

BIBLIOGRAPHY
OF NORTH AMERICAN
MINOR
NATURAL HISTORY SERIALS
IN THE
UNIVERSITY OF MICHIGAN
LIBRARIES

BY MARGARET HANSELMAN UNDERWOOD

Ann Arbor

University of Michigan Press

1954

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To

my Aunts

ELLA JANE CRANDELL BAILEY - ARABELLA CRANDELL YAGER

and

my daughter

ELIZABETH JANE UNDERWOOD

FOREWORD

In this work Mrs. Underwood has made an important contribution to the reference literature of the natural sciences. While she was on the staff of the University of Michigan Museums library, she had early brought to her attention the need for preserving vanishing data of the distribution of plants and animals before the territories of the forms were modified by the spread of civilization, and she became impressed with the fact that valuable records were contained in short-lived publications of limited circulation. The studies of the systematists and geographers will be facilitated by this bibliography, the result of years of painstaking investigation.

Alexander Grant Ruthven
President Emeritus, University of Michigan

PREFACE

Since Mr. Frank L. Burns published A Bibliography of Scarce and Out of Print North American Amateur and Trade Periodicals Devoted More or Less to Ornithology (1915) very little has been published on this subject. The present bibliography includes only North American minor natural history serials in the libraries of the University of Michigan. University publications were not as a general rule included, and no attempt was made to include all of the publications of State Conservation Departments or National Parks.

I am greatly obliged to the late George Seth Guion of New Orleans, Louisiana, who was very generous in making available his fine library of early and scarce ornithological publications. Since his death, the University of Michigan has fortunately been able to purchase his library. Mr. Guion's catalogue of his library with notes and annotations has been a very valuable source of information and is credited to him in the many instances where it has been used.

Additional information has come from a wide variety of sources. Libraries and bibliographies have, of course, been used to as great an extent as possible, but, because many of these minor journals had so brief and precarious existence with often irregular issues and changes in titles, publishers, and editorial policy, the search for information for adequate collation has not infrequently been long-drawn-out and tortuous. I am grateful to many persons who have provided data or at least have been willing to answer correspondence and provide the name and address of an ex-editor or some member of a local natural history society from whom information could be obtained. A number of collectors of natural history journals have also been very helpful in supplying information about copies and runs in their possession.

Annotations have been made by the following persons: Dr. Pierce Brodkorb, Assistant Professor of Biology, University of Florida; Robert M. Mengel, graduate student in the Museum of Zoology, University of Michigan; Dr. Robert W. Storer, Assistant Curator of Birds in the Museum of Zoology and Instructor in Zoology, University of Michigan; Dr. Laurence C. Stuart, Associate Professor of Zoology and Associate Biologist in the Institute of Human Biology, University of Michigan; Dr. Josselyn Van Tyne, Curator of Birds in the Museum of Zoology and Professor of Zoology, University of Michigan, and Dr. Charles F. Walker, Associate Curator of Reptiles and Amphibians in the Museum of Zoology and Assistant Professor of Zoology, University of Michigan.

I wish to thank Dr. J. Speed Rogers, Director of the University of Michigan Museum of Zoology, and his predecessor, Mr. Frederick M. Gage, for their indispensable assistance and encouragement throughout this undertaking.

I also wish to express my appreciation to Dr. Warner G. Rice, former Director of the University of Michigan Library, for his suggestions, which have improved the manuscript.

Margaret Hanselman Underwood

EXPLANATIONS

In addition to the main entry the information listed includes, wherever possible, frequency of publication, changes in title, editors, publishers and place of publication, the numbers published, whether listed in Burns, Bibliography, and the holdings of the libraries of the University of Michigan. The form of entry generally follows the Union List of Serials and the University of Michigan catalog. In case of several changes in title for the same serial, the last title is used with cross references from the previous titles. Usually, the paging for the volume as a whole is indicated. Wherever this was impossible or not feasible, separate paging for individual numbers is given. Brackets are used whenever the first or last page is not numbered but is included in the paging, i.e., 1, -20. The paging if numbered includes only the first and last pages of a number, i.e., 1-20; if the pages are not numbered, the total number is indicated, i.e., 20 pp. The open entry is used for serials being currently published, i.e., vol. 1- ; date - .

Burns = A Bibliography of Scarce or Out of Print North American Amateur and Trade Periodicals Devoted More or Less to Ornithology, compiled by Frank L. Burns. (Supplement to The Oologist, volume 32, number 7, July 15, 1915.)

Casey A. Wood = An Introduction to the Literature of Vertebrate Zoology Based Chiefly on the Titles in the Blacker Library of Zoology, The Emma Shearer Wood Library of Ornithology, The Bibliotheca Osleriana and Other Libraries of McGill University, Montreal, compiled and edited by Casey A. Wood (London: Oxford University Press, 1931).

Union List = Union List of Serials in Libraries of the United States and Canada, edited by Winifred Gregory (2d ed.; New York: H. W. Wilson Company, 1943).

TITLES ARRANGED ACCORDING TO PLACE OF PUBLICATION BY
STATE

ALABAMA

Leighton News

ARIZONA

Grand Canyon Natural History Association. Natural History Bulletin

CALIFORNIA

Avifauna

Bird News

California Art & Nature

California Traveller and Naturalist

Collectors' Illustrated Magazine

Golden State Scientist

Gull

Live Oak

Lorquinia

Nidologist (published also in New York)

Old Curiosity Shop (published also in New York and Ohio)

Ouzel

Pasadena Academy of Sciences. Publications

Phainopepla

Southwest Science Bulletin

West American Scientist

Western Tanager

Western Wild Life Call

Wren-Tit

Zoe

CANADA

Biological Review of Ontario

Blue Jay

Canadian Natural Science News

Canadian Ornithologist

Canadian Science Monthly

Canadian Sportsman and Naturalist

Eastern Ontario Fish and Game and Protective Association. Bulletin

Federation of Ontario Naturalists. Publications

Ontario Natural Science Bulletin

Quebec (Province) Society for the Protection of Birds. Annual Report

Yorktown Natural History Society. Contributions

CONNECTICUT

Audubon Society of Connecticut. Bulletin and Annual Report
 Bird Letter
 Collectors' Monthly
 Greenwich Bird Protective Society. Annual Report
 Hartford Bird Study Club. Birdland Notes
 Natural History Society of Hartford. Transactions
 Observer
 Oologist's Advertiser
 Ornithologist and Oölogist (published also in New York, Rhode Island,
 and Massachusetts)
 Wilson Bulletin Old Series (published also in Ohio and Massachusetts)

FLORIDA

Bailey Museum and Library of Natural History. Bulletin
 (published also in Virginia)
 Florida Audubon Bulletin
 Florida Naturalist
 Florida West Coast Bird News
 Halifax River Bird Club. Bulletin
 Old Curiosity Shop
 Snowy Egret (published also in Kentucky, Michigan, Mississippi,
 Ohio, and Tennessee)
 Stories from Nature

GEORGIA

Georgia Ornithological Society. Occasional Publication. Oriole
 Southern Oölogist

ILLINOIS

Agassiz Bulletin
 American Ornithologist and Exchange
 Audubon Bulletin
 Birds and Nature in Natural Colors
 Birds and Nature Magazine
 Collector, Pekin, Illinois
 Curio Collector (published also in Iowa)
 Exchange, Mendota, Illinois
 Inland Bird Banding News
 Jack-Pine Warbler (published also in Michigan)
 Naturalist
 Naturalist and Collector
 Nature Notes
 Old Field Lark
 Oölogist (published also in New York)
 Oölogist's Exchange (published also in New York and Wisconsin)

ILLINOIS (cont'd.)

Osprey (published also in New York and Washington, D. C.)
Quaint Old Collector.
Ridgway Ornithological Club. Bulletin
Stormy Petrel
Young Naturalist, 1886, Chicago, Illinois
Young Naturalist, 1884, Galesburg, Illinois
Young Naturalist's Journal

INDIANA

A. S. of C. C. Bulletin
Brookville Society of Natural History
Curlew
Indiana Audubon Quarterly
Inland Bird Banding News

IOWA

Agassiz Record
American Magazine of Natural Science
Bittern
Califor Naturalist Club. Bulletin
Collector
Collector's Weekly
Curio Collector (published also in Illinois)
Dickcissel
Farm Stock and Fireside
Geologist's Gazette (published also in Kansas)
Hawkeye Ornithologist and Oologist
Iowa Bird Life
Iowa Naturalist
Naturalist, Des Moines, Iowa
Naturalist and Fanciers' Review
Ornithologist and Botanist (published also in New York)
Phoebe
Western Ornithologist

KANSAS

A.S. of C.C. Bulletin
A.S. of C.C. Yearbook
Agassiz Companion
Geologist's Gazette (published also in Iowa)
Kansas City Scientist
Kansas Naturalist
Literary Companion
Observer of Nature
Spy Glass
Western Naturalist

KENTUCKY

American Osprey

Cardinal

Chat

Kentucky Nature

Kentucky Warbler

Snowy Egret (published also in Florida, Michigan, Mississippi, Ohio,
and Tennessee)

LOUISIANA

Louisiana Society of Naturalists. Proceedings

MAINE

Amateur Naturalist

Audubon News

Bittern

Eggs and Stamps

Maine Audubon Society. Bulletin

Maine Ornithological Society. Journal

Maine Ornithologist and Oologist

Portland Society of Natural History. Journal

MARYLAND

Collector (published also in Pennsylvania and Ohio)

Maryland Bird Life

Maryland Naturalist

MASSACHUSETTS

Agassiz Journal for Curiosity Collectors

Amateur Collector

American Ornithology for the Home and School

American Zoologist and Home Journal of Science

Bay State Oologist

Bird News

Brush Hill Bird Club. First Report

Bulletin of Massachusetts Natural History

Chickadee

Contributions to North American Ornithology

Essex County Natural History Society. Journal

Essex County Ornithological Club. Bulletin

Evening Grosbeak

Familiar Science and Fanciers' Journal

Greetings from Nature

Lynn Natural History Society. Publications

Massachusetts Audubon Society. Bulletin

MASSACHUSETTS (cont'd.)

