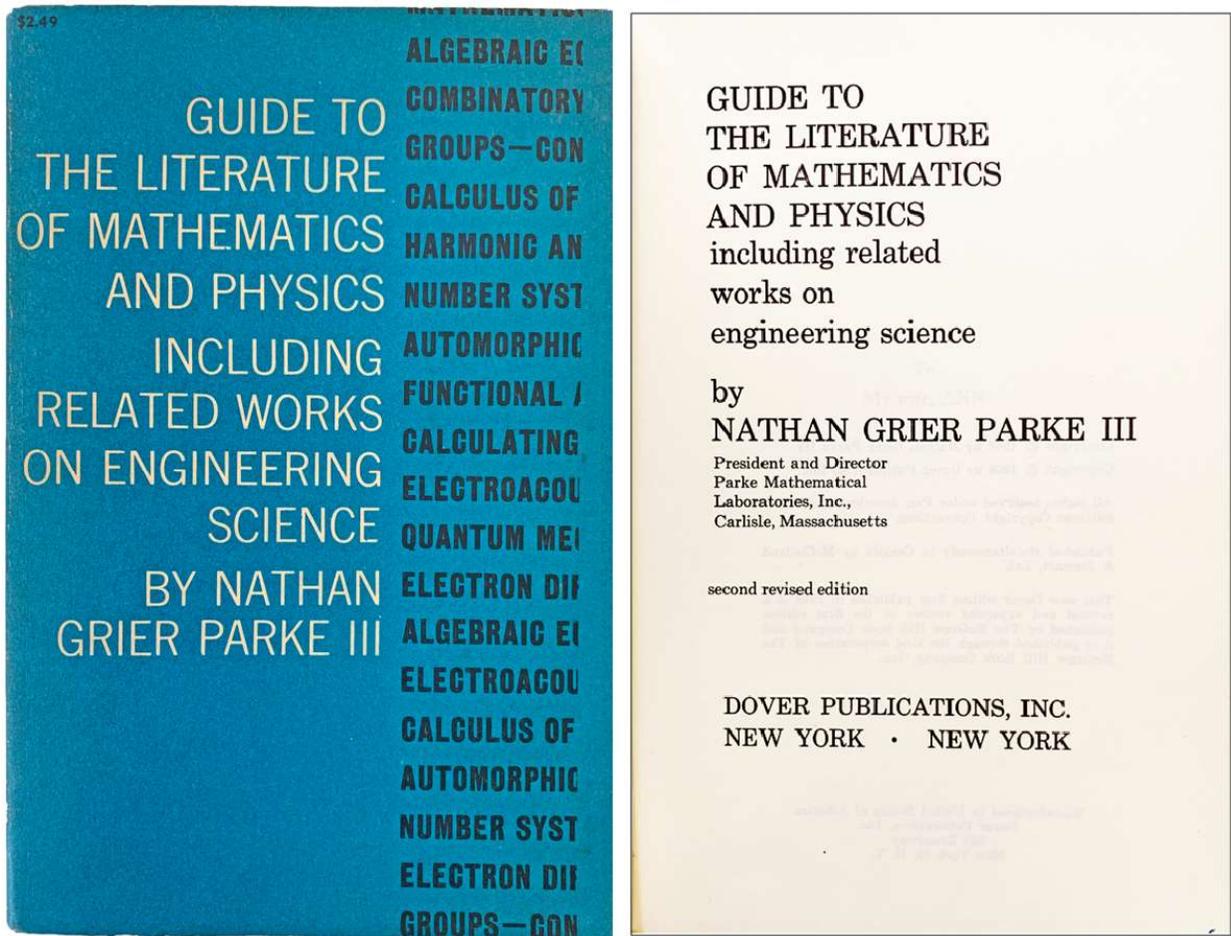


1529 [OWEN, Richard (1804-1892)] OWEN, Richard (Owen's grandson). *The Life of Richard Owen. With the Scientific Portions Revised by C. Davies Sherborn. Also an Essay on Owen's Position in Anatomical Science by the Right Hon. T.H. Huxley, F.R.S. Portraits and Illustrations.* In Two Volumes. London: John Murray, 1894. ¶ Two vols. FIRST EDITION. 8vo. 15, (16), 409, ads. 2; 7, (8), 393, ads. 2 pp. Frontis. (both vols.), plates, illustrations, index. Dark green cloth, gilt-ruled covers and spine titles; extremities very rubbed, inner hinges cracked. Former library copy with the usual markings and defects (including large library sticker on front cover of both vols.). Fair. RARE. \$ 100

This set has seen some serious usage over the years, but is still in usable condition. Bibliography gives minimal but very useful collations.



1530 **Oxford University Press.** *Oxford University Press and Clarendon Press General Catalogue 1927.* New York: Oxford University Press, American Branch, (1927). ¶ 8vo. ii, 982 pp. Illustrations, index. Printed wrappers; covers stained, spine ruffled, front top spine corner torn. Fair. Scarce. \$ 5

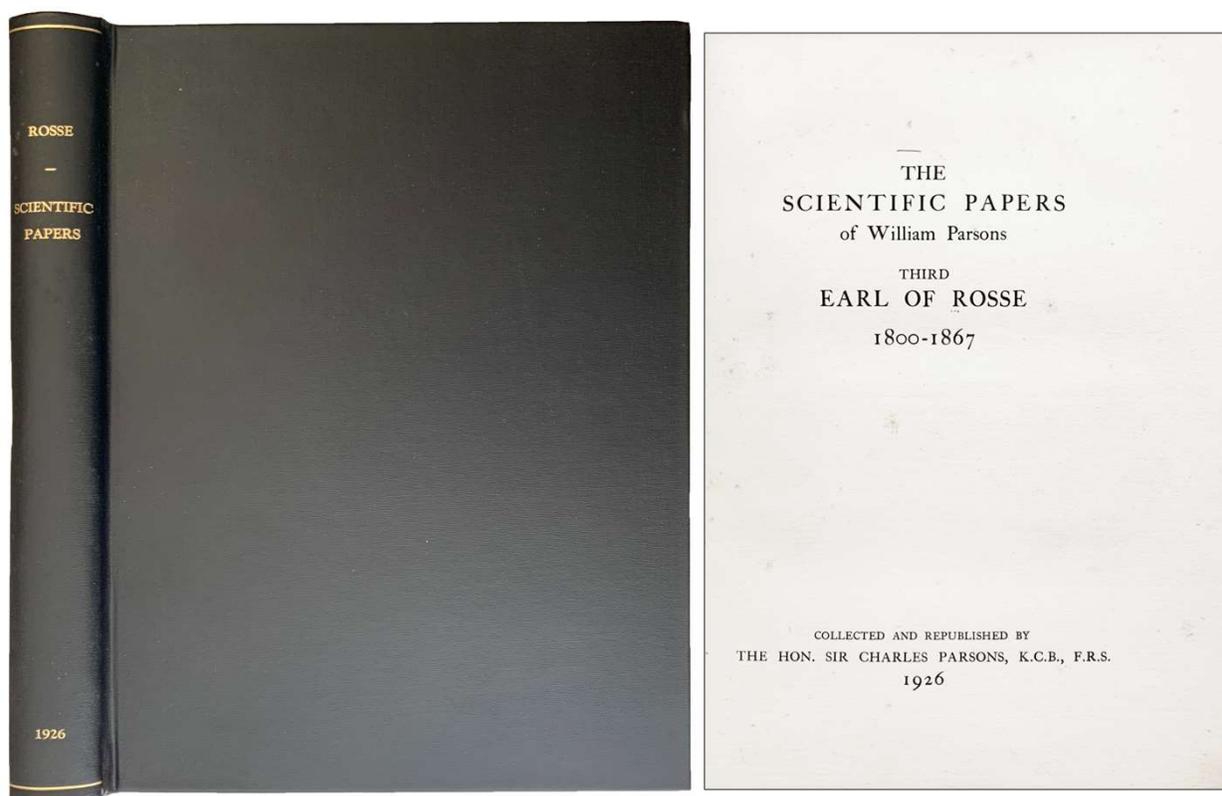


1533 **PARKE, Nathan Grier** (1912-1990). *Guide to the Literature of Mathematics and Physics Including Related Works on Engineering Science*. New York: Dover, (1958). ¶ Second Revised Edition. 8vo. xviii, 436, ads. [16] pp. Plates, indexes. Printed wrappers. Very good. \$ 4.95

Includes over 5,000 citations.

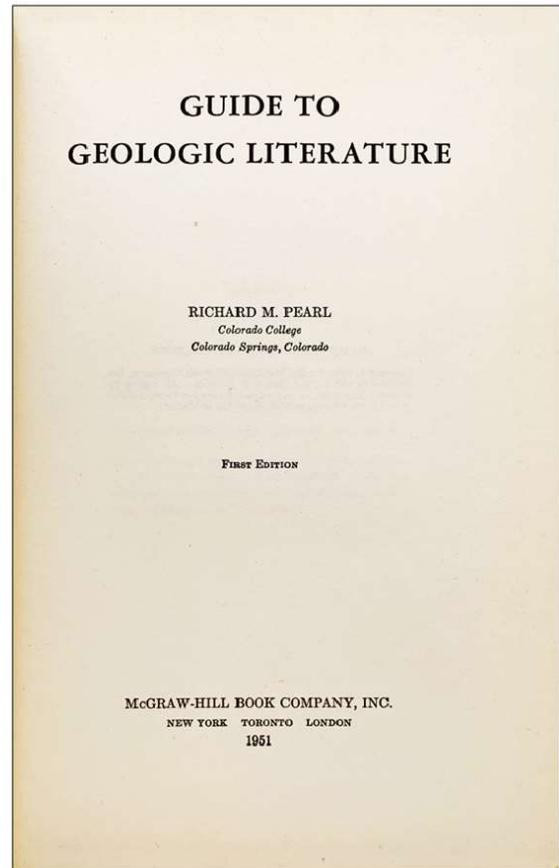
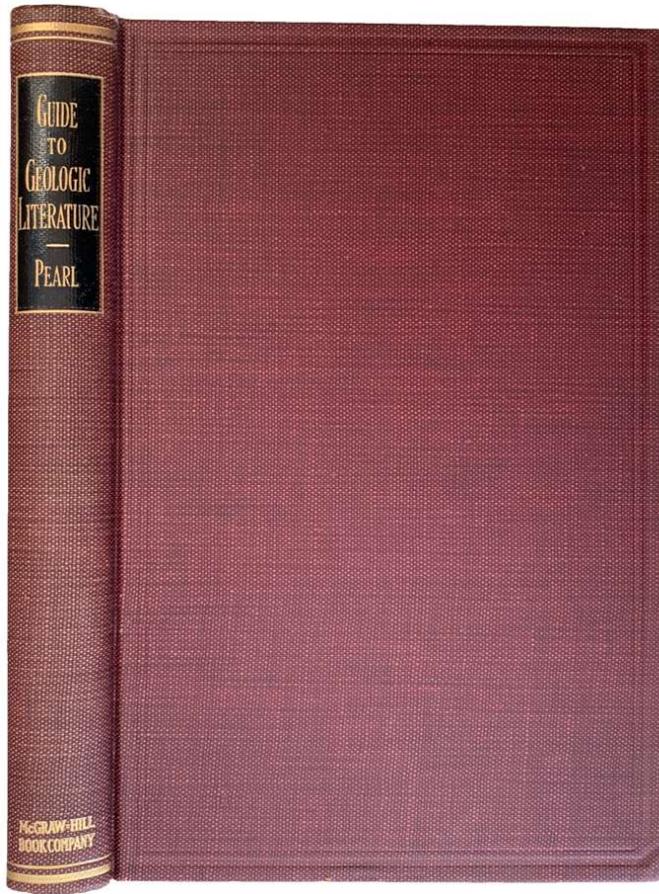


[1534] PARSONS



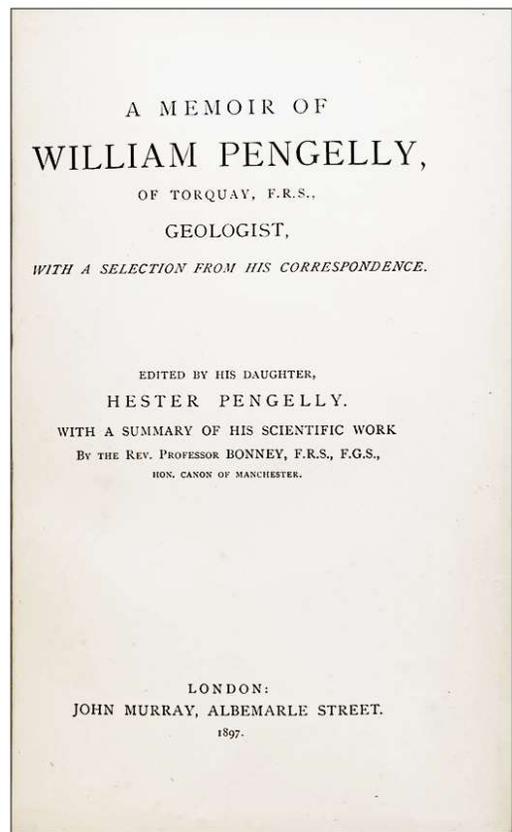
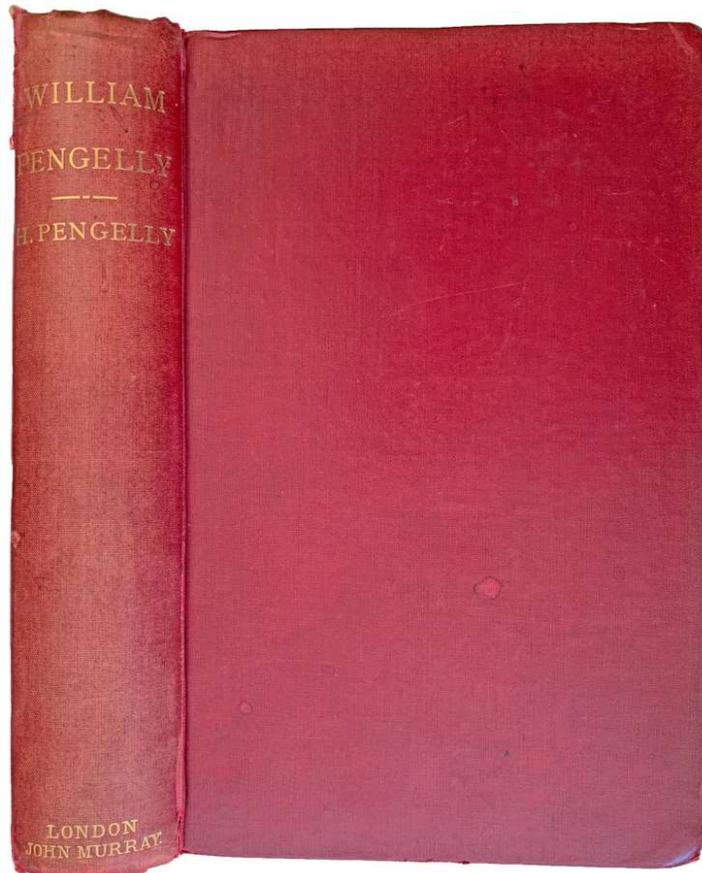
1534 **PARSONS, William, 3rd Earl of Rosse** (1800-1867). *The Scientific Papers of William Parsons, Third Earl of Rosse, 1800-1867*. (London): Collected and Republished by the Hon. Sir Charles Parsons, 1926. ¶ 4to. (v), blank [1], 221 pp. Plates, charts; some minor foxing. Rebound professionally in handsome black cloth, gilt-stamped spine title. Near fine. \$ 150

A compilation of all of Rosse's (William Parsons) published work. The Earl of Rosse pioneered observation of faint detail in nebulae including the spiral structure of galaxies, with his self-built telescope at Birr Castle in Ireland. Charles Parsons, his descendant, published these papers privately, and is better known as the inventor of the steam turbine - he built the engines for the Titanic based on this design.



