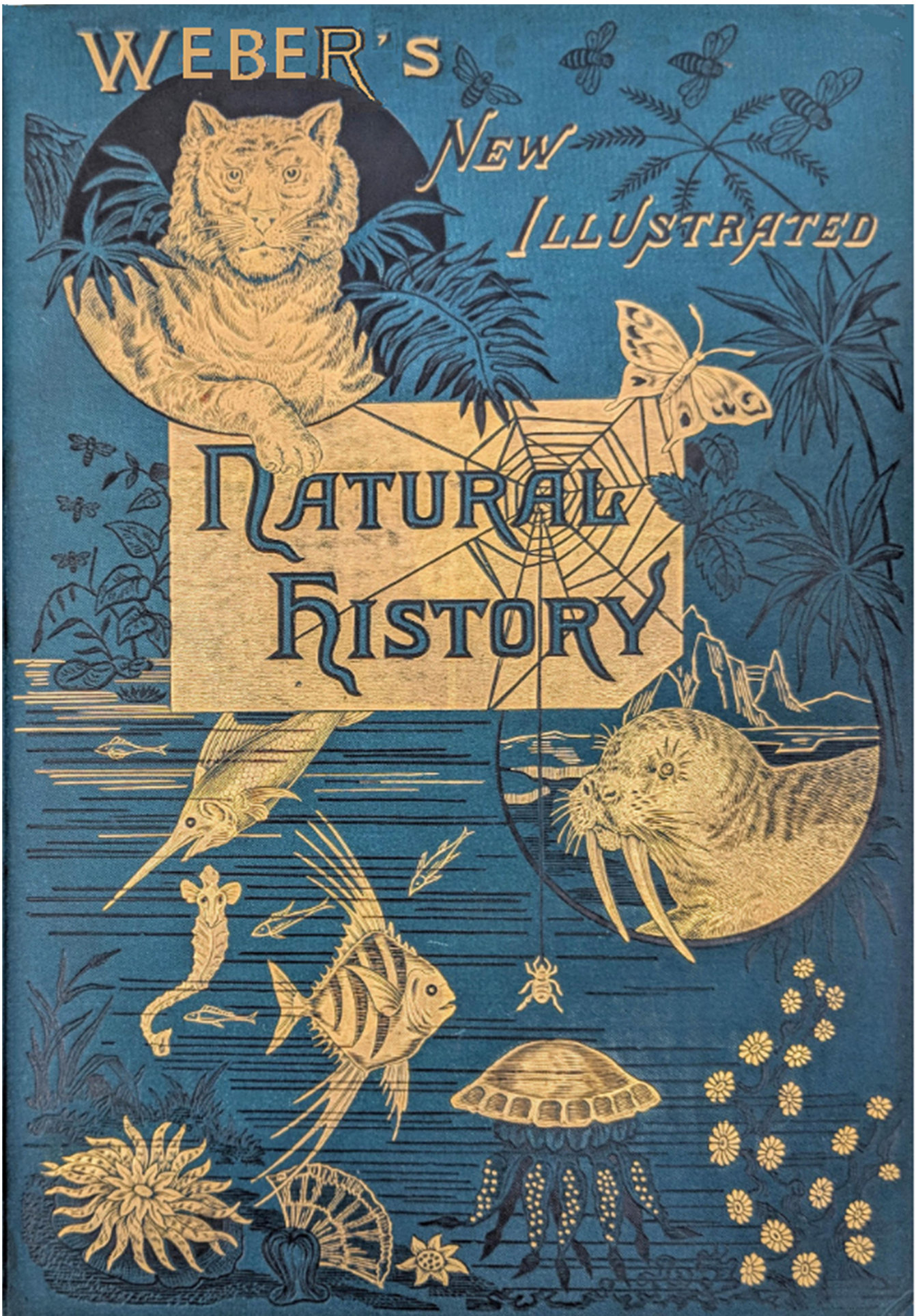
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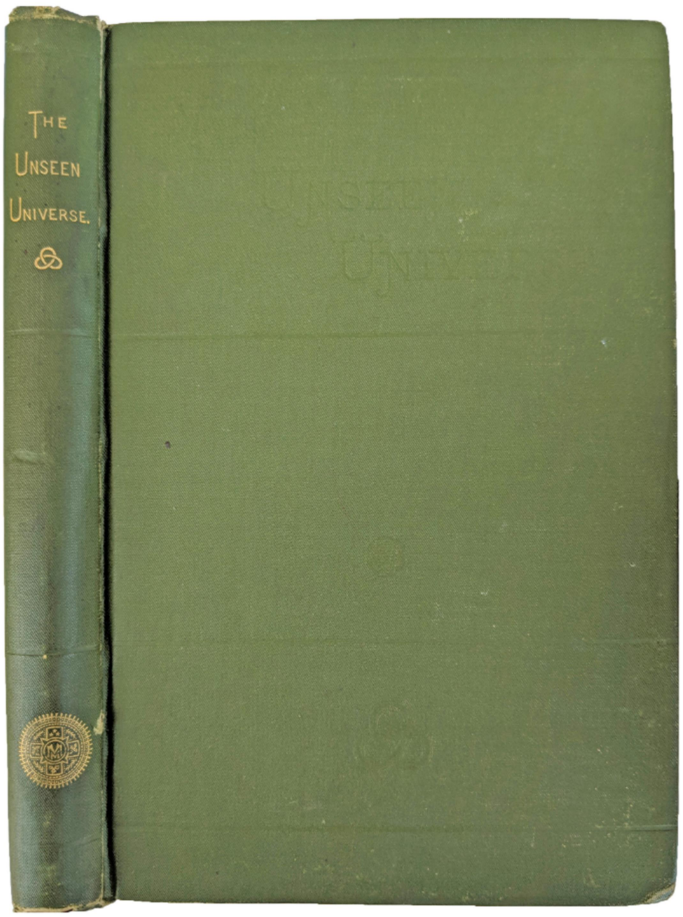

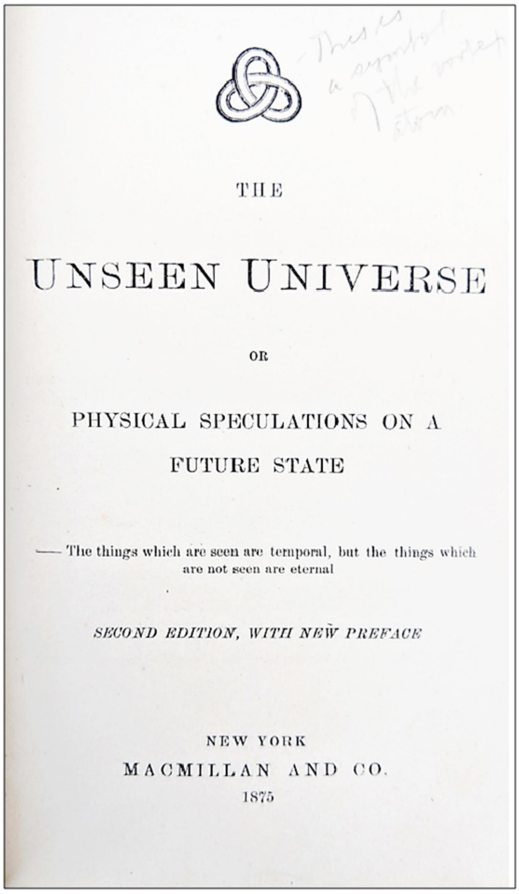

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OR

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— The things which are seen are temporal, but the things which are not seen are eternal

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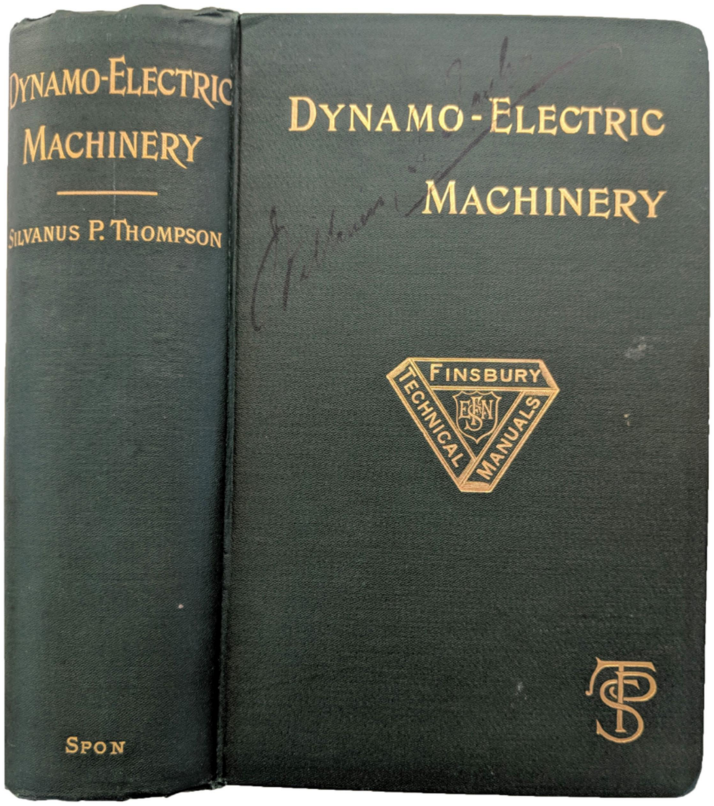

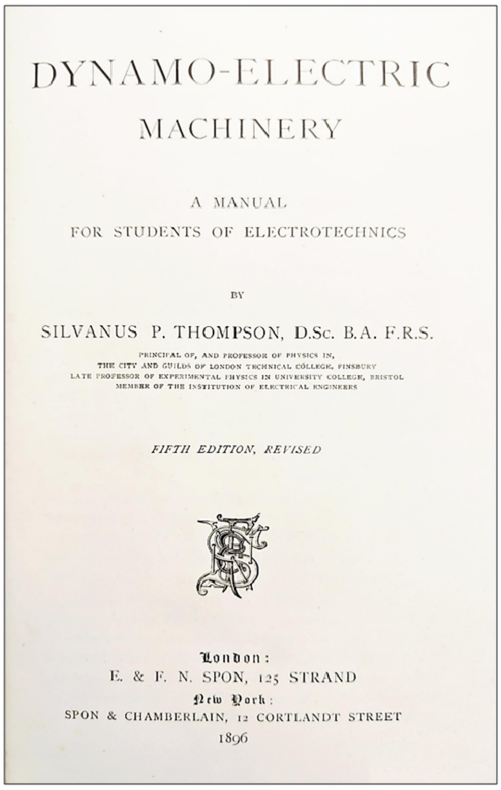
DYNAMO-ELECTRIC
MACHINERY

A MANUAL
FOR STUDENTS OF ELECTROTECHNICS

BY

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LATE PROFESSOR OF EXPERIMENTAL PHYSICS IN UNIVERSITY COLLEGE, BRISTOL
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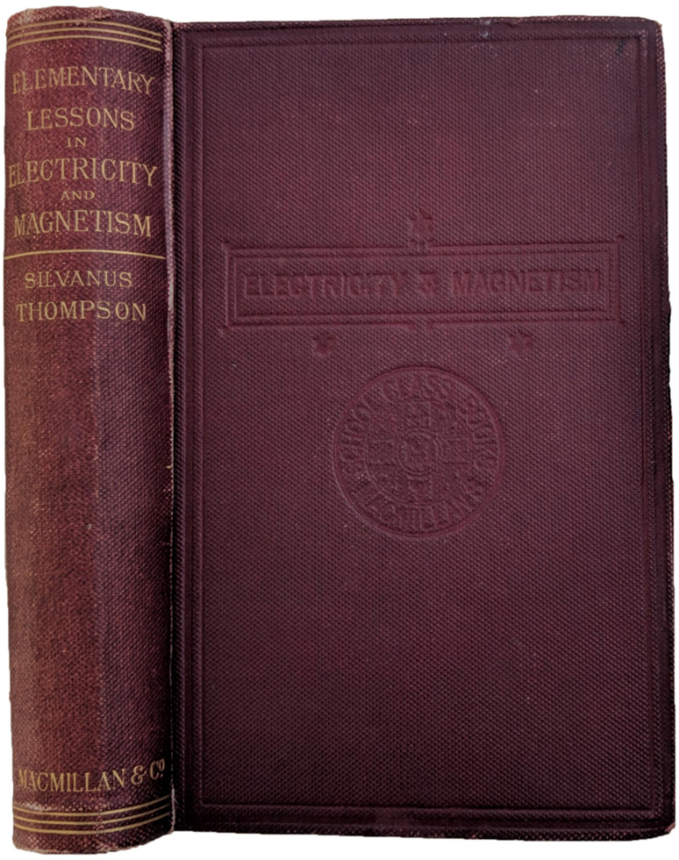

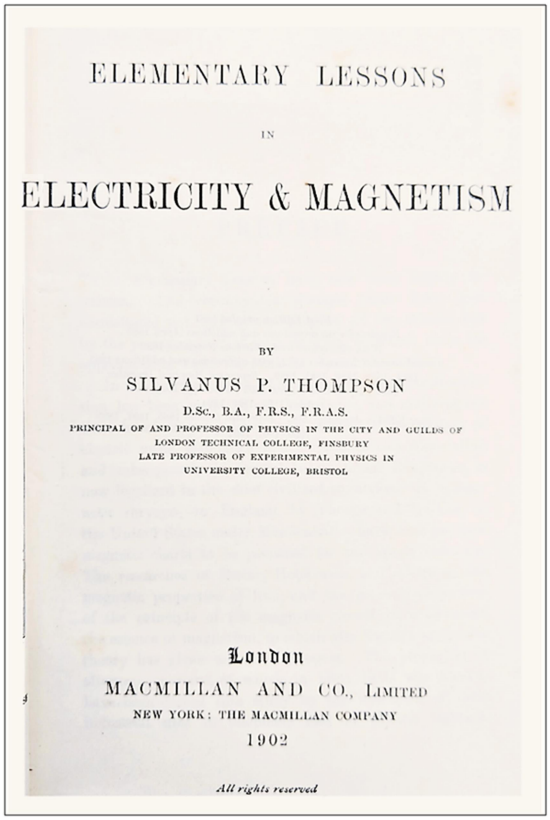
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IN

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D.Sc., B.A., F.R.S., F.R.A.S.

PRINCIPAL OF AND PROFESSOR OF PHYSICS IN THE CITY AND GUILDS OF LONDON TECHNICAL COLLEGE, FINSBURY

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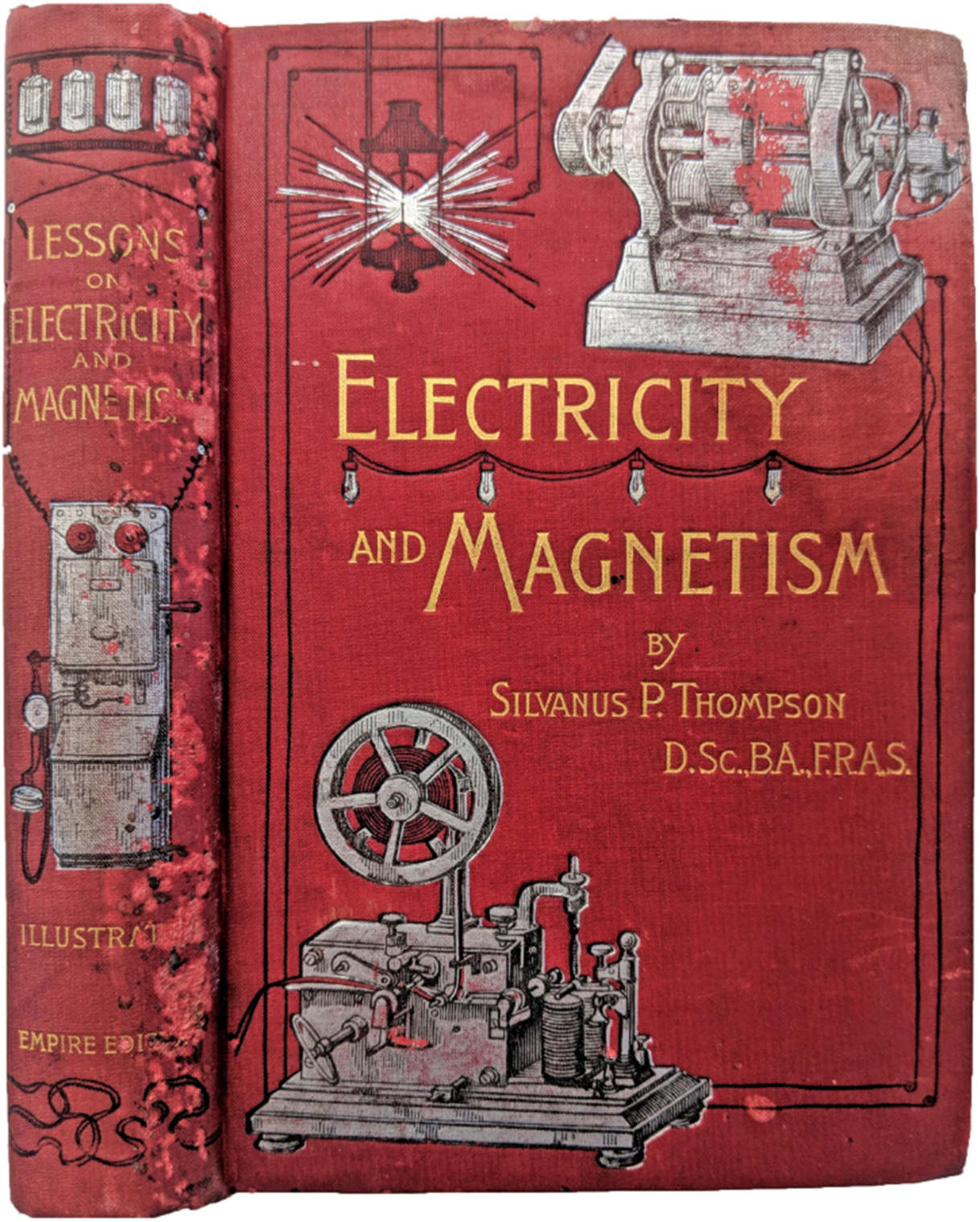
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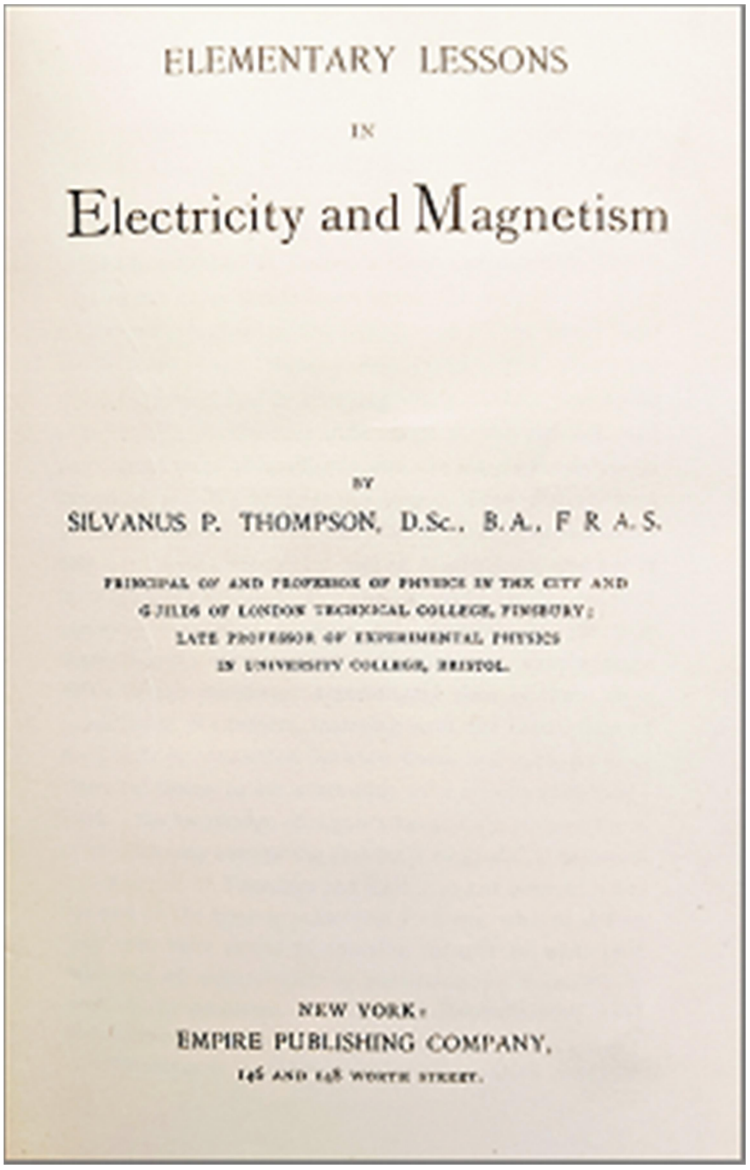
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Electricity and Magnetism

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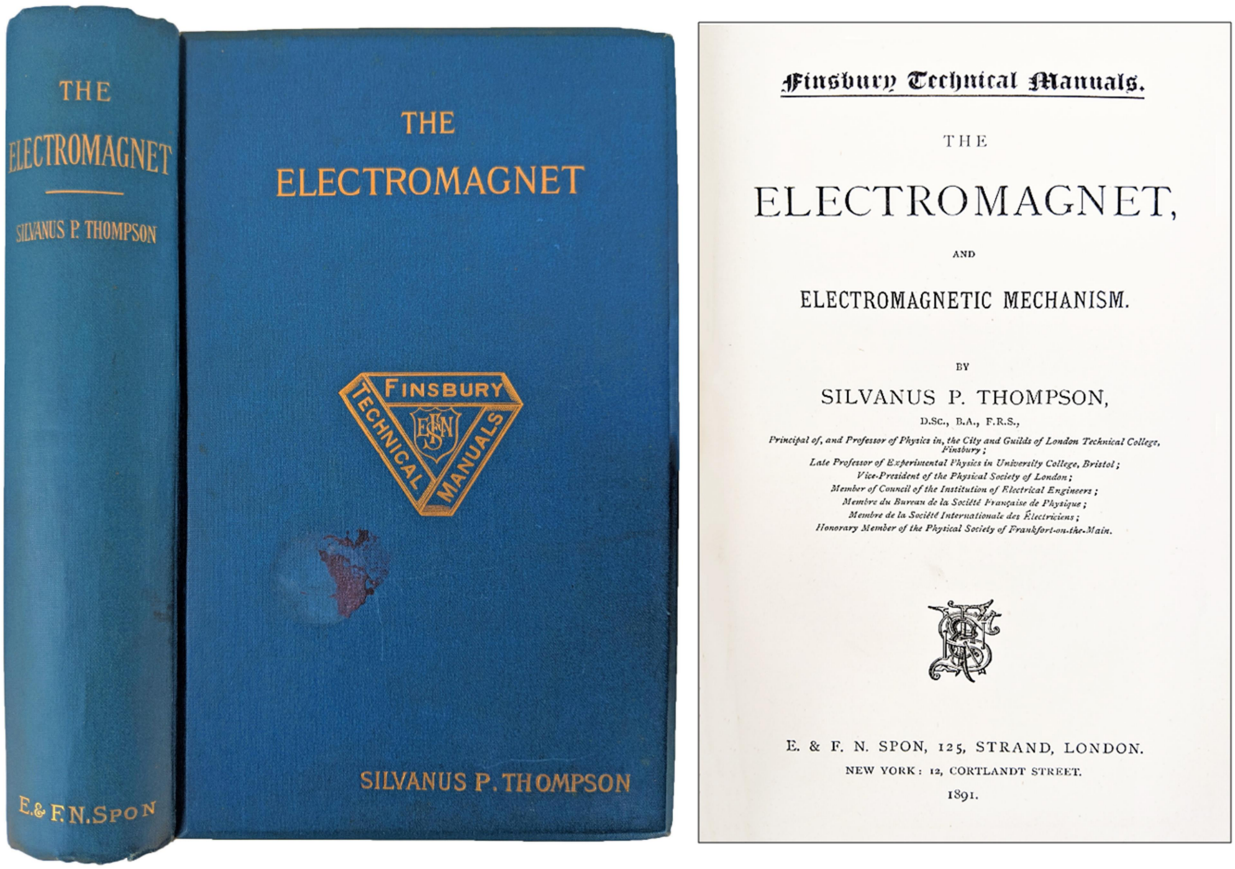

1679 **THOMPSON, Silvanus P**. (1851-1916). *The Electromagnet, and Electromagnetic Mechanism*. London: E. & F. N. Spon, 1891. ¶ Series: Finsbury Technical Manuals. 8vo. xx, 450, [2], 28 pp. 213 figs., index. Original blue blind- and gilt-stamped cloth; small circular stain on upper cover. Ownership signature of Geo. W. Blodgett. Very good.