Natural Science Journal
Naturalist, Boston, 1830-1832
Naturalists' Quarterly
Naturalists' Review
Nature Study in Schools
New England Museum of Natural History. Boston. Bulletin of New
England Bird Life
New England Naturalist
Newton Natural History Society. Bulletin
Northeastern Bird-Banding Association. Bulletin
Ornithologist and Oölogist (published also in New York, Connecticut,
and Rhode Island)
Our Birds
Records of New England Birds
Science News
Science Observer
Science Record
Taxidermist
Truths of Nature
Wilson Bulletin Old Series (published also in Ohio and Connecticut)
Wren
Young Ornithologist

MICHIGAN

Collectors' Science Monthly
Detroit Audubon Club. Bulletin
Detroit Audubon Society. Newsletter and Bird Survey
Detroit Audubon Society. Junior Division. Bulletin
Exchange, Adrian, Michigan
Jack-Pine Warbler (published also in Illinois)
Michigan Ornithological Club. Bulletin
Naturalist. Hudson, Michigan
Naturalist and Fancier
Naturalist Teacher
Passenger Pigeon (published also in Ohio)
Rambles in Nature
Snowy Egret (published also in Florida, Kentucky, Mississippi, Ohio,
and Tennessee)
Wolverine Naturalist

MINNESOTA

Curio
Flicker
Journal of Minnesota Ornithology

MISSOURI

All Outdoors
Bluebird
Kansas City Scientist
Night Heron
St. Louis Bird Club. Bulletin
Valley Naturalist

MISSISSIPPI

Snowy Egret (published also in Florida, Kentucky, Michigan, Ohio,
and Tennessee)

NEBRASKA

Collector's Star
Hummer
Nebraska Bird Review
Nebraska Ornithologists' Union. Letters of Information
North Platte Bird Club. Publications

NEW HAMPSHIRE

Archaeopteryx
Audubon Society of New Hampshire. Bulletin
Hubbard's Magazine
Meriden Bird Club. Report (printed in Massachusetts)
Museum Bulletin
Nature Study
New Hampshire Bird News

NEW JERSEY

American Magazine of Natural Science
Collector's Blue Book
Collector's Ledger
Collectors' Notebook
Eastern Bird Banding Quarterly
Hawk and Owl Society. Bulletin (also published in New York)
New Jersey Audubon Bulletin (published also in Pennsylvania)
New Jersey Audubon News-Letter
North American Naturalist
Oriole
Owl
Princeton University Bird Club. Bulletin
Science Observer
Trenton Natural History Society. Journal
Urner Field Observer
Urner Ornithological Club. Bulletin

NEW YORK

Agassiz Bulletin
Amateur Naturalist
Audubon Magazine
Bird Club Notes of Long Island
Bird Club of Long Island. Annual Report
Birds of Long Island
Bittern (published also in Maine)
Buffalo Naturalists' Field Club. Bulletin
Collectors Standard
Common Sense and Exchangers' Friend
Eastern Bird Banding Association. Bulletin
E B B A News (published also in Pennsylvania)
Empire State Exchange
Exchanger and Collector
Feathers
Forest and Field
Goshawk
Hawk and Owl Society. Bulletin
Heron
Holden's Bird Magazine
International Naturalist
Kingbird
Linnaean News-Letter
Long Island Bird Notes
Museum, Albion, N. Y.
Natural History Collectors' Monthly
Natural Science News
Naturalist and Fanciers' Review
Naturalist's Bulletin
Naturalists' Companion
Nature's Realm
Nidologist (published also in California)
Old Curiosity Shop (published also in California and Ohio)
Oölogist (published also in Illinois)
Oölogist's Exchange (published also in Illinois and Wisconsin)
Oölogist's Journal
Ornithologist and Oölogist (published also in Connecticut, Rhode
Island, and Massachusetts)
Ornithologist and Botanist (published also in Iowa)
Osprey (published also in Illinois and Washington, D. C.)
Owl, Chatham, N. Y.
Owl, Glen Falls, N. Y.
Prothonotary
Rhinebeck Bird Club. Annual Report and Yearbook
Schenectady Bird Club. Bulletin
Warbler
Ward's Natural Science Bulletin
Young American Ornithologist
Young Scientist

NORTH CAROLINA

Audubon Society of North Carolina. Annual Report
Chat

NORTH DAKOTA

Inland Bird Banding News
Native Life
North Dakota Bird Notes

OHIO

American Collector
Blue Bird
Brookville Society of Natural History
Buckeye State Collector
Cincinnati Junior Society of Natural Sciences. Miscellaneous Publications
Cincinnati Junior Society of Natural Sciences. Occasional Papers
Cincinnati Junior Society of Natural Sciences. Proceedings
Cincinnati Society of Natural History. Ornithology Leaflet
Cleveland Bird Calendar
Collector (published also in Maryland and Pennsylvania)
Collectors' Advocate
Old Curiosity Shop (published also in New York and California)
Passenger Pigeon (published also in Michigan)
Snowy Egret (published also in Michigan, Florida, Kentucky, Mississippi, and Tennessee)
Taxidermist, Medina, Ohio
Toledo Naturalists' Association. Bulletin
Western Reserve Naturalist
Wilson Bulletin Old Series (published also in Connecticut and Massachusetts)

OKLAHOMA

Scissortail

OREGON

Audubon Warbler
Oregon Naturalist, Portland
Oregon Naturalist, Eugene
Petrel
Weekly Oologist and Philatelist

PENNSYLVANIA

Atlantic Slope Naturalist
Audubon Society of Western Pennsylvania. Bulletin

PENNSYLVANIA (cont'd.)

Biological Leaflets (published also in Washington, D. C.)
Cardinal
Collector (published also in Maryland and Ohio)
E B B A News (published also in New York)
Farm Journal Educational Pamphlet
Hawk Mountain Sanctuary Association. Annual Report
Jacobs, J.W. — Gleanings
Mengel Natural History Society. Leaflets
Museum, Nature, Art
Naturalists' Journal
Naturalists' Leisure Hour and Monthly Bulletin
New Jersey Audubon Bulletin (published also in New Jersey)
Ruffed Grouse
Scranton Bird Club. Bulletin
West Chester Bird Club. Bulletin
York County Bird Club. Bulletin

RHODE ISLAND

Apteryx
Newport Natural History Society. Proceedings
Notes on Rhode Island Ornithology
Ornithologist and Oölogist (published also in New York, Connecticut,
and Massachusetts)
Random Notes on Natural History
Roger Williams Park Museum. Monographs
World of Nature

SOUTH CAROLINA

Audubon Society of South Carolina. Annual Report

TENNESSEE

Curio Informant
Migrant
Snowy Egret (published also in Florida, Kentucky, Michigan, Miss-
issippi, and Ohio)
Tennessee Avifauna

TEXAS

Gulf Coast Migrant
Naturalist, Austin, Texas
Outdoor Nature Club of Houston, Texas. Bulletin
Sunny South Oölogist

UTAH

Agassiz Notes
Utah Audubon News

VERMONT

Archives of Science and Transactions of the Orleans County
 Society of Natural Sciences
 Tidings from Nature
 Vermont Bird Club. Bulletin
 Vermont Botanical and Bird Club. Joint Bulletin

VIRGINIA

Bailey Museum and Library of Natural History. Bulletin (published
 also in Florida)
 Raven

WASHINGTON, D. C.

Atlantic Naturalist
 Audubon Society of the District of Columbia. Bird Classes
 Audubon Society of the District of Columbia. Current Items of
 Interest
 Biological Leaflets (published also in Pennsylvania)
 Feather
 Field and Forest
 Osprey (published also in Illinois and New York)

WASHINGTON (STATE)

Curio Exchange
 Murrelet
 Northwest Fauna Series
 Seattle Wren

WEST VIRGINIA

Field Ornithology
 Loon
 Ornilore
 Redstart

WISCONSIN

American Magazine of Natural Science
 Bird Notes
 By the Wayside
 Milwaukee Naturalist
 Oologists' Association. Bulletin
 Oologist's Exchange (published also in Illinois and New York)
 Ornithologist
 Passenger Pigeon
 Western Naturalist, 1887
 Western Oölogist, 1885
 Western Oölogist, 1887
 Wisconsin Naturalist, 1890
 Wisconsin Naturalist, 1897

A.A. BULLETIN, see AGASSIZ BULLETIN

A.S. OF C.C. BULLETIN (American society of curio collectors).
No. 1, March, 1901. Connersville, Indiana, A.J. Reynolds, 1901.
22½ cm.

Quarterly.

Editor: Allen Jesse Reynolds.

In volume 1, number 2 of the Curio Monthly, May 1901, published by Reynolds, the following appears on page 27: "The second issue of the A.S. of C.C. Bulletin (quarterly) will be published in connection with the next issue of this magazine." There was no "next issue" of the Curio Monthly, the second number being the last.

Not listed by Burns.

No more published.

Library has: No. 1, March, 1901: 8 pp.

No original papers. — R. W. Storer

A.S. OF C.C. BULLETIN (American society of curio collectors); a quarterly magazine of pleasure and profit for the man or woman with a hobby. Vols. 1-3, No. 3, Nov. 15, 1905-May 15, 1908. Arkansas City, Kansas, R. F. Greene, 1905-1908.
Illus. 25½ cm.

Quarterly.

Burns states that it was suspended upon the death of the publisher and was succeeded by the Collector's Journal. The following is a list of publications and official organs of the American Society of Curio Collectors: First report published in Philatelic West 1900; A.S. of C.C. Bulletin (Connersville, Ind.) 1901; Curio Monthly (Connersville, Ind.) 1901; A.S. of C.C. Yearbook (Arkansas City, Kansas, and Chicago, Ill.) 1902; reports in Philatelic West 1903-1905; A.S. of C.C. Bulletin (Arkansas City, Kansas) 1905-1908; Collector's Journal (Chicago, Ill.) 1909; A.S. of C.C. Yearbook 1909; Curio Bulletin 1910 (Chicago, Ill. and Osage, Iowa); Curio Collector (Chicago, Ill. and Osage, Iowa) 1911-1914; Collector's Blue Book (Camden, N.Y.) 1913-1915; Stamp Journal combined with Collector's Blue Book (Fla.; N.Y.; Camden, N.J.) 1907-1916.

Editors: Roy Farrell Greene, Forest Gaines, C. Abbott Davis.

Volumes 1-2 contained 4 numbers each, and volume 3 ended with number 3.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Nov. 1905-Aug. 1906: 1₁-48, 1₁-52, 1₁-56, 1₁-40. Covers on Nos. 2-4.

Vol. 2, Nos. 1-4, Nov. 1906-Aug. 1907: 1₁-60, 1₁-32, 1₁-48, 1₁-28. Covers on Nos. 1, 2, 4.

Vol. 3, Nos. 1-3, Nov. 1907-May 1908: 1₁-28, 1₁-25, 1₁-8. Covers.

