

## *NATURAL HISTORY*

Natural history has been of long-standing interest to many Newton residents, as documented by the organization of the Newton Natural History Society in 1878 and its incorporation in 1883. The Society viewed as one of its objectives the introduction of natural history into the schools of Newton. Among the books in this section are not only the traditional books in such major fields as zoology, botany and geology, but selected monographs of the Newton Natural History Society.

One of the founding members of the Newton Natural History Society was Newton-born Charles Johnson Maynard. Maynard was a nationally known ornithologist respected for his research, particularly on the vocal organs of birds. His findings were self-illustrated and self-published in book form. The volumes were unique for that period in publishing because of the colored plates they contained. These plates were colored by a process that Maynard originated. The Newton Collection contains many of his works on New England and local birds.

Frisbee, J.F. ADDRESS BEFORE THE NEWTON NATURAL HISTORY SOCIETY. Newton, Mass., printed at the office of the Graphic, 1883-85. 3 v. in 2. annual.  
NEWTON/ Special: N 500.9 A22A (*Also Microform*)

Three annual addresses given by J. F. Frisbie, M.D., the founder and for many years the head of the Newton Natural History Society. Frisbie, a resident of Newton Corner, was a prominent citizen of Newton in the latter 1800's. Subjects covered in these addresses are: "The Franconia Flume," "Mount Washington: A tramp through Tuckerman's Ravine to the summit," and "A tramp down the bridle path from the summit to Crford's."

NATURE STUDY IN SCHOOLS. v. 1, no. 2, March 1899. West Newton, Mass. : C. J. Maynard. 1 v. monthly.  
NEWTON/ Special: N 500.9 N21N (*Also Microform*)

One issue of a magazine published in West Newton for teachers of primary grades. Articles on topics such as birds of early spring, insects in winter, and hibernation of animals. Also includes science lessons submitted by teachers. Illustrated with black and white engravings.

Newton Natural History Society. BULLETIN. v. 1, nos. 1-8; Oct. 1889-May 1890. Newtonville, Mass., C. J. Maynard. 8 no. monthly. ill.  
NEWTON/ Special: N 500.9 N48B (*Also Microform*)

Published monthly for one year, 1889-90. Library holds only first 8 months. Contains brief articles on such topics as birds, shells, and geology.

Newton Natural History Society. PAPERS. Newton. Mass. n.d. 38 p.  
NEWTON/ Special: N 500.9 N48N (*Also Microform*)

Contains newspaper clippings with addresses delivered before the Newton Natural History Society on such topics as marine zoology, mountains, and the town of Marblehead. Articles on the Society's meetings in the late 1800's are also included.

Newton Natural History Society. [PAPERS READ BEFORE THE NEWTON NATURAL HISTORY SOCIETY] [1881-1883]. 1 box (12 items) ; 24 x 17 x 3 cm.

NEWTON/ Special: N 500.9 N48P (*Also Microform*)  
N MICROFICHE 500.9 N48P 1881-1883

Papers read at the Society's monthly meetings. The papers presented were as follows: Rambles in the tropics : Jamaica / by William C. Bates -- Rambles in the tropics : among the Lesser Antilles / by William C. Bates -- Massachusetts ferns / by Sara E. Cushman -- Wild berries of New England / by Sara E. Cushman -- My summer garden over the shoals of Cataumut Harbor by Miss Sara E. Cushamn -- Sketches of a few jelly-fish / by J. Walter Fewkes -- Mountain building and mountain sculpture / by J. F. Frisbie M. D. -- Iron / by J. L. Ordway -- Mushrooms and toadstools / by Julius A. Palmer Jr. -- Birds / by D. W. Park -- Ancient America : the mound builders / Prof. J. K. Richardson -- Ancient America : the cliff dwellers / Prof. J. K. Richardson. These pamphlet form papers were originally published separately in Newton : by the Republican Job Print and printed at the office of the Graphic.

Newton Natural History Society. REGISTER. Newton Mass., printed at the office of the Graphic, 1883. 16 p.

NEWTON/ Special: N 500.9 N48R (*Also Microform*)

An annual publication of which the Newton Free Library holds only the first volume. Contains lists of officers and active members.

Skehan, James William. THE GEOLOGY OF NEWTON by James W. Skehan and Catherine W. Barton. Newton, Mass. : Newton Conservators, Inc., 1973. 27 p.