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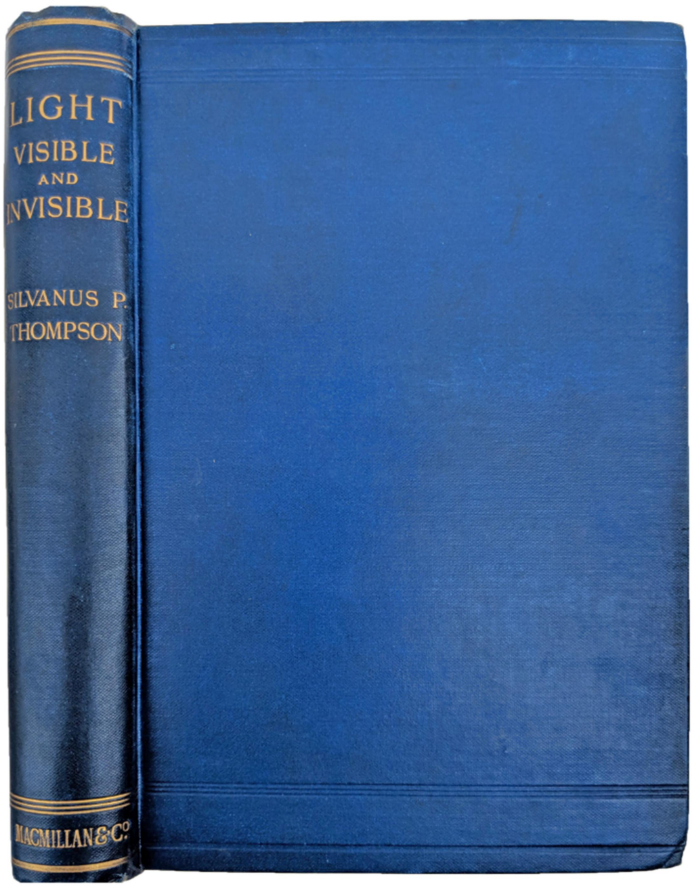

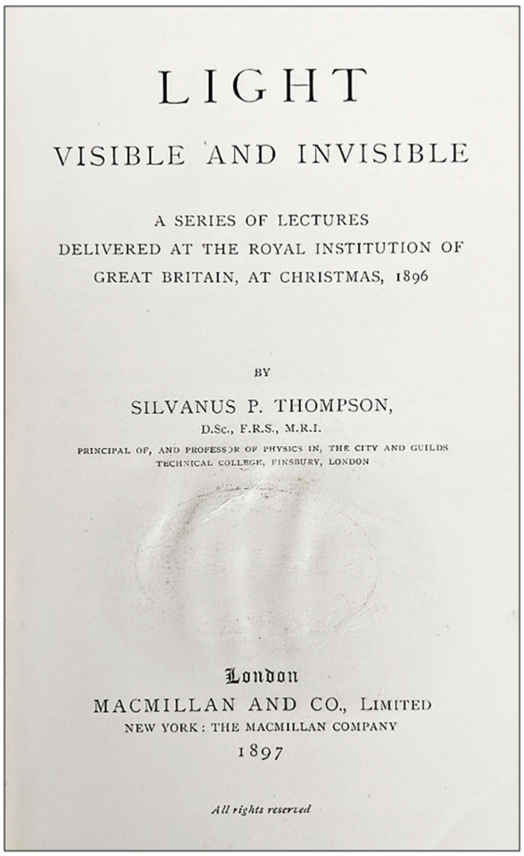

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PRINCIPAL OF, AND PROFESSOR OF PHYSICS IN, THE CITY AND GUILDS
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1680 **THOMPSON, Silvanus P**. (1851-1916). *Light; Visible and Invisible. A Series of Lectures Delivered at the Royal Institution of Great Britain, at Christmas, 1896*. London: Macmillan, 1897. ¶ 8vo. xii, 294, [2] pp. 158 figs. (incl. 9 photographs), index. Dark blue blind- and gilt-stamped cloth. Title with blemish (removing ownership mark). Very good.

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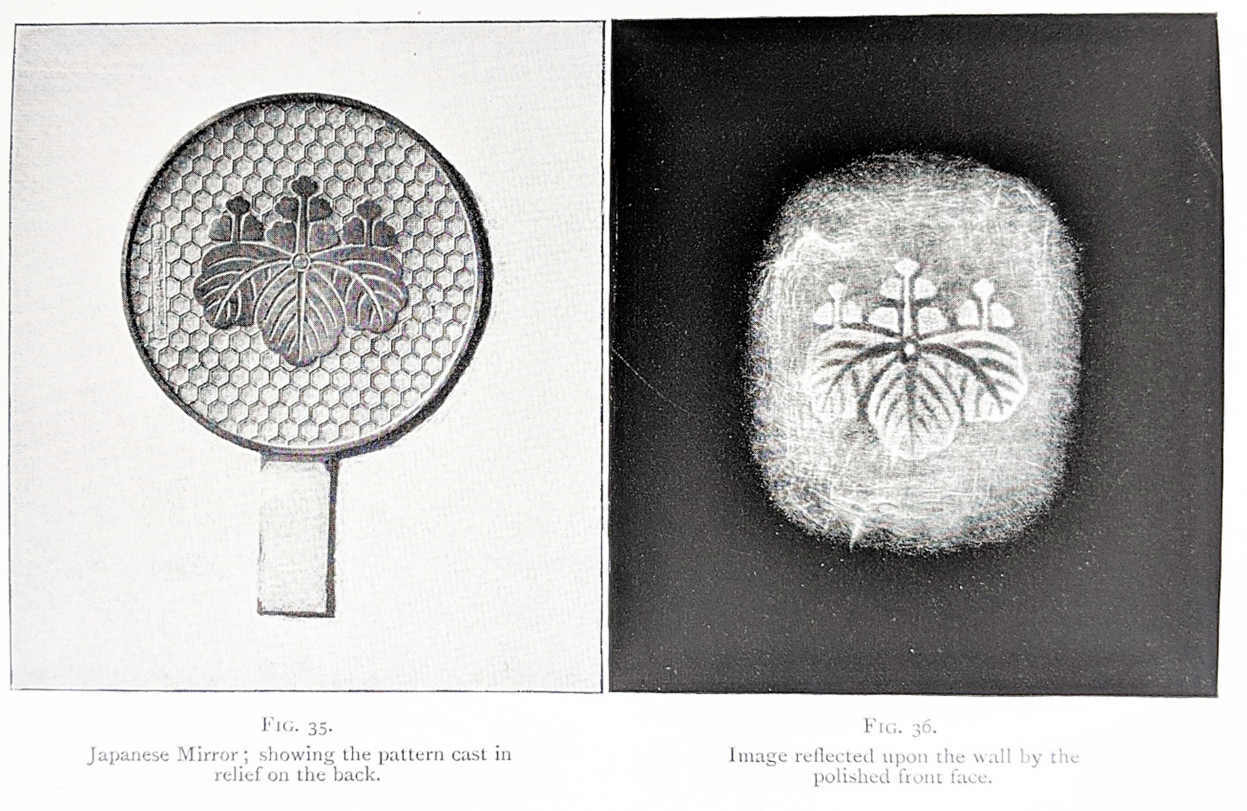
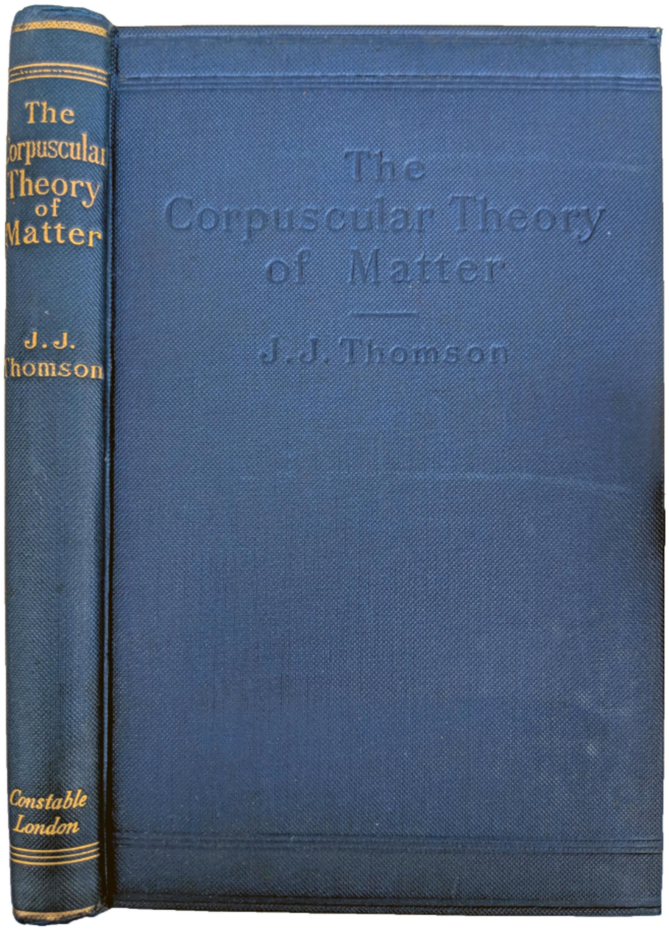
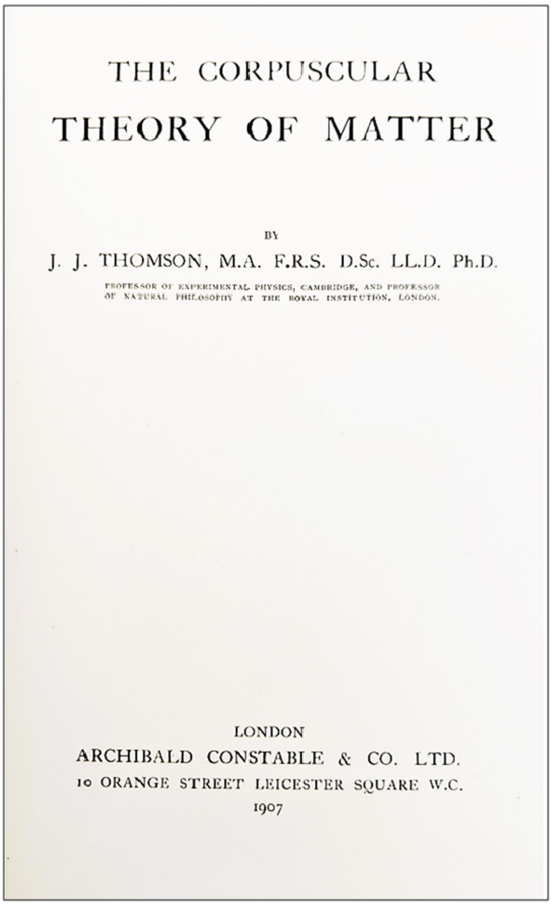


FIG. 35.
Japanese Mirror; showing the pattern cast in relief on the back.

FIG. 36.
Image reflected upon the wall by the polished front face.

[1680]




THE CORPUSCULAR
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PROFESSOR OF EXPERIMENTAL PHYSICS, CAMBRIDGE, AND PROFESSOR OF NATURAL PHILOSOPHY AT THE ROYAL INSTITUTION, LONDON.

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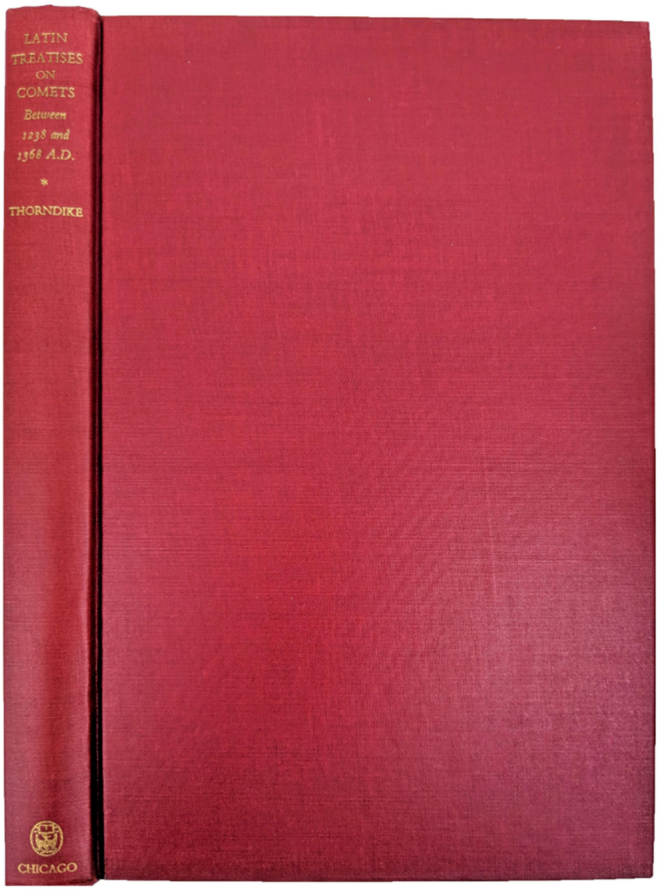
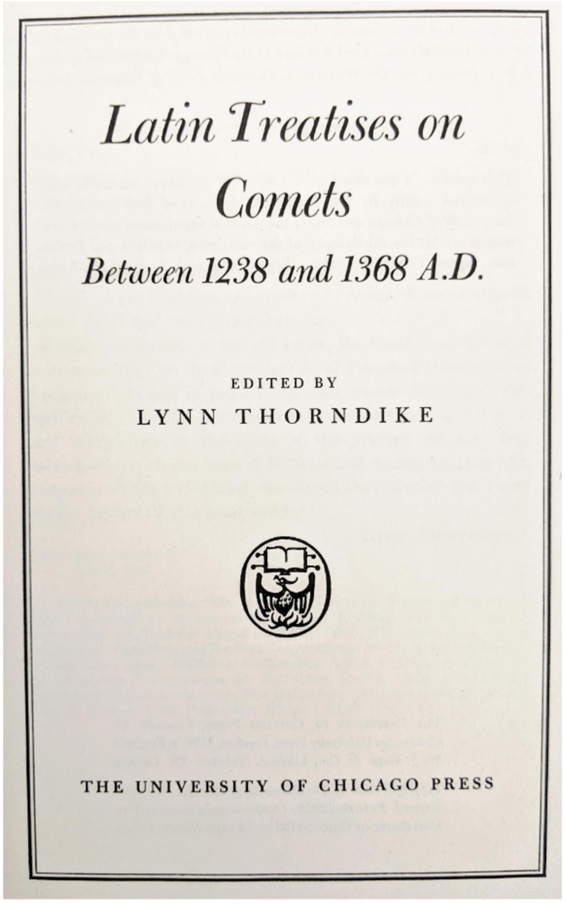
1681 **THOMSON, Joseph John** (1856-1940). *The Corpuscular Theory of Matter.* London: Archibald Constable, 1907. ¶ 8vo. vi, [2], 172 pp. 29 figs., index. Blue blind- and gilt-stamped cloth. Fine. Nice clean copy.

$ 100

First edition. An expansion of a course of lectures given by Thomson at the Royal Institution in early 1906. Thomson was the first person to discover of the electron, which he initially referred to as "corpuscles". In his Corpuscular Theory of Matter, Thomson sets out his model of the atom, in which negatively charged corpuscles orbit through an area of uniform positive charge.





1682 **THORNDIKE, Lynn** (1882-1965) [editor]. *Latin Treatises on Comets between 1238 and 1368 A. D.* Chicago: University of Chicago Press, 1950. ¶ 8vo. viii, [2], 274, [2] pp. Index. Crimson gilt-stamped cloth. Fine.

$ 35

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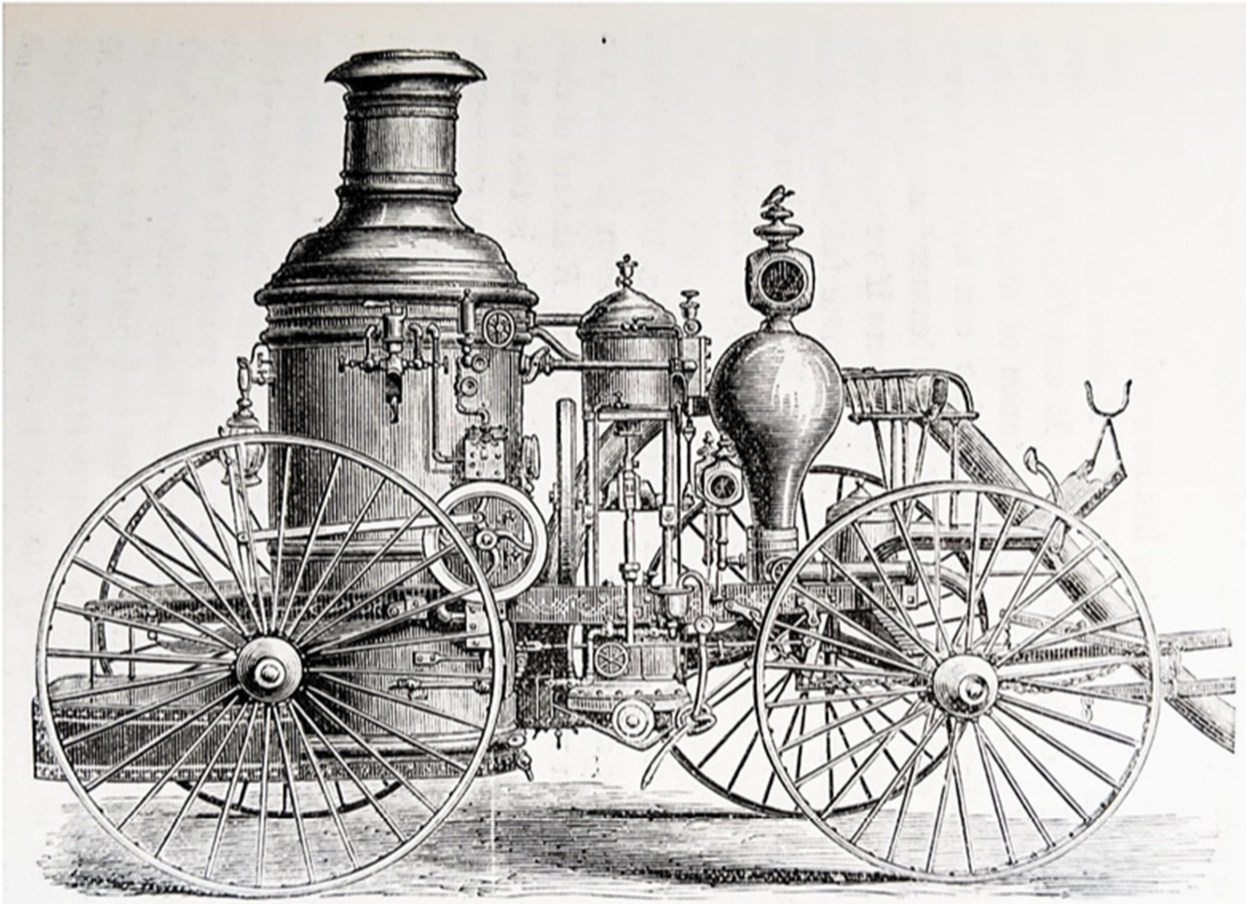

Fig. 120.—The Latta Steam Fire-Engine.

1683 **THURSTON, Robert Henry** (1839-1903). *A History of the Growth of the Steam-engine*. New York: D. Appleton, 1884. ¶ Series: The International Scientific Series. Crown 8vo. 4, xvi, [2], 481, [8] pp. Frontis., 147 figs., 15 ports., numerous vignettes, ads. Red black-stamped cloth, gilt spine; rubbed. Bookplate of C. S. Sumner. Very good.