Volume 1, number 3 contains a record of the Carolina Parakeet in Kansas. Volume 1, number 4 contains articles on Mollusca (L. G. Yates, "Mollusca of Santa Barbara County, California"), insects, and archaeology. Volume 3, number 1 contains observations on the Turkey Vulture. — R. W. Storer.

Among the contributors on ornithology were: W. W. Worthington, Howard A. Bishop, W. E. Snyder, W. L. Griffin, W. I. Mitchell, Will H. Plank, F. May Tuttle, and Leah Berkheimer. — G. S. Guion.

A.S. OF C.C. YEARBOOK (American society of curio collectors).

1902, 1909? Arkansas City, Kansas; Chicago, Illinois, 1902, 1909? 19½, 23½ cm.

Editors: 1902, Roy Farrell Green. 1909, H. L. Lindquist.

Not listed by Burns.

Probably no more were issued.

Library has: 1902: 1₁-92. Covers. 1909: 1-32. Covers.

1902 Yearbook has a short paper on "Civilization and Birds" (in Oklahoma) and a short paper on the travels of the collector Willis W. Worthington. — R. W. Storer.

ACADIAN SCIENTIST, see CANADIAN SCIENCE MONTHLY

AGASSIZ ASSOCIATION BULLETIN, see AGASSIZ BULLETIN

AGASSIZ ASSOCIATION JOURNAL, see AGASSIZ JOURNAL FOR CURIOSITY COLLECTORS

AGASSIZ BULLETIN; published by Chapter 493, Buffalo, F. Vol. 1- ? 1885- ? Buffalo, New York, State Normal School, 1885- ? 23½ cm.

No information has been obtained about this periodical.

Not listed by Burns.

Library has: Vol. 1, No. 5, Apr. 1885: 4 pp.

Nothing of interest or importance in this issue. — R. W. Storer.

AGASSIZ BULLETIN. Vols. 1-2, No. 2, Oct. 1890 - June 1891. Gilman, Illinois, Bulletin printing co., 1890-1891.
22-25 cm.

Monthly.

Volume 1, numbers 1-6 as the A_gassiz, A_sssociation, Bulletin.
Subtitle varies.

Editor: Will A. Crooks.

Burns lists only volume 1, numbers 1-6; volume 2, number 1. Another number was published, volume 2, number 2, labeled number 8, May-June 1891. Burns states that volume 1, pages 19-20 do not exist. This is erroneous, for volume 1, number 3, Dec. 1890, contains pages 17-20.

Union List records this publication as volume 1, numbers 1-8. No more published.

Library has: Vol. 1, Nos. 1-6, Oct. 1890 - Mar. 1891: 1₁ -32.

(No. 2, pages 11, 12, 14 erroneously paged 14, 11, 11).

Vol. 2, No. 1, Apr. 1891: 1₁ -8.

Those who contributed ornithological items of interest were: F. C. Baker, George E. Breninger, W. A. Crooks, and D. A. Henman. — G. S. Guion.

AGASSIZ COMPANION; a monthly magazine devoted to the natural sciences, philately, and the interests of the Agassiz association. Vols. 1-3, No. 12, Aug. 1886 - Dec. 1888. Wyandotte, Kansas City, Kansas, Plank & Ireland, 1886-1888.
Illus. 23 cm.

Monthly.

After July 1888, it filled the unexpired subscriptions of The Agassiz Record, Oskaloosa, Iowa. It discontinued in December 1888, and in February 1889, it consolidated with The Literary Companion, Kansas City, Kansas.

Editor: Will H. Plank. With the final number E. R. Ireland became the junior partner.

Volume 1 contains only numbers 1-4, and volumes 2 and 3 each contains 12 numbers.

Listed by Burns. Casey A. Wood lists 5 volumes, which probably is a misprint, for the volumes are not in McGill library.

No more published.

Library has: Vol. 1, Nos. 1-4, Aug. - Nov. 1886: 1₁ - 40. (No. 4 marked Dec. on the editorial page.)

Vol. 2, Nos. 1-10, 12, Jan. - Dec. 1887: 1₁ - 120, 1₁₃₃ - 144. (No. 11 lacking).

Vol. 3, Nos. 1-12, Jan. - Dec. 1888: 1₁ - 136. Covers on each volume.

Articles by L. G. Bishop, Amos W. Butler, Edw. D. Cope, N. S. Goss, E. R. Heath, Lynds Jones, B. H. Jones, W. L. Morris, L. O. Pindar, M. R. Potter, W. H. Plank, "Scolopax" (Morris Gibbs), and others. — F. L. Burns.

AGASSIZ JOURNAL FOR CURIOSITY COLLECTORS. Vol. 1, Nos. 1-10, June 1885 - Mar. 1886. Lynn, Massachusetts, W. E. Skinner & co., 1885-1886.

21½ cm.

Monthly.

Title varies: volume 1, numbers 1-2 as the Agassiz Association Journal. In volume 1, number 3, August 1885, it is stated that the Agassiz Journal had purchased the entire good will and subscription list of the Young Oölogist, Naturalist's Advertiser, and American Osprey. In volume 1, number 7, December 1885, it is stated that the Agassiz Journal is filling the subscriptions also of the Monthly Echo and Southern Naturalist. Burns lists only 9 numbers for volume 1. Union List records 10 numbers.

No more published.

Library has: Vol. 1, Nos. 1-10, June 1885 - Mar. 1886: Nos. 1-7, paged continuously 1, -94 (page 94 erroneously numbered 92); Nos. 8-10, each number paged separately 1, -12. Covers.

Contains minor contributions by Walter Hoxie, G. S. Stockwell; also some interesting information on contemporary journals of the same class. — J. Van Tyne.

AGASSIZ NOTES. Vol. 1, Nos. 1-9, Nov. 1885 - Oct. 1886. Salt Lake City, Utah, Salt Lake chapter A, reorganized, 1885-1886.

19 cm.

Published monthly except July, August, and September.

Officers elected quarterly. Among the officers were Arthur Webb, Kenner Boreman, John Job, Chas. A. Darling, and Wesley Browning. Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-9, Nov. 1885 - Oct. 1886: 1, -88. Covers.

Contains little of permanent value. Two notes on birds of Santa Barbara and Ventura counties, California, are signed by Phil. M. Hoit of Santa Barbara. Short notes on birds of Salt Lake region are signed by initials only, as B., B.S., and J.D.J. One note, on the Chat, is signed by Lynds Jones of Grinnell, Iowa. — J. Van Tyne.

AGASSIZ RECORD; devoted to all branches of natural science. Vol. 1, Nos. 1-6, Jan. - July 1888. Oskaloosa, Iowa, F. E. Wetherell, 1888. 21 cm.

Monthly.

"Official organ of the Iowa, Assembly, Agassiz, Association."

Editor: Frank E. Wetherell.

Burns states that the unexpired subscriptions were filled by The Agassiz Companion.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan. - July 1888: 1₁ -76. Covers on Nos. 2-6.

Includes an article on bird voices by Lynds Jones. — J. Van Tyne.

ALL OUTDOORS. Vols. 1-6, No. 11, Sept. 5, 1934 - Jan. 24, 1940.

Lebanon, Missouri, Lebanon nature club, 1934-1940.

28, 36 cm.

Semimonthly.

Title varies: Volume 1, numbers 1-4, Weekly News Letter of the Lebanon Nature Club. Volume 1, numbers 5-23, News Letter of the Lebanon Nature Club. Volume 1, numbers 24-26, Bulletin of the Lebanon Nature Club. Volume 1, numbers 27-28, volume 2, numbers 1-10, News Bulletin Lebanon Nature Club. With volume 2, number 11, the title changed to All Outdoors. Preceding this number there was a number with no volume numbering also called All Outdoors. It is in this library.

Editors: Volumes 1-2, number 3, Francis E. Gleason. Volume 2, number 4 - volume 6, George E. Moore.

Volume 1 contained 28 numbers; volume 2, 26 numbers; volume 3, 26 numbers; volume 4, 26 numbers; volume 5, 26 numbers; volume 6, 11 numbers.

Volumes 1-2, number 7, 28 cm. Volume 2, number 8 - volume 6, number 11, 36 cm.

Mimeographed. (From volume 2, number 8 on one side of leaf only).

Not listed by Burns or Casey Wood.

No more published.

Library has: Vol. 1, Nos. 1-28, Sept. 1934 - Aug. 1935: 1₁ - 111.

Vol. 2, Nos. 1-26, Sept. 1935 - Aug. 1936: 1₁ - 67.

Vol. 3, Nos. 1-26, Sept. 1936 - Aug. 1937: 1₁ - 52.

Vol. 4, Nos. 1-26, Sept. 1937 - Aug. 1938: 1₁ - 52.

Vol. 5, Nos. 1-26, Sept. 1938 - Aug. 1939: 1₁ - 52.

Vol. 6, Nos. 1-11, Sept. 1939 - Jan. 1940: 1₁ - 22.

In volume 1, number 1, the editor announced: "We expect to record the activities of our nature club, notes and lessons on birds and other forms of wild life."

Phenological data from the Lebanon, Missouri, area; original material relating to local birds, reptiles, and wildflowers. — C. Walker.

AMATEUR COLLECTOR; official organ of the Cuvier natural history club, chapter 183 of the Agassiz association. Vols. 1-3, No. 9, May 1886 - Jan. 1889. Salem, Massachusetts, 1886 - 1889. 20 cm.

Monthly.

According to Burns, volume 1 contained 12 numbers, May 1, 1886 - April 1, 1887. Volume 2, numbers 1-12, May 1, 1887 - April 1888. Volume 3, numbers 1-9, May 1, 1888 - January 1889. He states that there may have been later numbers.

Listed in Union List, with 1888 as the final date.

No more published?

Library has: Vol. 2, No. 11, Mar. 1888:47-50.

The contributions are unsigned and of small value. — F. L. Burns.

AMATEUR NATURALIST; a journal for those who study nature from a love of it. Vols. 1-6, No. 2, Jan. 1904 - Mar. 1909. Binghamton, New York; Ashland, Maine, C. D. Pendell, 1904-1909. Illus. 25½ cm.

Monthly (actually published irregularly).

Merged into Guide to Nature, Sound Beach, Connecticut, in July, 1909.

Editor: Charles D. Pendell.

Each volume contained 6 numbers with the exception of volume 3, which contained 8 numbers; volume 5, with 5 numbers; and volume 6, which ended with number 2.

Burns dates volume 1 as 1894, which is probably a typographical error.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan. - Nov. 1904: 11 - 120, 1 pl.

Vol. 2, Nos. 1-6, Jan. - Dec. 1905: 11 - 120, 2 pls.

Vol. 3, Nos. 1-8, Jan. - Dec. 1906: 11 - 128.

