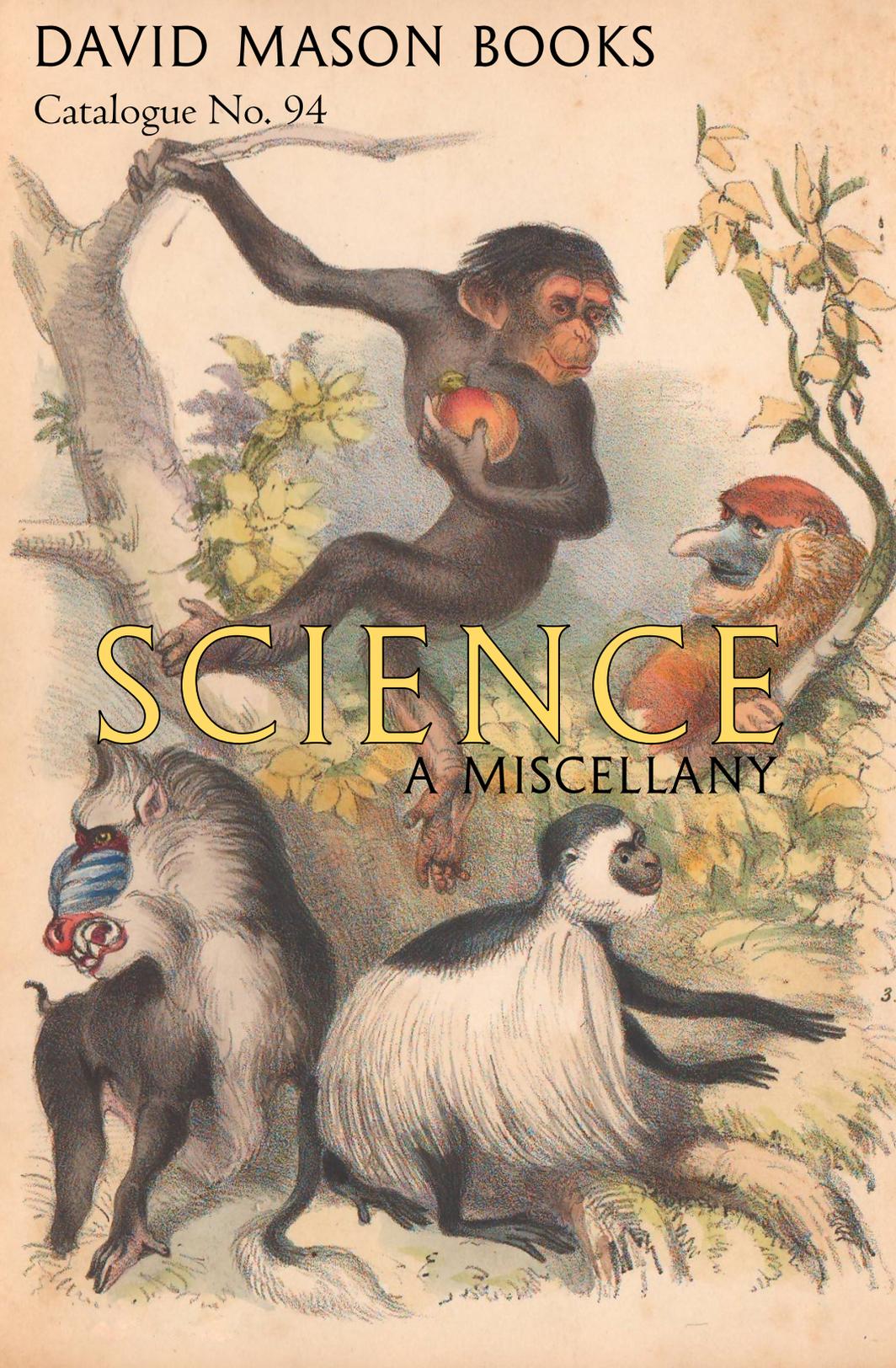


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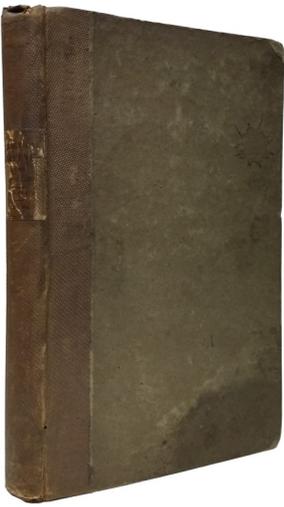
SCIENCE

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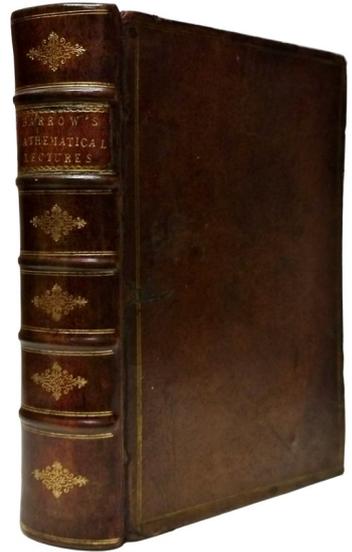
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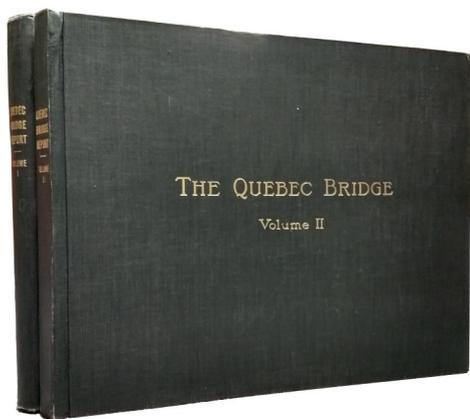
1. **ANON.** A Treatise on Practical Surveying, And Topographical Drawing. London: John Murray, 1829. First edition. Tall 8vo., orig. cloth backed boards, paper spine label, (xii), (191), (1)p. ads. With six folding plates and two plates of field notes. Some spotting to the plates, wear to corners and spine ends, some light rubbing, but overall a very good copy of this delicate book. \$850

2. **BARROW, Isaac.** The Usefulness of Mathematical Learning explained and demonstrated: Being Mathematical Lectures Read in the Publick Schools at the University of Cambridge. By... To Which is Prefixed, The Oratorical Preface of Our

Learned Author, spoke before the University on his being elected Lucasian Professor of the Mathematics. Translated by the Rev'd. Mr. John Kirkby... London: Printed for Stephen Austen,... 1734. First edition in English. With the bookplate of Stillman Drake. 8vo., full contemporary calf, raised bands, leather spine label, xxxii, (1)-440, (16)pp. [A8, a8, B-Ee8, Ff4, Gg8] With an engraved frontispiece and one folding plate. This copy has been professionally rebacked with a new spine after the period, with the contemporary leather spine label retained, boards have a some slight wear but still a near fine copy. *Isaac Barrow [1630-1677] theologian and mathematician who is best*



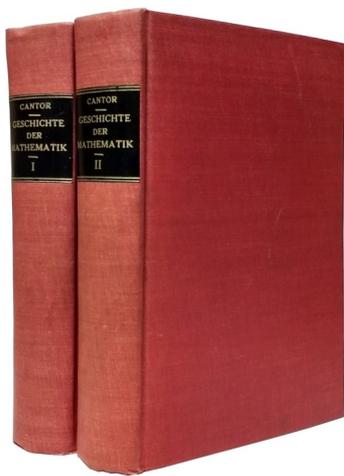
remembered as the Lucasian Professor of Mathematics at Cambridge University and as the teacher of Isaac Newton. Barrow was an innovative mathematician in his own right, and played a role in the development of infinitesimal calculus. He also made an effort to institutionalize and broaden the study of mathematics at Cambridge. The above title, the first edition in English (1734), carries on Barrow's message of the importance of mathematics. Its contents were culled and translated from the 1685 Latin edition of Lectiones Mathematicae, Barrow's mathematics lectures given at Cambridge University in the years 1664-1666. The compilation was made by the London publisher Stephen Austen and published in English. \$2,000



3. **Canada. Department of Railways and Canals.** The Quebec Bridge over the St. Lawrence River near the city of Quebec on the line of the Canadian National Railways; report of the Government Board of Engineers. Substructure constructed by Messrs. M. P. & J. T. Davis, Quebec... Superstructure designed, manufactured and erected by the St. Lawrence Bridge Company, Montreal... (Ottawa): Printed by order of the