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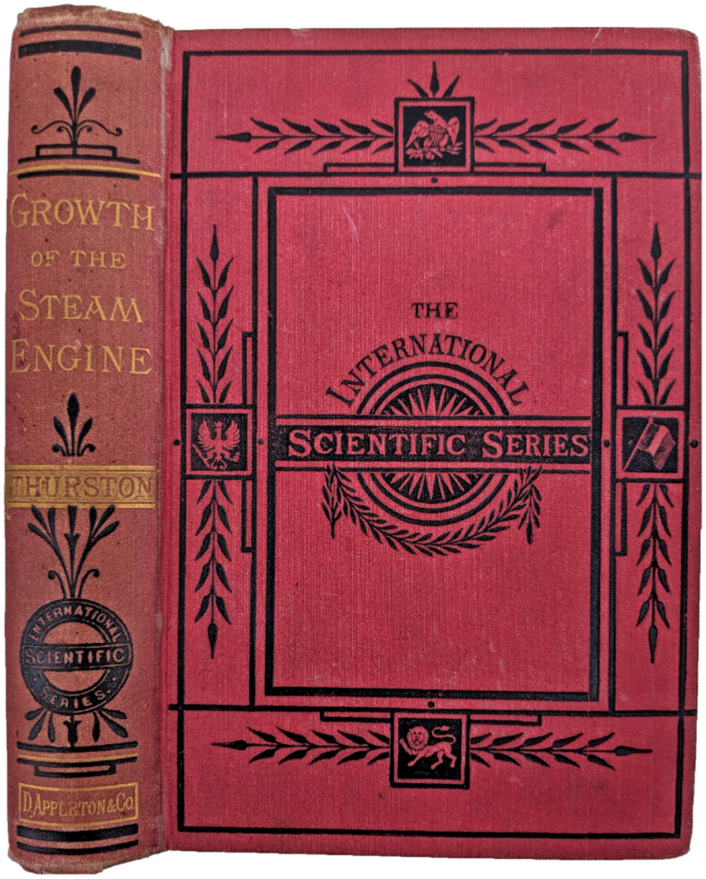

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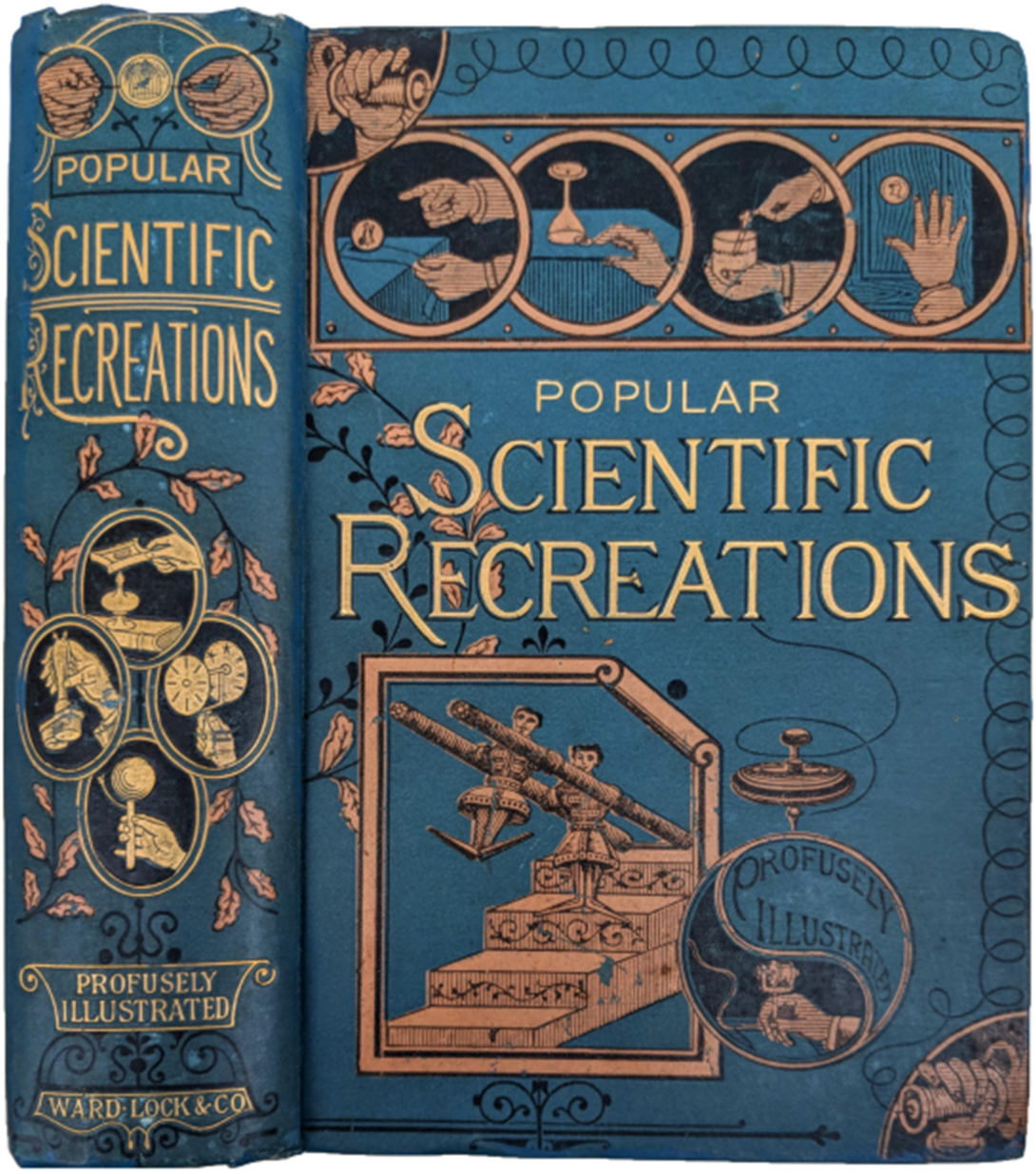

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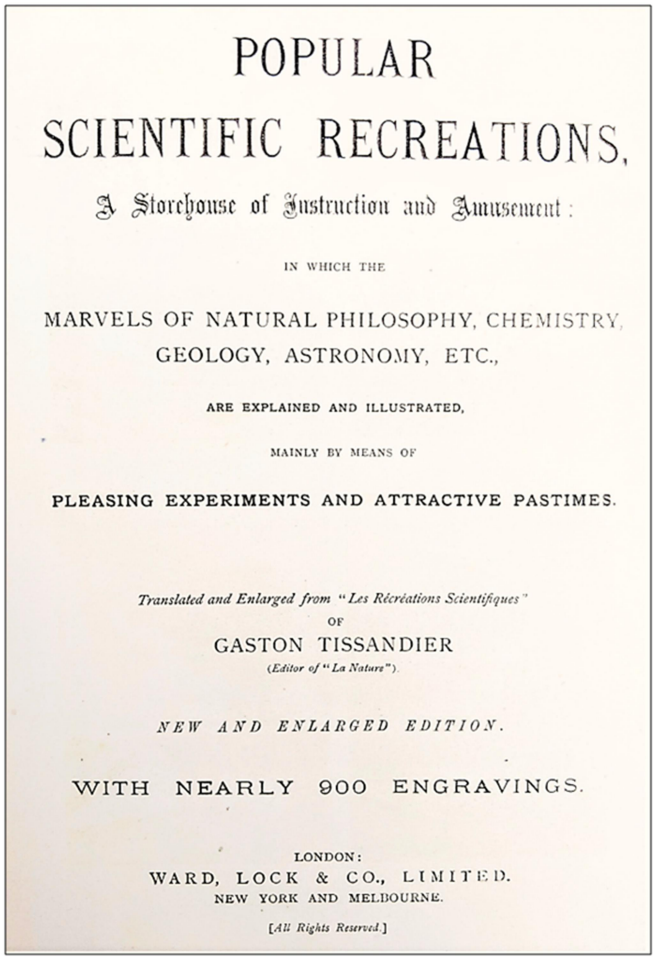

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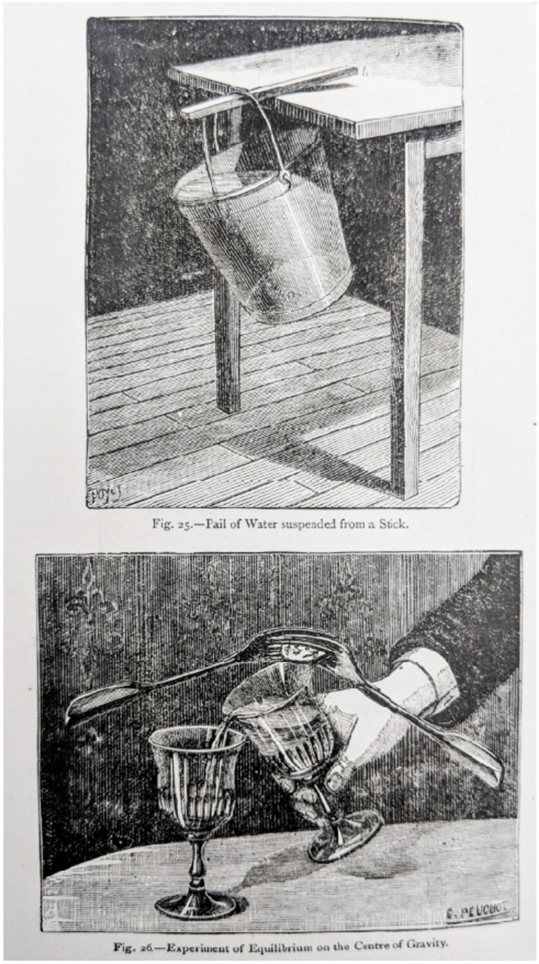
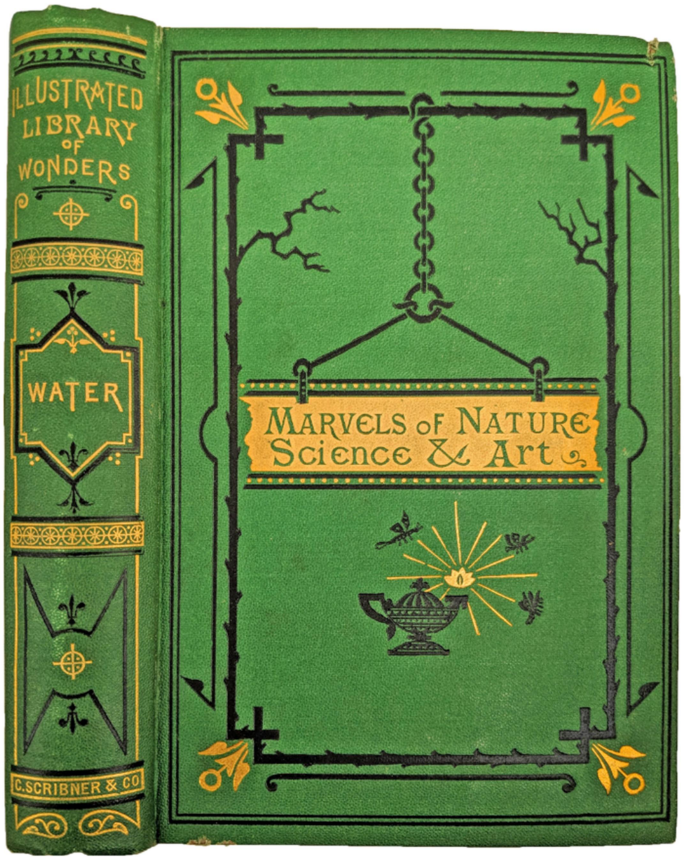
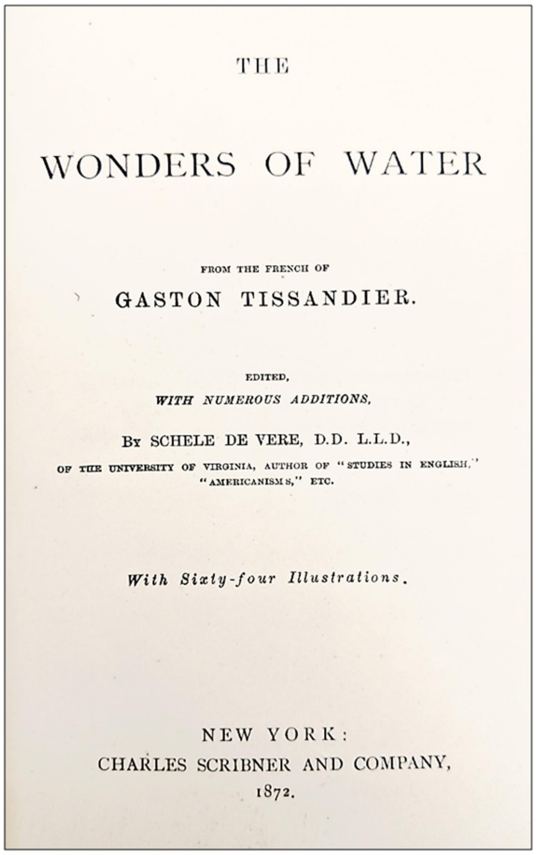


Fig. 25.—Pail of Water suspended from a Stick.

Fig. 26.—Experiment of Equilibrium on the Centre of Gravity.





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FROM THE FRENCH OF

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1685 **TISSANDIER, Gaston** (1843-1899). *The Wonders of Water. Edited, with numerous additions, by Schele de Vere*. New York: Charles Scribner, 1872. ¶ Series: *Illustrated Library of Wonders*. 8vo. [2], x, 350, [6] pp. 64 figs., appendix, ads. Original green blind-, black- and gilt-stamped cloth; front upper corner nicked. Bookplate of L. W. P. Norris, ownership inscription "James F. King, for his father, Christmas 1871". Very good, being a rather choice copy.

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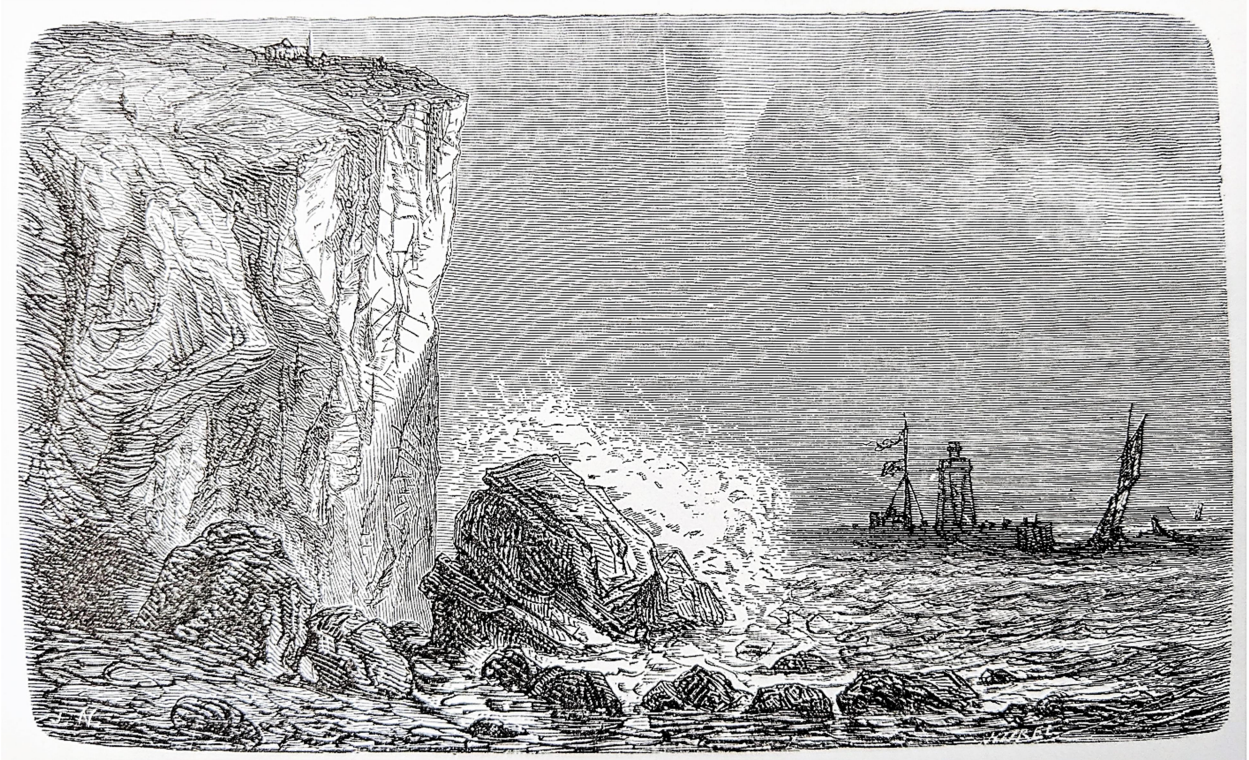
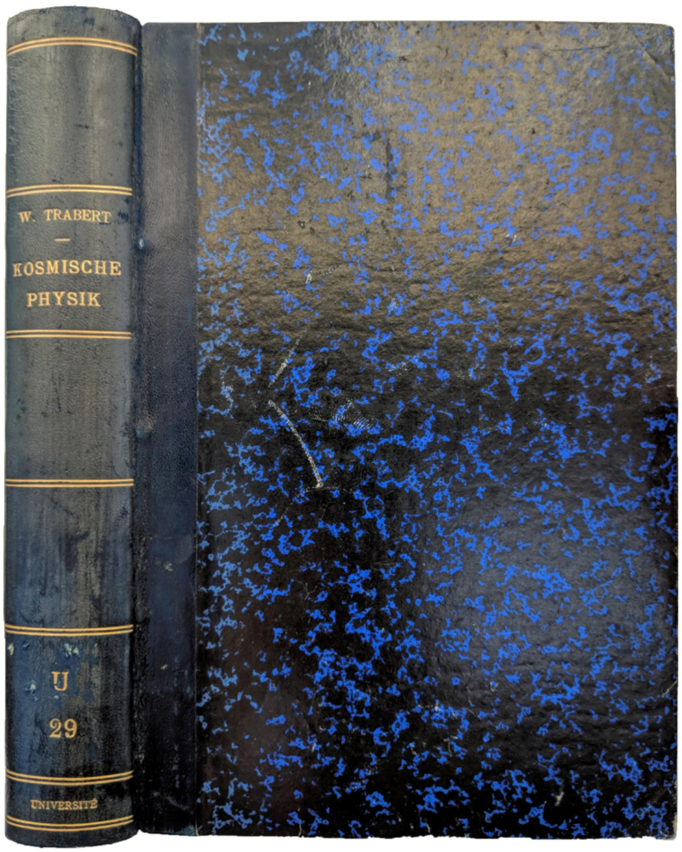
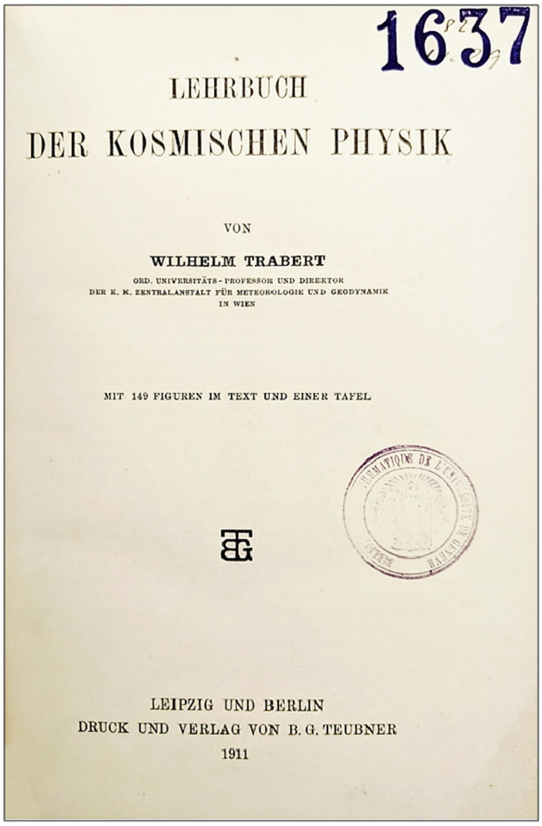


MASS OF DEBRIS OPPOSING THE WAVES.

[1685]





1686 **TRABERT, Wilhelm** (1863-1921). *Lehrbuch der Kosmischen Physik*. Leipzig & Berlin: B. G. Teubner, 1911. ¶ 8vo. X, 662 pp. Color folding map, 149 figs., index. Early quarter navy gilt-stamped calf, marbled boards. Library rubber-stamps (title). Very good.