Vol. 4, Nos. 1-6, Jan. - Aug. 1907: 11 - 96.

Vol. 5, Nos. 1-5, Jan. - May 1908: 11 - 80.

Vol. 6, Nos. 1-2, Jan. - Mar. 1909: 11 - 48.

Covers on each volume.

Ornithological articles by Charles D. Pendell, the editor; J. Merton Swain, Norman O. Foerster, G. D. Story, Lyman J. Pendell, J. L. Sloanaker, Gertrude S. Burlingham, Hattie Washburn, C. Leon Brumbaugh, William B. Davies, Laura Hoag Tyler, George Middleton, Chas. F. Holder, Addison Ellsworth, and G. W. Story. — G. S. Guion.

AMERICAN COLLECTOR; a monthly journal devoted to all branches of collecting. Vol. 1-? Oct. 1888 - ? Oak Hill, Ohio, S. E. Miller, 1888 - ?
23 cm.

Monthly.

Subtitle varies.

Editor: S. Estle Miller.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Oct. 1888: 3-10. Covers.

Nothing original in this issue. — R. W. Storer.

AMERICAN MAGAZINE OF NATURAL SCIENCE; a monthly magazine devoted to the natural sciences. Vols. 1-2, No. 10, June 1892 - May 1894. ₁Old Bridge, New Jersey, H. H. Brown;₁ Sac City, Des Moines, Iowa, F. R. Stearns & co.; Milwaukee, Wisconsin, E. J. Schaefer, 1892-1894.

Illus. 23-24 $\frac{1}{2}$ cm.

Monthly.

Subtitle varies. In volume 1, number 4, September 1892, it is stated that "the publishers of the Empire State Exchange. . . have transferred their subscription list to the A.M. of N.S. . . ."

Filled the unexpired subscriptions of The Collector, Pekin, Illinois, December 1, 1893. In July, 1894, transferred to The Naturalist, Austin, Texas.

Editors: Fred R. Stearns; E. J. Schaefer. With volume 1, numbers 7-8, Fred R. Stearns became editor and publisher. With volume 2, number 2, Letson Balliet of Des Moines became part owner, publishing under the name of Fred R. Stearns and company. With number 8, E. J. Schaefer became editor and publisher and Fred R. Stearns, associate editor.

Burns states that volume 1 contained 12 numbers, June 1892 - May 1893, and that he has not seen number 6. Volume 2 contained 10 numbers, June 1893 - April/May 1894. According to the Union List volume 1, number 6 was never published. Guion says that "despite the fact that the pagination indicates that there was a number between volume 1, numbers 5-6, it is the consensus of opinion that number 6 of volume 1 was not published."

No more published.

Library has: Vol. 1, Nos. 1-5, 7-12, June - Oct. 1892, Dec. 1892 - May 1893: ₁1₁ -40, ₁49₁ -88, 1 pl. Covers. (No. 6, lacking.)

Vol. 2, Nos. 1-10, June 1893 - Apr. 1894: No. 1, paged separately, ₁1₁ -11; Nos. 2-10, paged continuously, ₁1₁ -141, 1 pl. Covers.

Contains minor ornithological contributions by E. Doolittle and C. Barlow. — J. Van Tyne.

G. S. Guion states that "with the March 1894 number, J. Bion Richards, Fall River, Massachusetts, became Special Ornithological Editor."

AMERICAN ORNITHOLOGIST AND EXCHANGE; devoted to the interests of all collectors. Vol. 1, No. 1, March 1891. Paw Paw, Illinois, C. A. Morris, 1891.
30 cm.

Monthly.

Editor: C. A. Morris; associate editor: J. F. Hoffman

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Mar. 1891: 1, -8.

Contains little more than popular articles on birds by the editors.
- J. Van Tyne.

AMERICAN ORNITHOLOGY FOR THE HOME AND SCHOOL.

Vols. 1-6, No. 7, Jan. 1901 - Aug. 1906. Worcester, Massachusetts, C. K. Reed, 1901 - 1906.

Illus. 23½ cm.

Monthly. With volume 6, number 7, it became bimonthly.

Cover title: Bird Magazine. Subtitle varies.

Editor: Chester A. Reed.

Volumes 1-5 contain 12 numbers in each volume.

According to the publisher the magazine was refused second-class postage rates and hence publication was discontinued.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Jan. - Dec. 1901: 1, -246.

Vol. 2, Nos. 1-12, Jan. - Dec. 1902: 1, -386.

Vol. 3, Nos. 1-12, Jan. - Dec. 1903: 1, -410.

Vol. 4, Nos. 1-12, Jan. - Dec. 1904: 1, -342.

Vol. 5, Nos. 1-12, Jan. - Dec. 1905: 1, -314. (No. 10, incorrectly paged 131-154 instead of 231-254).

Vol. 6, Nos. 1-7, Jan. - Aug. 1906: 1-176.

Covers on each volume.

Brief illustrated accounts of North American birds, usually about four species in each issue, make up the bulk of the magazine. Many of the illustrations are made from poor drawings or photographs of mounted birds, but there are also included some very excellent photographs of living birds. There also appear under the title of "Identification Charts" many pages which later appeared in the "Color Key to North American Birds" (1903), by Frank M. Chapman and the editor of this journal. - J. Van Tyne.

AMERICAN OSPREY; a monthly issued on the first of each month, devoted to the study of ornithology and oology. Vol. 1, Nos. 1-12, Jan. - Dec. 1890. Ashland, Kentucky, P. B. Haskell, 1890. 21½ cm.

Monthly.

Editor: Paul B. Haskell.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Jan. - Dec. 1890: 4 pp. each. With No. 7, —extra, 2 pp.

Contains parts of a briefly annotated "Birds of Eastern North Carolina" (J.W.P. Smithwick) and a "Birds of Columbia County, Wisconsin" (Geo. W. Vosburg). — J. Van Tyne.

Also among the contributors were: Willard N. Clute, Thad. Surber, B. S. Bowdish, and L. O. Pindar. — G. S. Guion.

AMERICAN SOCIETY OF CURIO COLLECTORS, see A. S. OF C. C. BULLETIN

AMERICAN ZOOLOGIST AND HOME JOURNAL OF SCIENCE; devoted to nature, science and art. Vol. 1, Nos. 1-2? Jan. - Feb. 1896? Holyoke, Massachusetts, American zoological publishing co., 1896? 25½ cm.

Monthly.

Editor: J. Hobert Egbert.

Burns states that "the editor writes me from South America that he does not know how many numbers were issued before it suspended for lack of funds and general support."

Burns lists only volume 1, numbers 1-2.

No more published?

Library has: Vol. 1, Nos. 1-2, Jan. - Feb. 1896: 1, -57. Covers.

No original material. — R. W. Storer.

ANIMAL WORLD, see SNOWY EGRET

APTERYX; a New England quarterly of natural history. Vol. 1, Nos. 1-3, Jan. - July 1905. Providence, Rhode Island, Roger Williams park museum, 1905. 23½ cm.

Quarterly.

Numbers 5-6 of the Roger Williams Park Museum Monographs were published only in The Apteryx, volume 1, number 1, January 1905. Numbers 7, 8, and 9 of the Roger Williams Park Museum Monographs appeared also in The Apteryx, volume 1, number 2, April 1905. Numbers 10, 11, 12, and 13 of the Roger Williams Park Museum Monographs were published also in The Apteryx, volume 1, number 3, July 1905.

Editor: C. Abbott Davis.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-3, Jan. - July 1905: 1₁ -124, Pls. 1-9. Covers.

Contributions on minerals, fossil invertebrates, Mollusca, Rotifera, water mites (Hydrachnidae), Lepidoptera, Coleoptera, birds, and Indians of New England (particularly Rhode Island). - J. Van Tyne.

ARCHAEOPTERYX. Vols. 1-7, No. 9, Mar. 1932 - June 1938. Manchester, New Hampshire, Saint Anselm's college ornithological society, 1932-1938. 35 cm.

Published irregularly.

Editors: Scholastic year, 1931-1932, Paul Moran. 1932-1933, Philip Kenney. 1933-34, Philip Kenney and John W. Lagsdin. 1934-1935, Maurice Provost and John W. Lagsdin. 1935-1936, James MacGuinness and Maurice Crawford. 1936-1937, Louis Hahn, Maurice Provost, and Frank Kozacka. 1937-1938, Frank Kozacka, Harry Goodwin, and John Gallagher. Sponsored by Father Eugene Goellner. The set in this library may be considered complete with the exception of a possible number 7 of volume 4. There is a question about the existence of this number. Father Goellner 1₁₉₃₈ lists number 7, but it is not in the library at the college, according to a letter received 1₁₉₄₈ from there.

Mimeographed on one side of leaf only.

Ceased publication when Father Goellner became ill, according to a letter received by Mr. Guion.

Library has: Vol. 1, Nos. 1-3, Mar. - May 1932: 1₁ -4, 1₁ -6, 1₁ -7.

Vol. 2, Nos. 1-2, Oct. - Nov. 1932: 1₁ -8, 1₁ -7.

Vol. 3, Nos. 1-8, Oct. 1933 - May 1934: 1₁ -8, 1₁ -8, 1₁ -8, 1₁ -9, 1₁ -12, 1₁ -8, 1₁ -7, 1₁ -10.

Vol. 4, Nos. 1-6, Dec. 1934 - May 1935: 1₁ -15, 1₁ -11, 1₁ -8, 1₁ -11, 1₁ -9, 1₁ -7.

Vol. 5, Nos. 1-9, Oct. 1935 - June 1936: 1₁ -9, 1₁ -9, 1₁ -12, 1₁ -11, 1₁ -11, 1₁ -11, 1₁ -10, 1₁ -14, 1₁ -10. (No. 2, page 9 erroneously numbered 10).

Vol. 6, Nos. 1-9, Oct. 1936 - June 1937: [1] -9, [1] -13, [1] -10,
[1] -9, [1] -10, [1] -8, [1] -9, [1] -12, [1] -11.

Vol. 7, Nos. 1-9, Oct. 1937 - June 1938: [1] -8, [1] -10, [1] -10,
[1] -9, [1] -10, [1] -8, [1] -8, [1] -9, [1] -10.

Covers on Vols. 3-7.

A very amateurish effort of only local interest and little permanent value. — J. Van Tyne.

ARCHIVES OF SCIENCE AND TRANSACTIONS OF THE ORLEANS COUNTY SOCIETY OF NATURAL SCIENCES. Vol. 1, Nos. 1-9, Oct. 1870 - July 1874. Newport, Orleans co., Vermont, J. M. Currier, 1870-1874.
23 cm.