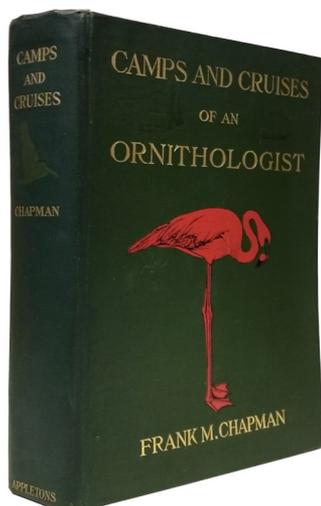
Governor-General in Council, (1919?). In two volumes. First edition. Oblong 4to., cloth, 259pp. text; 111 leaves of plates. With Illustrations. Signature of A. C. S. Davidson, the chief engineer of Mackinnon Structural Steel (Sherbrooke), otherwise fine. \$850

4. **CANTOR, Mortiz.** Vorlesungen Uber Geschichte Der Mathematik... Leipzig: Druck Und Verlag Von B.G. Teubner, 1894, 1892. Two volumes. Later editions. (volume three published 1894 and volume four 1896). With the bookplate of Stillman Drake. Tall 8vo., recently rebound in full red buckram, leather spine labels, (viii), 883; x, 863pp. Near fine. *Moritz Cantor [1829-1920], mathematician best known for*



the above work which when completed in four volumes, traced

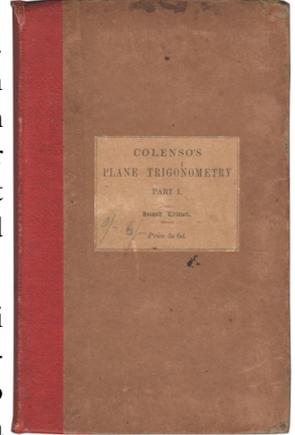
the history of mathematics up to 1799. Volume one covers mathematics up to 1200 and volume two continues until 1668. \$650



5. **CHAPMAN, Frank M.** Camps and Cruises of an Ornithologist. With 200 photographs from nature by the author. New York: D. Appleton and Company, 1908. First edition. Tall 8vo., orig. dark green cloth with a pictorial decoration of a flamingo (orange) on the upper cover, xvi, 432pp. Profusely illustrated. Minor rubbing o/w a near fine copy of an attractive book. *The author states in his*

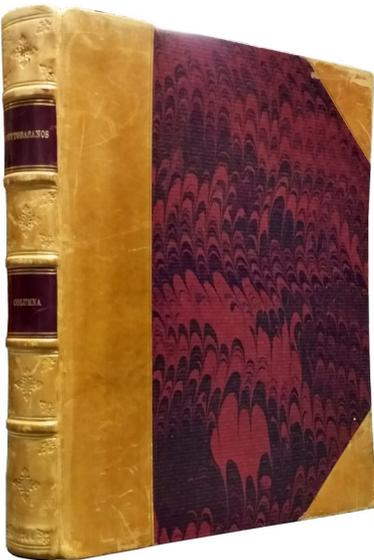
preface that “during the past seven years, with the assistance of artist and preparateur, I have devoted the nesting season of birds to collecting specimens and making field studies and photographs on which to base a series of what have been termed ‘habitat groups’ of North American birds for the American Museum of Natural History. These groups are designed to illustrate not only the habits and haunts of the birds shown, but also the country in which they live...” \$225

6. **COLENZO, J.W.** Plane Trigonometry. Part I. With the Use of Logarithms. London: Longman and Co., 1851. Second edition. 8vo., orig. cloth backed boards, printed paper label on the upper cover, (iv), 140, (1)p.ads. Name on front pastedown and front free e/paper, boards rubbed but still a near fine copy. \$300



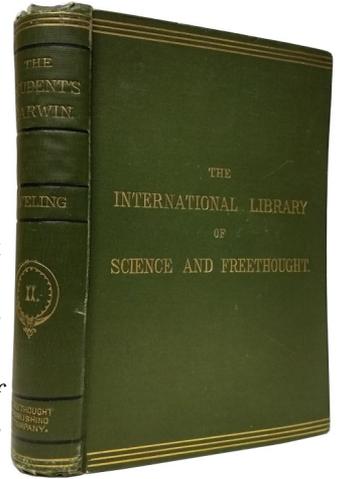
7. **COLONNA, Fabio.** Fabi Columnae Lyncei Phytobasanos cui accessit vita Fabi et lynceorum notitia adnoationeque in phytobasanon iano planco ariminensi auctore et in senensi academia anatomes publico professore. Florentiae (Florence): I.P. Aeire & Typpis Petri Caietani Viviani, 1744. Second edition, expanded (first published in 1592). With the bookplate of Stillman Drake. 4to., recently rebound in tan half calf, marble boards, raised bands, leather spine labels, (2), liii, 134pp plus 38 leaves of plates. [(1), a-e4, A-R4, plus 38 leaves of plates]. Some scattered foxing in the margins throughout including the

margins of some plates but not affecting the plates themselves, in fact a near fine copy which has not been trimmed. Hunt 165 for the first edition. *Phytobasanos*, the romanized title of this work, means plant touchstones. Touchstones were marble slabs used by goldsmiths to determine a metal's value and quality. Colonna wanted to produce a “touchstone” for plants which would provide a positive method of identification. As a result of his work, the study of plants took another step toward becoming a science. The first edition published in 1592 was one of the earliest books to contain pictures of plants printed from engraved or etched plates. This later edition, published posthumously includes beautiful intaglio metal

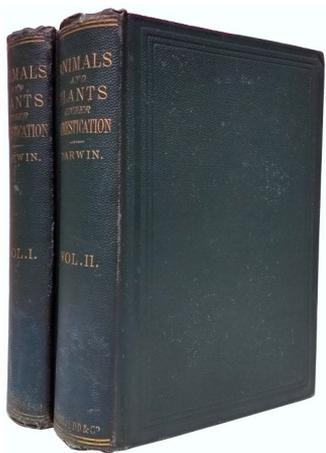


plates. Fabio Colonna was born in Naples to an illustrious family which traced its roots back to the Roman Empire. Colonna clearly had an inquisitive mind and was interested in the arts, languages, music and botany. Unfortunately he also suffered from epilepsy. This led to his discovery of the valerian root, an anticonvulsant, which appeared to be effective in controlling his seizures. A distinguished botanist, Colonna is credited with the discovery of about 80 new plants. \$4,500

8. **(DARWIN.) AVELING, Edward B.** *The Student's Darwin*. London: Freethought Publishing Company, 1881. First edition. Inscribed by the author to Ludwig Buchner, German philosopher, physiologist and physician. 8vo., orig. green cloth, xii, 339, viii, 24pp. catalogue dated June 1881. Slight rubbing to the spine ends but in fact a fine, bright copy. *Edward Aveling [1849-1898] was married to Marx's daughter, Eleanor and was active in the Social Democratic Federation. Buchner was one of the leading proponents of scientific materialism and the founder of the German Freethinkers League (Deutsche Freidenkerbund). In 1880 Aveling wrote to Darwin asking to dedicate the above work to him but Darwin declined. However in September 1881, Darwin granted an interview to Aveling and Buchner. "These two advocates were at the core of the linkage of Darwinism with atheism, and both to far-reaching social reform culminating in the replacement of class society by the oppressed."* \$500

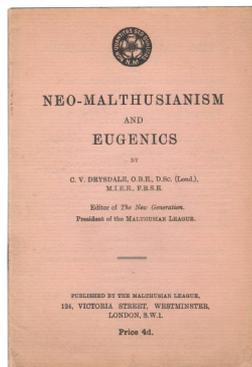


9. **DARWIN, Charles.** *Journal of the Researches Into The Natural History and Geology of the Countries Visited During the Voyage of H.M.S. Beagle Round the World, Under the Command of Capt. Fitz Roy...* London: John Murray, 1845. Second edition, corrected with additions (with the printers imprint on verso of the title). Sm. 8vo., recently rebound with a brown calf spine, marbled boards, raised band, leather spine label, viii, 519, (1)p. ad. A fine copy. Freeman 14. \$1,650



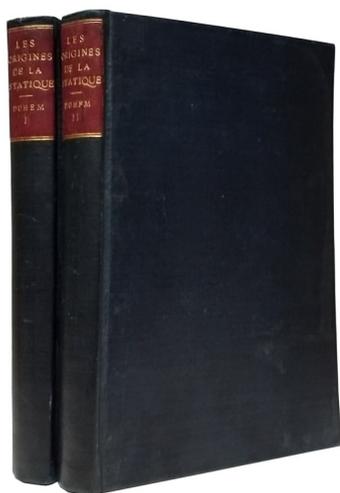
10. **DARWIN, Charles.** *The Variation Of Animals and Plants Under Domestication.* Authorized Edition, With a Preface by Professor Asa Gray. New York: Orange Judd & Company, (1868). In two volumes. First U.S. edition. 8vo., orig. green cloth lettered in gilt, x, (11)-494, (6)pp. ads; viii, (9)-568, (8)pp. ads. Name on titlepage, very faint mark at the base of the spines, very slight rubbing but in fact a near fine copy. Freeman 879. \$600