1537 **PEARL, Richard Maxwell** (1913-1980). *Guide to Geological Literature*. New York, Toronto, London: McGraw-Hill, 1951. ¶ 8vo. xi, 239 pp. Index. Burgundy cloth, gilt-stamped black spine label. Bookplates. Very good +. \$ 15

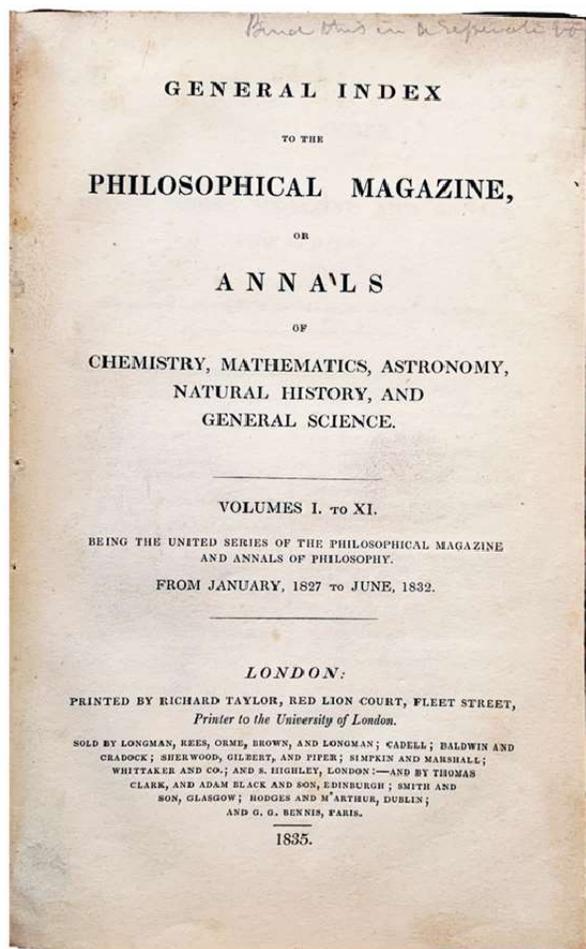
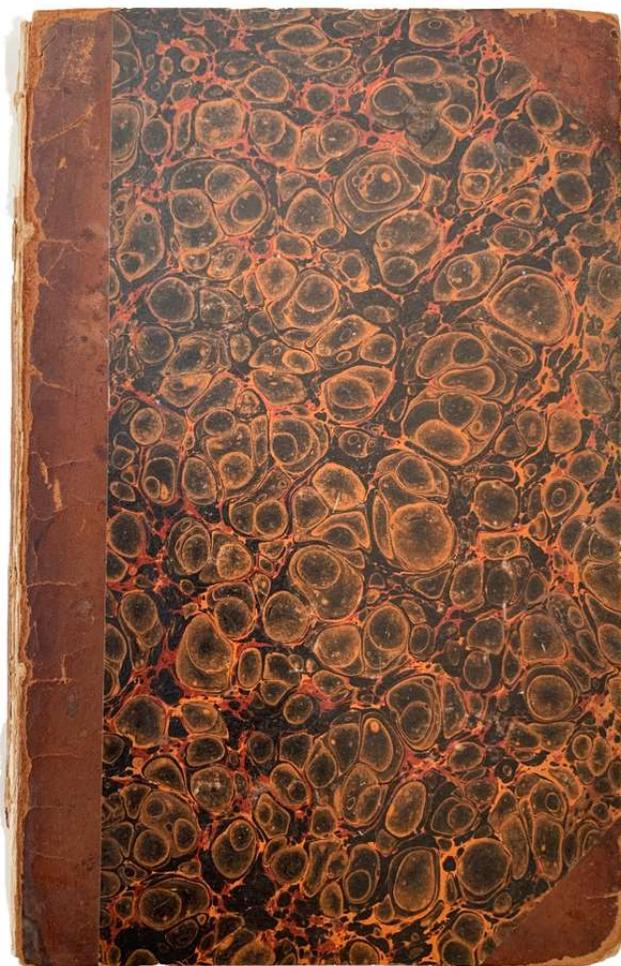
FIRST EDITION. Printer's error on pp. 118-119 and 122-123 (text still legible).



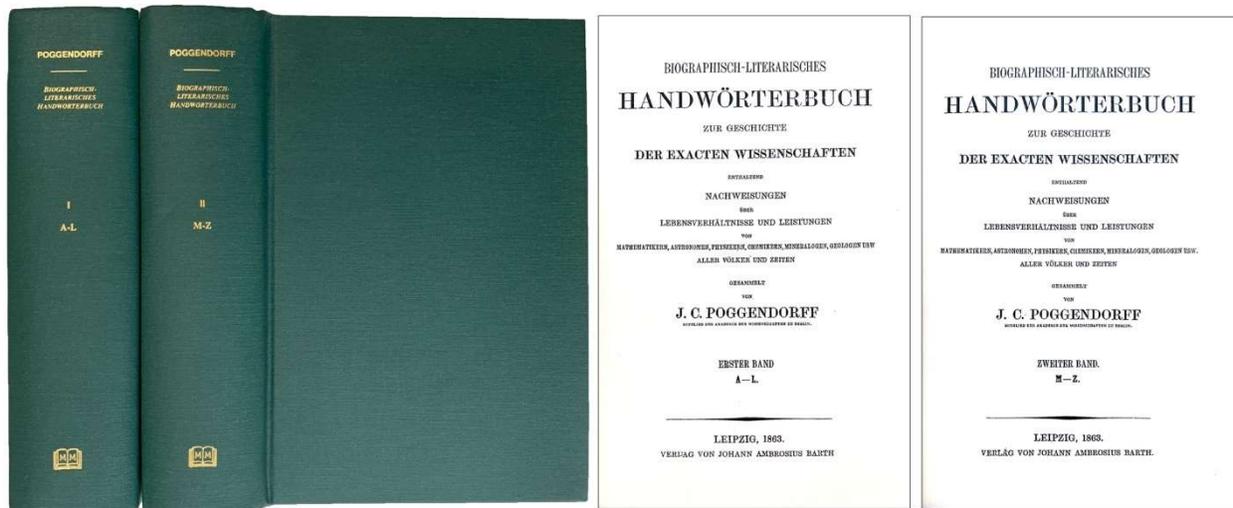
Signed presentation copy from the editor (Pengelly's daughter)

1540 [PENGELLY, William (1812-1894)] JULIAN, Hester [nee PENGELLY] (ed.). *A Memoir of William Pengelly, of Torquay, F.R.S., Geologist, with a Selection from His Correspondence. With a Summary of His Scientific Work by the Rev. Professor Bonney*. London: John Murray, 1897. ¶ 8vo. x, (xi), 341 pp. Gravure frontis. port. of Pengelly with facsimile autograph and tissue guard, 10 plates, index. Maroon cloth, gilt-stamped spine title; cloth torn around spine ends, extremities a bit rubbed with small water-stain to front cover, inner hinges cracked. Good +. \$ 50

First edition. Signed presentation copy from the editor (Pengelly's daughter): "From the Writer, Hester Julian." Pengelly, as his correspondence reveals, was an active correspondent with many of the great and minor scientific people of his day, including a number of astronomers. Hester Pengelly married Henry Forbes Julian, who perished on the Titanic.

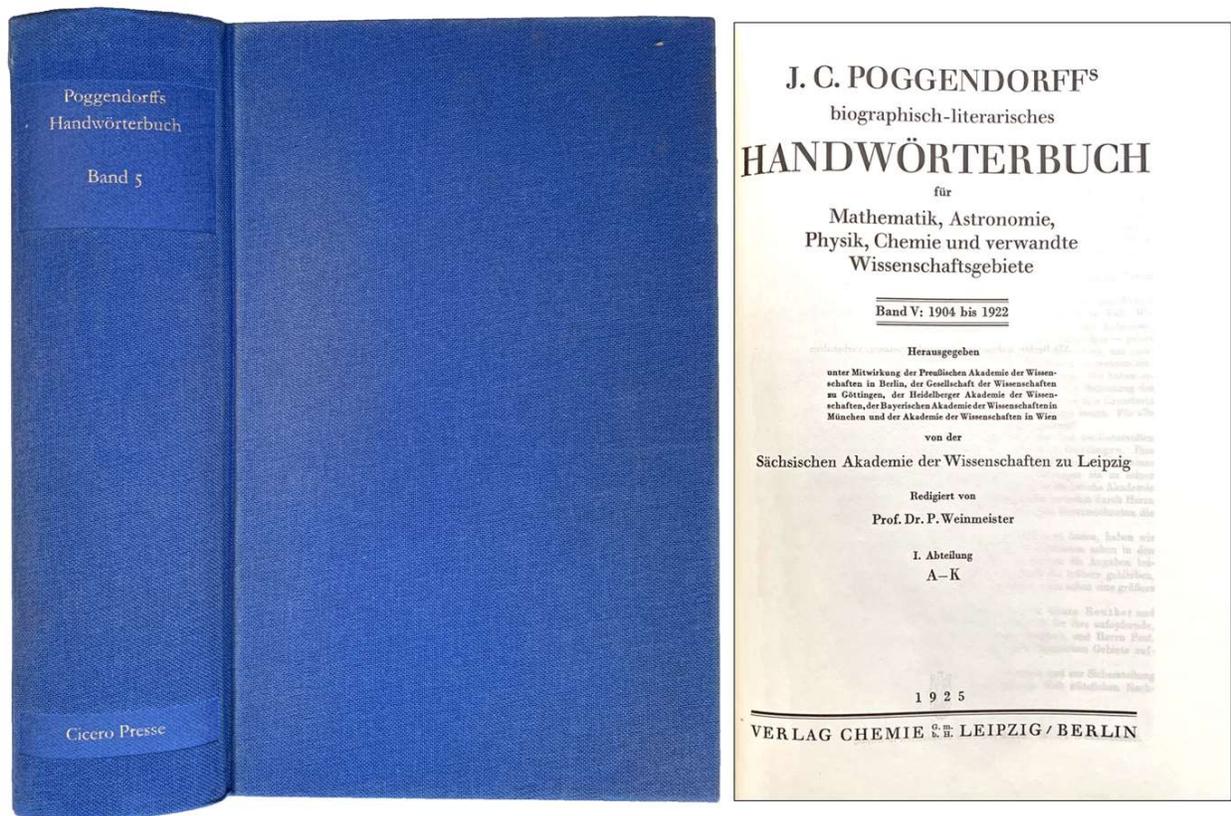


1543 [**Philosophical Magazine, 1827-1832**]. *General Index to the Philosophical Magazine, or Annals of Chemistry, Mathematics, Astronomy, Natural History, and General Science. Volumes I. to XI. Being the United Series of the Philosophical Magazine and Annals of Philosophy. From January, 1827 to June, 1832.* London: Richard Taylor, 1835. ¶ Small 4to. 50, ad. [1] pp. Half brown leather with corners and marbled paper sides; extremities worn, front cover detached, spine mostly missing (pages still bound), endpapers foxed and water-stained. Good. \$ 25