NEWTON/ Special: N 551 S62G 1973 (*Also Microform*)

This is a short history of the development of the Boston Basin and describes nine geology field locations in Newton. At these sites one can study examples of Newton's bedrock geology and surficial glacial deposits.

Frisbie, J. F. GLACIAL MORAINES. Newton, Mass. : Newton Republican Printing Co., 1880. 16 p.

NEWTON/ Special: N 551.314 F9IG 1880 (*Also Microform*)

Read before the Newton Natural History Society on June 26, 1880: (a paper delivered after the second field day walk in the vicinity of Bullough's Pond).

Farlow, William Gilson. MARINE ALGAE OF NEW ENGLAND AND ADJACENT COAST. Washington, Government Printing Office, 1881.

NEWTON/ Special: N 574.92 F22M (*Also Microform*)

Reprinted from Report of U.S. Fish Commission for 1879.

Maynard, Charles Johnson. APPENDIX TO THE TEXT OF MAYNARD'S SCHOOL ZOOLOGICAL COLLECTION. C. J. Maynard. Boston : Naturalist's Bureau, 1893. 36 p. ill.

NEWTON/ Special: N 591 M45A 1893 (*Also Microform*)

A supplement to text on mounts of specimens in school collection.

A CATALOGUE OF ZOOLOGICAL, SPECIMENS FOR SALE BY THE NATURALIST'S BUREAU, 1893-4. Newtonville, Mass., Naturalist's Bureau, 1893. 24 p. ill.

NEWTON/ Special: N 593 C28C 1893 (*Also Microform*)

Lists various sponges, corals, insects, shells, etc. for sale with prices for each. "Each object is correctly identified and labeled with both English and Latin names, locality and date of collection."

The Cerion (Mollusca : Gastropoda: Pulmonata: Cerionidae) taxa of Charles Johnson Maynard and their type specimens / M.G. Harasewych ... [et al.]. Cambridge, Mass. : Museum of Comparative Zoology, Harvard University, [2007]. p. 367-527 : ill. ; 26 cm.

NEWTON/ Special: N 594 H21C 2007

Bulletin of the Museum of Comparative Zoology ; v. 158, no. 7 includes bibliographical references (p. 522-523) and index.

Turner, Ruth Dixon. Charles Johnson Maynard and his work in malacology. Cambridge, Mass. : Dept. of Mollusks, Museum of Comparative Zoology, Harvard University, 1957. p. 137-152, 1 p. of plates : ill. ; 23 cm.

NEWTON/ Special: N 594 T85C 1957

Harvard University. Museum of Comparative Zoology. Department of Mollusks. Occasional papers on mollusks, v. 2, no. 21.

Maynard, Charles Johnson. THE BUTTERFLIES OF NEW ENGLAND: WITH ORIGINAL DESCRIPTIONS OF ONE HUNDRED AND SIX SPECIES, ACCOMPANIED BY TEN LITHOGRAPHIC PLATES. Newtonville, Mass., C. J. Maynard, 1886. 76 p. ill.

NEWTON/ Special: N 595.78 M45B [1886] (*Also Microform*)

The author presents "recognizable figures, and intelligible descriptions" of over 100 butterflies which could be found in New England a century ago. Hand drawn pictures of each butterfly are included on the ten pages of colored plates with an extensive description of each one.

Maynard, C.J. (Charles Johnson), 1845-1929. A MANUAL OF NORTH AMERICAN BUTTERFLIES / by Charles J. Maynard ; illustrated with ten hand-colored plates and many wood-cuts. Boston : De Wolfe, Fiske & Co., 1901, c1891. 226 p. : ill. ; 23 cm. NEWTON/ Special: [N 595.78 M45M 1891](#)

The author brings together for the first time, descriptions of all the species of butterflies which occur in North American, north of Mexico. He has avoided the use of technical terms and used instead a uniform description system. The numerous plates and wood cuts have, with one exception, have been drawn and engraved by Mr. Maynard. Click here to E connect to: [The manual](#)

Maynard, Charles Johnson. VOCAL ORGANS OF TALKING BIRDS: AND SOME OTHER SPECIES/ [WRITTEN AND] ILLUSTRATED BY THE AUTHOR. West Newton, Mass., C. J. Maynard, 1928. 380 p. ill. NEWTON/ Special: [N 598 M45V](#) (*Also Microform*)

Included are descriptions, and drawings of the vocal organs of dozens of birds and a few reptiles. The bulk of the text is a detailed description of the size and condition of each specimen's tongue, larynx, trachea, syrinx, bronchial tubes, lungs, etc.