11. **DRYSDALE, C.V.** *Neo-Malthusianism and Eugenics.* London: The Malthusian League, (1922). Reprint (first published 1912). 8vo., orig. printed wrappers, (32)pp. Rubberstamp on upper wrapper, light soiling but still near fine. \$75



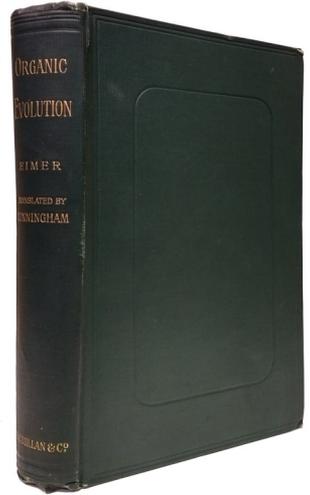
12. **DUHEM, P. (Pierre).** *Les Origines De La Statique Par...* Paris: Librairie Scientifique A. Hermann, 1905-1906. In two volumes. First edition. From the library of Stillman Drake with his bookplate. Tall 8vo., bound in contemporary navy buckram with red leather spine labels, iv, 360; viii, 364pp. Some light rubbing o/w a near fine copy. *Pierre Duhem [1861-1916] French physicist, mathematician and philosopher, known primarily for his work on chemical thermodynamics and the philosophy of science. For the greater part of the 19th century, those interested in the history of science treated the medieval period as one devoid of worthy scientific discovery.*

While Duhem subscribed to this theory in his writings published before 1902, his discovery of reference to medieval thinker Jordanus de Nemore, changed his views. "His pursuit of this reference, and the research to which it led, is widely acknowledged to have created the field of the history of medieval science. Where Duhem's previous histories had been silent, Les origines de la statique contained a number of chapters on medieval science: one treated Jordanus de Nemore; another treated his followers; a third argued their influence on Leonardo de Vinci. In the second volume, Duhem greatly extended his historical scope. As expected, he covered seventeenth-century statics,

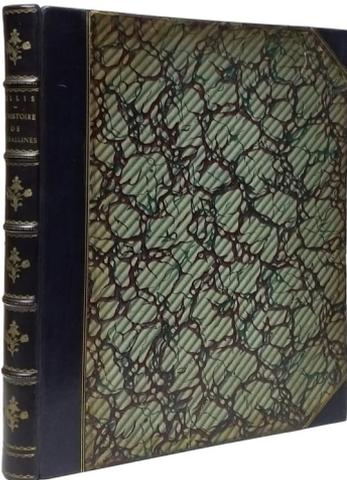


but he also returned to the middle ages, spending four chapters on geostatics, including the work of Albert of Saxony in the fourteenth century. *Les origines de la statique is thus a transition from Duhem's early conventional histories to the later work for which he is best known, Etudes sur Léonard de Vinci, and Le Système du monde, in which his thesis of the continuity of late medieval and early modern science is fully displayed.*' (*Stanford Encyclopedia of Philosophy*). \$750

13. **EIMER, G. H.** Theodor. *Organic Evolution As The Result Of The Inheritance Of Acquired Characters According To The Laws Of Organic Growth*. Translated by J. T. Cunningham. London: Macmillan, 1890. First edition in English. Tall 8vo., orig. green cloth, xxviii, 435pp. Front free e/paper browned o/w an about fine copy. *Gustav Heinrich Theodor Eimer [1843-1898] German zoologist. In 1875, he became a professor of zoology and comparative anatomy at the University of Tübingen. He is credited with popularizing the term "Orthogenesis" to describe an intrinsic drive in life towards perfection, a form of directed evolution.* \$225



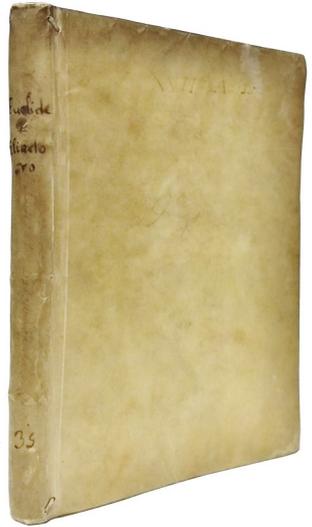
14. **ELLIS, Jean. (John).** *Essai Sur L'Histoire Naturelle Des Corallines, Et D'Autres Productions Marines Du Meme Genre, Qu'On Trouve Communement Sur Les Cots De La Grande-Bretagne Et D'Irlande; Auquel On A Joint Une Description D'Un Grand Polype De Mer, Pris aupres du Pole Arctique, par des Pecheurs de Baleine, pendant L'Ete de 1753 Par...* A la Haye: Chez Pierre de Hondt, 1756. First edition in French. 4to.,



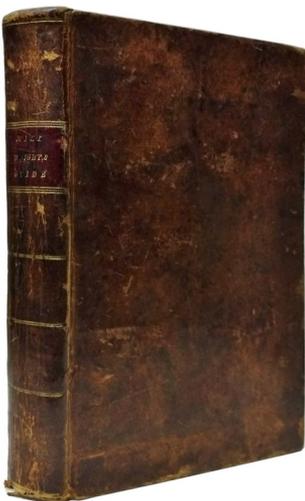
recently rebound with a dark blue half calf, contemporary boards, leather label, xvi, 125, (3)pp. ads. With an engraved frontispiece and 39 plates, 5 of which are folding. Minor stain in the upper margin up to page 10, some scattered foxing o/w a near fine copy. *Brit. Museum Natural History p.553; Freeman 1131 for first edition of 1755. "John Ellis was born in Ireland in c 1710. He was a merchant in London until 1764, when he became an agent for West Florida, and subsequently for Dominica in 1770. He became a Fellow of the Royal Society, and published his An Essay towards the Natural History of the Coral-*

lines in 1755. He was awarded the Copley medal of the Royal Society in 1768, for his research in this area. He published various other works on aspects of natural history, including descriptions of the coffee-tree, the mangostan and the breadfruit. Linnaeus named a group of boraginaceous plants 'Ellisia' in his honour. He died in 1776." (Royal College of Surgeons) The above work includes a description of a large marine polyp taken near the North Pole by the Whale-fishers in the summer of 1753. \$2,250

15. **EUCLID.** La Prospettiva Di Euclide, Nella quale si tratta di quelle cose, che per raggi diritti si veggono & di quelle, che con raggi riflessi... Tradotta Dal R. P. M. Egnatio Danti... con alcune sue annotazioni de'luoghi piu importanti; insieme con la Prospettiva di Elidoro Larisseo, cauata della Libreria vaticana, e tradotta dal medesimo nuouamente data in luce. Fiorenza: Nella stamperia de'Guinti, 1573. Italian edition of "Optica." Sm.4to., full contemporary vellum, [4] leaves, A-S4, T2 (T2 blank). Title in ink on the spine, bookplate, repair to Q3 recto and verso affecting a bit of the text slight stain on the last dozen leaves but still a near fine copy. Adams E1021. La



Prospettiva is a translation of Euclid's Optica; it is followed by Gli speechi de Euclide (pp.77-110) which is a translation of the spurious Catoptrica. La prospettiva di Eliodoro Larisseo has a special titlepage; to this Italian version is appended the original Greek text and Latin translation with a special titlepage: Heliodori Larissaei Capita Opticorum. \$3,500