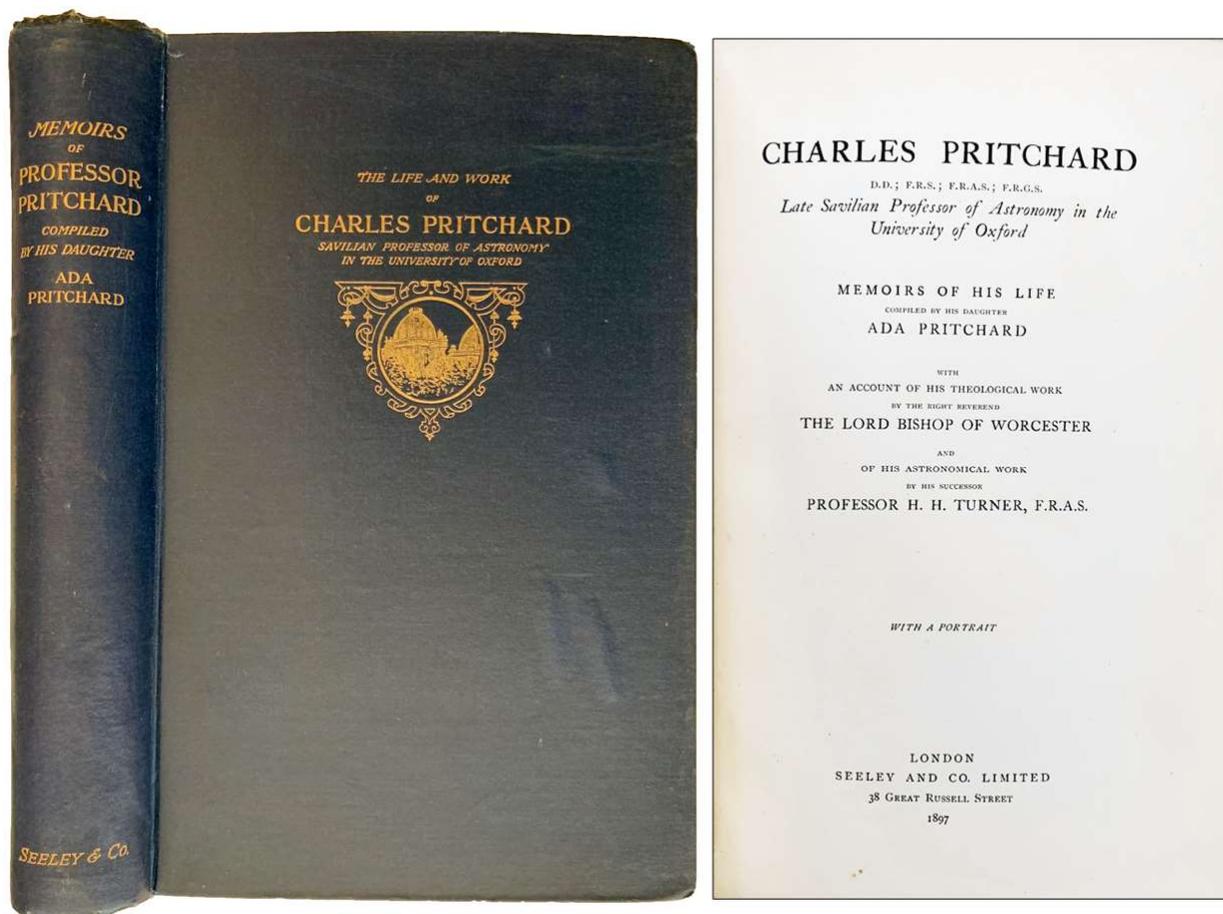
1545 **POGGENDORFF, Johann Christian** (1796-1877), et al. (eds.). *Biographisch-Literarisches Handwörterbuch zur Geschichte der Exakten Wissenschaften Enthaltend Nachweisungen über Lebensverhältnisse und Leistungen von Mathematikern, Astronomen, Physikern, Chemikern, Mineralogen, Geologen usw Aller Völker und Zeiten*. 2 Volume Set. [WITH:] J.C. Poggendorff's *Biographisch-Literarisches Handwörterbuch zur Geschichte der Exakten Wissenschaften Enthaltend Nachweisungen über Lebensverhältnisse und Leistungen von Mathematikern, Astronomen, Physikern, Chemikern, Mineralogen, Geologen usw Aller Völker und Zeiten*. *Dritter Band (1858-1883)*. 2 volume set. [WITH:] J.C. Poggendorff's *Biographisch-Literarisches Handwörterbuch zur Geschichte der Exakten Wissenschaften Enthaltend Nachweisungen über Lebensverhältnisse und Leistungen von Mathematikern, Astronomen, Physikern, Chemikern, Mineralogen, Geologen usw Aller Völker und Zeiten*. *Vierter Band (Die Jahre 1883 bis zur Gegenwart Umfassend)*. 2 volume set. [IN ALL: 6 vols.]. (Mansfield Centre, CT): (Martino, n.d.). ¶ 6 vols. Facsimile reprints of the original 1863 first edition, the 1898 third edition, and the 1904 fourth edition. 8vo. viii, [cols.]: 1584; 1468; viii, 1496; xii, 1718, ads. [2] pp. Green cloth, gilt-stamped spine title. Fine. \$ 85

A set of limited edition reprints.



1546 [Poggendorff] WEINMEISTER, Paul Franz Wilhelm (1856-1927) (ed.). *J.C. Poggendorff's Biographisch-Literarisches Handwörterbuch für Mathematik, Astronomie, Physik, Chemie und verwandte Wissenschaftsgebiete. Band V: 1904 bis 1922*. Two volumes in one. [Garding]: [Cicero Presse, 1997]. ¶ Facsimile reprint of the 1925-1926 fifth edition. Large 8vo. [i], 1424 pp. Blue cloth, gilt-stamped spine title. Near fine. \$ 125

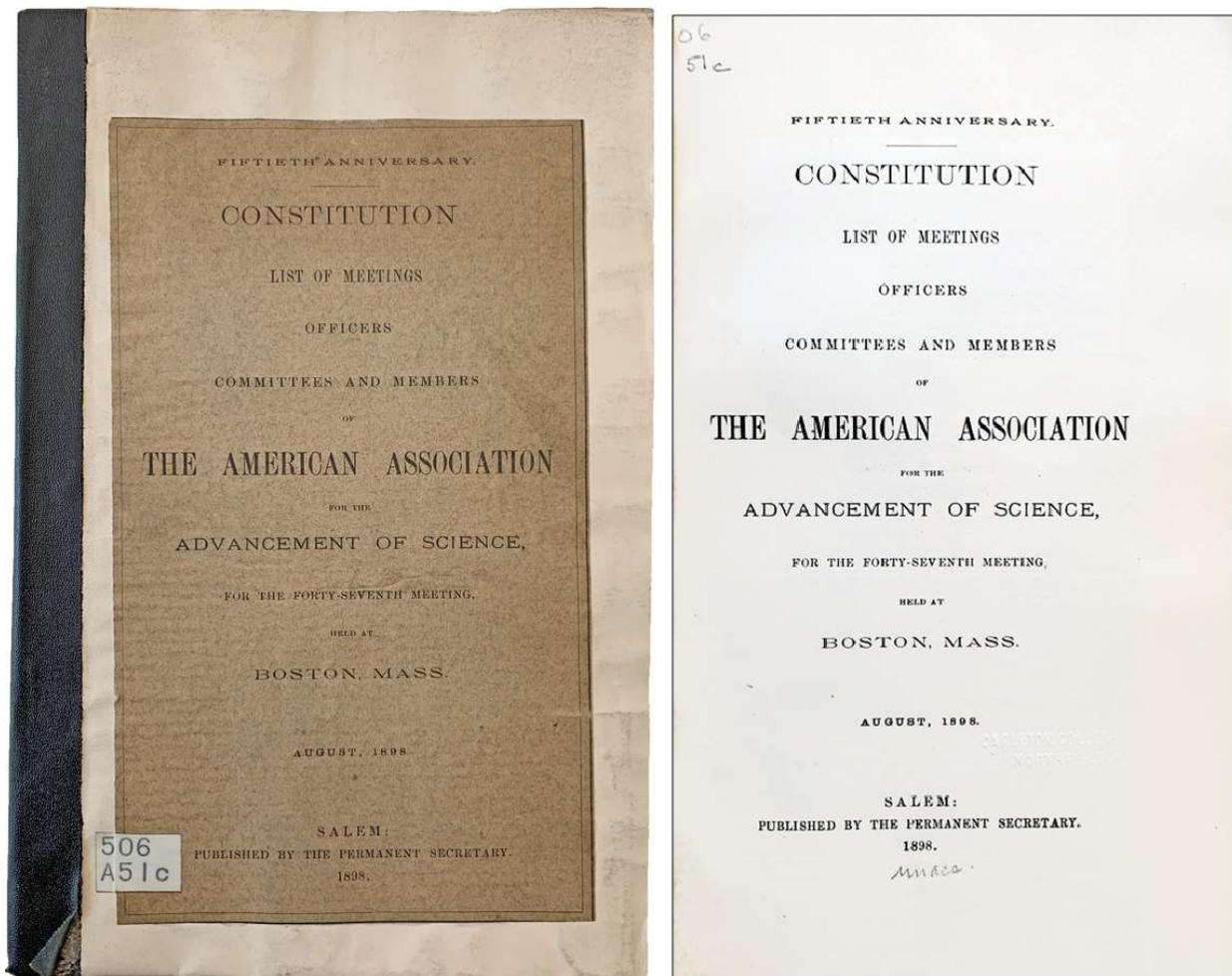
Volume Five of Poggendorff's standard work on scientists and their work is important for the numerous scientific discoveries that took place within the period covered, 1904-1922. Einstein's and Planck's works are covered, as is the work of most of the early scientists working on atomic theory.



1555 [PRITCHARD, Charles (1808-1893)] PRITCHARD, Ada (comp.). *Charles Pritchard, D.D.; F.R.S.; F.R.A.S.; F.R.G.S. Late Professor of Astronomy in the University of Oxford. Memoirs of His Life. With an Account of his Theological Work by the Right Reverend, The Lord Bishop of Worcester and of His Astronomical Work by His Successor, Professor H.H. Turner.* London: Seeley and Co., 1897. ¶ FIRST EDITION. 8vo. viii, 322, ads. [6] pp. Heliogravure frontis. port. of Charles Pritchard with facsimile inscription and tissue guard, index. Navy cloth, gilt-stamped cover and spine titles (with cover illus.); lightly rubbed. Very good. RARE. \$ 30

Pitchard's "career as a professional astronomer began in 1870, when he was elected Savilian professor of astronomy at the University of Oxford. At his request the university decided to build a fine equatorial telescope for the instruction of his class and for purposes of research, a scheme which, as a result of Warren de la Rue's

munificent gift of instruments from his private observatory at Cranford, expanded into the establishment of the new university observatory. By De la Rue's advice, Pritchard began his career there with a determination of the physical libration of the moon, or the nutation of its axis. In 1882 Pritchard commenced a systematic study of stellar photometry. For this purpose he employed an instrument known as the "wedge photometer", with which he measured the relative brightness of 2,784 stars between the North Pole and about -10° declination. The results were published in 1885 in his *Uranometria Nova Oxoniensis*, and their importance was recognized by the bestowal in 1886 upon him, conjointly with Professor Pickering, of the Gold Medal of the Royal Astronomical Society." – Wikipedia.

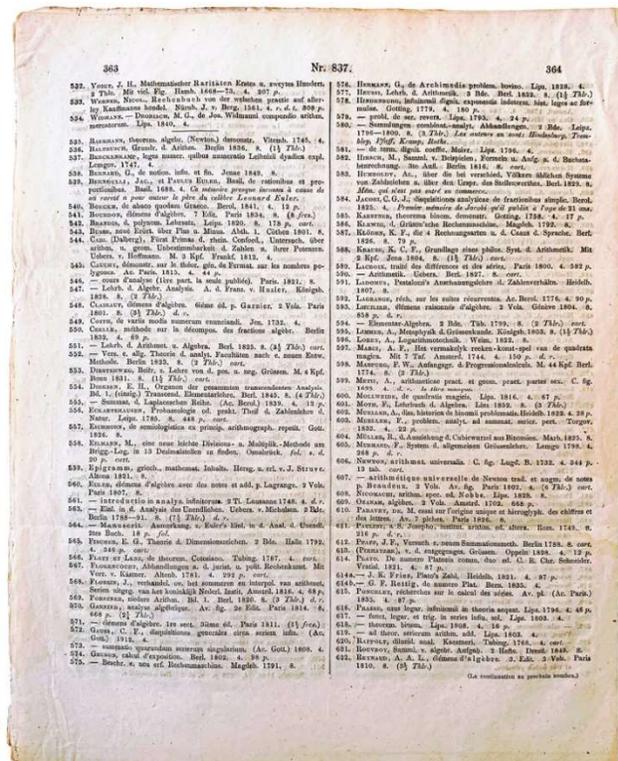
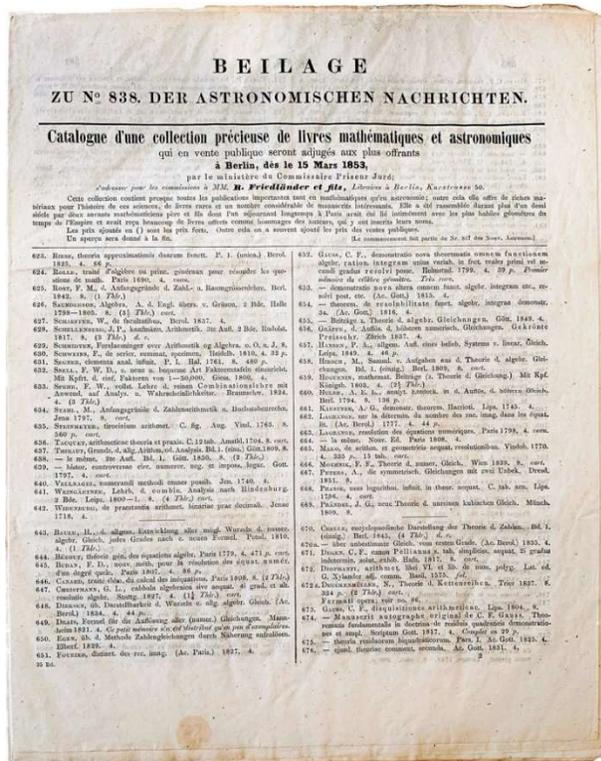


[1557] PUTNAM

1557 PUTNAM, Frederick Ward (1839-1915) (ed.). *Fiftieth Anniversary. Constitution, List of Meetings, Officers, Committees and Members of the American Association for the Advancement of Science, for the Forty-Seventh Meeting, Held at Boston, Mass. August 1898.*

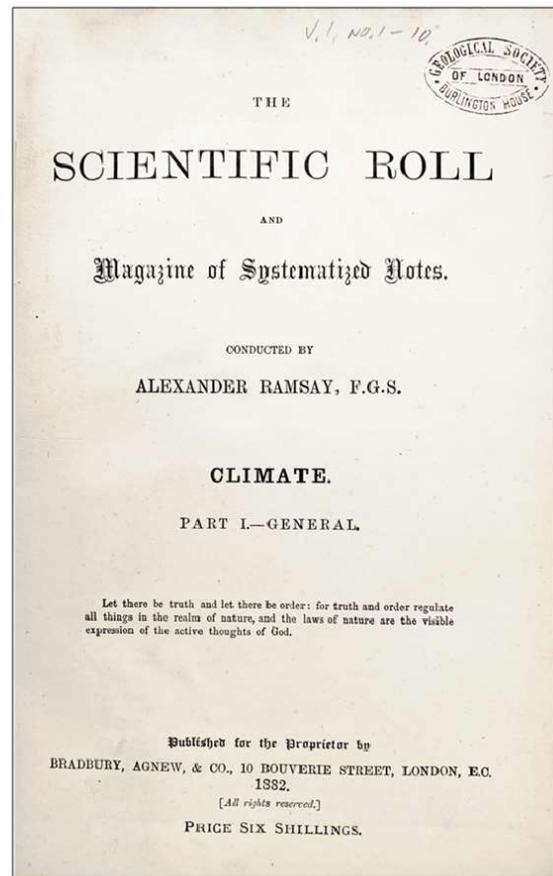
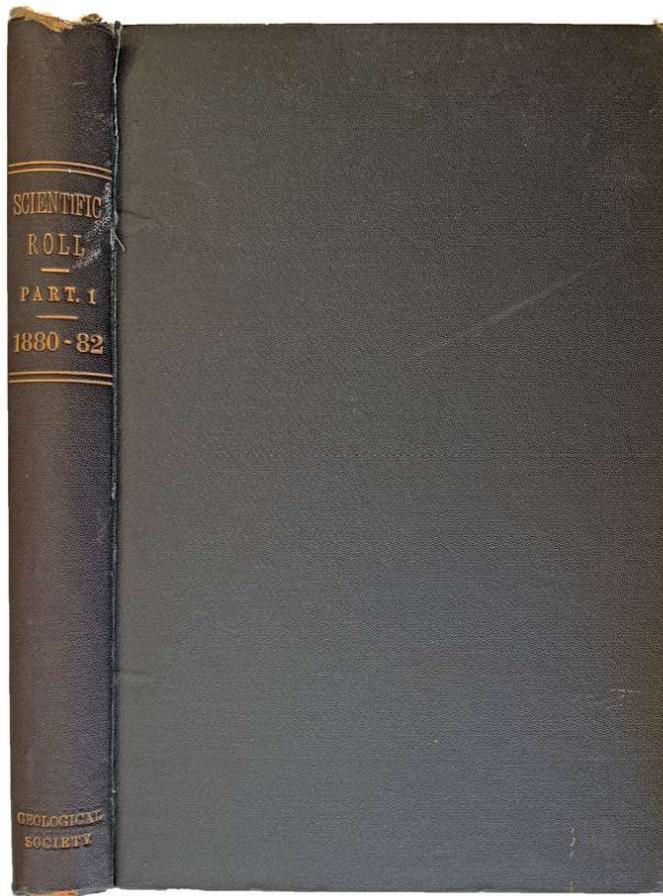
Salem: Permanent Secretary, 1898. ¶ 8vo. 78 pp. Rebound in stiff library covers, with original printed wrapper cover cut and mounted on front. Former library copy with the usual markings. Good. RARE. \$ 18

Mostly lists of various classes of members with names, dates of membership and addresses.