Quarterly (actually appeared irregularly).

Editors: J. M. Currier, Geo. A. Hinman.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-9, Oct. 1870 - July 1874: [1] -256, incl. title page and contents.

Contains "Vermont Birds," by Rev. Daniel Goodhue and "Birds in Their Relation to Agriculture," by Geo. H. Perkins. — G. S. Guion.

ATLANTIC NATURALIST. Vol. 1, No. 1- , Mar. 1946 - .
Washington, D. C., Audubon society of the District of Columbia, 1946 - .
28, 23 cm.

Publication irregular.

Title varies: volumes 1-5, number 4 as Wood Thrush.

Editors: March - December 1946, Irston R. Barnes. January 1947 -, Lorina M. Wendt.

Volume 1 appeared in 5 numbers; volumes 2-3 in 10 numbers each; volume 4 in 6 numbers; volumes 5-7 in 5 numbers each.

Library has: Vol. 1, Nos. 1-5, Mar. - July 1946: [1] -24.

Vol. 2, Nos. 1-10, Sept. 1946 - June 1947: [1] -55.

Vol. 3, Nos. 1-10, Sept. 1947 - July 1948: [1] -76. (No. 5 erroneously numbered Vol. 4, No. 4).

Vol. 4, Nos. 1-6, Aug. 1948 - Aug. 1949: [1] -248.

Vol. 5, Nos. 1-5, Sept. 1949 - Aug. 1950: [1] -248.

Vol. 6, Nos. 1-5, Sept. 1950 - Aug. 1951: [1] -244.

Vol. 7, Nos. 1-5, Sept. 1951 - Aug. 1952: [1] -272.

Covers and indices - Vols. 4-7.

While primarily dealing with the natural history of the District of Columbia and its environs, this journal contains many papers of general interest on a variety of subjects. — R. W. Storer.

ATLANTIC SLOPE NATURALIST. Vol. 1, Nos. 1-6, Mar. 1903 - Apr. 1904. Narberth, Pennsylvania, W. E. Rotzell, 1903-1904. Illus. 23 cm.

Bimonthly except number 5 which is dated November, 1903.

Editor and publisher: W. E. Rotzell.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-6, Mar. 1903 - Apr. 1904: τ_1 , -84. Covers.

Contributions on zoology, especially ornithology, and on ethnology by Morris Gibbs, W. J. Hoxie, Ernest H. Short, R. W. Shufeldt, Manly Hardy, Witmer Stone, Wm. L. Kells, A. B. Klugh, Richard C. McGregor, and the editor. - J. Van Tyne.

AUDUBON BULLETIN. 1916 - . Illinois Audubon society, 1916 - . 23 cm.

With number 20, 1930 - "Affiliated with the Chicago Academy of Sciences."

Title varies: numbers 19-29 as Audubon Annual Bulletin.

Editors: 1916-1927, Jesse Lowe Smith. 1928-1931 (?) Orpheus Moyer Schantz. 1932, Alfred M. Bailey and others. 1933, E. R. Ford. 1934-1936, Alfred M. Bailey and others. 1937-1938, Howard K. Gloyd. 1939-1942, E. R. Ford. 1943-1948, Charles Decker. 1949-1950, John R. Bayless. 1951-, Paul H. Lubik.

Numbers 1-16 not numbered.

Library has: Nos. τ_1 , -42, 46-84, 1916-1952. (Nos. 43-45 lacking).

Nos. 1-28 paged 1-48 with a few exceptions. Nos. 29-84 paged 1-16 with a few exceptions.

Covers beginning with No. 17.

Short papers, primarily of local interest; many good photographs. - R. W. Storer.

AUDUBON MAGAZINE; published in the interests of the Audubon society for the protection of birds. Vols. 1-2, Feb. 1887 - Jan. 1889. New York, Forest and stream publishing company, 1887-1889. Illus. 24 $\frac{1}{2}$ cm.

Monthly.

Editors: According to Burns, George Bird Grinnell had general supervision of the magazine with Charles F. Emory.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Feb. 1887 - Jan. 1888: title page and index τ_1 , - τ_{viii} , τ_1 , -288, 12 pls. Covers.

Vol. 2, Nos. 1-12, Feb. 1888 - Jan. 1889: title page and contents τ_1 , -vi, τ_1 , -263, 12 pls. Covers.

During its brief career this, the official organ of the American Audubon Society, did excellent work in its chosen department and not only furnished useful information for the institution of branch societies in America but published papers of scientific value to ornithologists in general. Its activities are now continued by Bird Lore (q.v.); also by the organs of state and other local Audubon associations. Each number contained a reduced black and white reproduction of an Audubon plate. Geo. B. Grinnell (pres. of the society), J. A. Allen, Robt. Ridgway, Florence A. Merriam, R. W. Shufeldt, and other well-known writers contributed to its columns. It is said that the connection with a paper devoted to the hunting of game was the chief cause of its suspension. — Casey A. Wood.

AUDUBON NEWS; published once in a while by Cumberland county Audubon society, inc. Vols. 1-3, No. 1, Feb. 1930 - Mar. 1932. Portland, Maine, Cumberland county Audubon society, 1930-1932. 28 cm.

Published irregularly.

Editor: Willis Blake Hall.

Mr. Guion received a letter from the editor stating that only 4 numbers were published.

No more published.

Library has: Vol. 1, No. 1, Feb. 28, 1930: 1₁ -4. No. 2, June 1, 1930: 1₁ -4.

Vol. 2, No. 1, Mar. 4, 1931: 1₁ -4.

Vol. 3, No. 1, Mar. 5, 1932: 1₁ -4.

Those who contributed were the editor, Mrs. E. W. Gehring, Arthur H. Norton, Isabel M. Powell. — G. S. Guion.

AUDUBON NEWS-LETTER, see NEW JERSEY AUDUBON NEWS-LETTER

AUDUBON SOCIETY OF CONNECTICUT. ANNUAL REPORT.

Nos. 1-10, 1898-1907? Fairfield, Connecticut, 1898-1907?

21 cm.

According to a letter (1949) from Mr. John P. Holman, president of the Audubon Society of Connecticut, there were 10 annual reports printed.

No more published.

Library has: Second annual report, June 1899.

AUDUBON SOCIETY OF CONNECTICUT. BULLETIN; issued from time to time for the information of members and to stimulate interest in bird protection. Fairfield, Connecticut, 1935- .
21 cm.

Published irregularly.

According to the president of the society, Mr. John P. Holman, the following numbers have been published: 1935, 1936, 1938, 1940, 1941, 1942, 1943, 1946, 1949. No numbers were issued for 1937, 1944, 1945, 1947, 1948.

Library has: May 1935, 4 pp. April 1936, 4 pp. April 1938, 4 pp.

April 1939, 4 pp. April 1940, 4 pp. April 1941, 4 pp. May 1942, 4 pp.

May 1943, 4 pp. April 1946, 4 pp. February 1949, 4 pp.

Articles by Mildred A. Novak, John P. Holman, Aretas A. Saunders, Milton S. Lacey, Richard M. Brett, Frank P. Mathews. — G. S. Guion.

AUDUBON SOCIETY OF NEW HAMPSHIRE. BULLETIN. Vols. 1-18, July 1921 - 1949. Strafford, Hanover, New Hampshire, The Audubon society of New Hampshire, 1921-1949.
23, 25 cm.

Quarterly, with exceptions.

Editors: July 1921 - Spring 1939, George C. Atwell. September 1943 - 1949, Douglas E. Wade. According to Mr. Wade, Robert Lake issued two bulletins and labeled them volume 22, numbers 1-2, apparently counting the years from the date of incorporation of the society (1920). Mr. Wade states that "he did not know about these issues when he took over as editor in September 1943." According to Mrs. Louise Forsyth, secretary of the Audubon Society of New Hampshire (1951), the bulletins numbered volume 22, numbers 1-2 were later called volume 14, numbers 2 and 2A, because there was no number 2 of volume 14. Volume 16, number 2, 1945, was sent out with EBBA News, volume 8, 1945, as well as being a separate publication. The last issue was volume 18, number 3, 1949. The society issues a Newsletter which has replaced the Bulletin.

Beginning with volume 11, number 1 to volume 14, number 1, the cover design is a picture of the Hermit Thrush taken from Eaton's Birds of New York and painted by Louis Agassiz Fuertes.

No more published.

Library has: Vol. 1, Nos. 1-4, July 1921 - June 1922: 1₁ -15, 1₁ -13, 1₁ - 14, 1₁ -14. 1₁Notes on the annual meeting and list of members, 8 pp.₁.

Vol. 2, Nos. 1-4, July 1922 - June 1923: 1₁ -11, 1₁ -11, 1₁ -10, 1₁ -10. 1₁Notes on the annual meeting and list of members, 8 pp.₁.

Vol. 3, Nos. 1-4, July 1923 - June 1924: 1₁ -11, 1₁ -11, 1₁ -11, 1₁ -10.

- Vol. 4, Nos. 1-4, July 1924 - June 1925: 1₁ -10, 1₁ -11, 1₁ -10, 1₁ -10.
- Vol. 5, Nos. 1-4, July 1925 - June 1926: 1₁ -48.
- Vol. 6, Nos. 1-4, Sept. 1926 - June 1927: 1₁ -49.
- Index to Vols. 1-6, 1921-1927: 1-8.
- Vol. 7, Nos. 1-4, July 1927 - June 1928: 1₁ -48.
- Vol. 8, Nos. 1-4, July 1928 - June 1929: 1₁ -48.
- Vol. 9, Nos. 1-4, July 1929 - June 1930: 1₁ -47.
- Vol. 10, Nos. 1-4, July 1930 - June 1931: 1₁ -48. (No. 2, erroneously numbered 3).
- Vol. 11, Nos. 1-4, Jan. - Dec. 1932: 1₁ -34.
- Vol. 12, Special bulletins Nos. 1-4, 1934-1945: paged separately 1₁ -16, 1₁ -18, 1₁ -14. (Nos. 3-4, a double number). (Note on page 3 of No. 3 that the special bulletins of 1934 and 1935 are to be considered as Nos. 1-4 of Vol. 12).
- Vol. 13, Nos. 1-4, 1936-1938: 1₁ -51.
- Vol. 14, Nos. 1, 3, 4. 1939, 1943: 1₁ -15, 1₁ -16, 1₁ -28. (No. 2 never published).
- Vol. 15, Nos. 1-4, Mar. - Dec. 1944: 1₁ -144, 1 pl.
- Vol. 16, Nos. 1-4, Mar. - Dec. 1945: 1₁ -68.
- Vol. 17, 1946: 1₁ -40. (Complete in one number.)
- Vol. 18, Nos. 1-3, 1947, 1949: 1₁ -112, 24 pls.
- Covers on Vols. 5-18.