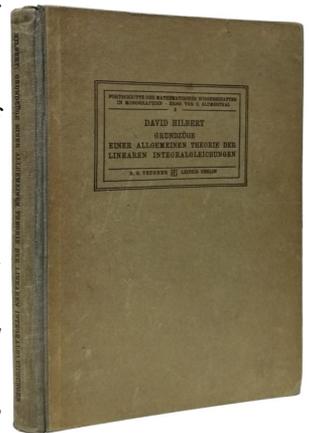
16. **EVANS, Oliver.** The Young Mill-Wright's & Miller's Guide. In Five Parts. Embellished by Twenty-Five Plates. Octoraro: Printed by Francis Bailey, 1807. Second edition. 8vo., full contemporary calf, leather spine label, viii, 364pp. With 25 plates (12 plates bound in at the end of Part the Fourth, and 13 bound after the appendix). Plate XIII in the second group is mistakenly marked "XIV." Plate XII in the first group has been tipped on the front pastedown, name stamped at the foot of the title, contemporary ownership signatures on the front and rear e/papers,

some light foxing (especially to plates), binding rubbed at edges and along the spine but this in fact a better than very good copy. *Oliver Evans [1755-1819] American inventor born in Newport. In 1777 Evans designed a machine for making card teeth for carding wool. His designs also contributed to many improvements in the flour milling industry. In 1801 he “improved a high pressure steam engine and contemplated the idea of applying steam power to wagons. Although he was granted a patent for a steam carriage in 1794, he was unable to secure the interest and investment necessary to produce a working example of his design.” One of Evans most important inventions was an automated flour mill which he patented and is described in the above work. “The Evans material handling system became widely used in flour mills and breweries during the 19th century.”* \$1,500

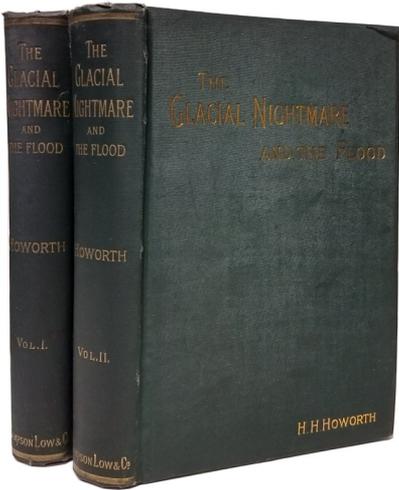


17. **FORESTANI, Lorenzo.** *Practica D’Arithmetica E Geometrica...Di nuouo Ristamata, e con smma diligenza Ricorretta. All’ Illustrissimo, e Clarissimo Sig. Sig. e Padron Colendissime... Siena: Stamparia de Publico, 1682. 8vo., full contemporary vellum, (12), 1-551, (552)pp. With illustrations in the text. Piece torn off lower corner of the titlepage affecting the date with only “MDCLX” remaining, severe browning foxing to last 6 leaves, lacking both e/papers, the inner hinges are starting, some wear to the head of the spine but this is still a very good copy of a scarce book. *Forestani’s work on geometry, probability, indeterminate problems and a description of the instruments then known.* \$1,250*

18. **HILBERT, David.** *Grundzuge einer allgemeinen Theorie der linearen Integralgleichungen... Leipzig & Berlin: B. G. Teubner, 1912. First book edition. With the bookplate of Stillman Drake. Tall 8vo., orig. cloth-backed, printed paper boards, xxvi, 282pp. Endpapers brown and brittle, pages slightly browned, small tear at the top of the spine but o/w a near fine copy. *This is the first book edition of Hilbert’s six most important papers on integral equations, first published from 1904 to 1910, with an additional chapter on kinetical theory of gasses.* \$500*

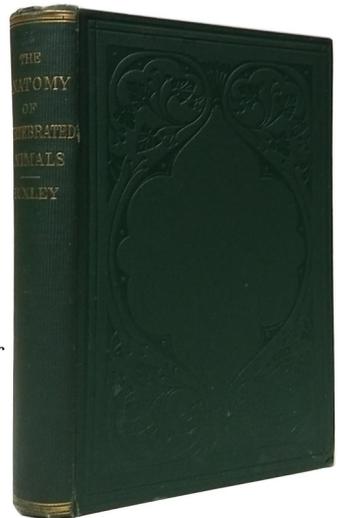


19. **HOWORTH, Henry H.** *The Glacial Nightmare and the Flood. A Second Appeal to Common Sense From the Extravagance of Some Recent Geology.* London: Sampson Low, Marston & Company, 1893. In two volumes. First edition. With the bookplate of the Fraser Institute, which reads in part ‘Bequest of the late John H.R. Molson.’ Small rubber stamp of the Institute at the foot of the titlepages. Tall 8vo., orig. green cloth, (xxviii), 376; (xii), (377)-920pp. Inner front hinge cracked, some very minor rubbing but o/w an about fine copy. *Henry H. Howorth [1842-1923] Conservative politician and amateur geologist. In addition to his political career, Howorth was an active amateur geologist, who was made a Fellow of the Royal Society, despite his lack of formal scientific training. He contributed regularly to periodicals and also wrote several books on geology. His books, including the above title, were attacks on the theories of Charles Lyell, in which Howorth argued against the*

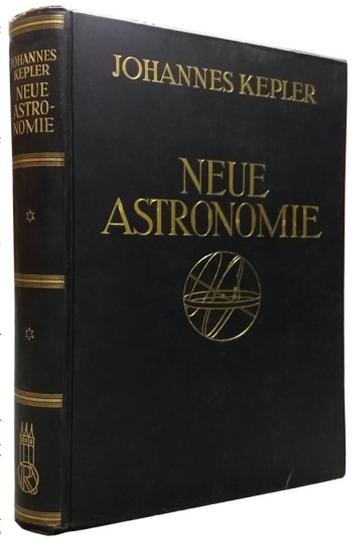


existence of ice ages in favour of the theory of ‘great floods.’ This copy of The Glacial Nightmare was a bequest of the Canadian entrepreneur (brewer) and philanthropist, John H. R. Molson, who, along with several other prominent businessmen, set up a fund to pay for the building of the Fraser Institute. \$450

20. **HUXLEY, Thomas H.** *A Manual Of The Anatomy Of Vertebrated Animals.* New York: D. Appleton, 1872. First U.S. edition. 8vo., orig. green cloth, 431pp. With illustrations. A fine copy. *Huxley published this influential textbook “to inform comparative anatomy students of the relationship between the anatomical structure of the orang-utan, the gorilla and the chimpanzee and that of man, and the classification and organization of mammals.” The Victorian Age: An Anthology of Sources and Documents \$500*

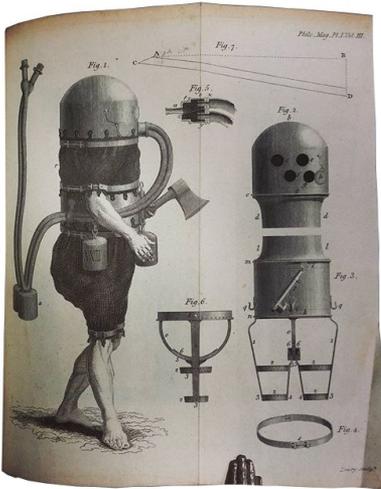


21. **KEPLER, Johannes.** *Neue Astronomie* Übersetzt Und Eingeleitet von Max Caspar. Mit XIII Und 68 Figuren. Munchen -Berlin: Verlage R. Oldenbourg, 1929. With the bookplate of Stillman Drake. 4to., orig. black cloth lettered in gilt, 416pp. Some notes in pencil by Prof. Drake on a few pages o/w a fine copy. \$700

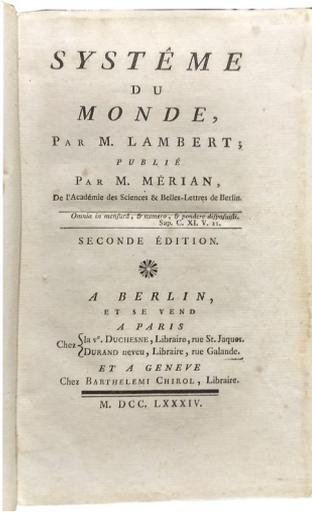


22. **KLINGERT, C. H.** *Description of a new Diving Machine, proper for being employed in Rivers, &c. By...* Extracted from the Author's Account of it, published at Breslau. [IN] **TILLOCH, Alexander.** *The Philosophical Magazine: Comprehending the Various Branches of Science, the Liberal and Fine Arts, Agriculture, Manufactures, and Commerce.* Vol. III. London: Printed for Alexander Tilloch..., (1799). [BOUND WITH] **TILLOCH, Alexander.** *The Philosophical Magazine...* Vol. IV. London:

Printed by J. Davis..., (1799). From the library of Stillman Drake, with his bookplate. 8vo., cont. calf spine, marble boards, spine lettered in gilt, vi, 441; vii, 440pp. With 19 plates. Klingert pp. 59-66, two accompanying plates. Name, additional bookplate on verso of title page, corner of spine head chipped, boards rubbed with discolouration at extremities, very good. *Karl Heinrich Klingert [1760-1828] designed the first-ever atmospheric diving suit in 1797, which he proposed be used for cleaning refuse and the bottom of the river Oder. "It consists of a jacket and trousers made of waterproof leather, a helmet with a porthole,*