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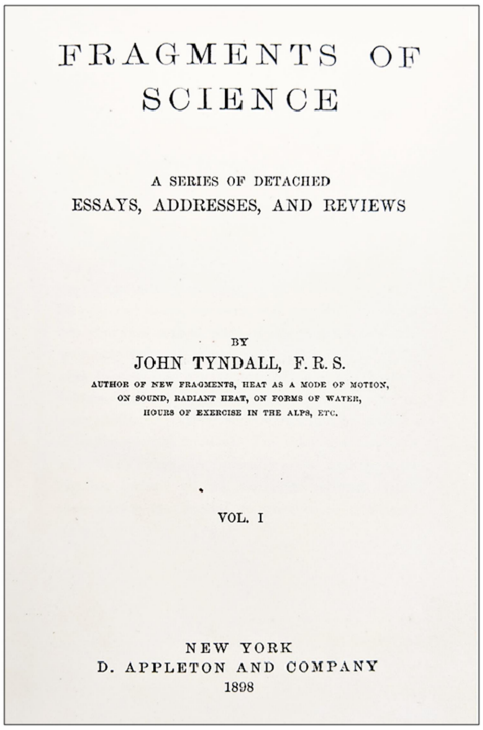
First edition. Trabert was a professor at the University of Innsbruck and director of the Vienna Central Institute for Meteorology and Geodynamics.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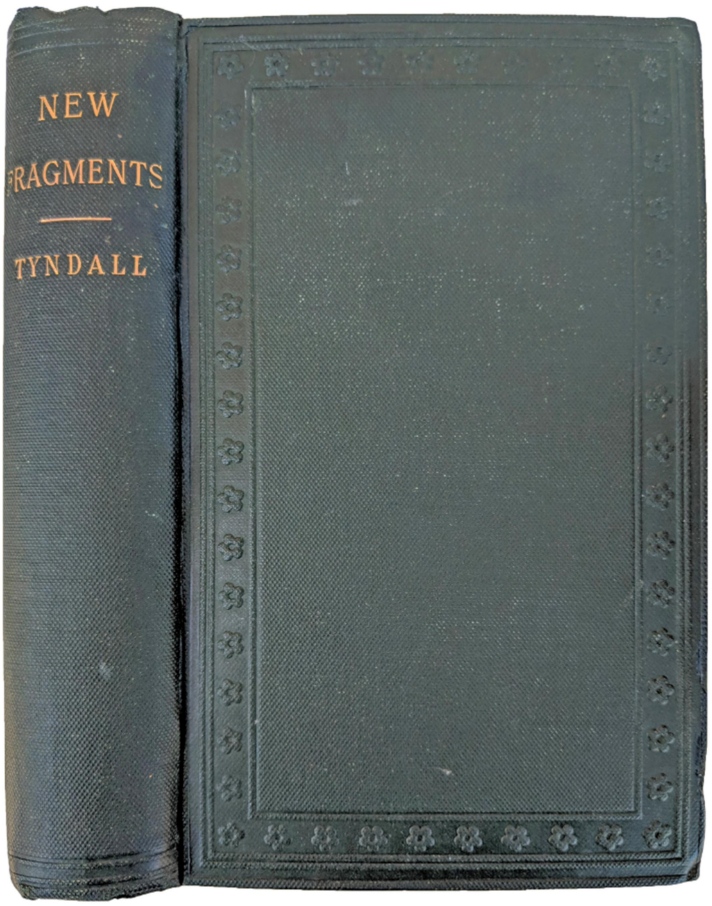
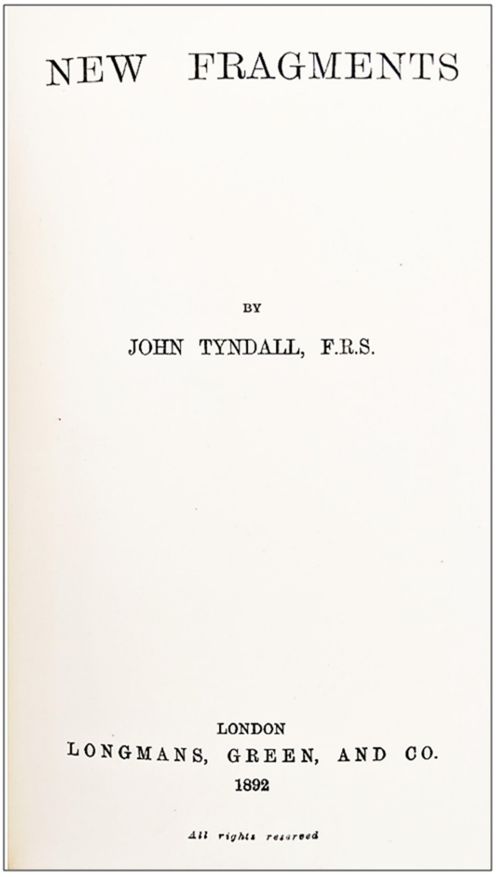
D. APPLETON AND COMPANY
1898

1687 **TYNDALL, John** (1820-1893). *Fragments of Science. A Series of Detached Essays, Addresses, and Reviews*. New York: D. Appleton, 1898. ¶ 2 volumes. Small 8vo. x, 452; v, [1], 452 pp. Half-titles, vol. I with 18 figs., map of Glen Roy, vol. II 1 fig. (p.312). Original half black leather, marbled boards, gilt spine, top edges gilt; extremities worn. Bookplates of William Rand. Good.

$ 17

Sixth edition, significantly expanded from earlier editions. Tyndall was an Irish physicist, and one of the one of the first scientists to identify and research the greenhouse effect.




NEW FRAGMENTS

BY

JOHN TYNDALL, F.R.S.

LONDON
LONGMANS, GREEN, AND CO.
1892

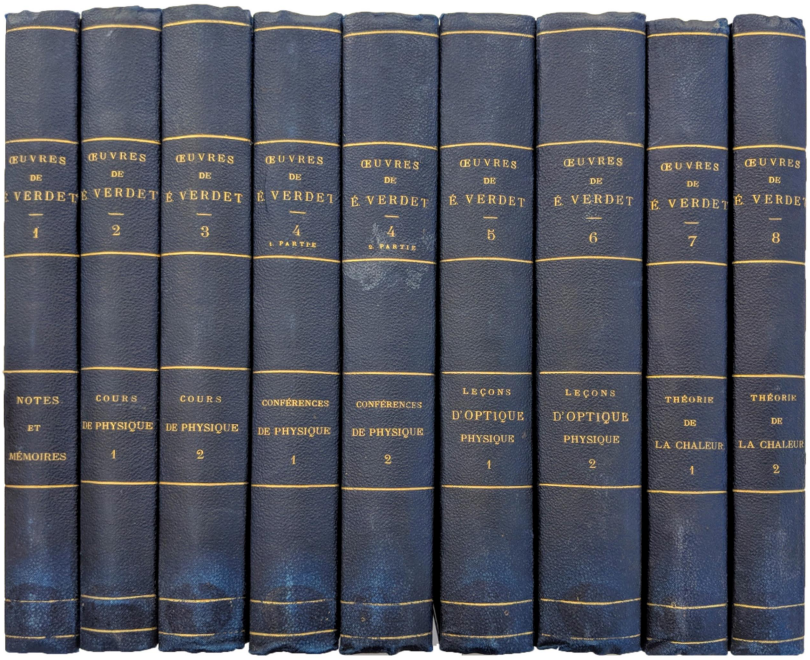
All rights reserved

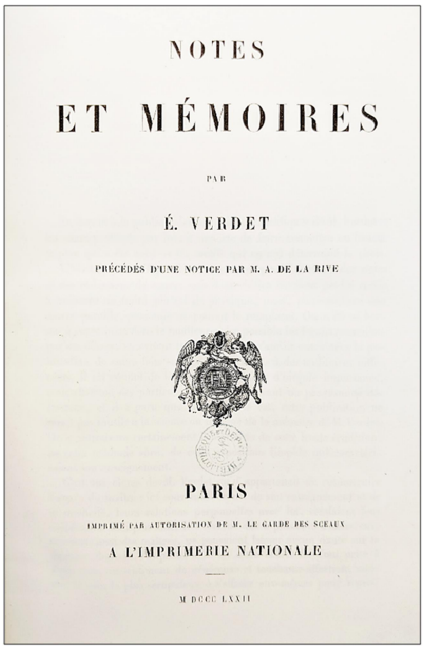
1688 **TYNDALL, John** (1820-1893). *New Fragments*. London: Longmans, Green, 1892. ¶ 8vo. [vi], 500, [4], 12 pp. Ads. Original dark green blind- and gilt-stamped cloth. Very good.

$ 35

First edition.

Chapters include: The Sabbath, Goethe's 'Farbenlehre', Atoms, Molecules, and Ether Waves, Count Rumford, Louis Pasteur, The Rainbow and its Congeners, Thomas Young, Life in the Alps, About Common Water, Personal Recollections of Thomas Carlyle, Old Alpine Jottings, etc.




NOTES

ET MÉMOIRES

PAR

É. VERDET

PRÉCÉDÉS D'UNE NOTICE PAR M. A. DE LA RIVE

PARIS

IMPRIMÉ PAR AUTORISATION DE M. LE GARDE DES SCEAUX

A L'IMPRIMERIE NATIONALE

M DCCC LXXII

1689 **VERDET, Emile** (1824-1866). *Oeuvres*. 9 volumes. Paris: L'Imprimerie Nationale, 1868-1872. 9 volumes. 8vo. Figs. Navy blind- and gilt-stamped cloth. Fine set.

$ 950

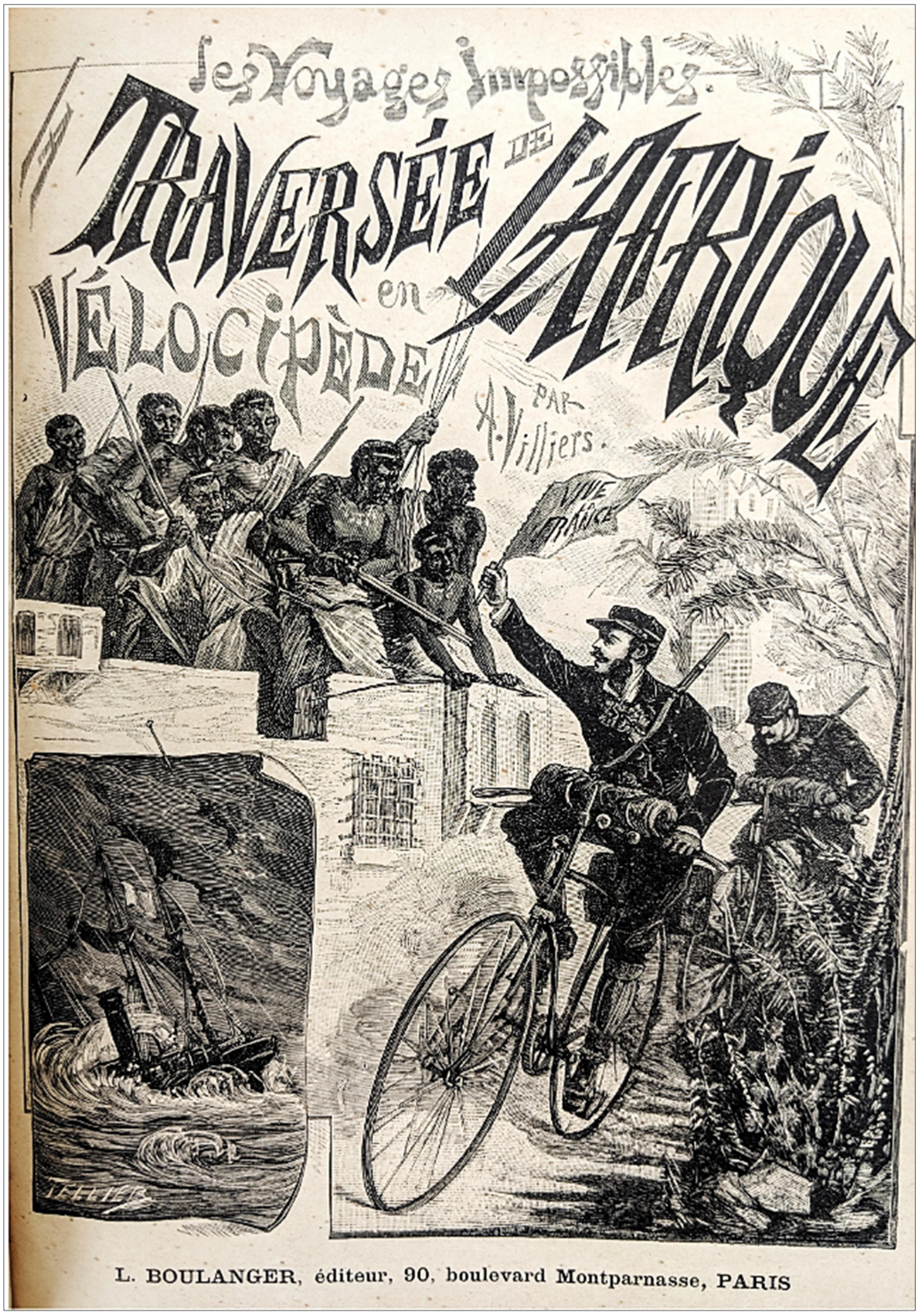
First collected edition. "Verdet was one of the outstanding physics teachers of mid-nineteenth-century France, holding professorships at the Ecole normale superieure, the Ecole polytechnique, and the Faculte des sciences in Paris. He introduced into the French scientific world the thermodynamics of Joule, Clausius, Helmholtz, and William Thompson, and conducted important experiments on the effects of a magnetic field on plane-polarized light.

Verdet educated his colleagues as well as his students. French physicists of his time were ignorant of much of the research going on outside their country, so Verdet undertook to publish abstracts of the most important articles appearing in foreign journals. From 1852 to 1864 every volume of the Annales de Chimie contained ten or more of his synopses. Since much of the work being done in England Germany in this era centered on the development of the mechanical

theory of heat. Verdet soon became the French expert in this subject." – DSB XIII, p. 614-615.

MARCEL ÉMILE VERDET (13 March 1824 – 3 June 1866) was a French physicist. He worked in magnetism and optics, editing the works of Augustin-Jean Fresnel. Verdet did much to champion the early theory of the conservation of energy in France through his editorial supervision of the Annales de chimie et de physique.

The Verdet constant is named after him.

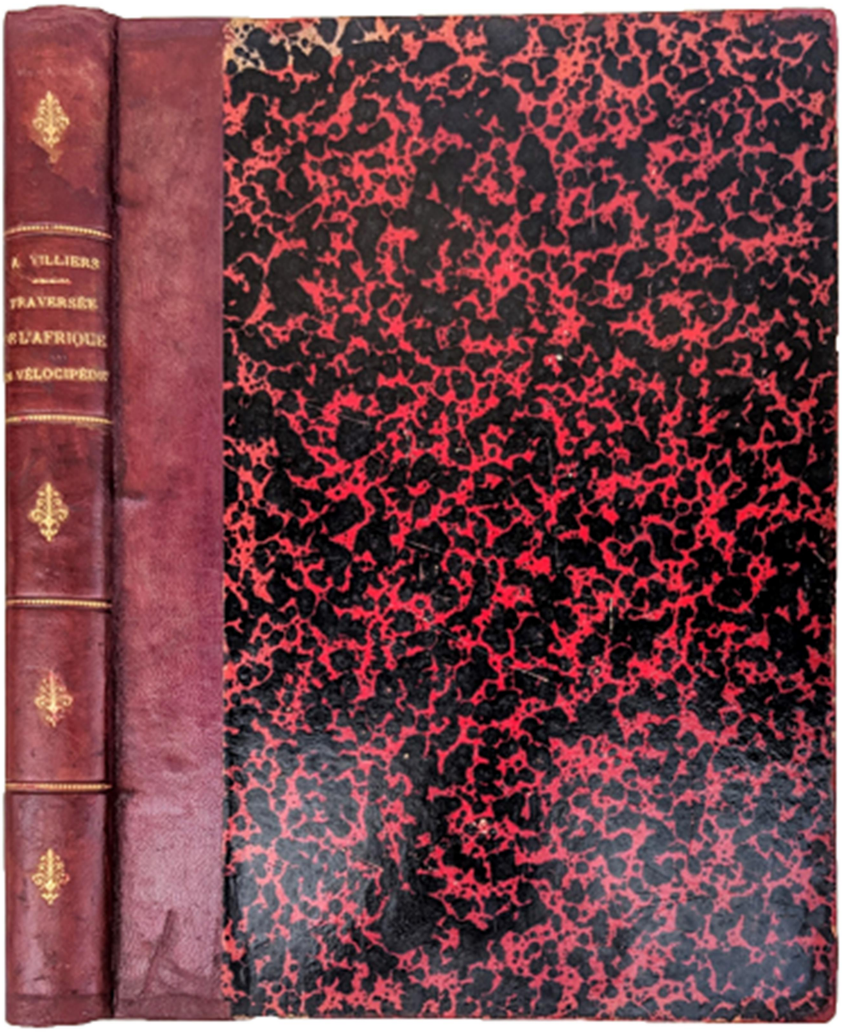

Les Voyages Impossibles.
TRAVERSÉE DE L'AFRIQUE
en VÉLOCIPÈDE
PAR
A. Villiers.
VIVE LA FRANCE
L. BOULANGER, éditeur, 90, boulevard Montparnasse, PARIS

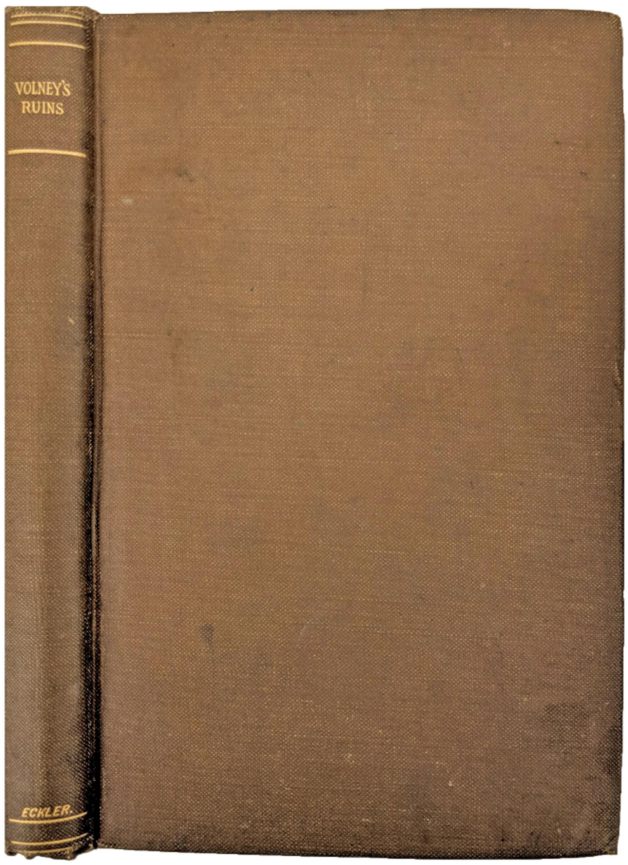
The "impossible voyage" – a bicycle tour of Africa

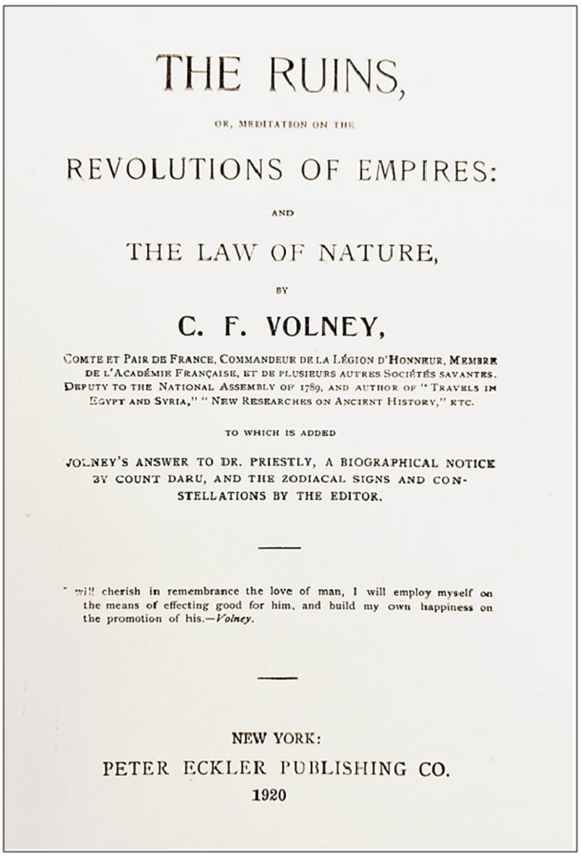
1690 **VILLIERS, Auguste** (1838-1889). *Les Voyages Impossible: La Traversee de L'Afrique en Velocipede.* Paris: L. Boulanger, 1892. ¶ 4to. 572 pp. Engraved half-title, full-page engraved illustrations. Contemporary quarter gilt-stamped calf, marbled boards; extremities worn. Very good. Extremely rare.

$ 400

Beautifully illustrated. The only other copy found online is at the Bibliotheque Nationale de France. This volume, which may or may not have been written by the French symbolist and science fiction writer Auguste Villiers de l'Isle-Adam (the author's name is given as August Villiers, however the publication date is 3 years after Villiers de l'Isle-Adam's death, and there is no introduction or preface to clarify whether it is the same man). The fictionalized travelogue describes the narrator's fanciful adventures throughout Africa on bicycle, and his encounters with various natives, wild animals, and beautiful women.







THE RUINS,

OR, MEDITATION ON THE

REVOLUTIONS OF EMPIRES:

AND

THE LAW OF NATURE,

BY

C. F. VOLNEY,

COMTE ET PAIR DE FRANCE, COMMANDEUR DE LA LÉGION D'HONNEUR, MEMBRE DE L'ACADÉMIE FRANÇAISE, ET DE PLUSIEURS AUTRES SOCIÉTÉS SAVANTES. DEPUTY TO THE NATIONAL ASSEMBLY OF 1789, AND AUTHOR OF "TRAVELS IN EGYPT AND SYRIA," "NEW RESEARCHES ON ANCIENT HISTORY," ETC.

TO WHICH IS ADDED

VOLNEY'S ANSWER TO DR. PRIESTLY, A BIOGRAPHICAL NOTICE BY COUNT DARU, AND THE ZODIACAL SIGNS AND CONSTELLATIONS BY THE EDITOR.

—

"... will cherish in remembrance the love of man, I will employ myself on the means of effecting good for him, and build my own happiness on the promotion of his.—*Volney.*

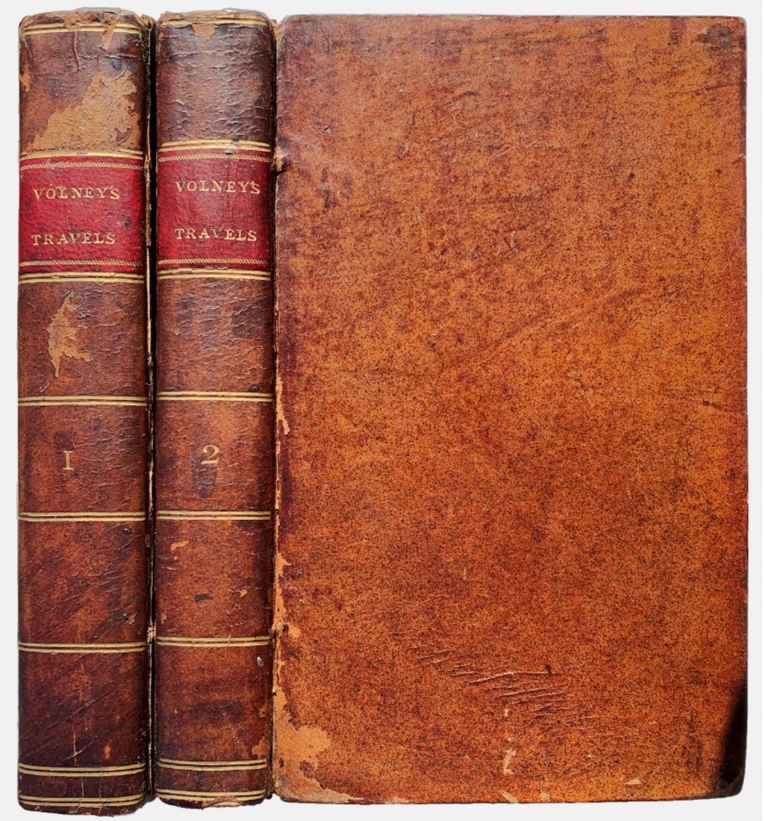
—

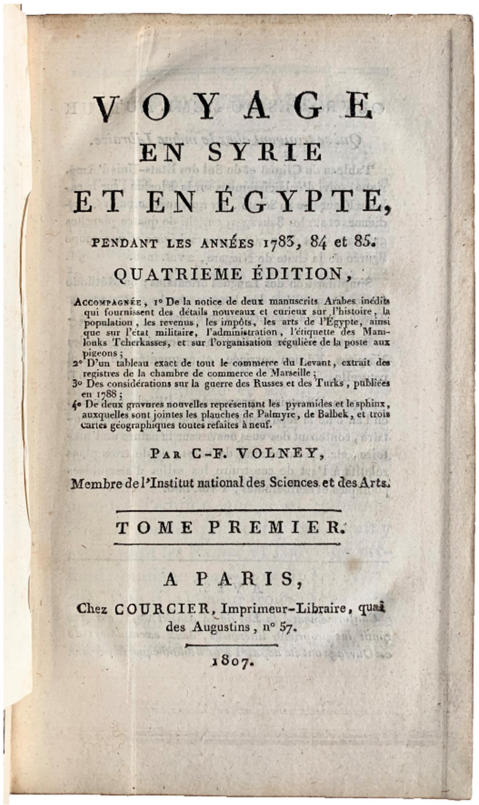
NEW YORK:
PETER ECKLER PUBLISHING CO.
1920

1691 **VOLNEY, Constantin Francois de Chassebœuf, Comte de** (1757-1820). *The Ruins, or, Meditation on the Revolutions of Empires: and the Law of Nature*. New York: Peter Eckler, 1920. ¶ 8vo. xxii, 225, [1] pp. Frontis., plates. Brown gilt-stamped cloth. Book-label of Richard A. Weiss. Very good.