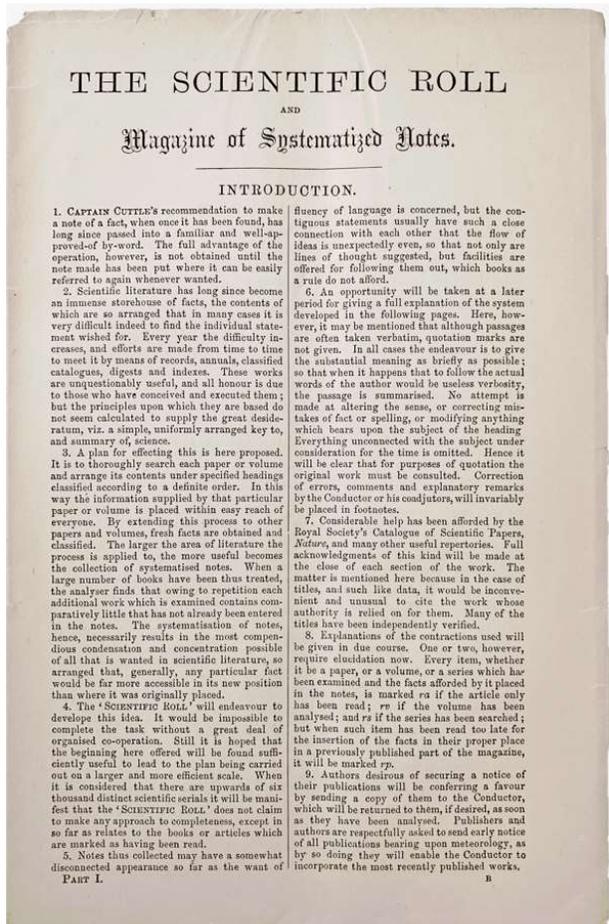
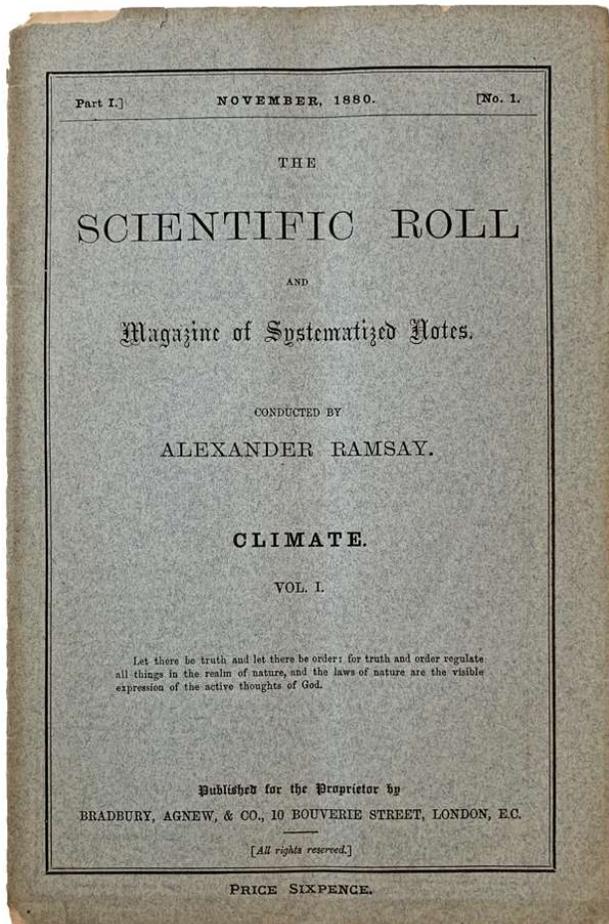
1561 R. Friedlander et fils. *Catalogue d'Une Collection Précieuse de Livres Mathématiques et Astronomiques. . . Beilage zu No. 837 and No. 838. Der Astronomischen Nachrichten.* [Berlin]: R. Friedlander et fils, 1853. ¶ Two Supplements. 4to. Columns 349-364; 381-420. 4 loosely folded and unopened sheets, as issued to subscribers. \$ 14

"Catalog of a Precious Collection of Mathematical and Astronomical Books" being a scientific bookseller catalog issued mid-19th century. 2060 items listed.



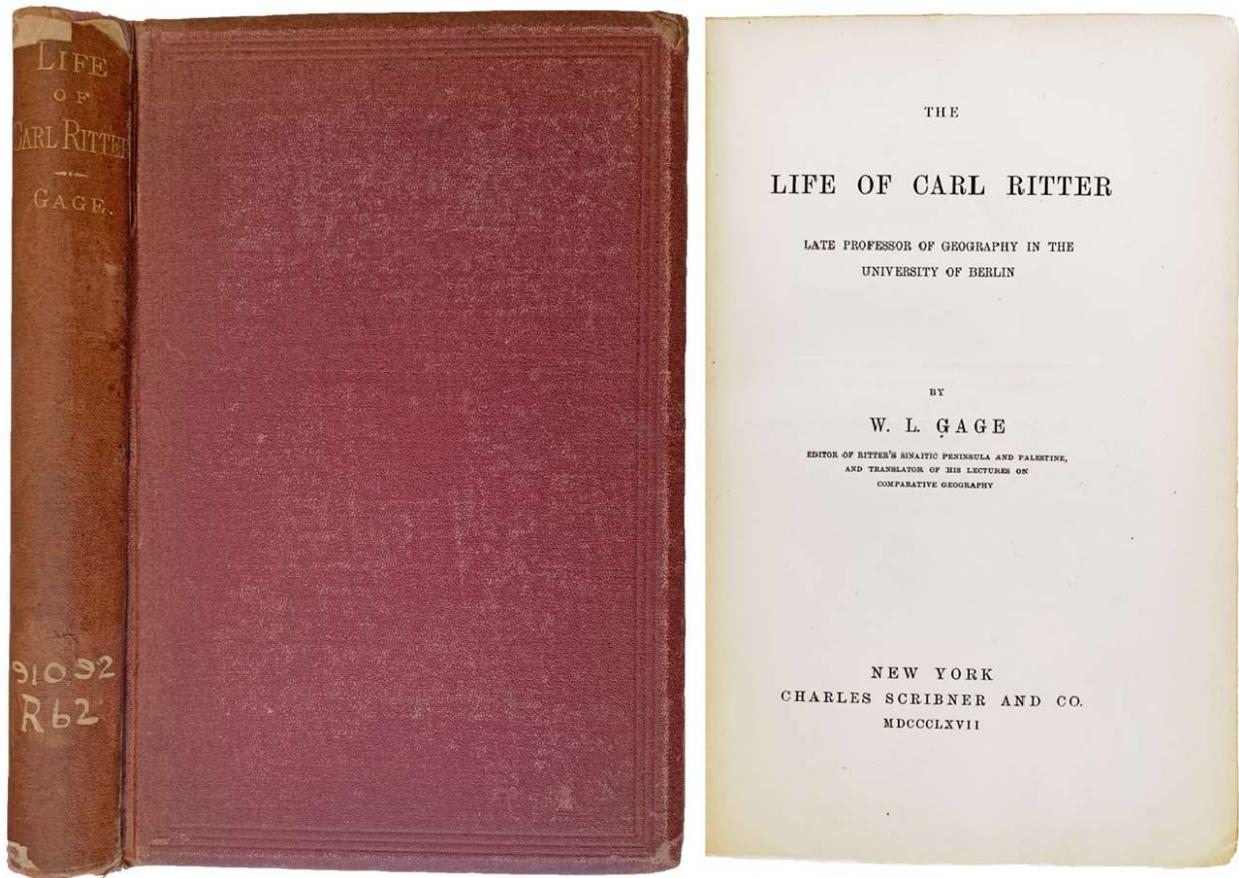
1562 **RAMSAY, Alexander.** *The Scientific Roll and Magazine of Systematized Notes. Volume I. Climate. Parts I & II. Nos. 1-10. [Part I: General; Part II: Aqueous Vapour].* London: Bradbury, Agnew, & Co., 1882. ¶ Single collected edition of the magazine's first volume. 8vo. 308 pp. Diagrams, index to Part I. Navy cloth, gilt-stamped spine title; spine chipped around hinges and ends, inner hinges cracked, ffepp. starting. Former library copy with the usual markings. Scarce. Good. \$ 50

A work of idiosyncratic interests which attempts to summarize various meteorological works as well as present a bibliography of others over a considerable period of time. This edition does not include No. 11 which seems to have been issued subsequently.



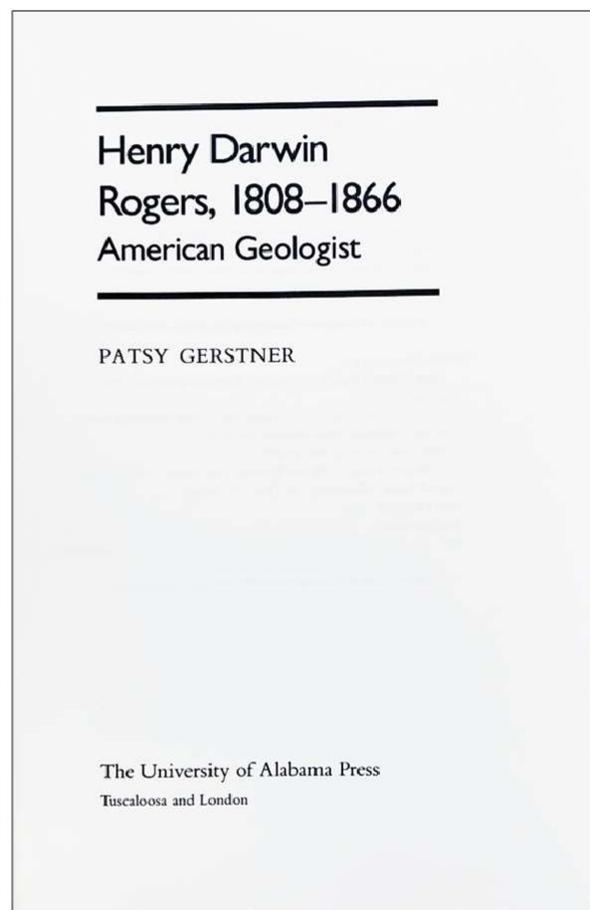
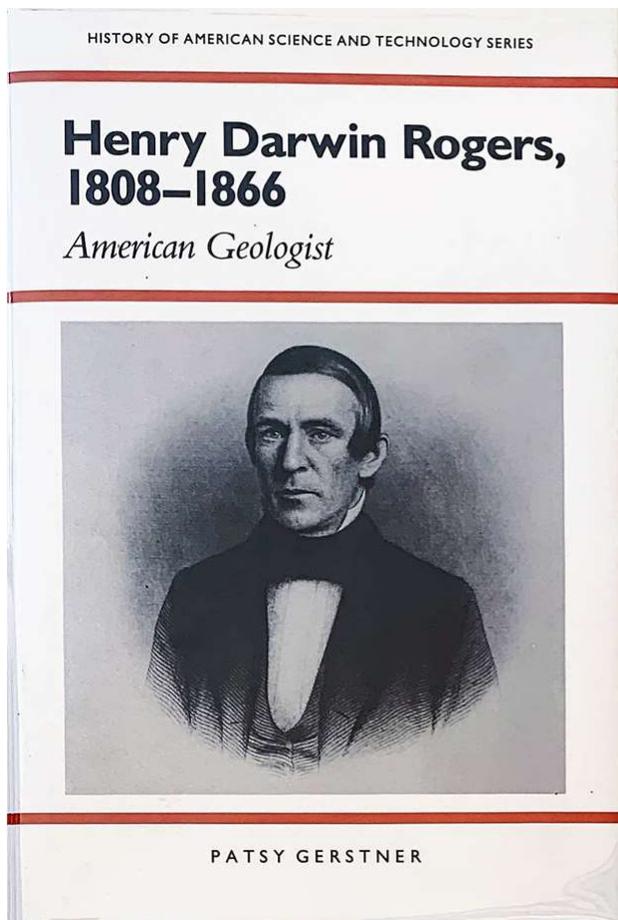
1563 **RAMSAY, Alexander.** *The Scientific Roll and Magazine of Systematized Notes.* Volume I. *Climate.* Parts I & II. Nos. 1-8, 10 & 11. [Part I: General; Part II: *Aqueous Vapour*]. London: Bradbury, Agnew, & Co. & J.H. Fennell, 1880-1883. ¶ 10 separate issues. 8vo. 240, 277-340 pp. Diagrams, index to Part I. Original printed wrappers; covers dry and brittle, front cover and title of No. 7 detached. Fair. \$ 50

A work of idiosyncratic interests which attempts to summarize various meteorological works as well as present a bibliography of others over a considerable period of time. This set is missing issue No. 9.