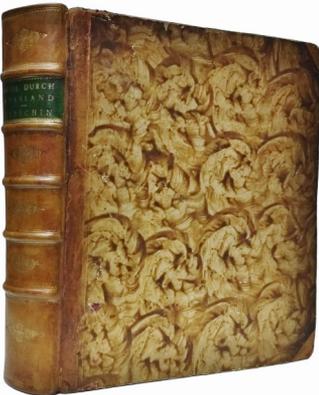
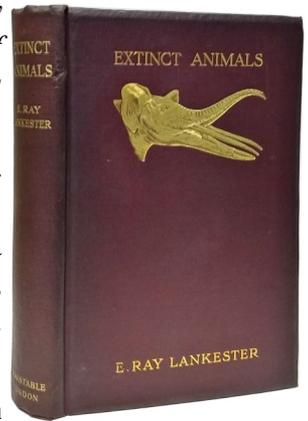
and a metal front. It is linked to a turret with an air reservoir. The reservoir cannot replenish itself, so the suit has a limited dive time duration." Other pieces in these volumes include Volta on Animal Electricity, De Saussure on primitive mountains and a Theory of the Earth, and Blumenbach's "On the possibility of casual mutilations in the bodies of animals becoming in the course of time hereditary marks of distinction". \$500



23. **LAMBERT, M. (Johann Heinrich).** Systeme Du Monde, par... Publie par. Merian... Berlin, et se vend A Paris... Duchesne...Durand... 1784. "Seconde edition", so stated. 8vo., rebound in marble paper wrappers, viii, (1)-180pp. [(3), A-L8] (lacking a halftitle?) A fine copy. This was first published in 1761, an abridged edition in French appeared in 1763-4, and it was finally published in its entirety in French in 1770. DSB; Ball "A Short Account of Mathematics." *Lambert German-French philosopher and scientist [1728-1777]. Lambert "elaborated a theory according to which the thousands of stars surrounding the sun constituted a solar system. Moreover, he considered the Milky*

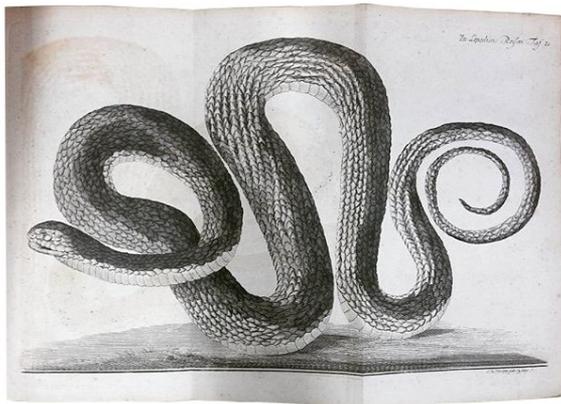
Way as a large number of such systems, that is, a system of higher order. Certain difficulties and interpretations concerning the motions of Jupiter and Saturn had led him to conclude that a force must exist outside our planetary system, which must be but a small part of another, much larger system of higher order. These bold speculations, born of the Leibnizian belief in the most perfect of all possible worlds, far transcended astronomy." He also developed many basic concepts in mathematics, including that of hyperbolic functions in trigonometry as well as proving that pi is incommensurable. \$500

24. **LANKESTER, E. Ray.** Extinct Animals. London: Archibald Constable & Co., Ltd., 1905. First edition. Tall 8vo., orig. maroon cloth with a small pictorial decoration on the upper cover, xiii, 331, (30)pp.ads. With illustrations. A fine, bright copy. \$275



25. **LEPECHIN, Iwan and Christian Heinrich Hase (translator).** Tagebuch der Reise durch verschiedene Provinzen des Russischen Reiches in den Jahren 1768 und 1769... (BOUND WITH): Tagebuch der Reise durch verschiedene Provinzen Russischen Reiches in Jarh 1770... Altenburg: Richterrischen Buchhandlung, 1774, 1775. Two volumes bound in one. First German editions. 4to., 19th-century patterned boards, which have been rebacked with a 20th-

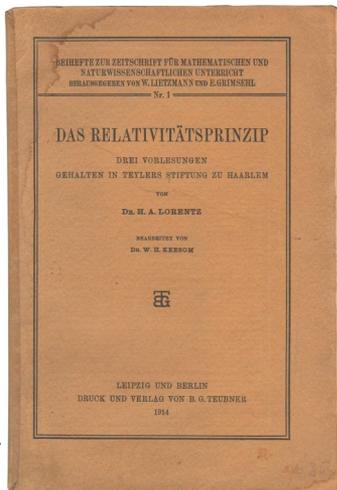
century spine, raised bands, leather spine label, (10), (332), (2), (211)pp. With 16 folding plates in volume one and 11 folding plates in volume two, as called for. Foxing to endpapers, some foxing to some pages in the second work, there is uniform offsetting on the text block throughout, some scattered light foxing to the plates, one plate has a closed marginal tear, extremities of boards lightly rubbed, but this is still about near fine. Rare. Russica L 634; Nissen ZBI 2451.



Ivan Lepechin [1740-1802], physician, naturalist, and explorer. Lepechin was appointed by the Academy of Sciences in St. Petersburg to head one of five academic expeditions to explore the Russian Empire. Upon returning from his travels, he became the head of the Imperial Botanical Gardens in St. Petersburg—a

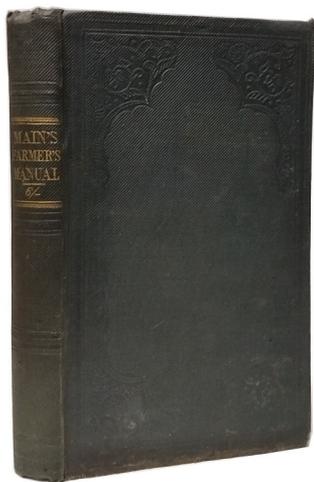
post he held until his death. These first two (of four) accounts cover the first part of his expedition, from St. Petersburg to the south-Russian steppes between the Volga and the Ural river, and into the Ural Mountains (not present here are volume three, published in German in 1783, covering his exploration in Siberia, and volume four, published posthumously and never translated in to German, covering his journey into West Russia). \$18,500

26. **LORENTZ, H. A.** Das Relativitätsprinzip Drei Vorlesungen Gehalten In Teylers Stiftung Zu Haarlem Von... Bearbeitet Von Dr. W.H. Keesom. Leipzig and Berlin: Druck Und Verlag Von B.G. Teubner, 1914. First edition. Tall 8vo., orig. printed wrappers, 52pp. Slight dampstain in the upper corner of the front wrapper near the spine and while it has penetrated the wrapper, there are only very slight traces in the upper margins of the text pages; spine has been tidily reinforced with tape, an o/w very nice copy. *Hendrik Lorentz* [1853-1928] refined Maxwell's electromagnetic theory in his doctoral thesis "The theory of the reflection and refraction of light" in



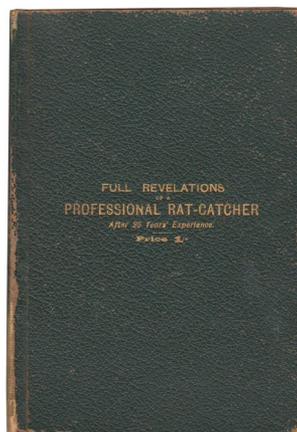
1875. He was professor of mathematical physics at Leiden from 1878 to 1912. In 1902 he won the Nobel Prize for the development of his mathematical theory of the electron. "Lorentz is also famed for his work on the Fitzgerald-Lorentz contraction which is a contraction in the length of an object at relativistic speeds. Lorentz transformations, which he introduced in 1904, form the basis of Einstein's special theory of relativity." \$300

27. **LORENTZ, H. A.** Sichtbare Und Unsichtbare Bewegungen... Braunschweig: Druck Und Verlag Von Friedrich Vieweg Und Sohn, 1902. Tall 8vo., orig. maroon cloth, (124)pp. Near fine. "Visible and Invisible Movements." \$350