$ 30

Volney's own translation, made with the help of the American poet Joel Barlow. It is composed of Volney's various philosophical speculations on the nature of political and religious revolutions.





VOYAGE
EN SYRIE
ET EN ÉGYPTE,
PENDANT LES ANNÉES 1783, 84 et 85.
QUATRIEME ÉDITION,

Accompagnée, 1° De la notice de deux manuscrits Arabes inédits qui fournissent des détails nouveaux et curieux sur l'histoire, la population, les revenus, les impôts, les arts de l'Égypte, ainsi que sur l'état militaire, l'administration, l'étiquette des Mamlouks Tcherkasses, et sur l'organisation régulière de la poste aux pigeons;
2° D'un tableau exact de tout le commerce du Levant, extrait des registres de la chambre de commerce de Marseille;
3° Des considérations sur la guerre des Russes et des Turks, publiées en 1788;
4° De deux gravures nouvelles représentant les pyramides et le sphinx, auxquelles sont jointes les planches de Palmyre, de Balbek, et trois cartes géographiques toutes refaites à neuf.

PAR C.-F. VOLNEY,
Membre de l'Institut national des Sciences et des Arts.

TOME PREMIER.

A PARIS,
Chez COURCIER, Imprimeur-Libraire, quai des Augustins, n° 57.
1807.

Voyage to Syria and Egypt

1692 **VOLNEY, Constantin Francois de Chassebœuf, comte de** (1757-1820). *Voyage en Syrie et en Egypte, pendant les annees 1783, 84, et 85*. Quatrieme Edition. [2 volumes] Paris: Courcier, 1807.

¶ 2 volumes. 8vo. [6], x, 487, [1]; [iv], 492 pp. Half-titles, 5 folding engraved plates (including detailed engravings of the Sphinx and the Pyramids of Giza), 3 folding maps (incl. frontis., a folding map of Egypt, p. 288 Syria, II, p. 400 Turkey), ads (in front & rear). Original full mottled calf, gilt spine, red leather spine labels; joints rubbed but strong. Ownership Signature of Benjamin B. Wood. Very good.

$ 600

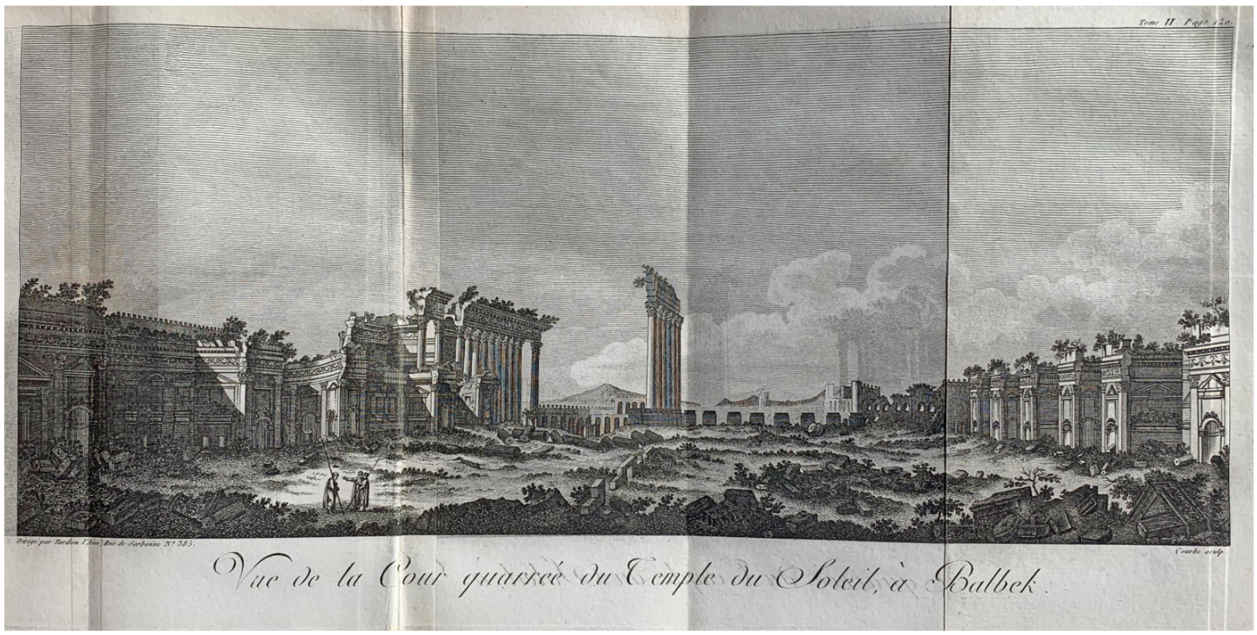
Fourth edition, first issued in 1787, here printed with additional plates. This is a key source for the study of Ottoman Egypt, Syria and modern day Lebanon, sometimes called the Levant. Volney describes the geography of the region, the climate, its history, cultures, the militia, economy and trade, diseases, the

monuments, natural history, politics, people, law, religions, farming and agriculture, craftsmen, merchants, commerce, arts, sciences, and character of the inhabitants. All this is set within the presence of the years just prior to the outbreak of the French Revolution, which started in 1789.

"In 1783 Volney gave up the thought of following any particular profession and set out for the East. He arrived at Cairo ostensibly on a scientific mission, although many there regarded him as a spy [he was later accused of spying on America by John Adams' administration]. In order to master Arabic he shut himself away in a convent for eight months, then journeyed to the pyramids at Giza, and moved to Suez where he lived with the Bedouin. While there he entertained the notion of constructing a canal to link the Mediterranean with the Red Sea. Sailing from Alexandria in September 1783, he visited Syria and the Lebanon, concluding his journey at Acre (=Akko) in 1785. After a brief halt at Alexandria he returned to France, where his documents turned out to be of enormous value in the planning of Napoleon's campaign to Egypt. Volney, however, persistently opposed such intervention, despite producing a pamphlet which uncannily anticipated French involvement in the region." – Encyclopedia of Exploration to 1800, V61.

"The French author and traveller Constantin-Francois de Chasseboeuf (1757–1820) adopted the pen name Volney, which combined the name of Voltaire and Ferney, where the great philosopher lived. A friend of Thomas Jefferson and other Enlightenment figures, Volney used an inheritance to further his education by travelling to Ottoman Egypt and the historical region of Syria, visiting areas of present-day Lebanon and Israel. He chose these lands as he believed he would gain political and philosophical insights from their ancient heritage. Very little

had been written in the West about these areas before he published this two-volume account in 1787. It enjoyed great popularity and even accompanied Darwin aboard the Beagle on his own voyage of discovery decades later. Reissued here is the revised and corrected French second edition, which also appeared in 1787. The volumes explore geography, history, ethnic divisions, religious beliefs, commerce, politics and customs." – Cambridge University Press (2014).



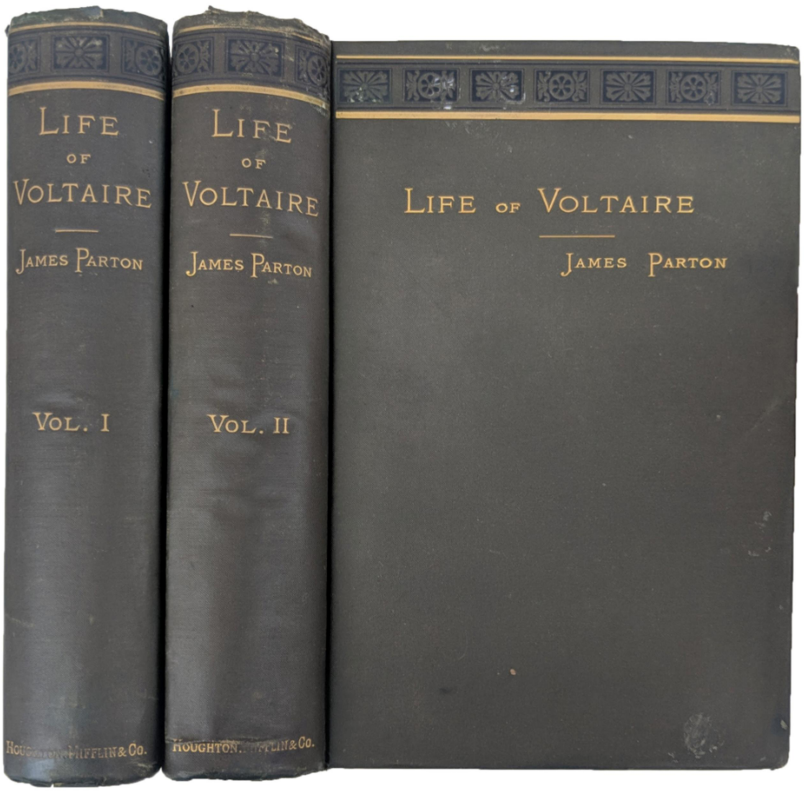
De Volney was a French philosopher and historian, and a member of the Estates-General during the French Revolution. Alexander Cook*, who believes that Volney's influence is as a "key thinker", though often forgotten in today's sense of that history, examines this books as a specimen of geo-politics of both French anti-imperialist thought and French imperial practice in North Africa and the Levant, where France was seeking to expand its global influence and power during the following decades. [* Cook is at Australian National University, School of History, received his PhD from University of Cambridge].

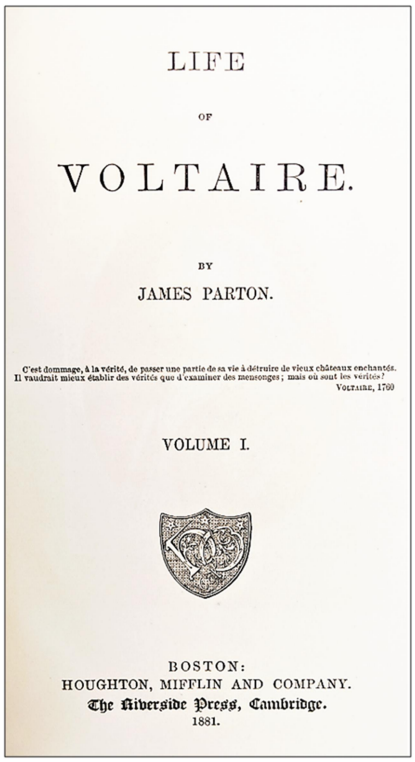
CONTENTS: Volume 1: Préface; - Part I. Etat physique de l'Egypte: - 1. De l'Egypte en général, et de la ville d'Alexandrie; - 2. Du Nil, et de l'extension du delta; - 3. De l'exhaussement de delta; - 4. Des vents de l'Egypte; - 5. Du climat et de l'air d'Egypte; - Part II. Etat politique de l'Egypte: - 6. Des diverses races des habitants de l'Egypte; - 7. Précis de l'histoire des Mamlouks; - 8. Précis de l'histoire de d'Ali-bek; - 9. Précis des évènements arrives depuis la mort d'Ali-bek jusqu'en 1785; - 10. Etat présent de l'Egypte; - 11. Constitution de la milice des Mamlouks; - 12. Gouvernement des Mamlouks; - 13. Etat du commerce; - 14. De l'isthme de Suez; - 15. Des douanes et des impôts; - 16. De la ville du Kaire; - 17. Des maladies de l'Egypte; - 18. Tableau résume de l'Egypte; - 19. Des ruines

et des pyramides; - Part III. Etat physique de la Syrie: - 20. Géographie et histoire naturelle de la Syrie; - 21. Considérations sur les phénomènes des vents, des nuages, des pluies, des brouillards et du tonnerre; - Part IV. Etat politique de la Syrie: - 22. Des habitants de la Syrie, et de la langue usitée; - 23. Des peuples errants ou pasteurs en Syrie. Volume 2: - 24. Des peuples agricoles ou sédentaires de la Syrie; - 25. Précis de l'histoire de Daher; - 26. Distribution de la Syrie par pachalics; - 27. Du pachalic d'Alep; - 28. Du pachalic de Tripoli; - 29. Du pachalic de Saide; - 30. Du pachalic de Damas; - 31. De la Palestine; - 32. Résume de la Syrie; - 33. Du gouvernement des Turks en Syrie; - 34. De l'administration de la justice; - 35. De l'influence de a religion; - 36. De la propriété et des conditions; - 37. Des paysans et de l'agriculture; - 38. Des artisans, des marchands, et du commerce; - 39. Des arts, des sciences, et de l'ignorance; - 40. Des habitudes et du caractère des habitants de la Syrie.

PROVENANCE: Benjamin B. Wood (unknown, as there are many with this name).

See: Alexander Cook, "The Great Society of the Human Species': Volney and the Global Politics of Revolutionary France," Intellectual History Review, Volume 23, 2013 - Issue 3: Discourses of Humanity in the Enlightenment: Local Mediations of a Global Aspiration; Alexander Cook, "Volney and the Science of Morality in Revolutionary France," Humanities Research, Vol. 16, No. 2, May 1, 2010; Samir Khalaf, Protestant Missionaries in the Levant: Ungodly Puritans, 1820-1860, Routledge, 2012.




LIFE

OF

VOLTAIRE.

BY

JAMES PARTON.

C'est dommage, à la vérité, de passer une partie de sa vie à détruire de vieux châteaux enchantés. Il vaudrait mieux établir des vérités que d'examiner des mensonges; mais où sont les vérités?
VOLTAIRE, 1760

VOLUME I.

BOSTON:
HOUGHTON, MIFFLIN AND COMPANY.
The Riverside Press, Cambridge.
1881.

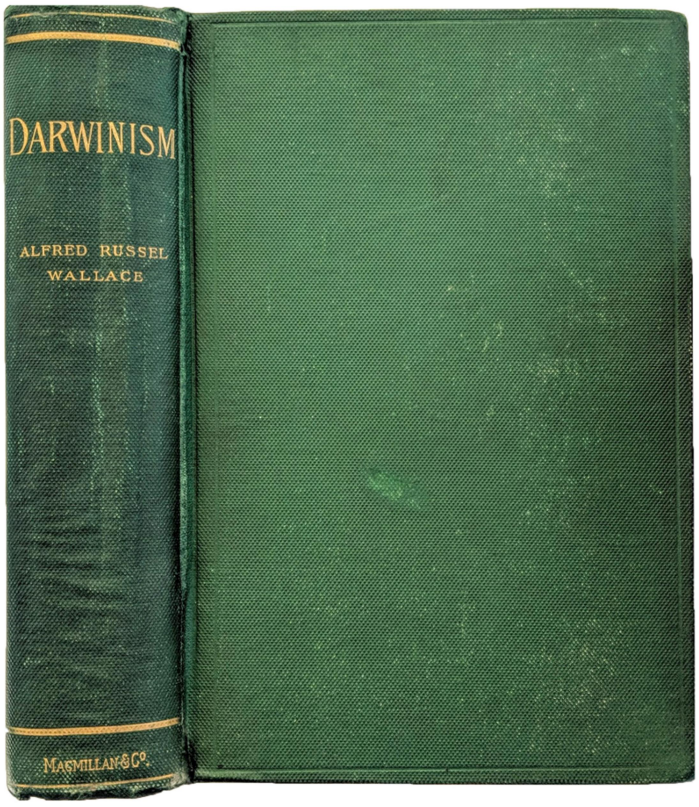
1693 **[VOLTAIRE] PARTON, James** (1822-1891). *Life of Voltaire*. Boston: Houghton, Mifflin, 1881. ¶ 2 volumes. 8vo. [2], viii, [9]-639, [1]; vi, 653, [1] pp. Frontis.; marginalia in index of vol. I. Original olive black & gilt-stamped cloth, top edge gilt; spine ends a touch frayed. Bookplates of B. F. Spaulding, Wichita. Very good.

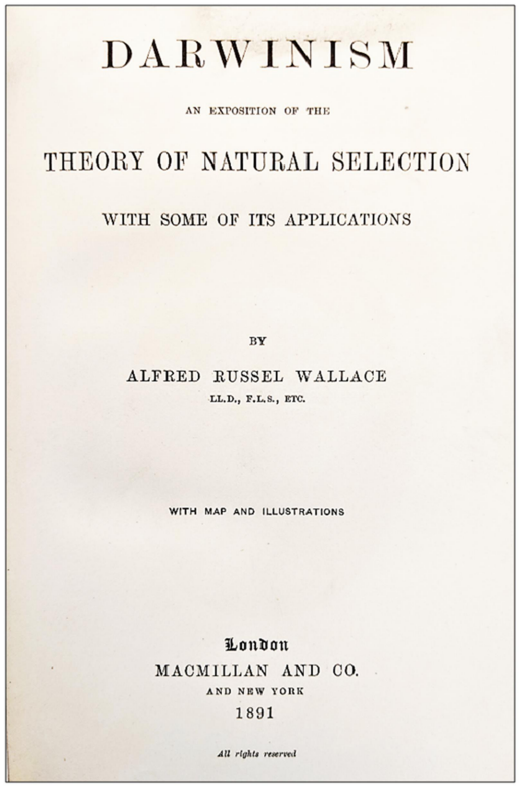
$ 40

An excellent biography, intended primarily for public rather than academic consumption. Parton was an English-American writer, and the most popular American biographer of his time. His wife Sara was also a very popular writer, composing under the pen name Fanny Fern.

Chapters include: "Head Over Heels in Love", "Exiled for an Epigram", "The Convulsionist Miracles", "Voltaire and Mdame Study History Together", "The Rind of an Orange", Drying after the Wreck", "Voltaire Interferes", "He is a Troublesome Neighbor", etc. Despite his lively sense of humor, Parton was and remains highly regarded as a researcher, particularly in contrast to many of his contemporaries, who were known to take great liberties with their subjects.

PROVENANCE: B. F. Spaulding (fl.1907-1922), Wichita, Kansas, worked for the Santa Fe Railroad.




DARWINISM

AN EXPOSITION OF THE

THEORY OF NATURAL SELECTION

WITH SOME OF ITS APPLICATIONS

BY

ALFRED RUSSEL WALLACE

LL.D., F.L.S., ETC.

WITH MAP AND ILLUSTRATIONS

London

MACMILLAN AND CO.

AND NEW YORK

1891

All rights reserved

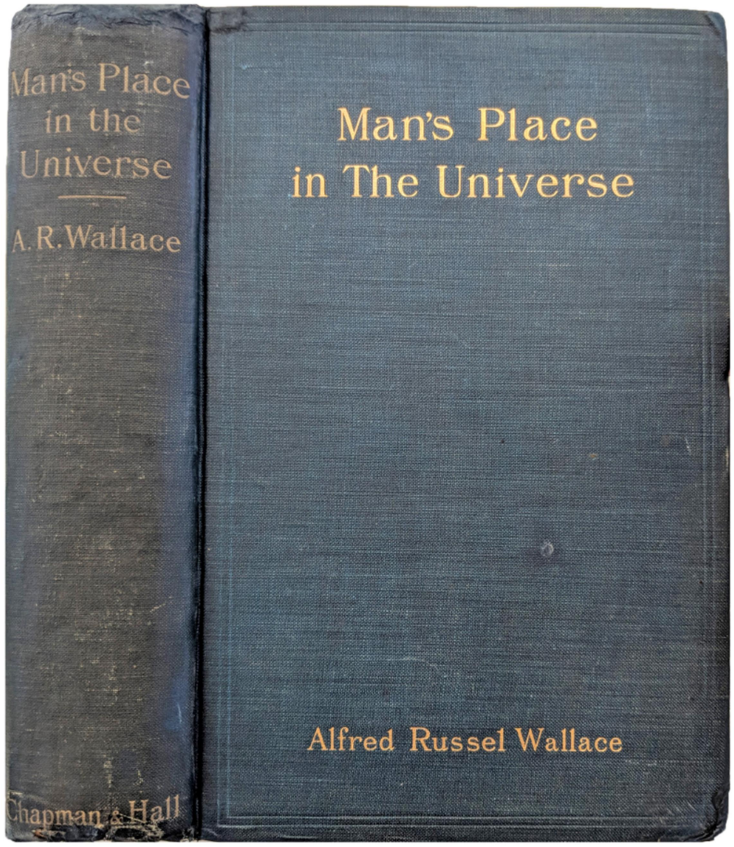
1694 **WALLACE, Alfred Russel** (1823-1913). *Darwinism, an Exposition of the Theory of Natural Selection with Some of its Applications*. London: Macmillan, 1891. ¶ 8vo. xvi, 494, [2] pp. Frontis. port., folding map (facing p. 349), 37 figs., index. Original dark green blind- and gilt-stamped cloth; slight wear to extremities. Ownership signature of Wade McNutt. Nice copy.