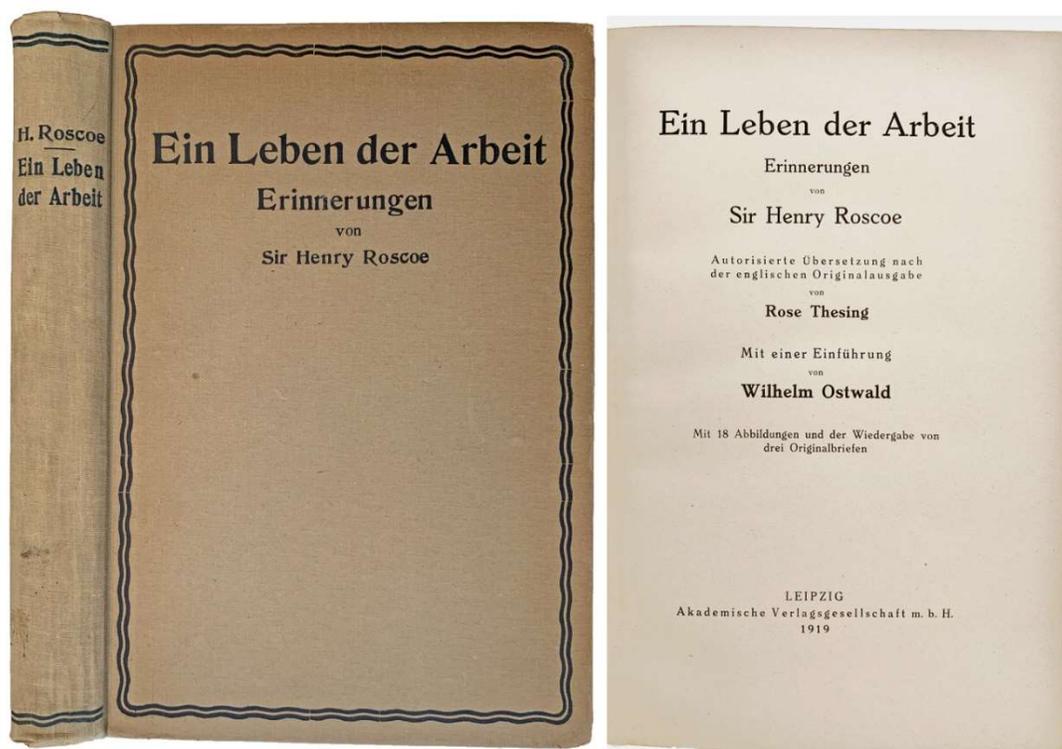
1575 [RITTER, Carl (1779-1859)] GAGE, W.L. (1832-1889). *The Life of Carl Ritter: Late Professor of Geography in the University of Berlin*. New York: Charles Scribner, 1867. ¶
8vo. viii, 242 pp. Burgundy cloth, gilt-stamped spine title; extremities rubbed, spine ends chipped. Former library copy with the usual markings and defects. Previous owner's inked signature of E. W. Bryant, 1879. Fair. \$ 12

Ritter grew up in Quedlinburg, Germany, studied at the Halle, then Geneva, lived in Gottingen, was appointed professor of history at Frankfurt-am-Main, before becoming professor of Geography in Berlin, occupying the first chair of geography, which he held from 1825 until his death. He is considered, along with Alexander von Humboldt, one of the founders of modern geography. His masterwork, issued in 21 volumes, was published in 1819, was called, *Erdkunde im Verhältnis zur Natur und zur Geschichte des Menschen oder allgemeine*.



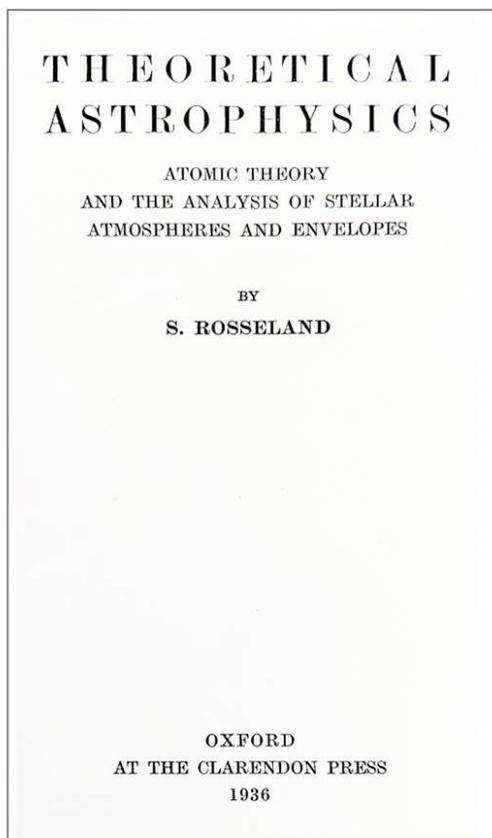
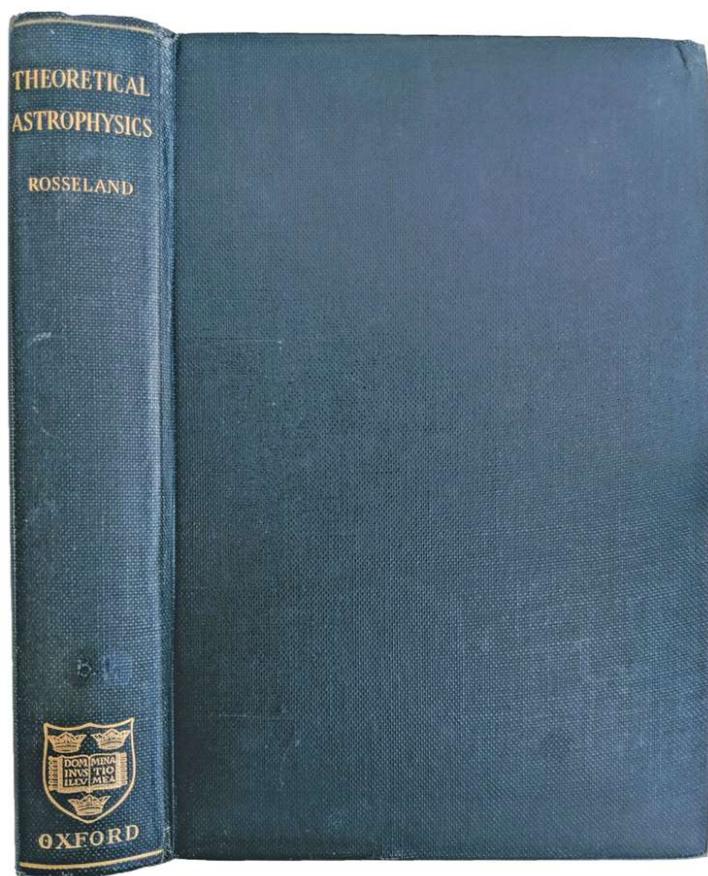
1579 [ROGERS, Henry Darwin (1808-1866)] GERSTNER, Patsy. *Henry Darwin Rogers, 1808-1866: American Geologist*. Tuscaloosa and London: University of Alabama Press, (1994). ¶ FIRST EDITION. Series: History of American Science and Technology Series. 8vo. xi, 311 pp. 9 figs. (illustrations), index. Reddish-brown cloth, brown stamped spine title, dust-jacket. Fine. \$ 5

Rogers had a profound professional experience in in native Pennsylvania, the subject of his cornerstone work in American geology, *The Geology of Pennsylvania: A Government Survey*, 1858. "In 1857 he was appointed Regius Professor of Natural History and Geology at Glasgow University. The same year he was also appointed as keeper of the Hunterian Museum and clerk to the trustees." [Wikip.].



1587 **ROSCOE, Henry Enfield** (1833-1915). *Ein Leben der Arbeit Erinnerungen von Sir Henry Roscoe. Autorisierte Übersetzung nach der englischen Originalausgabe von Rose Thesing. Mit einer Einfuhrung von Wilhelm Ostwald. Mit 18 abbildungen und der wiedergabe von drei originalbriefen.* Leipzig: Akademische Verlagsgesellschaft, 1919. ¶ Series: *Grosse Manner: Studien zur Biologie des Genies. Siebenter Band.* 8vo. xv, (xvi), 362, ads. [5] pp. Half-tone frontis. port. of Roscoe with facsimile autograph, 16 half-tone plates, facsimile of letter from Robert Bunsen (1811-1899) to Roscoe, index; pages browned. Original beige cloth, black stamped cover and spine titles; corners showing. Very good. \$ 18

Translated from English. Includes an additional chapter not in the first English edition covering Roscoe's life from 1906 to his death in 1914. "Roscoe's scientific work includes a memorable series of researches carried out with Bunsen between 1855 and 1862, in which they laid the foundations of comparative photochemistry. In 1864 they carried out what is reputed to be the first flashlight photography, using magnesium as a light source. In 1867, Roscoe began an elaborate investigation of vanadium and its compounds, and devised a process for preparing it pure in the metallic state, at the same time showing that the substance which had previously passed for the pure metal was contaminated with oxygen. In so doing he corrected Berzelius's value for the atomic mass. Roscoe was awarded the 1868 Bakerian Lecture for this work. He also carried out researches on niobium, tungsten, uranium, perchloric acid, and the solubility of ammonia." [Wikip.].



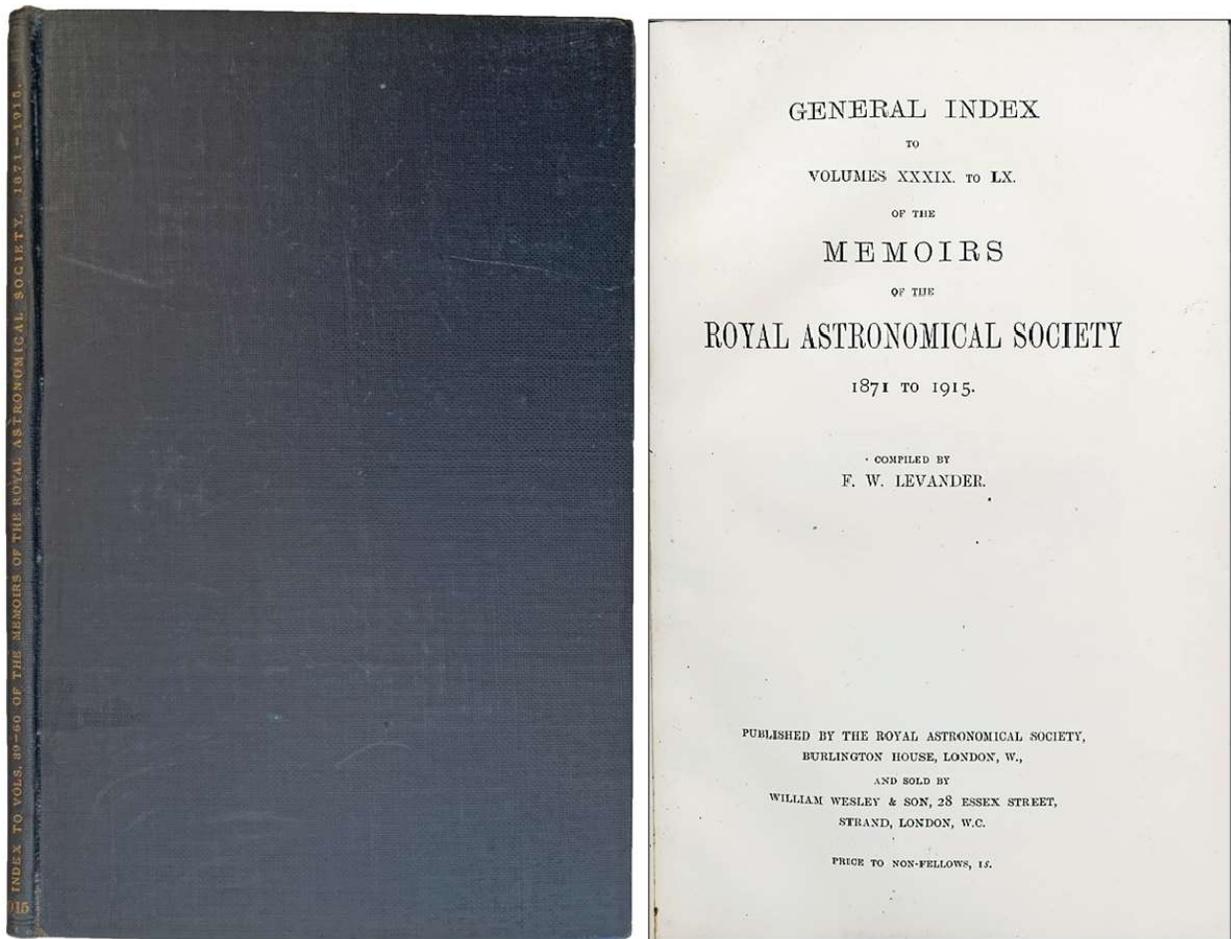
RW1236 **ROSSELAND, Svein** (1894-1985). *Theoretical Astrophysics. Atomic Theory and the Analysis of Stellar Atmospheres and Envelopes*. Oxford: Clarendon Press, 1936. ¶ Series: *The International Series of Monographs on Physics*. 8vo. xix, [1], 355, [1] pp. 47 figs. [fig. 47 mis-numbered "44"], tables, index. Blue gilt-stamped cloth. Ownership rubberstamp of Bruce P. Bogert, Mass. Inst. Tech., 1942; as well as stamp & signature of L.C. Biedenharn Jr., 12 Apr. 1948 [see below]. Near fine.

\$ 35

First edition. The author, from Blindern, nr. Oslo, Norway, an astrophysicist and a pioneer in the field of theoretical astrophysics, writes, that "among natural sciences astronomy . . . is the most poetical of sciences, and many a beautiful human dream was woven into a celestial language." [Intro.] During WWII, when the Germans occupied Norway, he fled the country and came to the US as professor at Princeton

University, then worked on the British experiments that resulted in radar. He also, during the time, worked on underwater explosions, and taught at Columbia University. Jensen called Rosseland one of Norway's greatest scientists, he had a remarkable intellect that allowed him, born to a farming family, to be motivated to teach himself and excel academically. This book, Jensen states, "his most important book, containing many original contributions" outlining the science of astrophysics.

PROVENANCE: [1] Bruce Plympton Bogert (1923-), mathematician, wrote his thesis at MIT, Dept. of Mathematics, "The physical applications of hypergeometric functions", 1946. [2] Lawrence Christian Biedenharn, Jr. (18 November 1922, Vicksburg, Mississippi – 12 February 1996, Austin, Texas) was an American theoretical nuclear physicist and mathematical physicist, a leading expert on applications of Lie group theory to physics. He received his PhD at MIT. While he was associated at times with the Oak Ridge National Laboratory, Yale University, and Rice, for much of his career he taught at Duke University, retiring and then teaching as adjunct professor at the University of Texas, Austin. See: Jensen, E., "Svein Rosseland, 31 March 1894 - 19 January 1985." [Obit.]. *Quarterly Journal of the Royal Astronomical Society*, Vol. 27, No. 3, p. 512 – 514.