AN ANNOTATED CATALOGUE OF THE COLLECTIONS OF THE MAYNARD CHAPTER OF THE NEWTON NATURAL HISTORY SOCIETY. West Newton, Mass., C. J. Maynard, 1903. 229 p. ill. NEWTON/ Special: [N 598.2 A61A 1903](#) (*Also Microform*)

Describes the stuffed bird and mineral collections of this natural history society that were available for loan to members. The chapter was organized to "render especial assistance to the teachers and pupils of Newton and neighboring towns, as well as others who had a liking for nature study."

Maynard, C. J. (Charles Johnson), 1845-1929. EGGS OF NORTH AMERICAN BIRDS; by Chas. J. Maynard. Illustrated with ten hand-colored plates. Boston, De Wolfe, Fiske & Co., 1890. iv, 159 p. col. pl. (incl. front.) 23 cm. NEWTON/ Special: [N 598.2 M45E 1889](#)

A descriptive work on the eggs of North American birds as a result of the authors thirty years of research. The author states "No eggs are described unless the identification of the specimen is absolutely correct." The nomenclature is that of the American Ornithologists' Union. Click here to E connect to the [Eggs of North American Birds](#)

Maynard, Charles Johnson. HANDBOOK OF THE SPARROWS, FINCHES, ETC. OF NEW ENGLAND. Newtonville, Mass., C. J. Maynard, 1896. 94 p. ill.

NEWTON/ Special: [N 598.2 M45H 1896](#) (*Also Microform*)

Includes descriptions of shape, color, and size of various sparrows, as well as a paragraph on general habits, nests and eggs, song and comparison with similar birds. Maynard wrote this as a field guide for beginning students of ornithology, to teach "habits of observation, and in training of the eye and ear," and dedicates it "to the school teachers of New England."

Click here to E connect to the [Handbook of the sparrows, finches, etc.](#)

Maynard, Charles Johnson. RECORDS OF WALKS AND TALKS WITH NATURE, conducted by C. J. Maynard. v. 1-12. West Newton, 1908-1920. 12 v. ill.

NEWTON/ Special: [N 598.2 M45R 1908-1920](#). (*Also Microform*)

These twelve volumes are the records of walks with a few people in a nature study class which grew in size until they became an important part of the ornithological world. Six volumes record walks, butterflies, gravestone rubbings, shells, etc. Walks were not confined to New England. Observations were recorded by experienced observers. First volumes are illustrated and later volumes detail records of place and time of sighting. Ceased publication with volume twelve.

Maynard, C. J. (Charles Johnson), 1845-1929 AN ATLAS OF PLATES FOR THE DIRECTORY TO THE BIRDS OF EASTERN NORTH AMERICA. [Vol. one] / Maynard. West Newton, Mass. : C.J. Maynard, 1906. [51 plates], [51] leaves, 4 leaves : col. ill. ; 35 cm.

NEWTON/ Special: [N 598.29 M45A 1905](#)

This work is exquisitely hand-colored by the author. The Frontispiece is an illustration of an adult Philadelphia Vireo in spring plumage. Each plate is accompanied by leaf of descriptive text. Plates and leaves of descriptive text alternated. Divided into 10 volumes, each containing 5 color plates with descriptive text. Interspersed throughout the book are green advertising pages for other works by Maynard.

Maynard, C. J. (Charles Johnson), 1845-1929. THE BIRDS OF EASTERN NORTH AMERICA : WITH ORIGINAL DESCRIPTIONS OF ALL THE SPECIES WHICH OCCUR EAST OF THE MISSISSIPPI RIVER, BETWEEN THE ARCTIC CIRCLE AND THE GULF OF MEXICO, WITH FULL NOTES UPON THEIR HABITS, ETC. / by C.J. Maynard. Newtonville, Mass. : C.J. Maynard, 1889. 721 p., XL plates : col. pl., col. ill. ; 38 cm.

NEWTON/ Special: [N 598.29 M45B 1889](#)

This revised second edition has preserved much of the of the original text, while adding more species, and new information on the descriptions, habits, etc., of species already noted. There are thirty-two plates drn on stone and hand colored by the author.