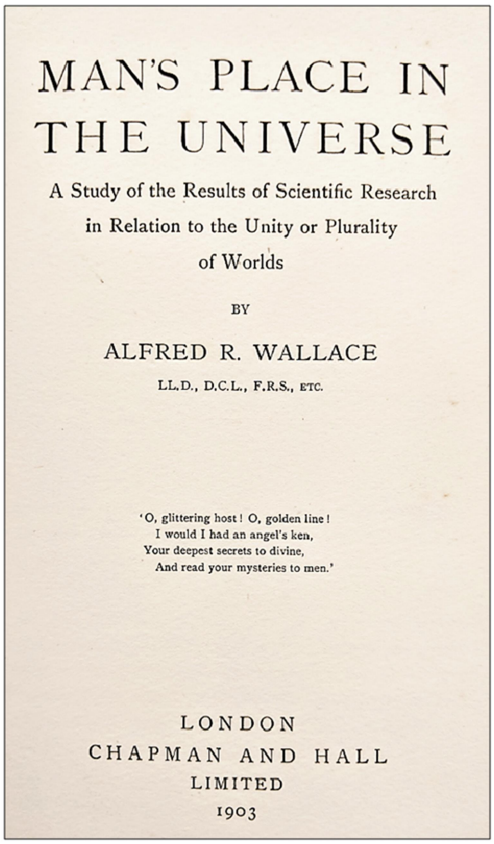
$ 75

"During the 1880's Wallace had given a number of lectures on evolution by means of natural selection, including many while touring the United States in 1886-1887. These mature reflections finally appeared in elaborated form in his important *Darwinism* (1889), which carefully reviewed thirty years of evolutionary biology. While pointing out differences between himself and Darwin, the book actually elaborates a pure form Darwinian evolution, devoid of Lamarckian elements, and therefore represents (except for the last chapter on man) perhaps

the authoritative statement on the subject in the late nineteenth century" – *DSB* XIV, pp. 135-136.

PROVENANCE: Wade McNutt, Highland Park & Chicago, Illinois, educator, wrote research papers, including, "The Stratification of Atmospheric Humidity in the Forest," (1913), with George D. Fuller, and J. R. Locke; also: "The range of evaporation and soil moisture in the oak-hickory forest association of Illinois, (1912).




MAN'S PLACE IN THE UNIVERSE

A Study of the Results of Scientific Research in Relation to the Unity or Plurality of Worlds

BY

ALFRED R. WALLACE

LL.D., D.C.L., F.R.S., ETC.

'O, glittering host! O, golden line!
I would I had an angel's ken,
Your deepest secrets to divine,
And read your mysteries to men.'

LONDON
CHAPMAN AND HALL
LIMITED
1903

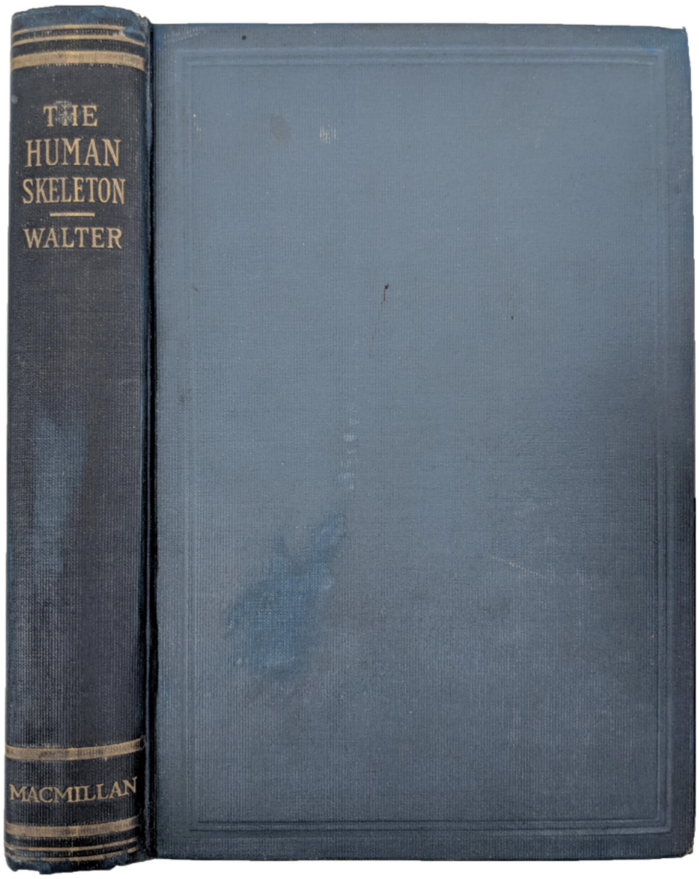
1695 **WALLACE, Alfred Russel** (1823-1913). *Man's Place in the Universe. A Study of the Results of Scientific Research in Relation to the Unity or Plurality of Worlds*. London: Chapman and Hall, 1903. ¶ 8vo. ix, [3], 330, [2] pp. Half-title, folding star map, index. Original navy blind- and gilt-stamped cloth, top edge gilt; extremities rubbed. Very good.

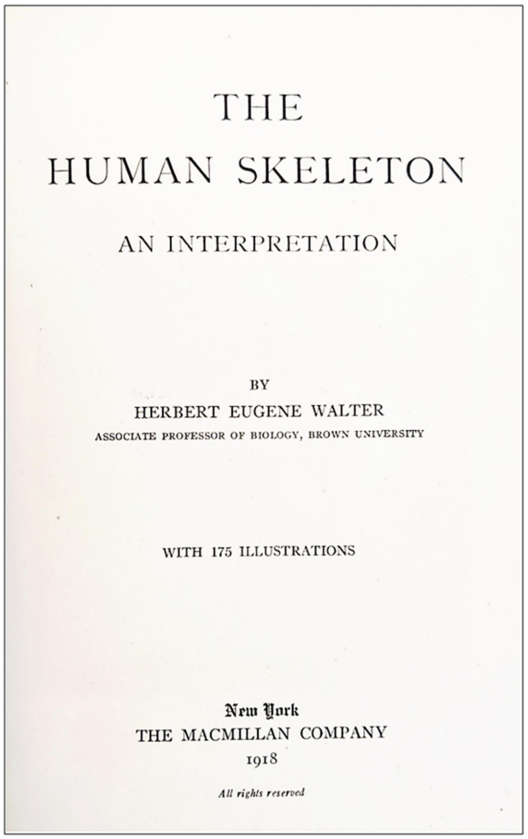
$ 75

First edition. Generally considered the first attempt by a biologist to determine whether or not extraterrestrial life exists. "In The Wonderful Century (1898) Wallace had written the chapter 'Astronomy and Cosmic Theories,' and after the turn of the century he expanded the subject into his Man's Place in the Universe (1903). The primary purpose was to establish with extensive scientific data that life as we know it cannot exist elsewhere in the universe." – *DSB* XIV, p. 139.

"The astronomical writings Wallace produced over the last decade of his life reflect an unusually flexible worldview: one scientific enough to address questions bearing on proximate causalities, yet philosophical enough to find a place for final causes." – Hockey, *Biographical Encyclopedia of Astronomers*, Vol. II, p. 1192.

Wallace was a British naturalist, anthropologist, and biologist, best known for discovering natural selection independent of Charles Darwin. Darwin's Origin of Species was published in part as a response to Wallace's paper "On the Tendency of Varieties to Depart Indefinitely from the Original Type".





THE
HUMAN SKELETON

AN INTERPRETATION

BY
HERBERT EUGENE WALTER
ASSOCIATE PROFESSOR OF BIOLOGY, BROWN UNIVERSITY

WITH 175 ILLUSTRATIONS

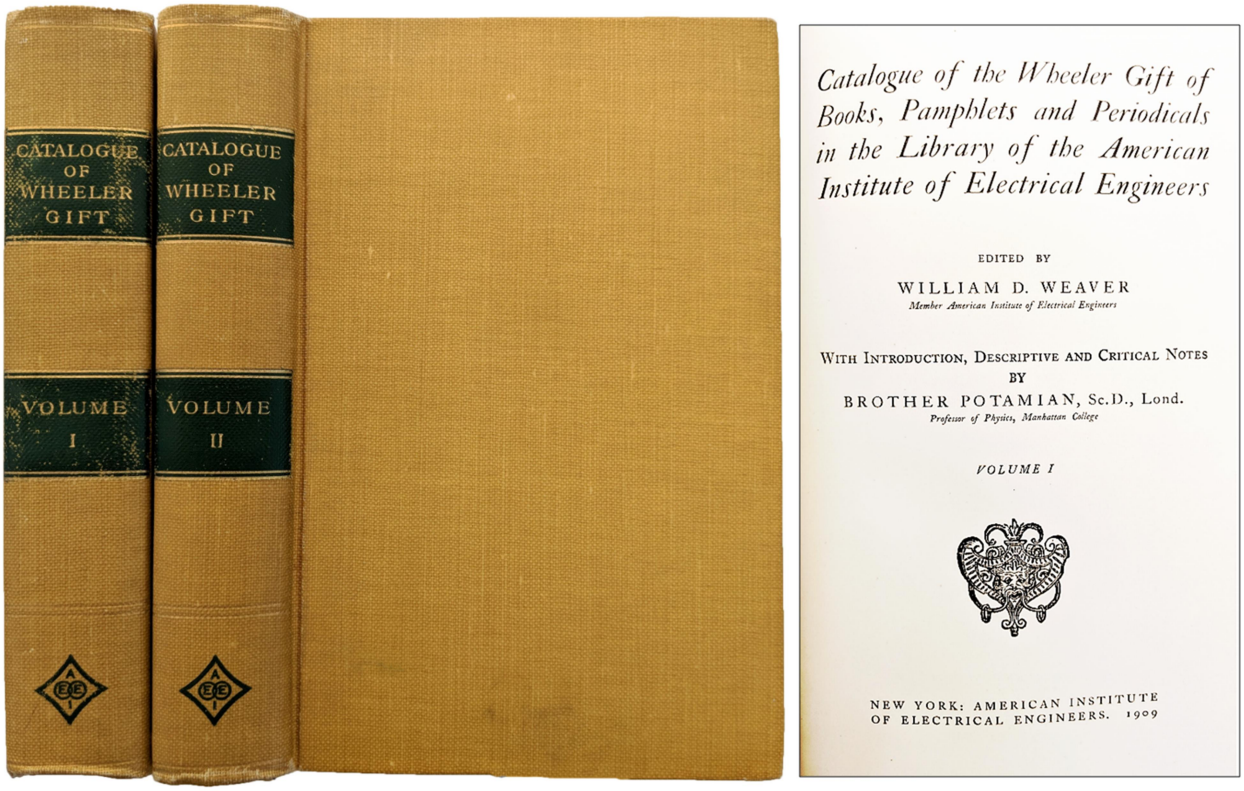
New York
THE MACMILLAN COMPANY
1918

All rights reserved

1696 **WALTER, Herbert Eugene** (1867-1945). *The Human Skeleton; an Interpretation.* New York: Macmillan, 1918. ¶ Small 8vo. xv, [3], 214, [6] pp. Frontis., 174 figs., index, ads. Blue blind-stamped gold-printed cloth; minor discolorations to covers. Richard A. Weiss label. Very good.

$ 15

First edition. Walter was an American biologist and a professor at Brown University.

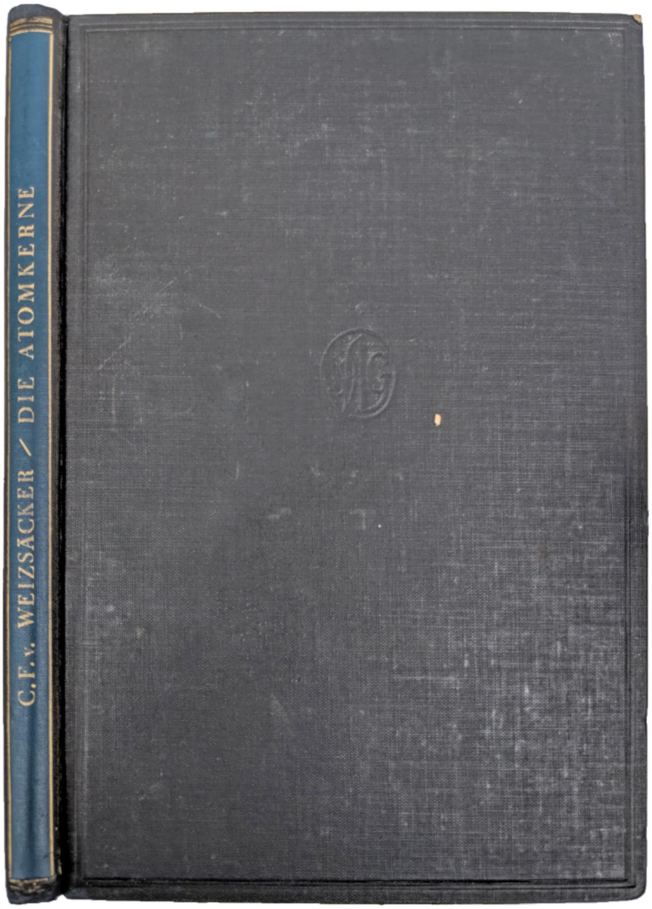


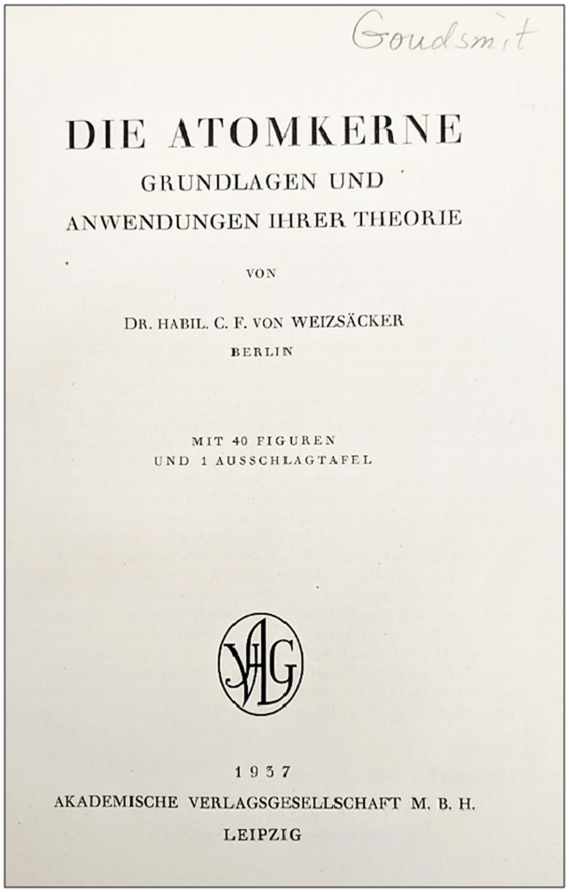
1697 **WEAVER, William D**. *Catalogue of the Wheeler Gift of books, Pamphlets and Periodicals in the Library of the American Institute of Electrical Engineers*. 2 volumes. New York: American Institute of Electrical Engineers, 1909. ¶ 2 volumes. 8vo. vii, [1], 504; 475, [1] pp. Frontispieces, figs., index. Yellow gilt-stamped cloth. Very good +.

$ 20

Weaver's "gift" lay in persuading Andrew Carnegie to donate the cost of constructing the building to house the Institute's library. Weaver was Chair of the library Committee for 6 years, and oversaw many of its purchases. A plaque at the library now honors his role in building the collection and securing the Carnegie gift. Brother Potamian was a brother of the Christian Schools. Before taking his vows he was named Dr. Michael O'Reilly, a physician specializing in radiotelegraphy and radiography. The annotated catalogue, considered the best collection of books relating to the history of electricity, contains 5,966 topically arranged items, with a supplement on the telegraph.

EXTRA POSTAGE WILL APPLY.



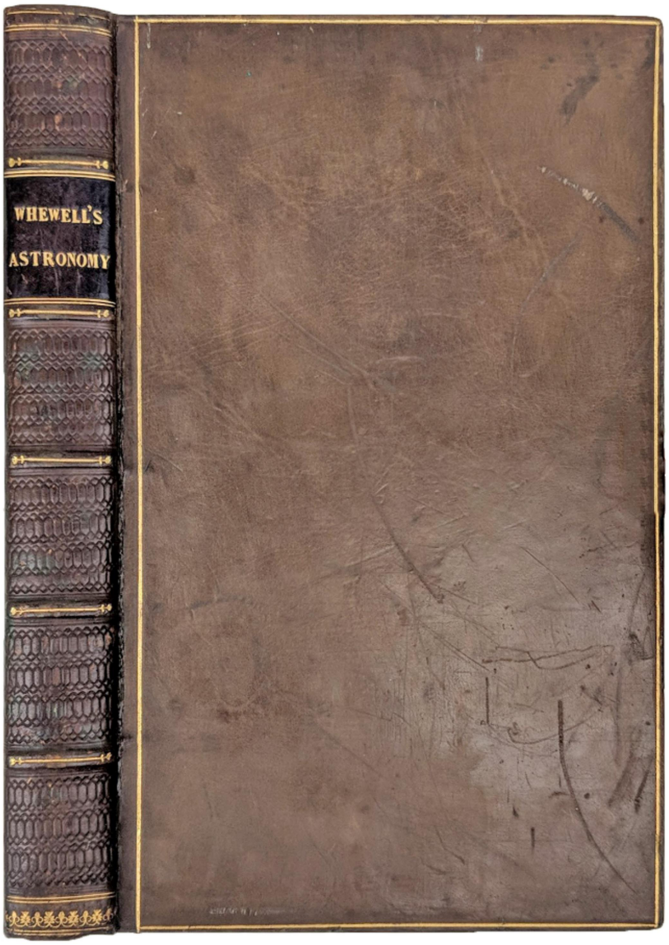


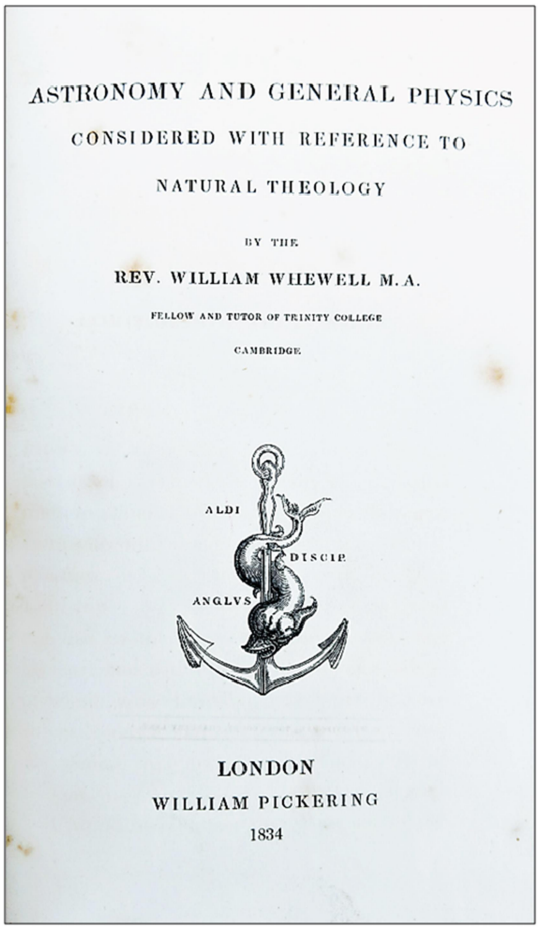
1698 **WEIZSACKER, Carl Friedrich von** (1912-2007). *Die Atomkerne Grundlagen und Anwendungen Ihrer Theorie*. Leipzig: Akademische Verlagsgesellschaft M. B. H., 1937. ¶ 8vo. viii, 214, [2] pp. 40 figs., 1 folding plate. Black blind- and gilt-stamped cloth. Ownership signature of Samuel Goudsmit on title. Very good.

$ 35

Weizsacker was a German physicist and a student of Werner Heisenberg. He made a number of significant discoveries regarding nuclear fusion, and received the Planck Medal, the Goethe Prize, and the Templeton Prize.

PROVENANCE: Samuel Abraham Goudsmit (1902-1978) was a Dutch-American physicist, famous for proposing the concept of electron spin with George Uhlenbeck. He received the National Medal of Science in 1976, and founded the popular journal *Physical Review Letters* in 1958.




ASTRONOMY AND GENERAL PHYSICS

CONSIDERED WITH REFERENCE TO

NATURAL THEOLOGY

BY THE

REV. WILLIAM WHEWELL M. A.

FELLOW AND TUTOR OF TRINITY COLLEGE

CAMBRIDGE

ALDI DISCIP ANGLVS

LONDON

WILLIAM PICKERING

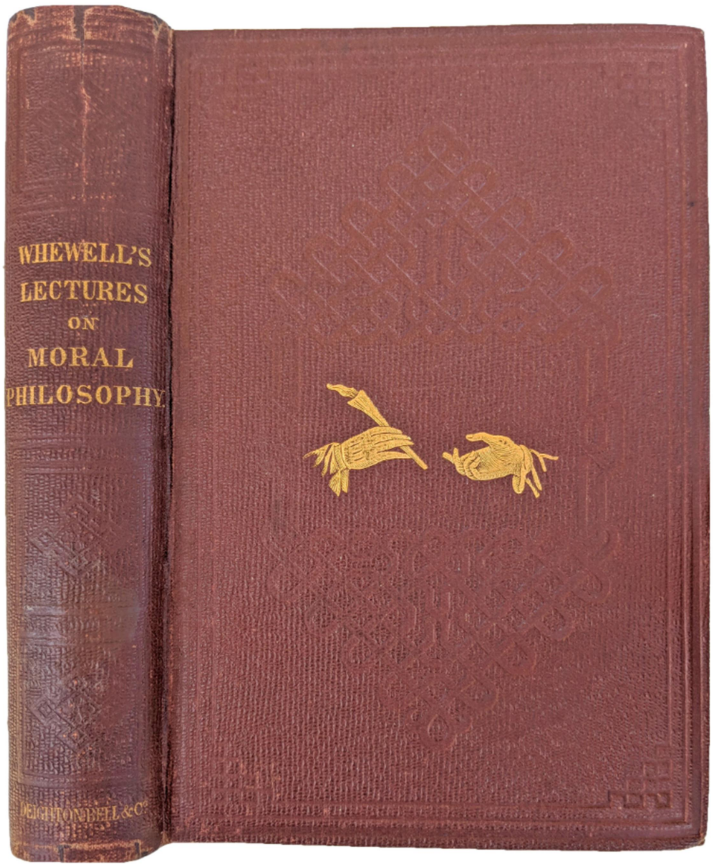
1834

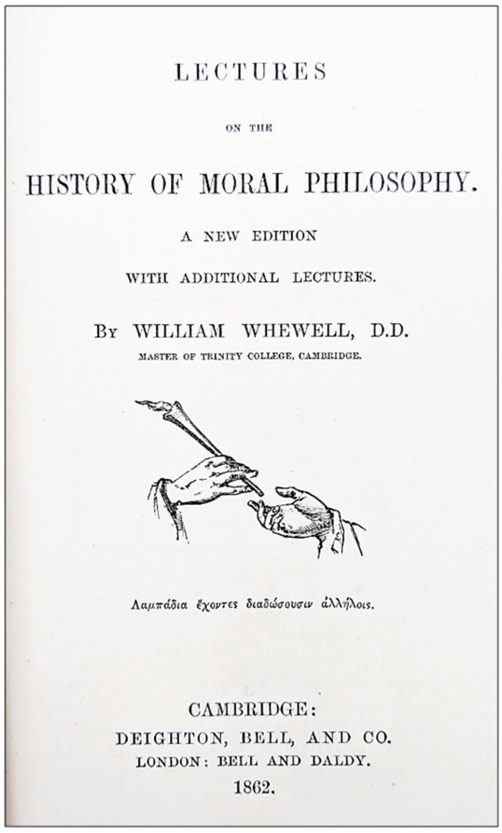
1699 **WHEWELL, William** (1794-1866). *Astronomy and General Physics Considered with Reference to Natural Theology*. London: William Pickering, 1834. ¶ 8vo. xv, [1], 381, [1] pp. Title vignette. Original full olive blind- and gilt-stamped calf, leather gilt-stamped spine label, raised bands; foxing to early and later leaves (majority of the text is unaffected). Ownership embossed stamp of the Brayebrook Observatory, Cambridgeshire, UK. Very good.