1594 **Royal Astronomical Society; LEVANDER, Frederick William** (1839-1916) (comp.). *General Index to Volumes XXXIX. to LX. of the Memoirs of the Royal Astronomical Society, 1871-1915*. London: Royal Astronomical Society, (circa 1915). ¶ 8vo. 14 pp. Black cloth, gilt-stamped spine title; extremities rubbed and a bit stained. Library bookplate. Very good. Rare. \$ 25



RAOUL GAUTIER
1854-1931

RAOUL GAUTIER

1854-1931

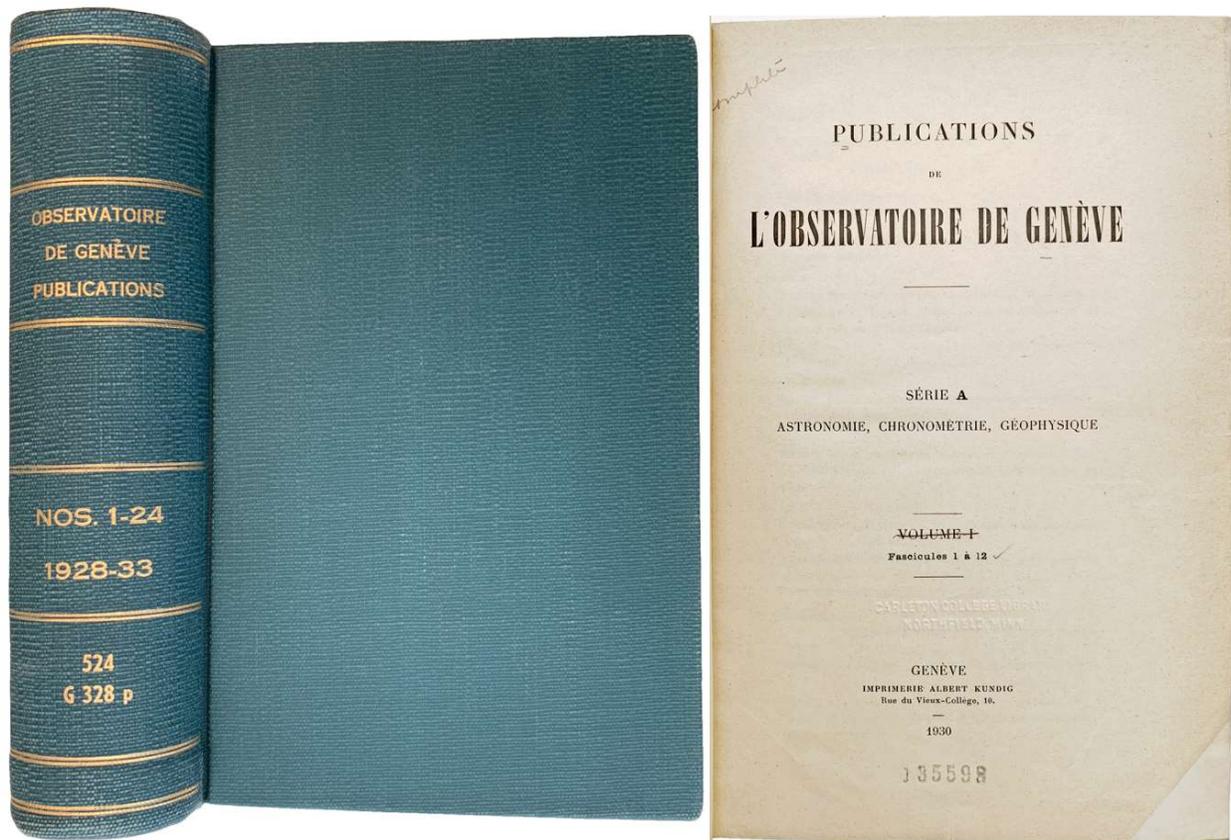
L'ACTIVITÉ SCIENTIFIQUE DE RAOUL GAUTIER

Par Georges TIERCY.

Raoul Gautier, directeur de l'Observatoire de Genève et professeur à l'Université de 1890 à 1927, directeur honoraire et professeur honoraire depuis 1928 s'est éteint brusquement le dimanche 19 avril 1931, à l'âge de 77 ans. C'est une belle figure qui disparaît, un homme dévoué et loyal, un directeur avisé, un conseiller précieux.

Raoul Gautier avait fait d'excellentes études à Genève d'abord, au Gymnase, à l'Académie et à l'Université, puis à Leipzig, où il resta onze semestres, travaillant sous la direction de Bruhns.

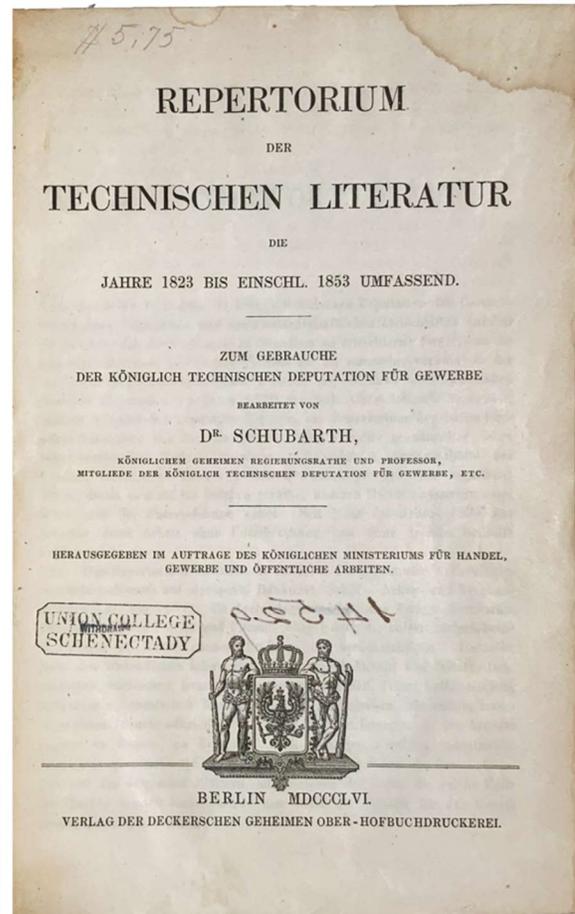
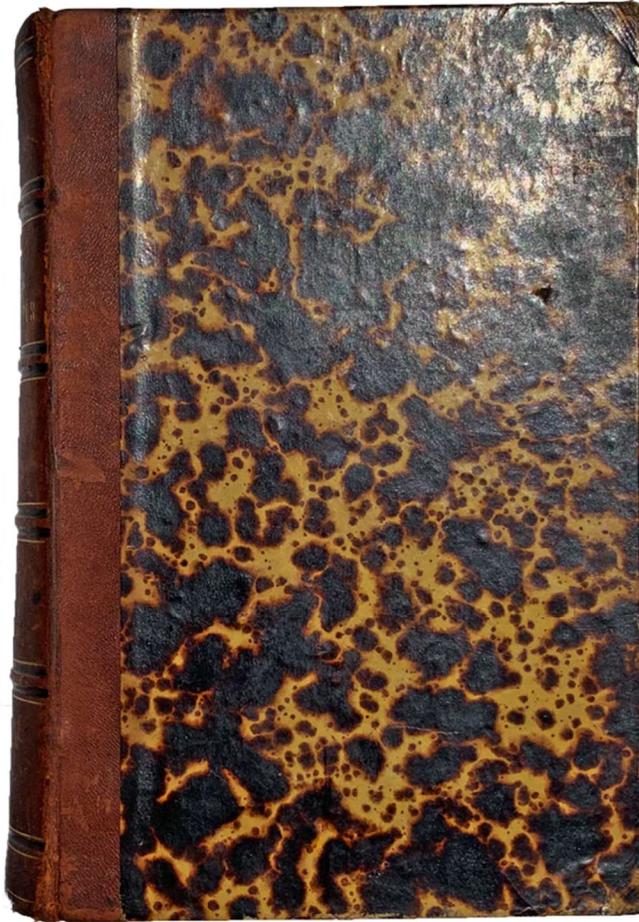
Dès le début, il porta son effort sur quelques problèmes importants de mécanique céleste; suivant l'exemple de ses devanciers, notamment de Plantamour et d'Emile Gautier, il s'occupa activement de calculs d'orbites cométaires; il s'attacha particulièrement à l'orbite de la comète de Borrelly 1873 IV, à celle de la grande comète de 1882 et à celle de la comète de Tempel 1867 II, revenue en 1873; cette dernière notamment retint son attention; le problème était délicat, étant données les fortes perturbations exercées par Jupiter sur la comète en 1867, et 1873; R. Gautier calcula les éphémérides pour le retour de 1879, et Tempel retrouva l'objet le 24 avril 1879 à Aretri (Florence). R. Gautier fit encore les calculs pour les retours espérés de la comète en 1885, 1892, 1898 et 1905, mais en vain; elle ne fut pas retrouvée; il avait accumulé une collection considérable de notes relatives à cet astre disparu, dont il avait



1610 [SCHAER, Emile (1862-1931)] **TIERCY, Georges.** "Un astronome artiste-opticien: Emile Schaer, 1862-1931." In: *Publications de L'Observatoire de Geneve. Serie A. Astronome, Chronometrie, Geophysique.* Fascicule 18, 6me fascicule du vol. 3, 1932. One of 24 issues bound together in one volume. Geneve: Albert Kundig, 1928- 1933. ¶ Whole volume: 1-24 fascicules. 8vo. Pagination for the entire volume varies [this article: pp. (253)-265 (9 pls.)]. Plates, tables. Dark blue-green library buckram, gilt-stamped spine title. Very good. \$ 65

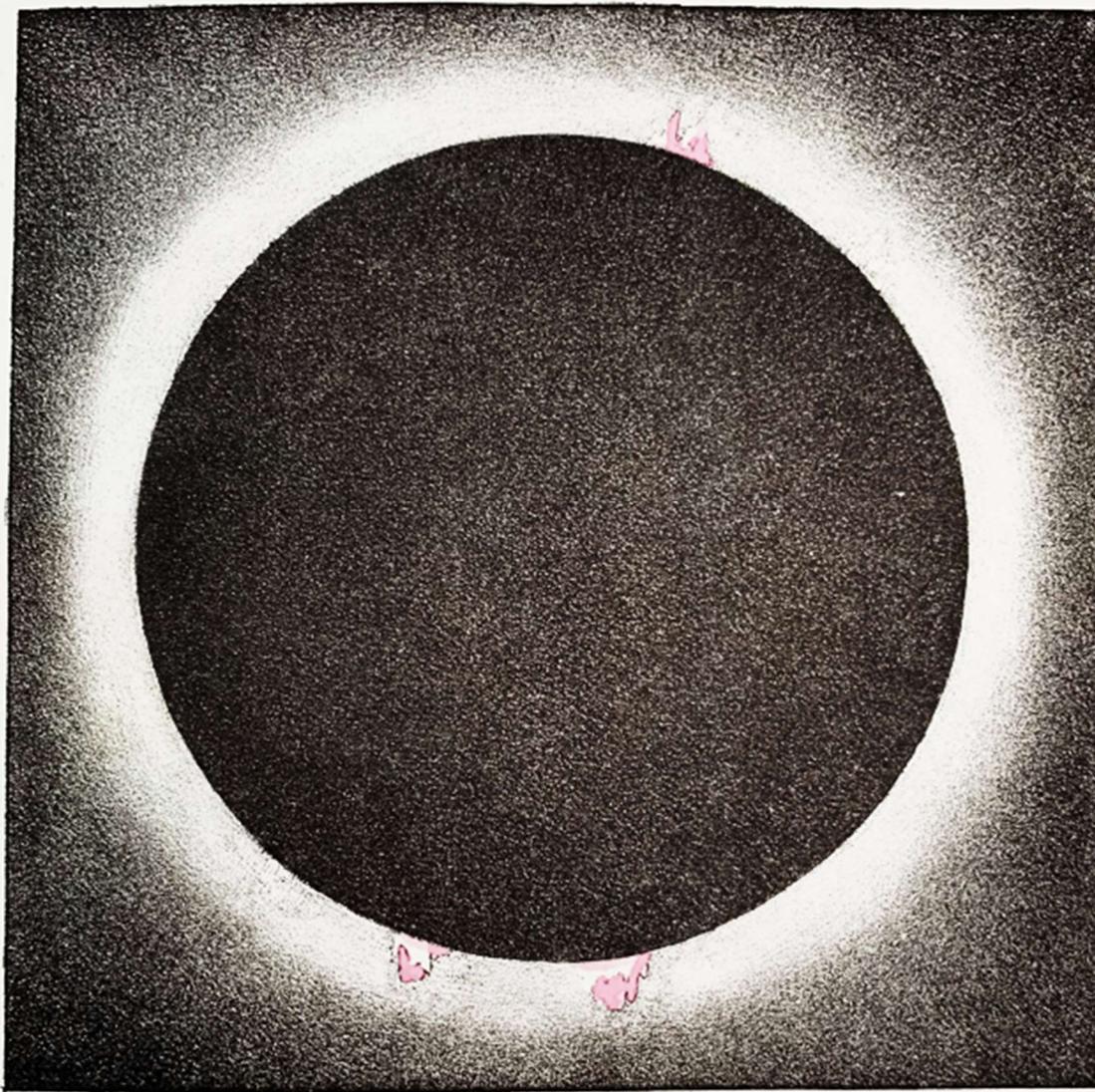
Features numerous articles by Professor Georges Tiercy (1886-1955), an astronomer from Geneva. This volumes contains a biography about Emile Schaer: "Swiss telescope-making has been dominated by the work of Emile Schaer, optician and astronomer at the Geneva Observatory until 1926." [King, *The History of the Telescope*, p. 419].

This memorial tribute includes a list of 53 instruments maintained or made by Schaer and a nice selection of half-tone illustrations, including astrophotos of comets, nebulae, and planets taken with his instruments. This entry is part of a bound collection of publications from the Geneva Observatory which includes Nos.1-24, 1928-1933.



1611 **SCHUBARTH, Ernst Ludwig** (1797-1868). *Repertorium der Technischen Literatur die Jahre 1823 bis Einschl. 1853 Umfassend. Zum Gebrauche der Königlich Technischen Deputation für Gewerbe. . . Herausgegeben im Auftrage des Königlichen Ministeriums für Handel Gewerbe und Öffentliche Arbeiten.* Berlin: Deckerschen Geheimen Ober-Hofbuchdruckerei, 1856. ¶ 8vo. xvi, 1049, ads. [2] pp. Quarter brown calf with marbled paper over boards, gilt-stamped spine title with raised bands; extremities worn, some marginal water-stains (minor). Former library copy with the usual markings. Very good. Book label of B. Westermann & Co., New York [German language bookseller and importer of European Literature]. RARE. \$ 100

"Repertory of Technical Literature published between 1823 and 1853." Schubarth has translated all the titles into German regardless of the original language of publication. Still a place where some odd and unexpected paper might be found relating to the technology of optics and optical instruments.