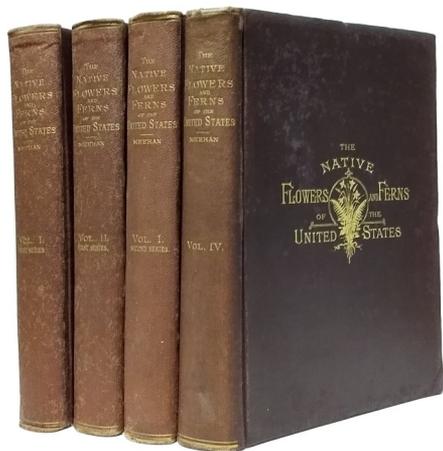


28. **MAIN, J.** The Young Farmer's Manual: Practice and Principles of Agriculture as Applicable to Turnip-Land Farms, in the South of England; with Collateral Observations and Remarks on Agricultural Cattle, Plants, Implements & c... London: James Ridgway, 1847. Second edition. 8vo., orig. green blindstamped cloth, (xii), 274, (2), 12pp.ads. Book-plate on the front free e/paper, a portion of the rear pastedown has been torn off but this is still a near fine copy. *In the preface the author writes, "the following pages contain a detail of the actual proceedings and practice of a working farmer, who took an active and laborious part in every operation which he describes..."* \$225

29. **MATTHEWS, Ike.** Full Revelations of a Professional Rat-catcher, After 15 Years' Experience. Manchester: W.H. Smith & Son, nd. (1898) Sm. 8vo., orig. flexible paper boards, (64)pp. Lower third of the spine chipped away, boards worn but still a good copy of a scarce item. \$200

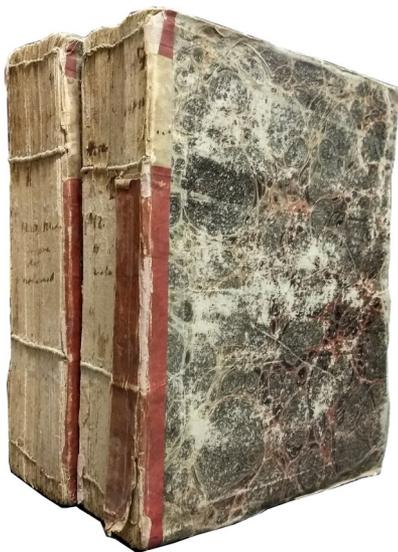


30. **MEEHAN, Thomas.** The Native Flowers And Ferns Of The United States In Their Botanical, Horticultural, And Popular Aspects. Boston: L. Prang And Company, (1878-1880). In four volumes. (First Series, Vols. 1 & 2; Second Series Vols. 1 & 2.) Sm. 4to.,



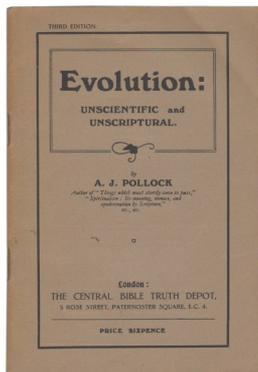
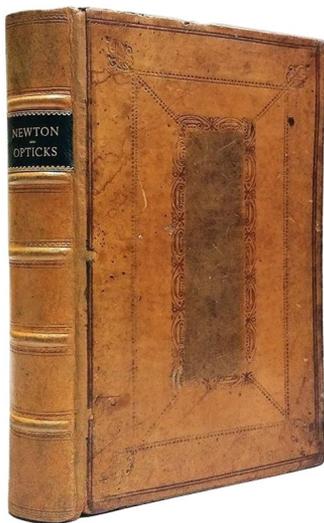
orig. cloth with small gilt decoration on the upper boards, A.E.G., ix, 192; v, 200; ix, 196; 204pp. With 192 chromolithograph plates (48 per volume). Spines a bit faded with a few small holes in the rear spine gutter of Series Two volume one but o/w a near fine set. Bennett p.75. *Thomas Meehan [1826-1901] British-born nurseryman, botanist and author. He worked as a Kew gardener from 1846 to 1848, and then moved to Germantown in Philadelphia. He was the founder of Meehan's Monthly (1891-1901) and editor of Gardener's Monthly (1859-1888). Author of several horticultural/botanical works, the above is Meehan's masterpiece, printed by Prang, the leading American chromolithographer of the period.* \$2,000

31. **MONTUCLA, Jean Etienne.** Histoire des Mathematiques, Dans laquelle on rend compte de leurs progres depuis leur origine jusqu'a nos jours; ou l'on expose le tableau & le developpement des principales decouvertes, les contestations qu'elles ont fait naitre & les principaux traits de la vie mathematiciens les plus celebres. Paris: Ch. Ant. Jombert, 1758. In two volumes. First edition. With the bookplate of Stillman Drake. 4to., cont. paper spines, marbled boards, xxxvi, 638; 1, 680pp. With 15 plates, mostly folding. Lacking the blank at rear of volume one, spines almost completely chipped away, upper cover of volume



one holding by cords only, o/w a very nice, clean copy. *Jean Etienne Montucla [1725-1799] French mathematician. This is Montucla's major work. The first volume covers the history of mathematics from ancient times to 1700, while the second volumes is entirely devoted to 17th-century mathematics. This work was described as "...the first attempt of a history of mathematical ideas and problems..." Montucla had intended to produce a third volume but abandoned this idea.* \$1,500

32. **NEWTON, Isaac.** *Opticks: Or, A Treatise Of The Reflections, Refractions, Inflections and Colours of Light.* London: Printed for William and John Innys at the West End of St. Paul's, 1721. Third edition, corrected. 8vo., full contemporary calf, blind stamped borders, rebacked with a new calf spine after the period, new leather label, (8), 382, (2)pp. ads. With 12 folding plates. This copy has been professionally rebacked with a new calf spine after the period, new leather label, some scattered foxing but o/w a near fine copy. Babson 135. *Newton's Opticks was first published in 1704. It aimed "not to explain the Properties of Light by Hypotheses, but to propose and prove them by reason and experiment". The great achievement of the work was to show that colour was a mathematically definable property. Newton's "Queries", added to the first Latin edition of 1706 and augmented in subsequent editions, are an important source for his views on natural philosophy in general.* \$8,500



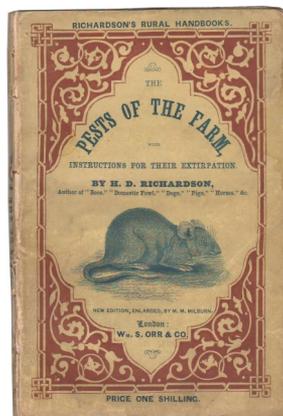
33. **POLLOCK, A. J.** *Evolution: Unscientific and Unscriptural.* London: The Central Bible Truth Depot, nd. (193-?) 'Third Edition' so stated on the upper wrapper. Sm. 8vo., orig. wrappers, 64pp. A fine copy of this 'anti-evolution' pamphlet. \$45

34. **PONTOPPIDAN, Erich. (Erik).** *The Natural History Of Norway: Containing A particular and accurate Account of the Temperature of the Air, the different Soils, Waters, Vegetables, Metals, Minerals, Stones, Beasts, Birds, and Fishes; together with the Dispositions, Customs, and manner of Living of the Inhabitants: Interspersed with Physiological Notes from eminent Writers, and Transactions of Academies. In Two Parts.* London: Printed for A. Linde,... 1755. Two parts bound in one volumes. 4to., full contemporary calf, raised bands, leather spine label, xx, (4), (1)-206; (viii), (1)-(292), (11)pp. index. With 28 plates. Outer hinges cracked but held by the cords, 1" piece out

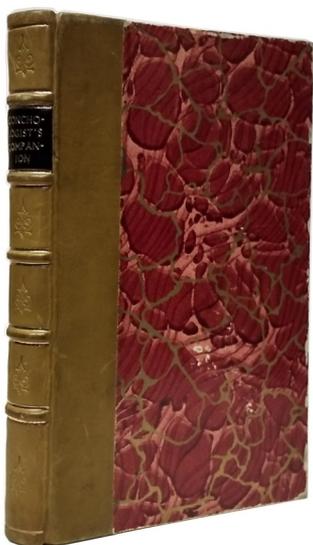


of the top of the spine and wear to foot but certainly a very good copy. *Erik Pontoppidan [1698-1764] Danish bishop, historian and antiquary. Early in his theological career he published devotional works, including an explanation of the Lutheran Catechism. In addition to his theological pursuits, Pontoppidan was also occupied with antiquarian and topographical studies. As his episcopal duties in Norway required him to travel around the country, he gathered information and produced the above work. The descriptions were based "on his observations and provide information on the Norwegian peasant population, their way of living and thinking, and of the Norwegian flora and fauna, inspired principally by the great Swedish naturalist Carolus Linneaus."* \$5,500

35. **RICHARDSON, H. D.** *The Pests of the Farm, A Manual of Plain Directions for the Extirpation of Every Description of Vermin and Insects Destructive to Vegetation. A New Edition, Revised and Much Enlarged by M. M. Milburn.* London: Wm. S. Orr and Co., nd. (185-?) 8vo., orig. pictorial wrappers, (viii), (9)-143pp. Illustrated. Head and foot of spine chipped away, some soiling but certainly a very good copy of a delicate item. \$150