$ 75

First separate edition, issued in 1833 in the Bridgewater Treatises. Composed of 3 books—Terrestrial Adaptations, Cosmical Arrangements, and Religious Views—this volume represents Whewell's attempt to reconcile modern science with Christianity. "As a member of a group of reformers in which John Herschel, Charles Babbage, and George Peacock were prominent, Whewell contributed to the attempt to bring the mathematical methods of the French analysts into Cambridge scientific education. In textbooks on mechanics and dynamics, he introduced the calculus for solving problems, while insisting that analysis is no

substitute for experimental physics. . . .Largely ignoring the British tradition of empirical philosophy and methodology, Whewell erected a philosophy of science upon his understanding of history that derived partly from Kant and Plato, and partly from an anachronistic theological position." – *DSB* XIV, p. 294.




LECTURES

ON THE

HISTORY OF MORAL PHILOSOPHY.

A NEW EDITION

WITH ADDITIONAL LECTURES.

BY WILLIAM WHEWELL, D.D.

MASTER OF TRINITY COLLEGE, CAMBRIDGE.

Λαμπάδια ἔχοντες διαδώσουσιν ἀλλήλοις.

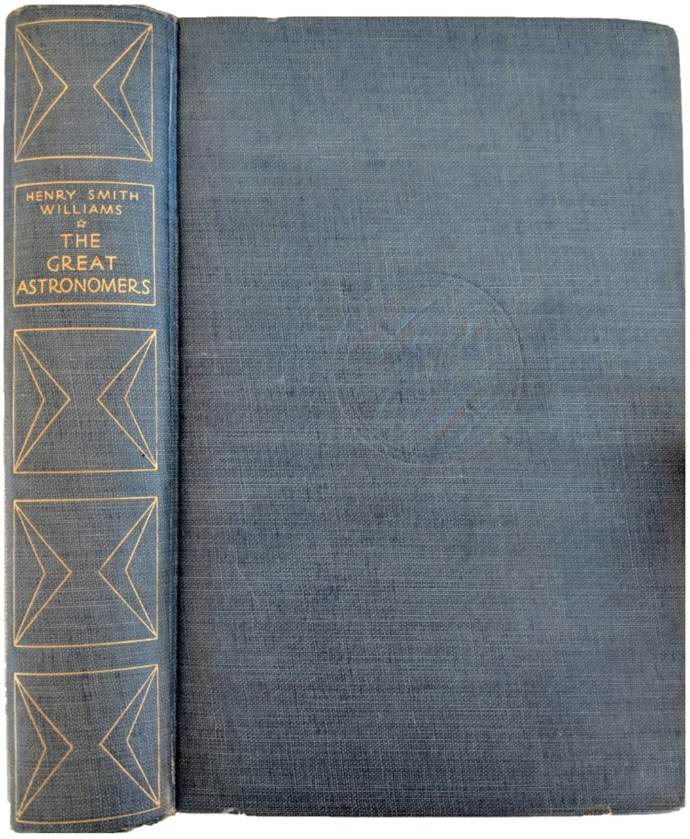
CAMBRIDGE:
DEIGHTON, BELL, AND CO.
LONDON: BELL AND DALDY.
1862.

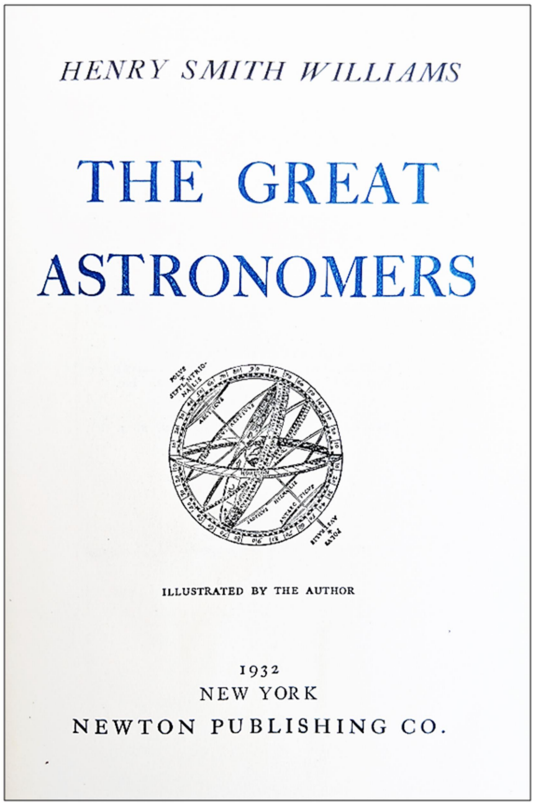
1700 **WHEWELL, William** (1794-1866). *Lectures on the History of Moral Philosophy. A new edition with additional lectures*. Cambridge: Deighton, Bell, 1862. ¶ Small 8vo. xvi, 280; [2], 130, [6], 16 pp. Ads (at rear, dated April, 1864). Original gilt & blind stamped decorative brown cloth, gilt spine; neatly re-cased. Early St. Edmund's College bookplate and rubberstamp. Early ownership signature of Jonathan Miller, 1966. Very good.

$ 60

While Whewell is best remembered for his contributions to math and science, for the last 30 years of his life he concerned himself principally with matters of philosophy (particularly the philosophy of science). This volume collects a number of his lectures on a variety of English philosophers, focusing particularly

on Jeremy Bentham. The additional lectures included in the second edition focus mostly on the Greeks, particularly Aristotle, but extend to lectures on Christian Morality and Thomas Aquinas.

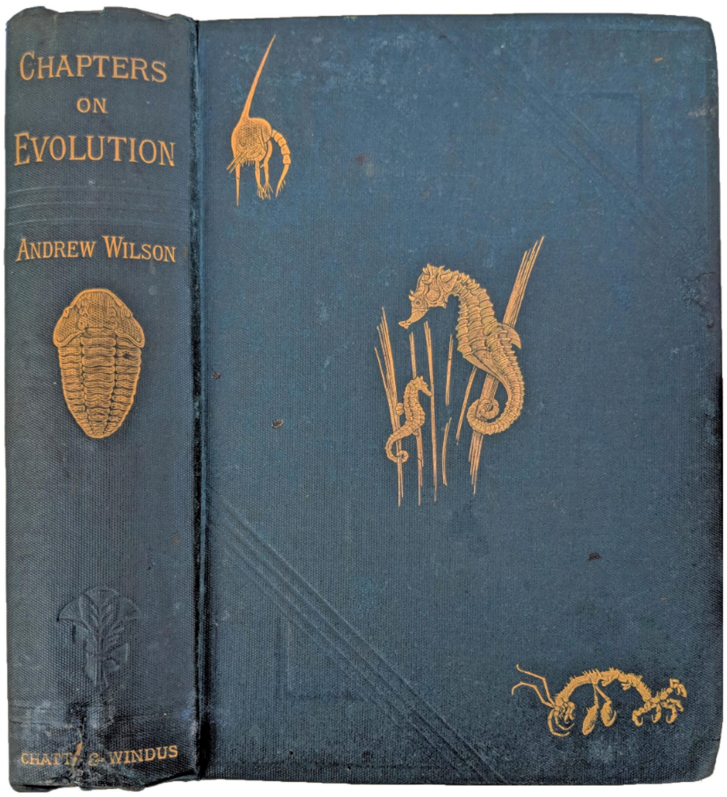


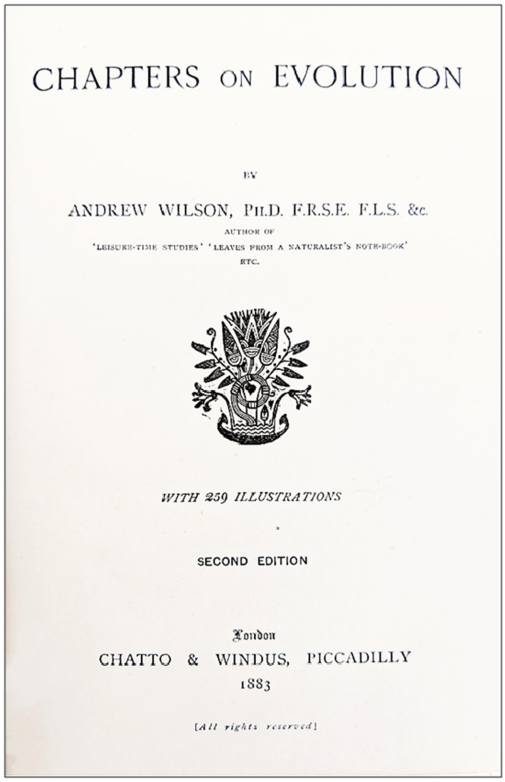


1701 **WILLIAMS, Henry Smith** (1863-1943). *The Great Astronomers*. New York: Newton, 1932. ¶ Thick 8vo. [2], xix, [1], 618, [2] pp. 22 plates, 113 figures, 10 charts, 2 maps, index. Blue blind- and gilt-stamped cloth. Ownership signature of David F. Lynch. Very good.

$ 20

First edition. Contents include: "Prologue: You are Invited to Take a Preliminary Cruise in Starland", "The Magic Feats of Eratoshenes", "Copernicus Enthrones the Sun", "Kepler the Lawgiver", "Herschel Expands the Universe", "Old Cosmogonies and New", "The Mirrod Universe — An Astronomic Fantasy". *Inscribed by the previous owner, Lynch, in ink (on ffep): "Why did not someone teach me the constellations, and make me at home in the starry heavens, which are always overhead? – Carlyle."*




CHAPTERS ON EVOLUTION

BY

ANDREW WILSON, PH.D. F.R.S.E. F.L.S. &c.

AUTHOR OF

'LEISURE-TIME STUDIES' 'LEAVES FROM A NATURALIST'S NOTE-BOOK'

ETC.

WITH 259 ILLUSTRATIONS

SECOND EDITION

London

CHATTO & WINDUS, PICCADILLY

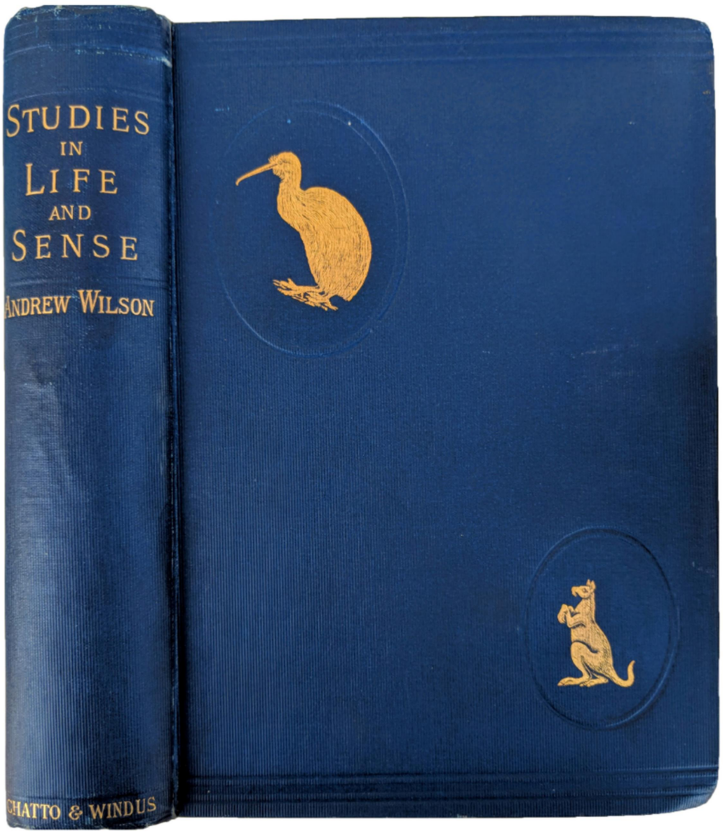
1883

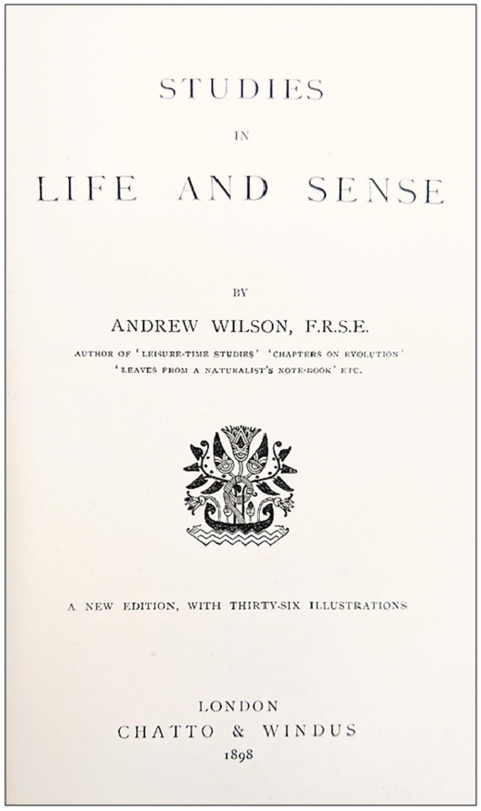
[All rights reserved]

1702 **WILSON, Andrew** (1852-1912). *Chapters on Evolution*. London: Chatto & Windus, 1883. ¶ 8vo. xv, [1], 383, [1], 32 pp. 259 figs., index, ads [dated Oct. 1882]. Original dark green blind- and gilt-stamped cloth; spine end glued. Ownership signature of Charles Christie[?]. Very good.

$ 25

First edition.




STUDIES
IN
LIFE AND SENSE

BY
ANDREW WILSON, F.R.S.E.
AUTHOR OF 'LEISURE-TIME STUDIES' 'CHAPTERS ON EVOLUTION'
'LEAVES FROM A NATURALIST'S NOTE-BOOK' ETC.

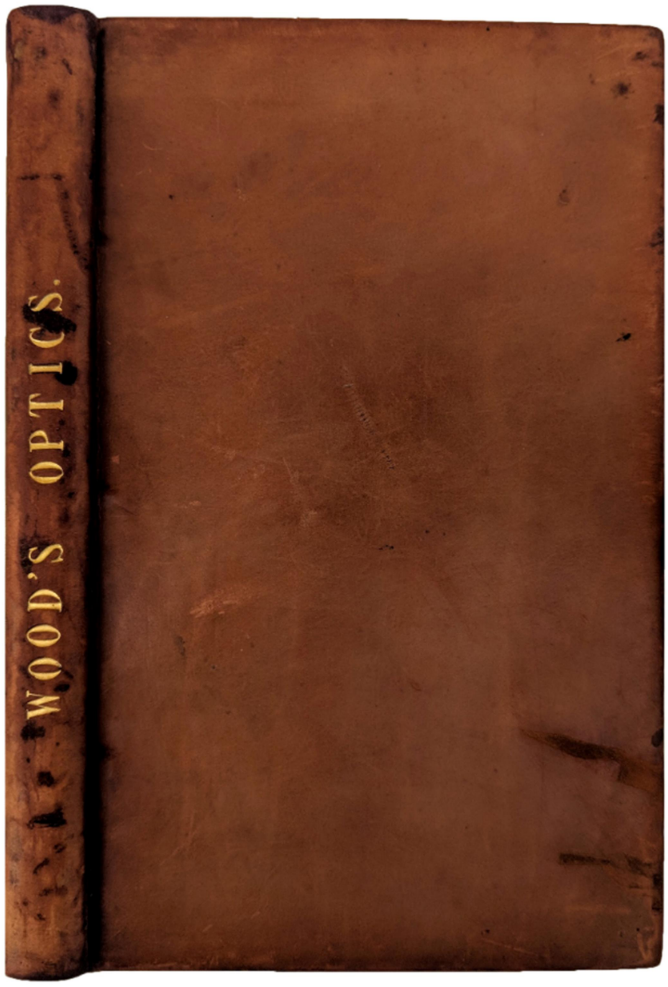
A NEW EDITION, WITH THIRTY-SIX ILLUSTRATIONS

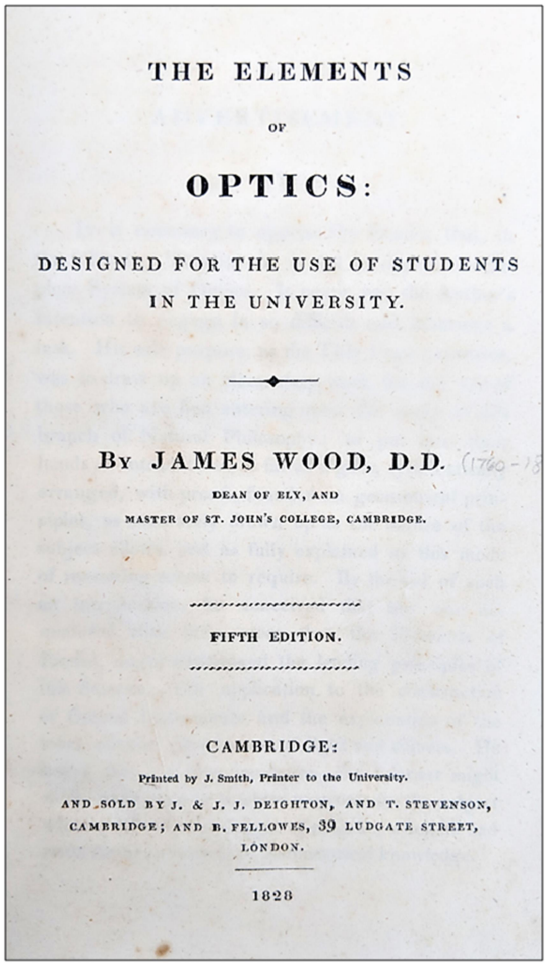
LONDON
CHATTO & WINDUS
1898

1703 **WILSON, Andrew**. *Studies in Life and Sense*. London: Chatto & Windus, 1898. ¶ 8vo. [x], 354, [2] pp. 36 figures. Original navy blind- and gilt-stamped cloth. Very good.

$ 24

Selected contents: Human resemblances to lower life – Monkeys – Elephants – The past and present of the Cuttlefishes – The migration of animals – Songs without words – The old phrenology and the new – The mind's mirror – The inner life of plants – An invitation to dinner.





THE ELEMENTS

OF

OPTICS:

DESIGNED FOR THE USE OF STUDENTS IN THE UNIVERSITY.

By JAMES WOOD, D.D.

DEAN OF ELY, AND MASTER OF ST. JOHN'S COLLEGE, CAMBRIDGE.

FIFTH EDITION.

CAMBRIDGE:

Printed by J. Smith, Printer to the University.

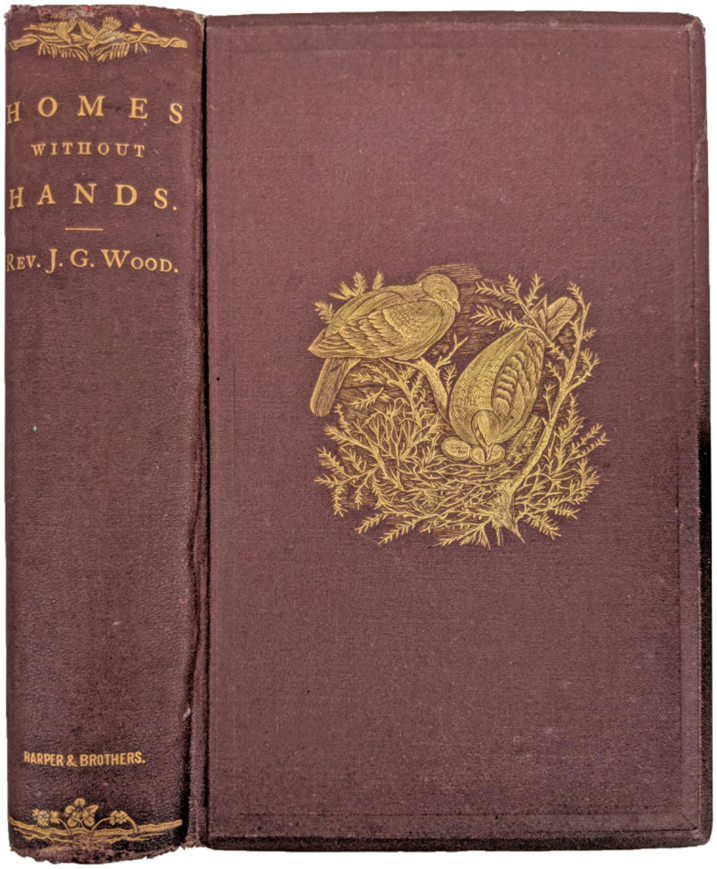
AND SOLD BY J. & J. J. DEIGHTON, AND T. STEVENSON, CAMBRIDGE; AND B. FELLOWES, 39 LUDGATE STREET, LONDON.