Maynard, C. J. (Charles Johnson), 1845-1929. THE BIRDS OF EASTERN NORTH AMERICA : WITH ORIGINAL DESCRIPTIONS OF ALL THE SPECIES WHICH OCCUR EAST OF THE MISSISSIPPI RIVER, BETWEEN THE ARCTIC CIRCLE AND THE GULF OF MEXICO, WITH FULL NOTES UPON THEIR HABITS, ETC. / by C. J. Maynard. Newtonville, Mass., C.J. Maynard, 1896. Rev. ed. 721 p. : ill. (partly col.) XL col. pl. ; 34 cm.  
NEWTON/ Special: [N 598.29 M45B 1896](#)

Much of the original text has been preserved intact from the first edition. However extensive additions, not only in number of species but in new matter pertaining to descriptions, habits, etc., has been added. The additions are the results of Mr. Maynard's studies among the birds of Florida, The Bahamas, and the West Indies. Special attention was given to Water Birds with many new facts noted by the author. Includes index.

Fleishman, Thelma. CHARLES RIVER DAMS. Auburndale, Mass., Charles River Watershed Association, 1978. 25 p. ill.

NEWTON/ Special: [N 627.8 F62C 1978](#) (*Also Microform*)

Gives a general history of the dams and mills along the Charles River from the 17th century to the present. A separate but brief chronological history is also presented for each of the nineteen dams on the river today.

NEWTON GARDEN TOUR. [Newton, Mass.] : Newton Pride Committee, v. : chiefly col. ill. ; 23 cm. Annual Began in the early 2000s.

NEWTON/ Special: [N 712.097 N48N](#)

For some years, the garden tour is accompanied by a plant sale. Brochures advertising the Newton Garden Tour. Includes an order form for purchasing tickets. Brochures from 2003 and 2007.

DISCOVER NEWTON PARKS & RECREATION : CRYSTAL LAKE 2007. [Newton, Mass. : Parks & Recreation Dept., 2007] [4] p. ; 22 cm.

NEWTON/ Special: [N 797.2 D63D 2007](#)

Brochure advertising the facilities offered by Crystal Lake in Newton, Mass. Includes hours of operation, contact information, rules and registration information for swimming lessons.

Ensign, Charles S. WATERTOWN; THE WEARS [SIC]; THE SOUTH SIDE; MORSE FIELD. Watertown Enterprise, 1890.

NEWTON/ Special: [N 974.443 ENSIGN 1890](#)

Papers read at the April, 1890 meeting of the Historical Society of Watertown. A hard-covered note book contains a paper read at the April 1890 meeting of the Historical Society of Watertown. The document contains a printed column probably from a newspaper, pasted unto a lined notebook. Enclosed in the book is a handwritten letter by Charles Ensign dated September 30, '90 (1890) giving this copy of his paper to the Newton Public Library. He states that the paper is a history of that portion of the town situated on the South side of the Charles River adjacent to Newton, which is only partially mentioned by Jackson in his history of Newton. Charles S. Ensign lived in Newton and was a counselor at law with offices in Boston, Massachusetts.

MATERIALS RELATED TO BULLOUGH'S POND. 1848-1893. [1848-1893]. 7 items ; 28 cm.

NEWTON/ Special: [N 917.444 B87B](#)

Bullough's Pond & vicinity : from "Map of Newton" by Woodward & Ward, 1831, revised by James Blake (1848) -- Bullough's Pond & vicinity : from "Atlas of the City of Newton", F. W. Beers (1874) -- Advertisement for Grist Mill at Bullough's Pond (ca. 1875) -- Location of Grist Mill at Bullough's Pond (1879) -- Advertisement for Bullough's Pond ice (ca. 1891) -- Plan of Bullough's Pond and adjoining lands, Newtonville, Mass. (1893) -- Good skating at Bullough's Pond, Newtonville.

Charles River Watershed Association, Newton, Mass. CHARLES RIVER CANOE GUIDE. Newton, 1973.

NEWTON/ Special: [N 917.444 C38C 1973](#) (*Also Microform*)

An easy to read guide to the Charles River including a profile of the river and six section maps arranged in order from the headwaters in Hopkinton to the mouth at Boston Harbor.

Click here to E connect to the [Charles River Canoe Guide](#).