Neatly printed. Devoted to bird news and bird protection, especially that which pertains to the state of New Hampshire. An excellent publication. — G. S. Guion.

AUDUBON SOCIETY OF NEW HAMPSHIRE. NEWSLETTER, see
NEW HAMPSHIRE BIRD NEWS

AUDUBON SOCIETY OF NORTH CAROLINA. ANNUAL REPORT.

No. 1-, 1903?-. Greensboro, North Carolina, 1903?-.
Illus. 23 cm.

Not listed by Burns, Casey A. Wood, or Guion.

Library has: Nos. 2, 4, 5, 1904, 1906, 1907: 1₁ -30, 1₁ -40, 1₁ -34.
Covers.

AUDUBON SOCIETY OF SOUTH CAROLINA. ANNUAL REPORT.

Nos. 1-5, 1908-1915. Columbia, South Carolina, 1908-1915.
23 cm.

Information from the Charleston Museum, Charleston, South Carolina:
five reports published, number 1, 1908, number 2, 1909, number 3,
1910, number 4, 1911, number 5, 1915.
Probably no more published.

Not listed by Burns.

Library has: No. 1, Jan. 1, 1908: title page 1 p., front. (col.), 13, -20. Covers.

Number 1 has a colored picture of a wood duck, gives a history of the organization, existing conditions, list of members, hunting clubs, and other items of interest to the conservationist. — G. S. Guion.

AUDUBON SOCIETY OF THE DISTRICT OF COLUMBIA; current items of interest. No. 1-38, 1908?-1918. Silver Spring, Md., 1908?-1918.

23 cm.

Editor: Henry Oldys.

According to Casey A. Wood, Current Items of Interest was published from 1908-1918 and then suspended. Mr. Guion notes that Nos. 1-38 were published.

Not listed by Burns.

Library has: Nos. 4-11, 13, 19, 23, 27-31, 33, 34, 37, 1910-1918: 4 pp. each.

A summary of current progress in bird protection throughout the world. — P. Brodkorb.

AUDUBON SOCIETY OF WESTERN PENNSYLVANIA, see AUDUBON SOCIETY OF WESTERN PENNSYLVANIA, BULLETIN. CARDINAL, Sewickley, Pennsylvania. RUFFED GROUSE

AUDUBON SOCIETY OF WESTERN PENNSYLVANIA. BULLETIN.

No. 1, Apr. 1923. Pittsburgh, Pennsylvania, 1923.

Illus. 23½ cm.

A letter from Bayard H. Christy states that only one bulletin was published.

See the Cardinal, Sewickley, Pennsylvania, and the Ruffed Grouse. No more published.

Library has: No. 1, Apr. 1923: col. front, 1, -53.

Articles of interest by George Miksch Sutton, Bayard H. Christy, John M. Phillips, E. W. Arthur, C. W. Parker, T. Walter Weiseman, J. Warren Jacobs, Fred Leroy Homer, Helen Blair, and Jesse L. Jones. — G. S. Guion.

AUDUBON SOCIETY OF WESTERN PENNSYLVANIA. BULLETIN, see also RUFFED GROUSE

AUDUBON WARBLER. Vol. 1, No. 1-, Nov. 1937-. Portland, Oregon, Oregon Audubon society, 1937-.
28 cm.

Published irregularly.

Editors: 1937-1945, Mr. and Mrs. C. L. Marshall. 1946-, Mrs. Whitney Starr.

Mimeographed from typewritten sheet on one side of leaf only. From volume 11, number 3, mimeographed on both sides of page.

Volume 1 contains 6 numbers; volume 2, 6 numbers; volume 3, 6 numbers; volume 4, 5 numbers; volume 5, 6 numbers; volume 6, 5 numbers; volume 7, 5 numbers; volume 8, 6 numbers; volume 9, 4 numbers; volume 10, 10 numbers.

Library has: Vol. 1, Nos. 1-6, Nov. 1937 - May 1938: 3 pp. each.

Vol. 2, Nos. 1-6, Sept. 1938 - May 1939: 2 pp. each.

Vol. 3, Nos. 1-6, Sept. 1939 - May 1940: No. 1, 3 pp. Nos. 2-6, 2 pp. each.

Vol. 4, Nos. 1-5, Oct. 1940 - May 1941: Nos. 1, 2, 4, 2 pp. each; Nos. 3 and 5, 3 pp. each (No. 1, erroneously numbered Vol. 3).

Vol. 5, Nos. 1-6, Sept. 1941 - June 1942: 2 pp. each.

Vol. 6, Nos. 1-5, Oct. 1942 - May 1943: 2 pp. each.

Vol. 7, Nos. 2-5, Dec. 1943 - June 1944: 2 pp. each (No. 1 lacking).

Vol. 8, Nos. 1-6, Sept. 1944 - June 1945: Nos. 1, 2, 4-6, 2 pp. each; No. 3, 3 pp. (No. 1 erroneously numbered 14).

Vol. 9, Nos. 1-4, Oct. - May, 1945: No. 1, 2 pp.; Nos. 2-3, each paged separately, 1₁-2, 1₁-3, 1 p.; No. 4, 3 pp.

Vol. 10, Nos. 1-7, 9-10, Sept. 1946 - June 1947: No. 1, 1 p.; Nos. 2-3 each paged 1₁-2; No. 4, 2 pp.; No. 5, 1 p.; No. 6, 3 pp.; No. 7, 2 pp.; No. 9, 2 pp.; No. 10, 3 pp. (No. 8 lacking.)

Vol. 11, Nos. 1-8, Sept. 1947 - Apr. 1948: Nos. 1, 3-8, 2 pp. each; No. 2, 1 p.

Contains migration dates for birds at Portland, Oregon. — P. Brod-korb.

According to a letter from Mrs. C. L. Marshall, June 23, 1948, the publication now contains more accounts of the unusual birds seen as well as some of the facts gleaned from systematic records of the Portland area.

AUDUBON YEARBOOK, see INDIANA AUDUBON QUARTERLY

AVIFAUNA, an illustrated monthly magazine devoted to oology and ornithology, Vol. 1, Nos. 1-3, Sept. - Oct. 1895, Sept. 1897. Los Angeles, Santa Barbara, California, W. H. Hoffman, 1895, 1897. Illus. 26 cm.

Monthly.

Numbers 1-2 published at Los Angeles and number 3 at Santa Barbara.

Editor: W. H. Hoffman.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-3, Sept. - Oct. 1895, Sept. 1897: 1, -48. Covers. (Colored plate with No. 2 lacking.)

The proceedings of the Cooper Ornithological Club appear in the first two issues. No. 2 contains an unsatisfactory natural-sized, colored plate of the California Condor (egg). Papers and communications signed by Ralph Arnold, C. Barlow, Lee Chambers, D. A. Cohen, G. T. Dippe, F. S. Daggett, H. C. Ford, H. A. Gaylord, J. Grinnell, P. L. Hatch, O. W. Howard, W. B. Judson, A. I. McCormick, W. Raine, W. E. Rotzell, A. M. Shields, T. S. VanDyke, M. L. Wicke, Jr., O. J. Zahn, and others. — Frank L. Burns.

BAILEY MUSEUM AND LIBRARY OF NATURAL HISTORY.

BULLETIN. No. 1- , Aug. 1, 1920 - . Newport News, Virginia; Miami, Florida, H. H. Bailey, 1920 - .
Illus. 23 cm.

Published irregularly.

Editor: Harold H. Bailey.

Library has: No. 1, Aug. 1, 1920: 1 l. No. 2, June 1, 1924: 3 pp. No. 3, No. 16, 1926: 2 leaves. No. 4, Apr. 1, 1930: 4 pp. No. 5, Dec. 1, 1930: 4 pp. No. 6, June 15, 1931: 4 pp. incl. 1 p. illus. No. 7, Aug. 1, 1931: 1 l. No. 8, Dec. 15, 1933: 3 pp. No. 9, Feb. 1935: 4 pp. No. 10, Sept. 1, 1935: 2 leaves. No. 11 (erroneously numbered 10), Dec. 1, 1936: 6 pp. No. 12, Jan. 15, 1937: 4 pp. incl. 2 pls. No. 13 (erroneously numbered 12), Jan. 5, 1939: 2 pp. No. 14, Jan. 15, 1941: 1 l.

A pamphlet of 4 pages, numbered 15, was published March 1945, and an article on the Cooper Ornithological Club, Inc. issued November 15, 1946. In a letter from Mr. Bailey dated 1949, he states that "the last two publications from the Bailey Museum at Coral Gables, Florida, were not put out as Bulletins." The Bulletins were interrupted after 1941 due to the war and labor conditions.

Contains the original descriptions by Harold H. Bailey of: Sciurus niger bryanti (type loc.-Md.), Thryothorus ludovicianus alleghani (anonymous, (Ga.)), Dendroica discolor collinsi (Fla.), Guara alba longirostris (Fla.), Megalornis c. woodi (Mich.), Haliaeetus floridana (Fla.), Vireosylva o. scotti (Va.), Thryospiza maritimus shannoni (Fla.), Streptopelia risoria alba (Fla.), Coturnicops noveboracensis richii (Ohio), Coturnicops noveboracensis (sic), emersoni (Calif.), Melospiza melodia rossignolii (Va.), Erethizon epixanthum doani (Labrador), Sciurus carolinensis minutus (Fla.).

There is evidence that at least numbers 3 and 7 were not actually issued until some months after their printed dates of publication.

— J. Van Tyne.

BAY STATE OOLOGIST; a monthly magazine devoted to students of birds, their nests and eggs. Vol. 1, Nos. 1-6, Jan. 1888 - June 1888. Pittsfield, Massachusetts, W. H. Foote, 1888. 21½ cm.

Monthly.

In volume 1, number 6 the editor announced that volume 1 was complete with this number and an index. He also announced that the next volume would appear under the title American Ornithologist and Oologist. This apparently was never published, as Burns states that after number 6 of volume 1 it was succeeded by the Ornithologist and Oologist Semi-Annual (see Wilson Bulletin). The Union List states that it ceased publication after volume 1.

Editor: W. H. Foote.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan. - June 1888: 1, -52. Covers.

Though mainly boyish accounts of collecting trips, there are interesting contributions from J. Warren Jacobs, Wm. L. Kells, E. F. Koch, LeGrande T. Meyer, A. M. Shields, C. S. Shick, J. A. Singley, Philo W. Smith, Jr., Dr. Strode, and B. T. Taylor. — Frank L. Burns.