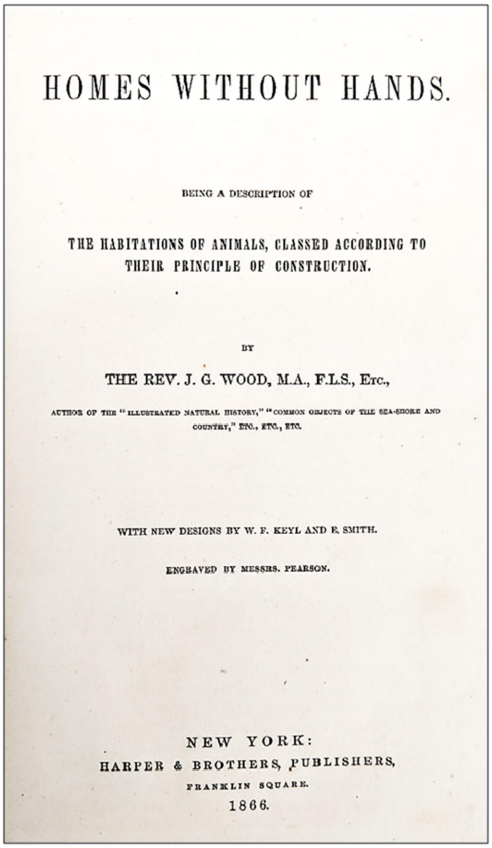
1828

1704 **WOOD, James** (1760-1839). *The Elements of Optics: Designed for the Use of Students in the University*. Cambridge: J. & J. J. Deighton, 1828. ¶ 8vo. vi, [2], 264 pp. Half-title, figs. Original full calf, gilt-stamped spine. Bookplate. Very good.

$ 55

Fifth edition. Contents include: On the Reflection of Rays at plane and spherical surfaces, On Aberrations produced by the unequal Refrangibility of different Rays, On Optical Instruments, On the Eye, On Caustics, On the Kaleidoscope, On the Camera Lucida, On the divided Object Glass Micrometer, On Dr. Brewster's Telescope. James Wood was a mathematician who graduated Senior wrangler at Cambridge and served as both president and master at St. John's College.





HOMES WITHOUT HANDS.

BEING A DESCRIPTION OF

THE HABITATIONS OF ANIMALS, CLASSED ACCORDING TO THEIR PRINCIPLE OF CONSTRUCTION.

BY

THE REV. J. G. WOOD, M.A., F.L.S., Etc.,

AUTHOR OF THE "ILLUSTRATED NATURAL HISTORY," "COMMON OBJECTS OF THE SEA-SHORE AND COUNTRY," ETC., ETC., ETC.

WITH NEW DESIGNS BY W. F. KEYL AND E. SMITH.

ENGRAVED BY MESSRS. PEARSON.

NEW YORK:
HARPER & BROTHERS, PUBLISHERS,
FRANKLIN SQUARE.
1866.

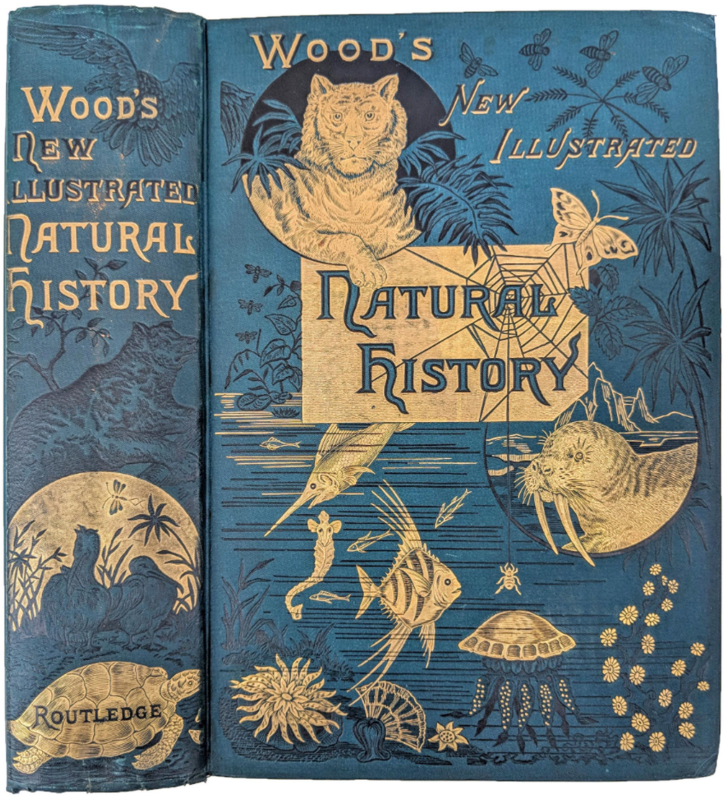
1705 **WOOD, John George** (1827-1889). *Homes Without Hands, Being a Description of The Habitations of Animals, Classed According to their Principle of Construction*. New York: Harper & Brothers, 1866. ¶ 8vo. xviii, [19]-651, [1], 4 pp. Frontis., numerous charming engraved figures, index, ads; faint waterstaining to outer margins of preliminaries (and end). Original brownish-maroon blind- and gilt-stamped cloth; spine ends frayed. Armorial bookplate ["Per Ardua", engr. by H. Hays] of "Crabb," ownership signature of Edward I. Crabb. Very good.

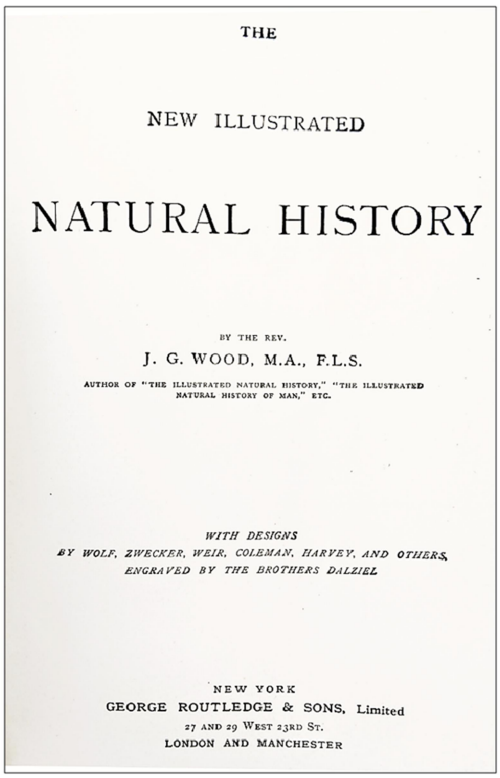
$ 35

Of insects, birds, mammals and their "nests". Perhaps one's interest is tweaked by the broadly ranging description of the habitats of the conchilega, hornet, drive ants, mud wasp, British galls, leaf miners and rollers, the chaffinch, the tufted spider, the termite cell, eagle, nightingale, dormouse, polar bear, ship-worm, Baltimore oriole, and numerous others. Reverend J. G. Wood was an English writer and popularizer of natural history. In 1854 he gave up his curacy to his writing, eventually becoming a well-known parson-naturalist. The book describes the building habits of a great variety of animals, from mammals to birds to

insects to fish. The volume includes new pictorial designs by W.F. Keyl and E. Smith, engraved by Messers. Pearson.

PROVENANCE: Crabb, as cited in Bolton. See: Jina Bolton, Charles Knowles Bolton, Bolton's American Armory, p. 41.




THE

NEW ILLUSTRATED

NATURAL HISTORY

BY THE REV.

J. G. WOOD, M.A., F.L.S.

AUTHOR OF "THE ILLUSTRATED NATURAL HISTORY," "THE ILLUSTRATED NATURAL HISTORY OF MAN," ETC.

WITH DESIGNS
BY WOLF, ZWECKER, WEIR, COLEMAN, HARVEY, AND OTHERS,
ENGRAVED BY THE BROTHERS DALZIEL

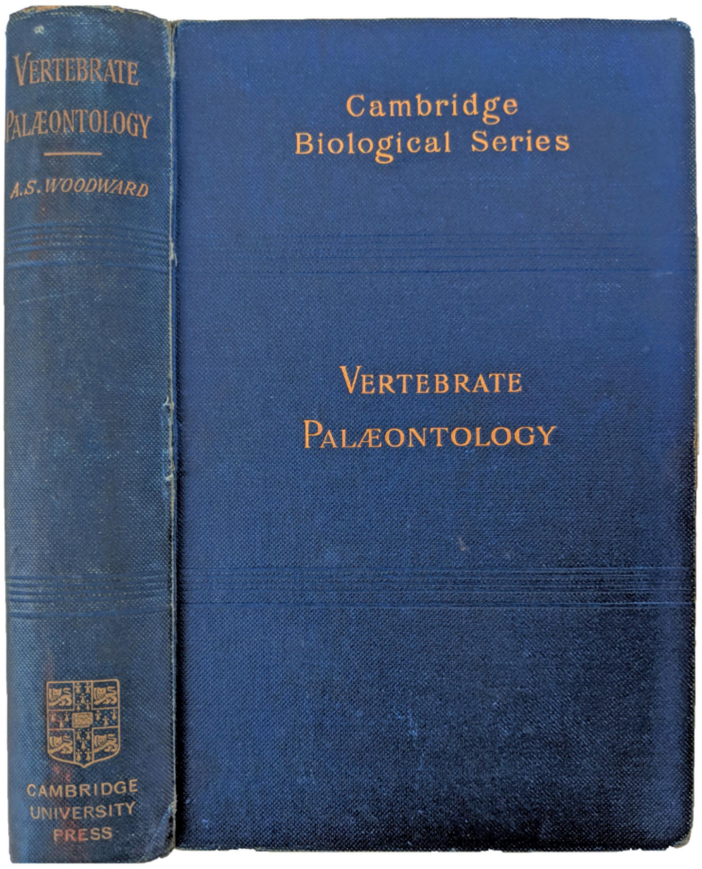
NEW YORK
GEORGE ROUTLEDGE & SONS, Limited
27 AND 29 WEST 23RD ST.
LONDON AND MANCHESTER

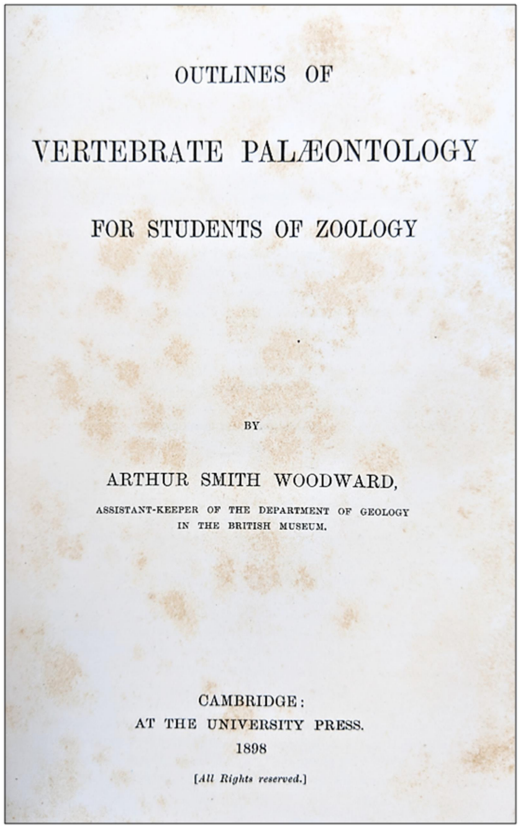
1706 **WOOD, John George** (1827-1889). *The New Illustrated Natural History. With Designs by Wolf, Zwecker, Weir, Coleman, Harvey, and Others*. Engraved by the Brothers Dalziel. New York: George Routledge and Sons, c.1880. ¶ Thick 8vo. [iv], 795, [1] pp. Profusely illustrated, frontis., index. Original elaborate turquoise black- and gilt-decorated pictorial cloth; spine ends slightly frayed, corners slightly bumped. Near fine.

$ 85

"Many suggestions have been made that my large 'Illustrated Natural History,' in three volumes, might be advantageously compressed into one, so as to make the work more compact and less costly. I have therefore abridged it, so as to occupy only the space of a single volume. The illustrations have been carefully selected

so as to represent the most important and interesting groups of all the different orders. Fresh matter has been added, and the work has been brought up to the latest state of zoological knowledge." –from the preface. Reverend J. G. Wood was an English writer and popularizer of natural history. In 1854 he gave up his curacy to his writing, eventually becoming a well-known parson-naturalist.




OUTLINES OF

VERTEBRATE PALÆONTOLOGY

FOR STUDENTS OF ZOOLOGY

BY

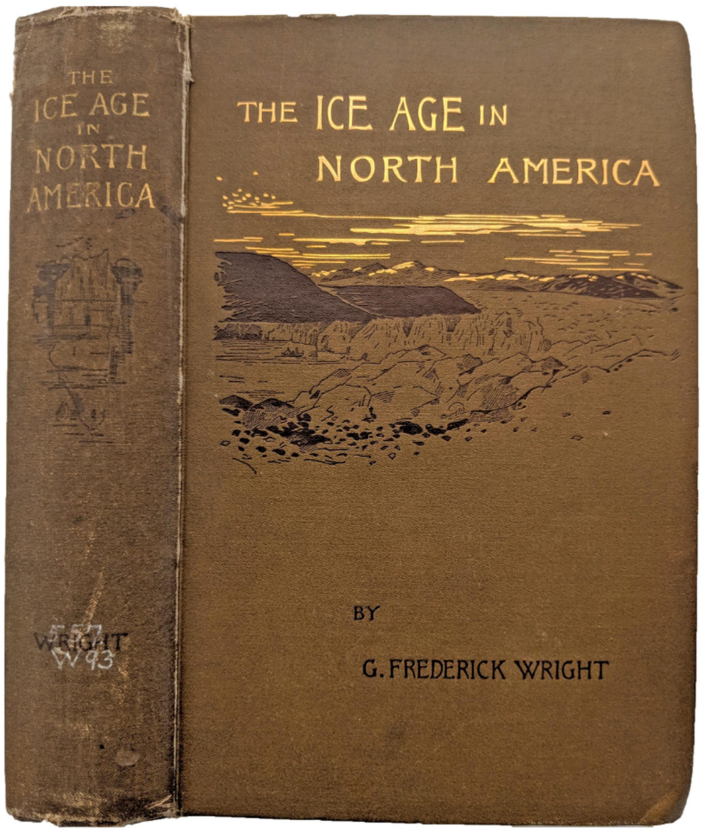
ARTHUR SMITH WOODWARD,

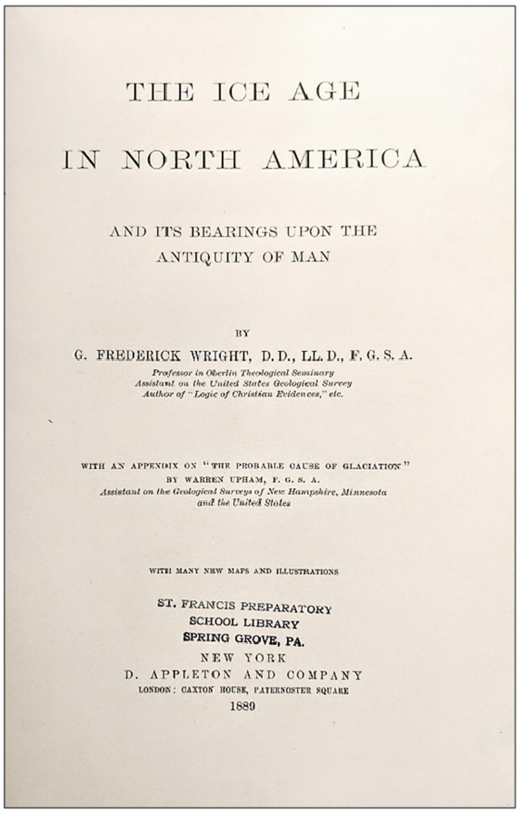
ASSISTANT-KEEPER OF THE DEPARTMENT OF GEOLOGY IN THE BRITISH MUSEUM.

CAMBRIDGE:
AT THE UNIVERSITY PRESS.
1898

[*All Rights reserved.*]

1707 **WOODWARD, Arthur Smith** (1864-1944). *Outlines of Vertebrate Palaeontology for Students of Zoology*. Cambridge: University Press, 1898. ¶ Series: Cambridge Biological Series. 8vo. xxiv, 470 pp. 228 figs., folding table, index; rather heavily foxed. Blue blind- and gilt-stamped cloth; extremities showing wear. Ownership rubberstamp of Charles C. Mook, Metuchen, NJ, 1907. Very good. $ 30




THE ICE AGE

IN NORTH AMERICA

AND ITS BEARINGS UPON THE ANTIQUITY OF MAN

BY

G. FREDERICK WRIGHT, D.D., LL.D., F.G.S.A.

Professor in Oberlin Theological Seminary
Assistant on the United States Geological Survey
Author of "Logic of Christian Evidences," etc.

WITH AN APPENDIX ON "THE PROBABLE CAUSE OF GLACIATION"
BY WARREN UPHAM, F.G.S.A.
Assistant on the Geological Surveys of New Hampshire, Minnesota and the United States

WITH MANY NEW MAPS AND ILLUSTRATIONS

NEW YORK
D. APPLETON AND COMPANY
LONDON: CAXTON HOUSE, PATERNOSTER SQUARE
1889

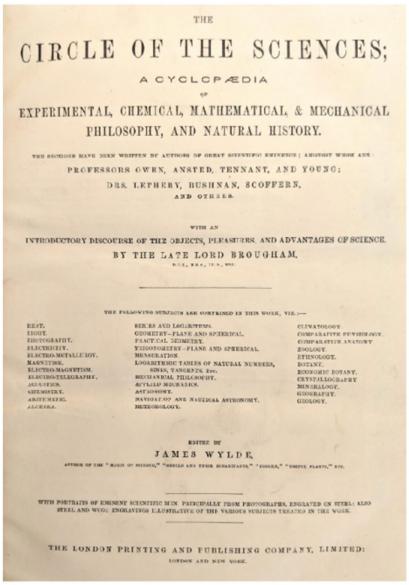
1708 **WRIGHT, George Frederick** (1838-1921*). The Ice Age in North America and its Bearings upon the Antiquity of Man*. New York: D. Appleton, 1889. ¶ 8vo. xviii, 622, [2] pp. Frontis., 143 figs., 3 folding maps, index. Brown, dark brown- and gilt-stamped cloth; extremities worn, St. Francis Preparatory School Library, Spring Grove, PA, markings, rear pocket. Good.

$ 25

Wright was an American geologist and a professor at Oberlin Theological Seminary.

map of Alaska →


PHYSICAL MAP OF
ALASKA
SCALE OF MILES
REFERENCE.
ALTITUDES IN FEET.
0 to 500, Very Low Plains.
500 to 1,000, Higher Plains.
1,000 to 5,000, Plateaus.
5,000 to 10,000, Summits.
Over 10,000, Highest Summits.
OCEAN DEPTHS IN FEET.
Warm Currents
Glaciers
Cold Currents
Volcanoes
ALEUTIAN ISLANDS
SCALE OF MILES
BERING SEA
ARCTIC OCEAN
ASIA
BERING SEA
NORTH PACIFIC OCEAN
GULF OF ALASKA
DOMINION
NORTHWEST TERRITORY
CANADA
BRITISH COLUMBIA
ESQUIMAUX
ALASKA PENA.
Yukon River
NORTON SOUND
Pt.Barrow
Pt.Belcher
Tangent Pt.
C.Halket
Harrison Bay
Anxiety Pt.
Manning Pt.
C.Lisburne
Pt.Hope
Kotzebue Sound
C.Espenberg
C.Pr. of Wales
C.Nome
C.Darby
ST. LAWRENCE I.
C.Romanof
C.Romanzof
Hooper Bay
C.Vancouver
Kuskokwim Bay
C.Newenham
C.Constantine
Bristol Bay
Mt.Wrangell
Mt.St.Elias
PENINSULA
C.Douglas
KADIAK I.
ALEXANDER
ARCHIPELAGO
PRINCE OF WALES I.
Dixon Sound
QUEEN CHARLOTTE IS.
Tundra
Longitude
West
from
Greenwich


THE
CIRCLE OF THE SCIENCES;
A CYCLOPÆDIA
OF
EXPERIMENTAL, CHEMICAL, MATHEMATICAL, & MECHANICAL
PHILOSOPHY, AND NATURAL HISTORY.
PROFESSORS OWEN, ANSTED, TENNANT, AND YOUNG;
DRS. LETHEBY, BUSHNAN, SCOFFERN,
AND OTHERS.
WITH AN
INTRODUCTORY DISCOURSE OF THE OBJECTS, PLEASURES, AND ADVANTAGES OF SCIENCE.
BY THE LATE LORD BROUGHAM.
EDITED BY
JAMES WYLDE,
THE LONDON PRINTING AND PUBLISHING COMPANY, LIMITED:

1709 **WYLDE, James** [ed.]. *The Circle of the Sciences; A Cyclopaedia of Experimental, Chemical, Mathematical, & Mechanical Philosophy, and Natural History . . . With an Introductory Discourse of the Objects, Pleasures, and Advantages of Science by the Late Lord Brougham*. London: London Printing and Publishing, 1862. ¶ 2 volumes bound as 4 vols. 4to. [4], xxviii, 688; [689]-1254; [4], viii, 500; [2], ii, [501]-1092 pp. Frontis., 71 plates (incl. folding plates, folding maps and star maps), figs. Original half gilt-stamped calf, salmon-color pebbled cloth, raised bands, marbled edges; rubbed, corners showing. Inscribed by Richard Westrop Saunders, M.D., M.R.C.S., to his son of the same name. Very good.

$ 350

Contributors include Lord Henry Brougham, David Thomas Ansted, James Tennant, Young, Dr. Letheby, Bushman, Scoffen, Sir Richard Owen, and many others. Subjects include: Acoustics, Botany, Chemistry, Mineralogy, Heat, Electro-metallurgy, Electro-magnetism, Series and Logarithms, Mensuration, Navigation and Nautical Astronomy, Climatology, Comparative Anatomy & Osteology, Ethnology, Comparative Physiology, Ethnology, Economic Botany, Crystallography, Geography, Geology, Mechanical Philosophy, Zoology, Light, magic lantern, phantasmagoria, dissolving views, chromotrope and physioscope, the kaleidoscope, debusscope, thaumatrope, phantasmascope and Rose's kalotrope, photography etc.

PROVENANCE: Richard Westrop Saunders, M.R.C.S. (1835-1884), was an English surgeon who practiced medicine all over the world. He eventually settled in the United States [these volumes inscribed in Cincinnati, Ohio] and started a family, practicing medicine primarily among French and Italian immigrant populations (he was fluent in 6 languages). However, he had never fully recovered from illnesses he picked up while working in India

early in his career, and his declining health forced him to stop practicing medicine. After his retirement he served as the vice-consul for Italy.

NOTE:

Previous 13 catalogues featuring books from the library of Richard Weiss, include:

CATALOGUE 231: 36 Weiss Books

CATALOGUE 227: The Library of Richard Weiss: ASTRONOMY - GEOGRAPHY - MATHEMATICS - NATURAL SCIENCE - OPTICS - PHYSICS

CATALOGUE 223: The Library of Richard Weiss (continued)

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