*Der Mond, wie er 1842 Jul. 7 in Wien im umkehrenden
Fernrohre gesehen vor der Sonne erschien .*

[S13764] SCHUMACHER



S13764 **SCHUMACHER, Heinrich Christian** (ed.). [Astronomical periodical] *ASTRONOMISCHE NACHRICHTEN*. Altona: Hammerich, 1842. ¶ Articles no. 433-456. 4to. [2], iv, 436 pp. [Mostly paginated in double columns]. Tables (3 folding), articles, 1 engraved lithographic folding plate of Mars, engraved plate of the Moon, heightened with hand coloring) during an eclipse; browning throughout, first few leaves very lightly foxed, first leaf of article 433 with paper flaw essentially disrupting 5 lines of text. Early marbled boards, early ink ms. paper label; rubbed, spine ends worn, corners showing. Early ink ownership signature on title. Very good.

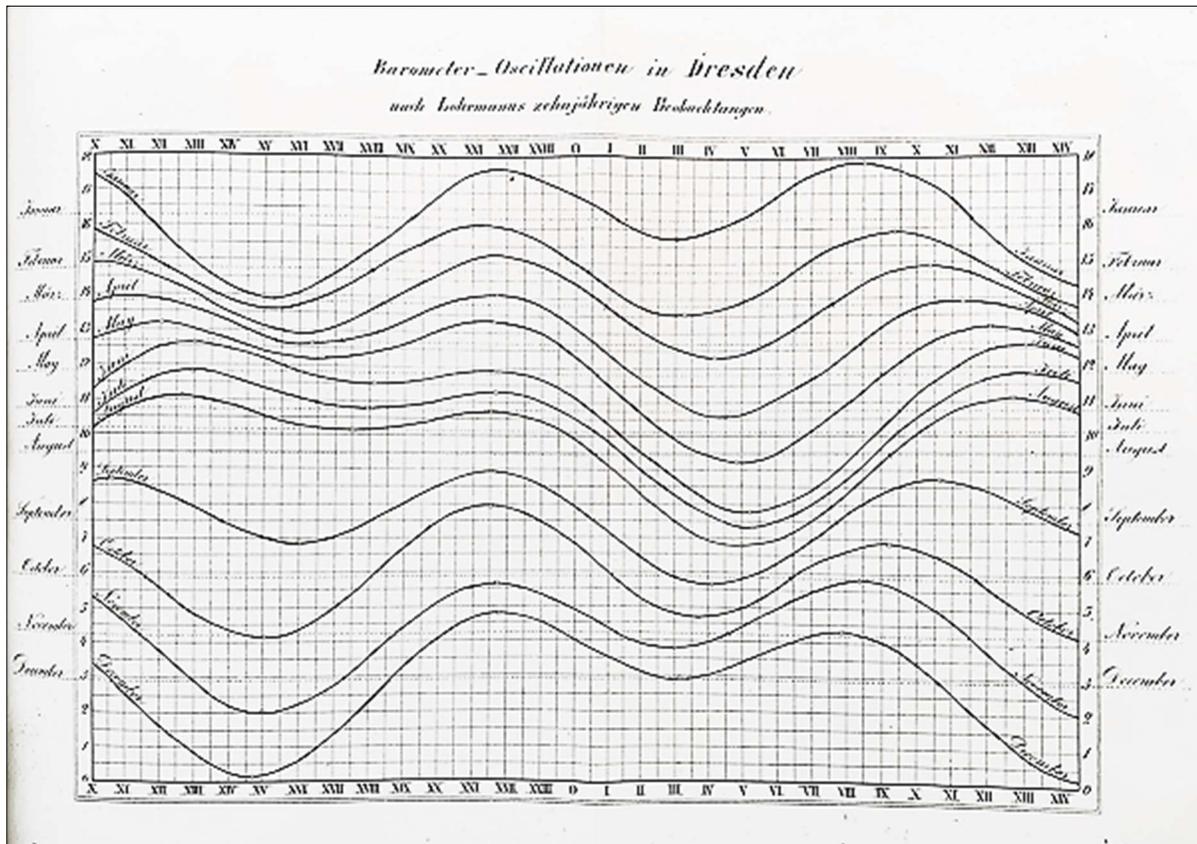
\$ 250

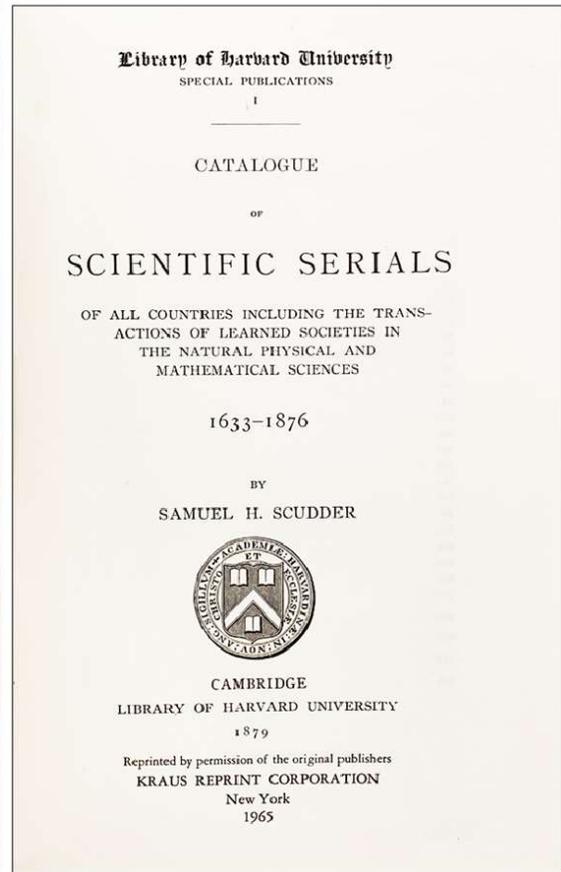
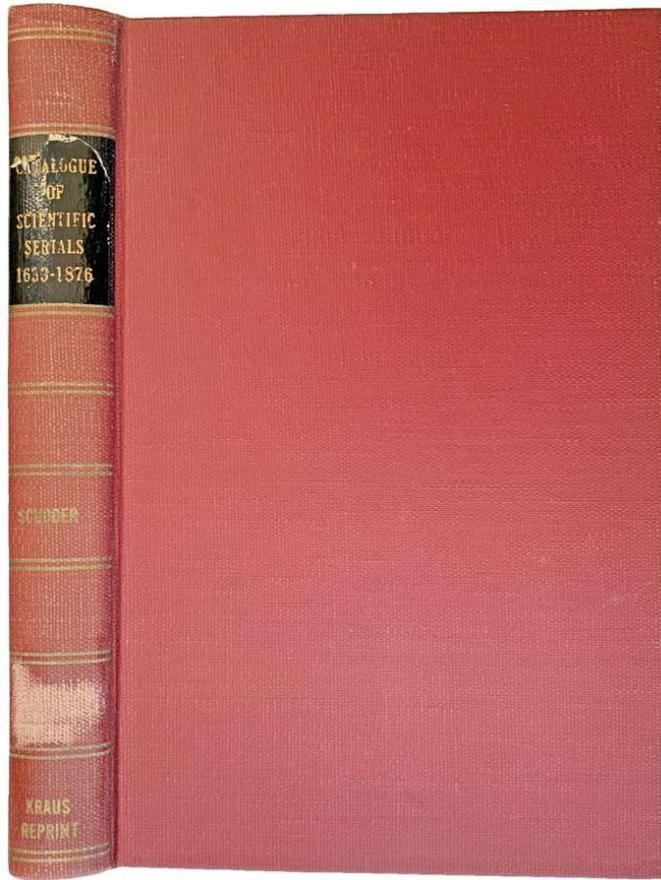
"*Astronomische Nachrichten* (Astronomical Notes), one of the first international journals in the field of astronomy, was founded in 1821 by the German astronomer Heinrich Christian Schumacher. It claims to be the oldest astronomical journal in the world that is still being published. The publication today specializes in articles on solar physics, extragalactic astronomy, cosmology, geophysics, and instrumentation for these fields. The journal was founded in 1821 by Heinrich Christian Schumacher, under the patronage of Christian VIII of Denmark, and quickly became the world's leading professional publication for the field of astronomy, succeeding where others had failed or not achieved the same renown. Schumacher edited the journal at the Altona Observatory, then under the administration of Denmark, later part of Prussia, and today part of the German city of Hamburg." [Wikip.]. Articles on astronomy including a lithographic plate for J. H. Hofrath Mädler's 1841 observations of Mars.

PLATES (plates 1, 2, 3 are folding): [1] 40 faces of the planet MARS; [2-3] Barometric readings in Dresden and Copenhagen (Christiania); [4] Lunar eclipse wherein the moon totally covers up the sun, showing titanic flares called solar prominences that become visible during the eclipse, protruding away from the edge the darkened lunar disk.

CONTAINS 21 ARTICLES: ■ 433. Hofrath Schwabe, Beobachtungen über die Excentricität der Staurnkugel in Ringe 1841. [Observations on the rings of Saturn, 1841]; ■ 434. Friedrich Wilhelm Bessel (1784-1846). Astronomische Untersuchungen. [contains: Johann Heinrich von Mädler (1794-1874), "Physische Beobachtungen des Mars bei seiner Opposition im Jahre 1841."]; ■ 435-7. Ritter Hansen. Bemerkungen über die Behandlung der Theorie der Störungen des Mondes. [Remarks on the treatment of the theory of perturbations of the moon]; ■ 438. Geheimen-Rath; Ritter Bessel, Über einen Fehler in der Berechnung der französischen Gradmessung und seineh Einfluß auf die Bestimmung der Figur der Erde. [About an error in the calculation of the French degree measurement and its influence on the determination of the figure of the earth]. Bessel was the first astronomer to determine reliable values for the distance from the sun to another star by the method of parallax. Director of the Königsberg Observatory. Bessel; ■ 438 beil. Heinrich Georg von Boguslawski (1827-1884), Sternbedeckungen beobachtet zu Breslau von 1840 August 24 bis 1841 Juli 4. 117 . . . [Star occultations observed at Breslau]. The author was a German hydrographer and oceanographer.; ■ 439-441. Thomas Clausen (1801-1885), Bestimmung der Bahn des Cometen von 1770. [Determination of the orbit of the 1770 comet].; ■ 442. Johann August Grunert of Greifswald (1797-1872). Auszug aus einem Schreiben des Sir J.F.W. Herschel an den Herausgeber . . . [Excerpt from a letter from Sir J.F.W. Herschel to the editor].; ■ 442 beil. Anfang von Herrn. Carl Ludwig Christian Rumker (1788-1862), Sterncatalog.; ■ 443. Johann Franz Encke (1791-1865), Wiederkehr des Ponschen Cometen 1842.; ■ 444. Johann Heinrich von Mädler (1794-1874), Ueber den Doppelstern p Ophiuchi. [Doublestars in the 70 Ophiuchi binary star system].; ■ 445. Samuel Heinrich Schwabe (1789-1875), Ueber die Sonnenflecken im Jahre 1841. [sunspots in 1841]. In 1857 Schwabe was awarded the Gold Medal of the Royal Astronomical Society.; ■ 446. Piotr [Peter] Slavinsky (1795-1881), Suite des observations faites a l'Observatoire Imperial de Vilna etc. [Vilnius Observatory, Slavinsky was director 1835-1843].; ■ 447. Thomas Clausen (1801-1885), Monds-Ephemeride für die Zeit der Culmination in Altona für 1842.

[Moon ephemeris for the time of culmination in Altona for 1842.]; ■ 448. Johann August Grunert of Greifswald (1797-1872). Versuch einer neuen Methode, die Bahnen der Cometen zu berechnen. [A new method to calculate the orbits of comets]; ■ 449. Struve, Otto Wilhelm von (1819-1905). Notice sur une revision de l'hemisphere celeste boreal.; ■ 450. Johann Franz Encke (1791-1865), Bericht über die Bibliothek . . . ; ■ 451. Heinrich Wilhelm Matthias Olbers (1758-1840), Bericht über die Bibliothek Hauptsternwarte in Pulkova . . . ; ■ 452. Thomas Clausen (1801-1885), Mondsculminationen in Altona 1842.; ■ 453. Bericht über die Küsten -- Vermessung in Nord-Amerika 353.; ■ 454. Vergleichung der Gaussischen Theorie des Erdmagnetismus mit A. Ermans magnetischen Beobachtungen.; ■ 455. Thomas Clausen (1801-1885), Mondculminationen in Altoma 1842.; ■ 456. Johann August Grunert of Greifswald (1797-1872). Versuch einer neuen Methode, die Bahnen der Cometen zu berechnen.