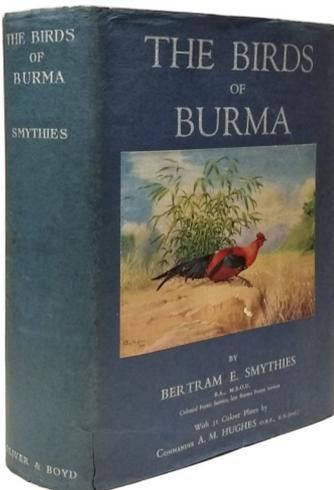
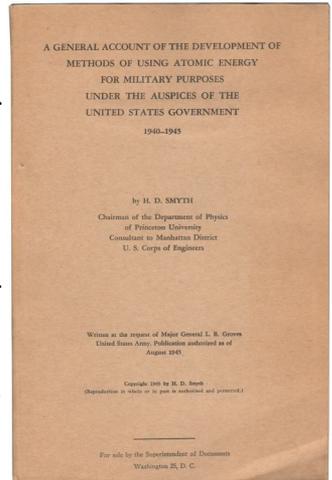
36. **(ROBERTS, Mary).** *The Conchologist's Companion; Comprising the Instincts and Constructions of Testaceous Animals; With a General Sketch of Those Extraordinary Productions Which Connect the Vegetable and Animal Kingdoms.* By the author of... London: Printed For G. And W.B. Whittaker, 1824. 8vo., rebound in modern tan half calf, marble boards, raised bands, leather spine label, xii, (252)pp. With an engraved frontispiece. Near fine. *Mary Roberts [1788-1864] biographer and scientific writer. Roberts most famous work is Select Female Biography (1821) which "aims to catch some of the brightest rays of moral and intellectual experience." Roberts wrote some dozen works on a wide range of scientific and educational topics including the above work on conchology.* \$450





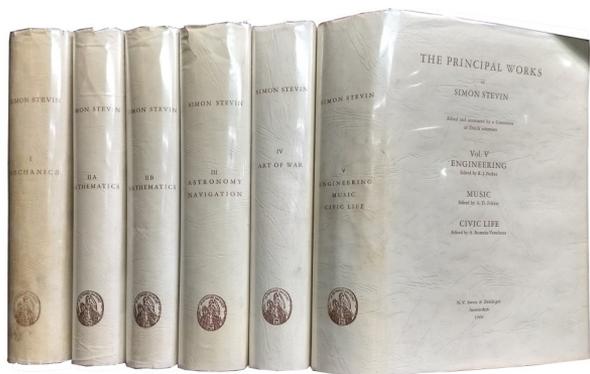
37. **SCOTT, William. (Editor).** *The House Book; Or, Family Chronicle of Useful Knowledge, and Cottage Physician: Combining Medicine, Cookery, Diet, General Economy, Health, Sea-Bathing, Gardening, Manufacturers Arts,... with the Various Branches of Domestic Concerns; Including Upwards of A Thousand Select Recipes and Prescriptions...* London: Sherwood, Gilbert and Piper, 1826. Sm. 4to., orig. cloth backed boards, printed paper spine label, xvi, 614pp. With a frontispiece in colour. Some foxing, wear to top of the spine, spine label chipped affecting title a very good copy in original boards. \$450

38. **SMYTH, Henry De Wolf.** *A General Account of the Development of Methods of Using Atomic Energy For Military Purposes Under the Auspices of the United States Government 1940-1945.* Washington, D.C.: Government Printing Office, 1945. First of this edition (preceded by a preliminary mimeographed version prepared for press use). With the bookplate of Stillman Drake. Tall 8vo., orig. wire stitched printed wrappers, 182pp. A fine copy. Printing and the Mind of Man 422e. *A full and detailed account of the development work carried out between 1940-1945, under the code name "Manhattan District" which resulted in the production of the first atomic bomb.* \$1,000



39. **SMYTHIES, Bertram E.** *The Birds of Burma.* By...With 31 Colour Plates by Commander A. M. Hughes. Edinburgh: Oliver & Boyd, (1953). Second edition, revised. Sm. 4to., orig. dark green cloth, (xliv), 668pp. With illustrations and a large folding map at rear. Name, some rippling on cloth (binding flaw) but in fact a near fine copy in the d/w, which has a pictorial paper panel on the front, and is slightly rubbed but o/w very nice. *First published in 1940, this work aimed at providing, in non-technical language, a concise and accurate account of the birds of Burma. The*

book has been re-written on former lines but with view to placing on record all first-hand information of value, whether on a bird's appearance, voice, habitat, behaviour, food, breeding, biology, or status and distribution collected down to 1948... \$750



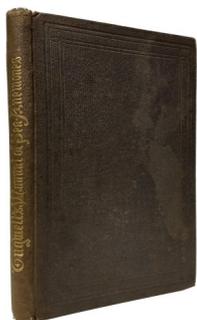
40. **STEVIN, Simon.** *Principal Works of Simon Stevin.* Edited and Annotated by a Committee of Dutch Scientists. Amsterdam: Swets & Zeitlinger, 1955-1966. With the bookplate of Stillman Drake. Sm. 4to., cloth. Fine in nice d/ws. Volume I: Mechanics; Volume 2A and B: Mathematics;

Volume 3: Astronomy, Navigation; Volume 4: The Art of War; Volume 5: Engineering, Music, Civic Life. \$2,250

41. **THOMPSON, E. P.** *The Note-Book of a Naturalist.* London: Smith, Elder and Co., 1845. First edition. 8vo., orig. green cloth with a small pictorial gilt decoration on the upper cover and elaborate gilt on the spine, xii, 275, (276 blank), 24pp. ads dated "December, 1844." Some scattered foxing, which is heavier on the first few leaves, o/w a fine copy. \$185



42. **TUGWELL, George.** *A Manual Of The Sea-Anemones Commonly Found On The English Coast.* London: John Van Voorst, 1856. First edition. 8vo., orig. brown cloth, (viii), 123, (1)p. errata. With seven plates in colour (including a folding frontispiece). Slight dampstain on upper cover, some minor chipping to spine ends but in fact a very nice, better than very good copy. *A study of sea-anemones for beginners.* \$400



43. **TULL, Jethro.** *The Horse-Hoeing Husbandry: A Treatise on the Principles of Tillage and Vegetation, wherein is taught a Method of introducing a sort of Vineyard Culture into the Corn Fields... To Which Is Prefixed, An Introduction, explanatory of some Circumstances connected with the History and Division of Work...* by William



Cobbett. London: Published by William Cobbett,... 1829. Second Cobbett edition (first Cobbett edition was published in 1822, the first edition of this work was published privately in 1731, then reissued in 1733). Tall 8vo., orig. cloth-backed paper boards, printed paper spine label, xxiv, 466pp. With an engraved plate. Inner front hinge cracked, printed label chipped with no loss to lettering, spine a bit rubbed but in fact a near fine copy in original boards. \$650

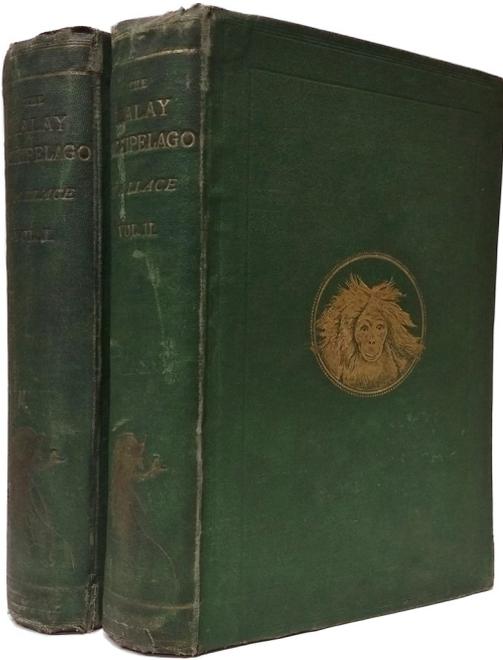


44. **VALMONT DE BOMARE (Jacques-Christophe)**. Dictionnaire Raisonne Universel D'Histoire Naturelle, Contenant L'Histoire Des Animaux, Des Vegetaux et Des Mineraux, et celle des Corps celetes, des Meteores, et des autres principaux Phenomenes de la Nature... Quatrieme Edtion, revue et considerablement augmentee par l'Auteur. Lyon: Chez Bruyset Freres, 1791. In fifteen volumes. Fourth edition, corrected and enlarged. 8vo., full contemporary calf, raised bands, leather spine labels. With an engraved frontispiece in volume one. Foot of the spine of volume five and head of volume nine chipped, calf rubbed and worn in places on some of the covers of other volumes but this is still a very good set. Catalogue of the Library of the British Museum Natural History, p.2192. *Jacques-Christophe Valmont de Bomare [1731-1807] French scientist whose works on natural history "made him one of the most influential popularizers of natural history studies in France during the later years of the Enlightenment." In 1762 he published Mineralogie... in which he described and classified minerals. His most important work was the above Dictionnaire, first published in 1764 in five volumes. Four enlarged editions appeared, the last in fifteen volumes in 1800. "Valmont de Bomare's Dictionnaire was highly successful in encouraging the popular study of natural history, and it served as a model for all similar works."* \$1,500