Also contributions by T. E. Barlow, L. O. Pindar, J. Claire Wood, and Walter C., Wood. — J. Van Tyne.

BIOLOGICAL LEAFLET. No. 1-, July 25, 1933-. Washington, D. C. Lancaster, Pennsylvania, 1933-. Illus., Plates, 23 cm.

Published irregularly.

Numbers 1-4, 8-55 written by Leon Kelso; numbers 5-7, by Leon and Estelle Kelso.

Privately printed.

Library has: Nos. 1-55, 1933-1951: each number paged separately, varying from 1 to 15 pages.

Devoted entirely to the editors' researches, principally on owls (numbers 1-18). — P. Brodtkorb.

Later numbers (19-55) include articles on botany and electronics. — M. Underwood.

BIOLOGICAL REVIEW OF ONTARIO. Vol. 1, Nos. 1-4, Jan. - Oct. 1894. Toronto, Ontario, The biological society of Ontario, 1894. 21½ cm.

Quarterly.

Officers of the Biological Society of Ontario: President, Wm. Brodie. First vice-president, C. W. Nash. Second vice-president, Thos. G. Priddey. Treasurer, John Edmonds. Secretary, Hubert H. Brown. Not listed by Burns.
No more published.

Library has: Vol. 1, Nos. 1-4, Jan. - Oct. 1894: 1, -112, 1 pl.
Covers.

Contains important contributions on the mammalogy, ornithology, entomology, and botany of Canada. The ornithological papers are by Wm. Brodie, J. H. Fleming, Hubert H. Brown, C. W. Nash, G. E. Atkinson, and others. - J. Van Tyne.

BIRD AND FLOWER CALENDAR, see CLEVELAND BIRD CALENDAR

BIRD CALENDAR OF THE CLEVELAND BIRD CLUB, see CLEVELAND BIRD CALENDAR

BIRD CLUB NOTES OF LONG ISLAND. Vol. 1, No. 1, August, 1936.
1 Long Island, New York, 1936.
22 cm.

Monthly.

Editor not listed.

Mr. Guion had a letter, February 2, 1937, from Mrs. Carl H. Sayre (secretary of the club) stating that only one number was issued due to lack of interest on the part of members of the club.

No more published.

Library has: Vol. 1, No. 1, Aug. 1936: 8 pp.

Contains report of annual meetings, a few bird notes, and a reprint of Long Island Bird Notes from August 5, 1936, being volume 3, numbers 30, 31, and 32. - G. S. Guion.

BIRD CLUB OF LONG ISLAND. ANNUAL REPORT. No. 1- ?
1916-1947. 1 New York, 1916-1947.
19 cm (No. 11)

According to a letter (1948) from Mrs. Richard Derby, secretary of the club, reports were published each year from 1917-1947 with a few exceptions. Information (1948) from J. T. Nichols of the American Museum of Natural History, New York, states that the Bird Club was organized in 1915. A new administration took over in 1937

or 1938. A report was published for the twenty-seventh year 1941-42 and there was probably a break during the war years. Another administration came in in 1946 and issued a small leaflet which might be considered a report dated November 1946, a second one was issued in January 1947. The Club was liquidated in 1947 and its assets turned over to the National Audubon Society. No more published.

Library has: No. 11, July 1926: 131 -26. Covers.

Under the new administration of 1937 or 1938, J. T. Nichols stated in a letter that he was editor of "Birds of Long Island" series, and consulted on minor ornithological publications and also that the report for the 25th year, 1939-40, contained a list of Long Island birds. — M. Underwood.

BIRD LETTER; a weekly magazine devoted to the activities of junior bird clubs. Vol. 1, No. 1, October 20, 1925. Norwalk, Connecticut, 1925.

22 $\frac{1}{2}$ cm.

Weekly.

Editor: Richard Ferris.

According to a note made by Guion, only one number was published. No more published.

Library has: Vol. 1, No. 1, Oct. 1925: 11 -16.

Articles by "Nimrod Junior"; "T.L.G.," "New Canada, Conn.;" R. F. Silvermine, B. J. Carpenter, "A.F.L.," "New York City; and Mrs. "J.A.G.," "Norwalk, Conn. — G. S. Guion.

BIRD LIFE, see **CLEVELAND BIRD CALENDAR**

BIRD MAGAZINE, see **AMERICAN ORNITHOLOGY FOR THE HOME AND SCHOOL**

BIRD NEWS; Vols. 1-14, No. 3, 1Dec. 1929, - Jan. 1943: Boston, Greenwood, Massachusetts, Massachusetts Audubon society, Brookline bird club, 1929-1943.

24 cm.

"Monthly throughout the school year."

Title varies: Volumes 1-4, Bird News for the School. Volumes 1-4 issued by the Massachusetts Audubon Society for the Protection of Birds. Volumes 5-14 issued by the Brookline Bird Club.

Editor: L. Raymond Talbot.

Volume 1 contained 7 numbers; volume 2, 9 numbers; volume 3, 9 numbers; volume 4, 6 numbers; volume 5, 7 numbers; volumes 6-13, 8 numbers each; volume 14, 3 numbers.

Library has: Vol. 1, Nos. 1, -7, 1Dec. 1929, - June 1930.

Vol. 2, Nos. 1-9, Oct. 1930 - June 1931.

Vol. 3, Nos. 1-9, Oct. 1931 - June 1932.

Vol. 4, Nos. 1-6, Oct. 1932 - Mar. 1933.

Vol. 5, Nos. 1-7, Oct. 1933 - June 1934.

Vol. 6, Nos. 1-8, Oct. 1934 - June 1935.

Vol. 7, Nos. 1-8, Oct. 1935 - June 1936.

Vol. 8, Nos. 1-8, Oct. 1936 - June 1937 (No. 5 erroneously marked No. 4.)

Vol. 9, Nos. 1-8, Oct. 1937 - June 1938.

Vol. 10, Nos. 1-8, Oct. 1938 - June 1939.

Vol. 11, Nos. 1-8, Oct. 1939 - June 1940.

Vol. 12, Nos. 1-8, Oct. 1940 - June 1941.

Vol. 13, Nos. 1-8, Oct. 1941 - June 1942.

Vol. 14, Nos. 1-3, Oct. 1942 - Jan. 1943.

Each number, 4 pp.

Seasonal notes by L. Raymond Talbot, sent monthly to high and junior high schools throughout the state. L. Raymond Talbot wrote me: "Volume 4 stopped with number 6, since the Society was obliged to discontinue the paper for lack of funds. 1Continued as Bird News., That was how the Brookline Bird Club came to take over."

— G. S. Guion.

BIRD NEWS; devoted to the interests of the bird fancier. Vol. 1, Nos. 1-6, Jan. - Dec. 1909. San Francisco 1California, Avicultural society of California, 1909.

23 cm.

Bimonthly.

Editor: Frederick W. D'Evelyn.

Burns lists the date as 1901. Union List lists 1909 as the date, which agrees with the numbers this library has. The publisher according to Burns is the Agricultural Society of California which probably should read the Avicultural Society of California.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan. - Dec. 1909: Nos. 1-2, each paged separately 1, -8; Nos. 3-6, each paged separately 1, -12. Covers.

Articles of interest to the aviculturist by Frederick W. D'Evelyn, H. L. Sefton, E. W. Gifford, W. N. Dirks, Mrs. Emerson-Crowell, S. R. Jacobs, and Wesley T. Page. Many unsigned articles. — G. S. Guion.

BIRD NEWS FOR THE SCHOOL, see BIRD NEWS

BIRD NOTES. Vols. 1-2, 1936-1937. Superior, Wisconsin, Superior Audubon society, 1936-1937.
28 cm.

Editors: Editorial committee, Mrs. John Connell, Mrs. Clough Gates, and T. J. McCarthy.

Mimeographed from typewritten sheet on one side of leaf only.

Guion lists a complete set as volume 1, number 1, volume 2, number 1. No more published?

Library has: Vol. 1, No. 1, 1936: 14 pp. Covers.

Vol. 2, No. 1, 1937: 16 pp., 1 pl. Covers.

Bird Notes is a record of the Superior Audubon Society organized on April 9, 1934. Notes and activities of the society, bird lists and articles by Frank Sexon, Edna L. Bishoff, J. R. Jacobson, Mrs. Clough Gates, Elsa Schrieber, T. J. McCarthy, Mabel F. Gates, George E. Yale, R. C. Wilkins, Anne C. Loop. — G. S. Guion.

BIRD WORLD, see SNOWY EGRET

BIRDS; a monthly serial illustrated by color photography, designed to promote knowledge of bird-life, see BIRDS AND NATURE MAGAZINE

BIRDS AND ALL NATURE; a monthly serial illustrated by color photography, see BIRDS AND NATURE MAGAZINE

BIRDS AND ALL NATURE IN NATURAL COLORS. . . , see BIRDS AND NATURE MAGAZINE

BIRDS AND NATURE IN NATURAL COLORS. . . , see BIRDS AND NATURE MAGAZINE

BIRDS AND NATURE IN NATURAL COLORS. Vols. 1-6, No. 6, 1914-1919. Chicago, Illinois, A. W. Mumford, 1914-1919.
24 cm.

Bimonthly.

Subtitle varies.

Editor: A. W. Mumford.

Not listed by Burns.

- Library has: Vol. 1, Nos. 1-6, Jan. - Dec. 1914: 1₁ -192, incl. title page and index; 48 col. pls.
 Vol. 2, Nos. 1-6, Jan. - Dec. 1915: 1₁₉₃ -384, incl. title page and index; 48 col. pls.
 Vol. 3, Nos. 1-6, Jan. - Dec. 1916: 1₃₈₅ -576, incl. title page and index; 48 col. pls.
 Vol. 4, Nos. 1-5, Jan. - Oct. 1917: 1₅₇₇ -736, incl. title page; 40 col. pls. (No. 6 lacking.)
 Vol. 5, Nos. 2, 3, 5, 6, Mar. - Dec. 1918: 801-864, 897-960 incl. index; 32 col. pls. (Nos. 1 and 4 lacking.)
 Vol. 6, No. 2, Mar. - Apr. 1919: 17-32, 7 col. pls. (Nos. 1, 3-6 lacking.)
 Covers on each volume.

Information about this edition is given by the publisher in the preface: "The text plates of the original edition, were destroyed and the work has been out of print for several years. So this is not a revised edition but a new edition by writers of authority on birds, their foods, habits, their economic value . . . While 648 plates were used in the first edition of 16 volumes, the publisher believes that five were published, volumes with the best 240 plates . . . will meet with more favor . . . the volumes of 192 pages of text and 48 pages of color plates to each volume make books that are easy to handle . . ." — A. W. Mumford, publisher.