1613 **SCUDDER, Samuel Hubbard** (1837-1911). *Catalogue of Scientific Serials of All Countries including the Transactions of Learned Societies in the Natural Physical and Mathematical Sciences, 1633-1876*. Library of Harvard University, *Special Publications I*. New York: Kraus Reprint, 1965. ¶ Facsimile reprint of the 1879 edition. 8vo. xii, 358 pp. Indexes. Maroon cloth, black printed paper spine label; label chipped, spine number rubbed off. Former library copy with the usual markings. Very good. \$ 30

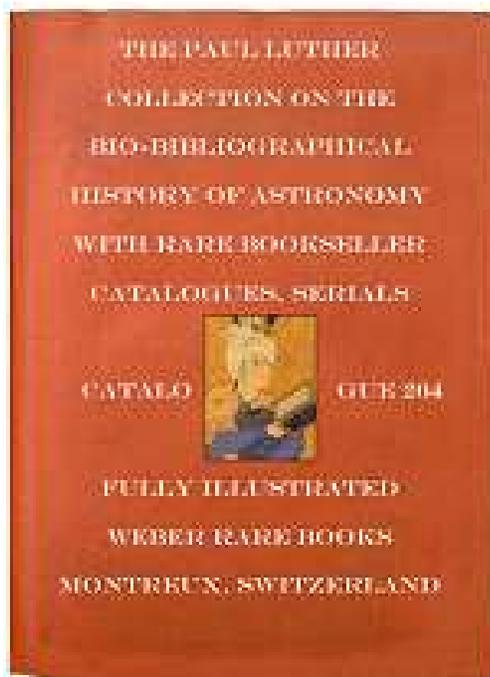
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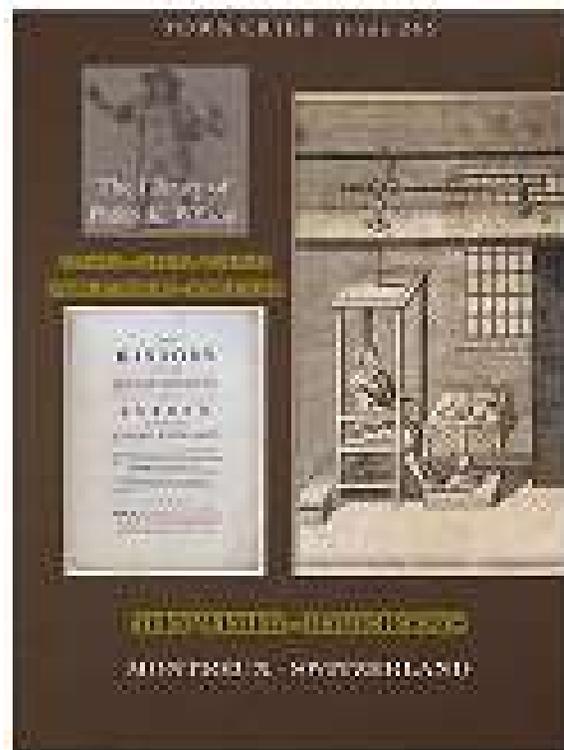
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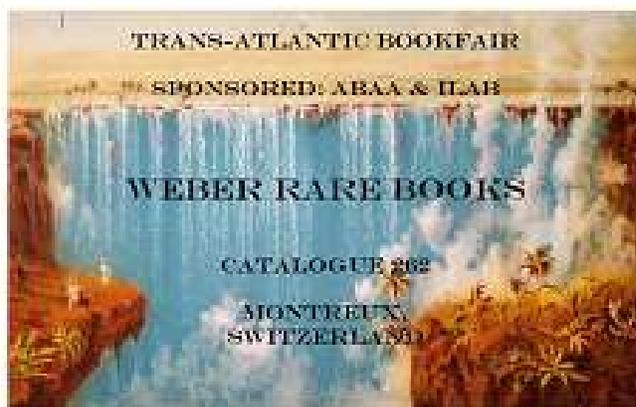


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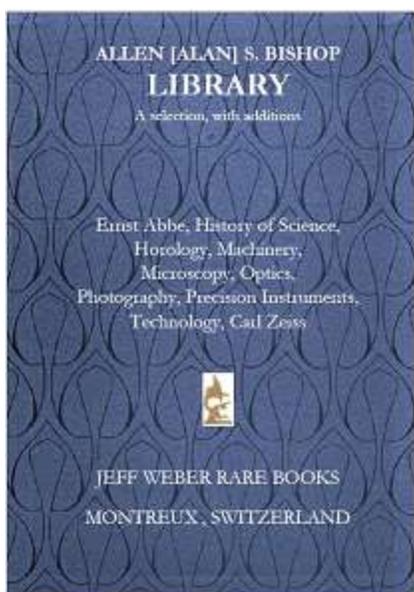


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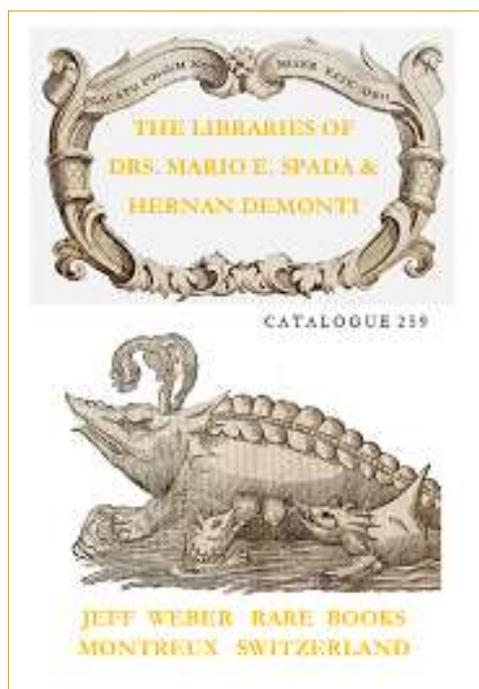
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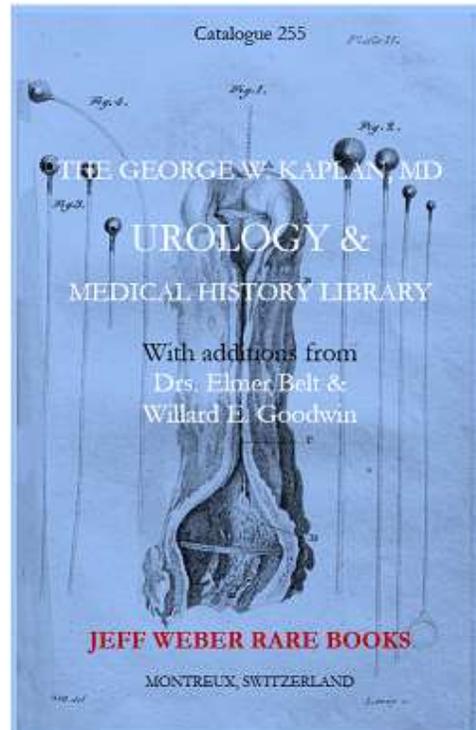


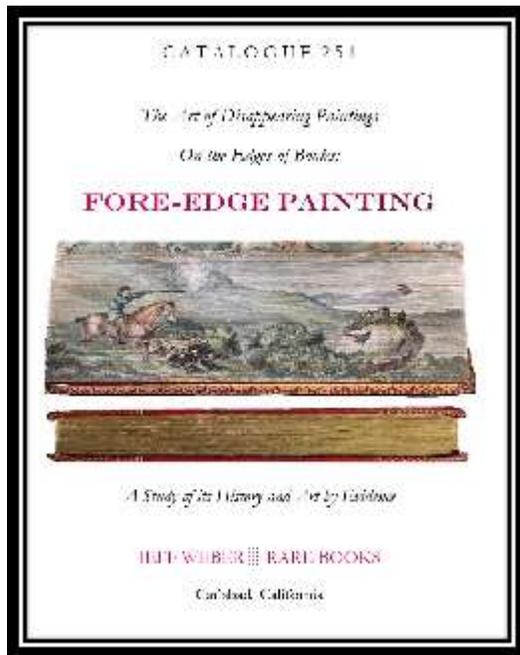
253: An American in Montreux [Part II].

252: An American in Montreux: Medical Books [I]

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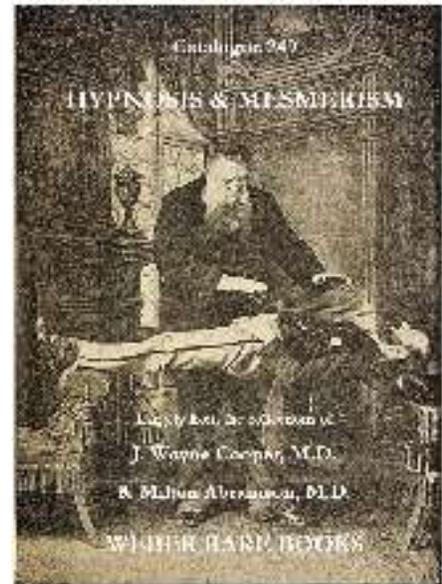
Books: Fore-Edge Painting: A Study of its History and Art by Evidence.





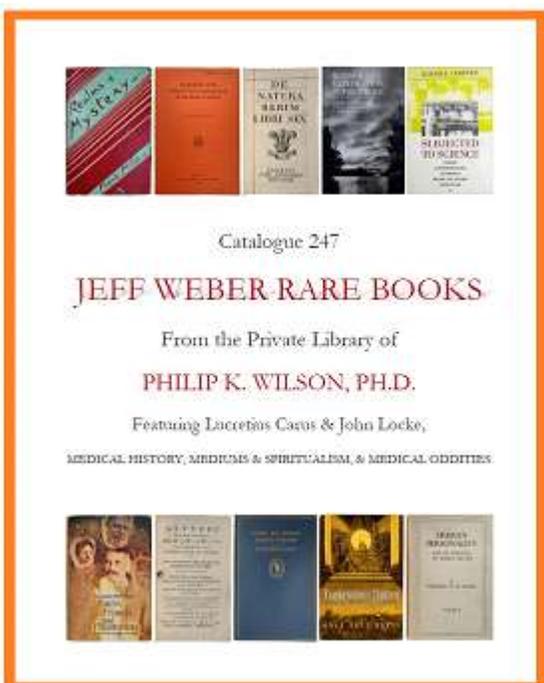
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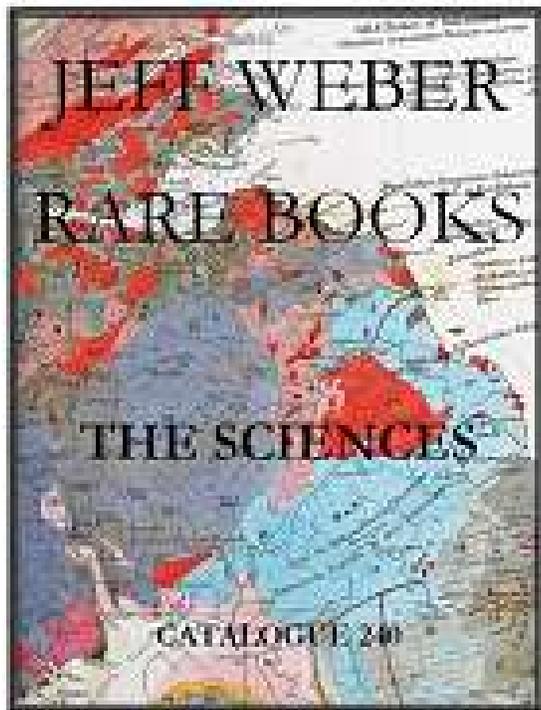
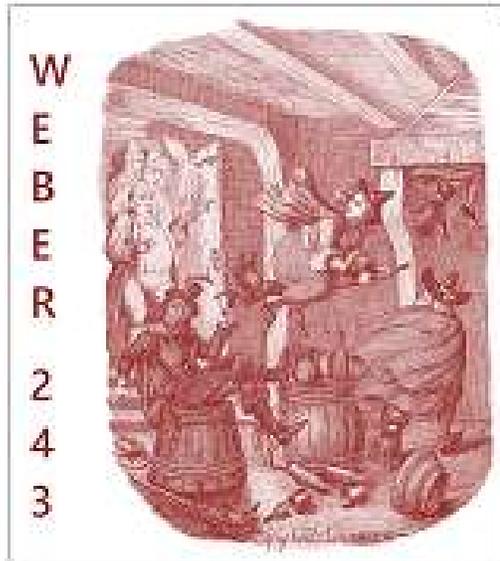
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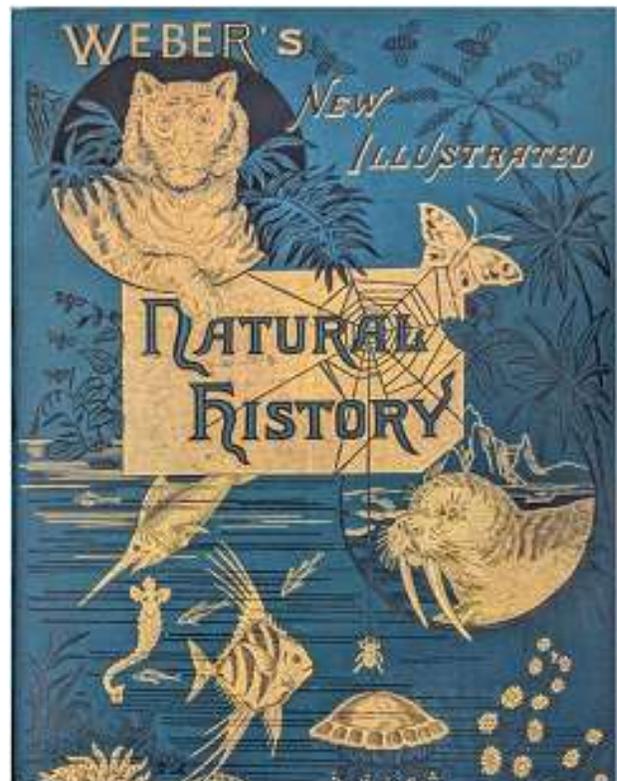
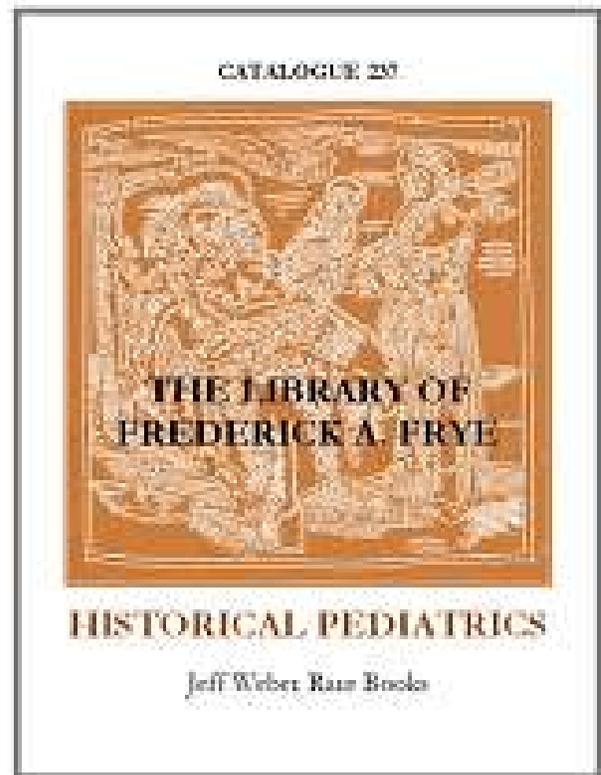
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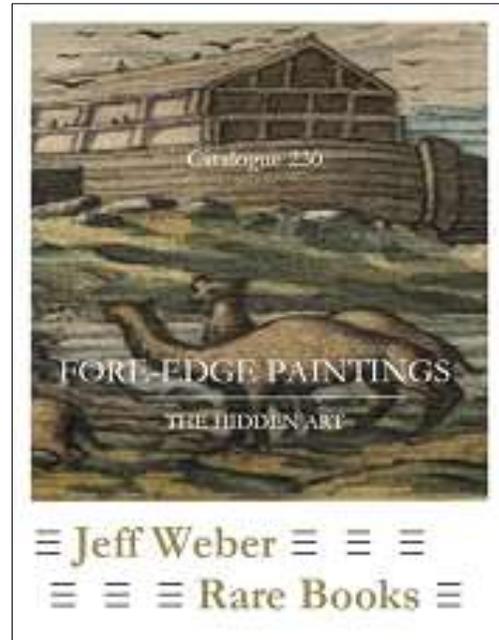
231: 36 Weiss Books (science).

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