45. **WALLACE, Alfred Russel.** *The Malay Archipelago: The Land Of The Orang-Utan, And The Bird Of Paradise. A Narrative Of Man And Nature.* London: Macmillan And Co., 1869. In two volumes. First edition. 8vo., orig. green cloth with a small circular pictorial decoration in gilt on the upper boards, (xxiv), 478, (2), (52)pp. ads dated “December 1868; (4), 524pp. With eight engraved plates, maps including two folding, and illustrations in the text. Large folding map in volume one reinforced at one fold (on verso), bookplate, inner hinges cracked, the binding has some wear along the spine, spine ends and corners, but this is still a very

good copy of an important book.

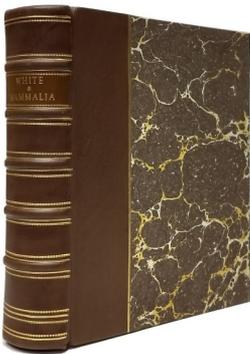
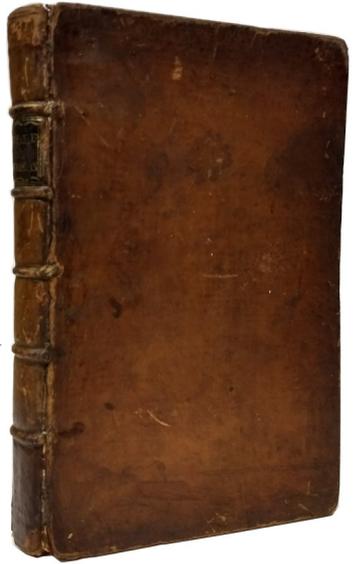
*“By the time he left the Malay archipelago, just less than eight years after his arrival in Malaya on 20 April 1854, Wallace had visited every important island in the group, many on multiple occasions. His efforts, drawing on perhaps 70 separate expeditions (requiring some 14,000 miles of island-to-island sailing in native crafts), reaped the astonishing harvest of 126,500 natural history specimens, including more than 200 new species of birds and well over 1000 new insects. His many experiences are imperishably detailed in his splendidly successful book *The Malay archipelago* (1869), a work that remained in*



*print in multiple editions more than a century later, and which continues to make for fascinating reading. In it are recorded, among other exploits, his efforts to capture specimens of the bird of paradise, his pursuit of the orang-utan, his activities in New Guinea (where he was one of the first Europeans to set up a residence), his various dealings with the region's many native peoples, and numerous vignettes conveying the joys and vicissitudes of the field naturalist's work. It was during the period from 1854 to 1862 that Wallace fully came into his own as a zoogeographer. The Malay archipelago provided the ideal geographical setting for species distribution studies, not only as an end in themselves, but as evidence critical to elucidation of the evolutionary process. His 1859 paper 'On the zoological geography of the Malay archipelago' (*Journal and Proceedings of the Linnean Society, Zoology*, 4, 1860,*

1728), a classic in that field, included his delineation of the abrupt zoogeographical discontinuity between the oriental and Australian faunal realms that now bears his name: *Wallace's Line*." (DNB) \$5,000

46. **(WHATELY, Thomas).** *Observations On Modern Gardening. Illustrated by Descriptions.* London: Printed for T. Payne and Son, 1777. Fourth edition. Tall 8vo., full cont. calf, (258)pp. Outer front hinge cracked but holding o/w a very good copy of this important work on landscape gardening. *Allibone states, "the taste for English gardening makes great progress here..." Whately was "the earliest writer I believe on the subject, landscape gardening. From his work which went through several editions, subsequent writers have borrowed largely, and generally with little acknowledgment..."* \$1,250



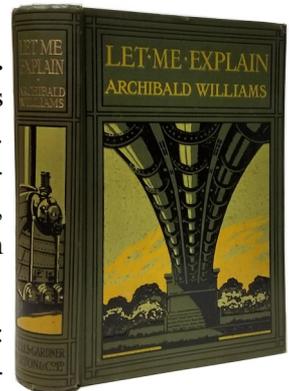
47. **WHITE, Adam.** *A Popular History of Mammalia; Comprising a Familiar Account of Their Classification and Habit.* London: Reeve and Benham, 1850. First edition. Sm. 8vo., recently rebound with a brown calf spine, marbled boards, raised bands, leather spine label, viii, 346, (4), 14, 8pp. ads dated "August 1850." With the original upper cover bound in at rear. With 16 hand-coloured plates. A near fine copy. \$650

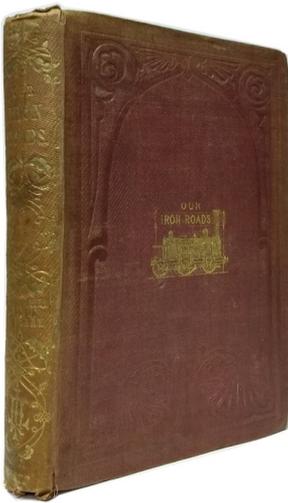
48. **WILLIAMS, Archibald.**

Let Me Explain. London: Wells Gardner, Darton & Co., (1924). First edition. Tall 8vo., orig. green cloth with pictorial decoration on the upper cover and the spine, (xii), 370pp. With illustrations. Ownership inscription on the front free e/paper o/w a fine copy. \$125

49. **WILLIAMS, Frederick S.** *Our Iron Roads: Their History, Construction, And Social Influences.* London: Ingram, Cooke and Co., 1852.

First edition. Tall 8vo., orig. plum cloth with a small pictorial decoration of a locomotive on the upper cover, gilt on the spine, (xii), 390pp. With illustrations. Name, some scattered foxing, spine faded to tan as is usual

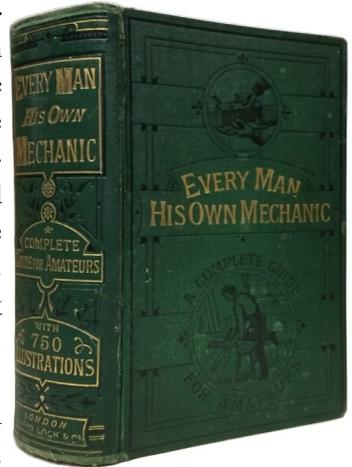




with this colour cloth, but still a near fine copy. *“Williams enjoyed a deserved reputation as a pioneer railway historian. Our Iron Roads appeared in 1852 and had run to seven editions by 1888, selling over 10,000 copies. The book gives a detailed account of the early history of the railways in Britain and explains at length the construction of embankments, cuttings, tunnels and viaducts.”* \$300

50. **(YOUNG, Francis.)** Every Man His Own Mechanic. A Complete and Comprehensive Guide to Every Description of Constructive and

Decorative Work that May be Done by the Amateur Artisan... London: Ward, Lock & Co., nd. (188-?) Seventh edition. Tall thick 8vo. orig. green cloth dec. in gilt and black, xii, 816, (10)pp.ads. Profusely illustrated. This copy has been professionally recased with the inner hinges reinforced with cloth, and with some repairs to the spine but still a very nice copy. \$250



51. **ZWORYKIN, V. K. and E. D. Wilson.** Photocells and Their Application. New York: John Wiley & Sons, 1930. First edition. With the bookplate of Stillman Drake. 8vo., orig. cloth, xi, 209pp. Name, spine slightly faded o/w a fine copy. *Vladimir Kosma Zworykin [1888-1982] is often referred to as the “father of television” for his pioneering technological developments, including a television transmitting and receiving system. The above title is “and excellent survey of the art and science of photoelectric cells, written in collaboration with E. D. Wilson of Westinghouse. This was Zworykin’s first book, and the first of five major books that he would write with fellow laboratory workers.” (Abramson, Zworykin, Pioneer of Television)* \$125