The following authors' names appear: Charles Bendire, W. Leon Dawson, Henry W. Henshaw, G. A. Abbott, Wm. T. Hornaday, C. Hart Merriam, Lynds Jones, T. Gilbert Pearson, Wm. Dutcher, J. Grinnell, W. W. Cooke, R. W. Shufeldt, E. H. Forbush, W. L. McAtee, Thos. Nuttall, F. M. Chapman, N. Dearborn, F. E. L. Beal, S. D. Judd, and Henry Oldys. — J. Van Tynne

BIRDS AND NATURE MAGAZINE. Vols. 1-21; Jan. 1897 - June 1907. Chicago, Illinois, Nature study publishing co. etc., 1896-1907. 25½ cm.

Monthly 1897-1898; monthly except July-August 1899-1907.
 Title varies; January 1897-June 1898, Birds; a monthly serial illustrated by color photography, designed to promote knowledge of bird-life. July 1898 - December 1898, Birds and All Nature; a monthly serial illustrated by color photography. January 1899 - May 1900, Birds and All Nature in Natural Colors . . . June 1900, Nature and Art. September 1900 - April 1907, Birds and Nature in Natural Colors . . . May 1907 - June 1907, Birds and Nature Magazine. Union List states that Birds and Nature Magazine merged into Suburban Life; and also that Birds and Nature in Natural Colors, Chicago, 1914 - 1919, was called a new edition of Birds and Nature Magazine, 1897-1907. Editors: July 1898 - May 1900, C. C. Marble. September 1900 - June 1906, W. K. Higley.

2 volumes appeared each year. Volume numbering is irregular; volumes 17-21 also called new series volumes 1-5.

Listed by Burns.

No more published.

- Library has: Vol. 1, Nos. 1-6, Jan.-June 1897: title page, 1 p.,
1₂-222, incl. 60 col. pls.; index, 2 pp.
- Vol. 2, Nos. 1-6, July-Dec. 1897: 1₁-240, incl. 60 col. pls. (index and
title page lacking).
- Vol. 3, Nos. 1-6, Jan.-June 1898: title page, 2 pp., 1₃-238, incl. 48
col. pls; index, 2 pp. (Some plates lacking.)
- Vol. 4, Nos. 1-6, July-Dec. 1898: title page, 2 pp. 1₃-238 incl. 48
col. pls., index i-ii. (Some plates lacking.)
- Vol. 5, Nos. 1-5, Jan.-May 1899: title page, 2 pp., 1-236 incl. 40
col. pls., index 2 pp.
- Vol. 6, Nos. 1-5, June-Dec. 1899: title page, 2 pp., 1-238, incl. 40
col. pls., index 2 pp. (Some plates lacking.)
- Vol. 7, Nos. 1-5, Jan.-May 1900: title page and index, 4 pp., 1-240
incl. 40 col. pls. (Some plates lacking.)
- Vol. 8, Nos. 1-5, June-Dec. 1900: title page and index, 4 pp., 1₃-236
incl. 40 col. pls. (Some plates lacking.)
- Vol. 9, Nos. 1-5, Jan.-May 1901: title page and index, 4 pp., 1-236 incl.
40 col. pls. (Some plates lacking.)
- Vol. 10, Nos. 1-5, June-Dec. 1901: title page and index, 4 pp., 1-236
incl. 40 col. pls. (Some plates lacking.)
- Vol. 11, Nos. 1-5, Jan.-May 1902: title page and index, 4 pp., 1-236
incl. 40 col. pls.
- Vol. 12, Nos. 1-5, June-Dec. 1902: title page, 2 pp., 1-238 incl. index
and 40 col. pls.
- Vol. 13, Nos. 1-5, Jan.-May 1903: title page, 2 pp., 1-236 incl. 40 col.
pls., index 2 pp.
- Vol. 14, Nos. 1-5, June-Dec. 1903: title page, 2 pp., 1-238 incl. index
and 40 col. pls.
- Vol. 15, Nos. 1-5, Jan.-May 1904: title page, 2 pp., 1-236 incl. 40 col.
pls., index 2 pp.
- Vol. 16, Nos. 1-5, June-Dec. 1904: title page, 2 pp., 1-238 incl. index
and 40 col. pls.
- Vol. 17, Nos. 1-5, Jan.-May 1905: title page, 2 pp., 1-238 incl. index
and 40 col. pls.
- Vol. 18, Nos. 1-5, Aug.-Dec. 1905: title page, 2 pp., 1-238 incl. index
and 40 col. pls.
- Vol. 19, Nos. 1-5, Jan.-May 1906: 1-238 incl. index and 40 col. pls.
Title page, 2 pp. in No. 5.
- Vol. 20, Nos. 1-5, Aug.-Dec. 1906: 1-203 incl. 40 col. pls. (list of 40
col. pls., 1 p.). Title page, 2 pp. in No. 5.
- Vol. 21, Nos. 1-5, Jan.-June 1907: 1-36, 37-72, 145-192, 1-48, 49-96.
40 col. pls.

Covers on each volume.

Popular and juvenile biographies, mostly unsigned, C.C. and E.K. Marble contributing. The figures of mounted birds from the collections of the Chicago Academy of Science and F.M. Woodruff, are by the three color process. The publishers announced that they had reprinted 10 editions of 5,000 each of some of the numbers. — Frank L. Burns.

Later volumes, not examined by Burns, contain articles by Lynds Jones, Olive Thorne Miller, Ben T. Gault, G.A. Abbott, C. William Beebe, B.S. Bowdish, R. Heber Howe, Jr., Leander S. Keyser, and others. — J. Van Tyne.

BIRDS OF LONG ISLAND. No. 1-, May 1939-. Garden City, Bird club of Long Island, 1939-.
25 cm.

Published irregularly.

Editor: J. T. Nichols.

Library has: Nos. 1-5, 1939-1941, 1948: 1-136, 7 pls.

The articles have permanent scientific value, and the journal is well printed on good paper. — P. Brodtkorb.

BITTERN; a bimonthly publication devoted to the interests of the student. Vol. 1, Nos. 1-4, June 1900-Jan. 1901. Cedar Rapids, Iowa, G. M. Hathorn, 1900-1901.
Illus. 14½, 25 cm.

Bimonthly.

Subtitle varies.

In the last number, an announcement was made that the Bittern had taken the place of the Western Ornithologist.

Editors: June-October 1900, Glen M. Hathorn. Jan. 1901, Glen M. Hathorn, and Carl Fritz Henning.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, 1900-1901: Nos. 1-3, paged continuously 1, 1, -57; No. 4, (labeled Vol. 1, No. 1) paged separately 1, 1, -16. Covers.

Contains short popular articles by P. B. Peabody, Morris Gibbs, and the editor. Also articles by William Allingham, Wm. Rolfe, Albert F. Ganier, Godwin Osgood, Carl Fritz Henning, and Howard E. Bishop. — J. Van Tyne.

BITTERN; a monthly magazine devoted to the study of ornithology, oology and natural history. Vol. 1, Nos. 1-10; Oct. 1890-Dec. 1891. Damariscotta, Maine, H. Berry; Canisteo, New York, C.H. Hillman, 1890-1891.
20½ - 29 cm.

Monthly. A few numbers published irregularly.

It is stated in number 10, December 1891, that the Bittern will consolidate with the Empire State Naturalist, using as a subtitle the Empire State Naturalist; a monthly magazine devoted to natural history. In the International Naturalist, Canisteo, New York, January 1892, it is stated that the Bittern and the Maine Ornithologist and Oologist will be consolidated and known in the future as the International Naturalist.

Editors: October 1890-May 1891, Henry E. Berry. June 1891-December 1891, C. W. Hillman.

Numbers 1-6 were published by Henry Berry at Damariscotta, Maine. The remaining numbers were published by C. W. Hillman at Canisteo, New York.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-10, 1890-1891: Nos. 1-9, 4 pp. each; No. 10, 6 pp. (No. 4 erroneously dated 1890, and No. 7 erroneously numbered Vol. 2, No. 8). Cover on No. 9 only.

Some of the contributions in this journal contain data of permanent value. Among the writers are J. Van Denburgh, R.B. Westnedge, Robert T. Young, and the editor (H. E. Berry). — J. Van Tyne.

BLUEBIRD; Audubon society of Missouri. Vol. 1, No. 1-, June 1934- . Lebanon, Columbia, Sullivan, Cape Girardeau, Missouri, 1934- .
28 cm.

Monthly.

Title varies: Volume 1-3 as News Letter of the Audubon Society of Missouri. With volume 4, number 1, the title changed to the Bluebird. Volumes 1-12 mimeographed. From volume 13, printed.

Editors: Various people until February 1935. February 1935-February 1936, S. L. O'Byrne. March 1936-, George E. Moore.

Volumes 1-2 contained 7 numbers each; 12 numbers per volume were issued from volume 3 on. Number 9 of volume 13 was never published.

Library has: Vol. 1, Nos. 1-7, June-Dec. 1934: 1₁-46.

Vol. 2, Nos. 1-7, Jan.-Dec. 1935: 1-40

Vol. 3, Nos. 1-12, Jan.-Dec. 1936: 1-98. (Nos. 7-8-9 erroneously numbered 6-7-8.)

Vol. 4, Nos. 1-12, Jan.-Dec. 1937: 1₁-140.

Vol. 5, Nos. 1-12, Jan.-Dec. 1938: 1-121.

Vol. 6, Nos. 1-12, Jan.-Dec. 1939: 1₁-102.

- Vol. 7, Nos. 1-12, Jan.-Dec. 1940: 1₁-84.
 Vol. 8, Nos. 1-12, Jan.-Dec. 1941: 1₁-88.
 Vol. 9, Nos. 1-12, Jan.-Dec. 1942: 1₁-86.
 Vol. 10, Nos. 1-12, Jan.-Dec. 1943: 1₁-76. (Pages 1-10 of No. 1, numbered 87-94.)
 Vol. 11, Nos. 1-12, Jan.-Dec. 1944: 1₁-74.
 Vol. 12, Nos. 1-12, Jan.-Dec. 1945: 1₁-68.
 Vol. 13, Nos. 1-8, 10-12, Jan.-Dec. 1946: 4 pp. each. (No. 8 erroneously numbered 7, and dated July 1946. No. 9 never published.)
 Vol. 14, Nos. 1-12, Jan.-Dec. 1947: 4 pp. each.
 Vol. 15, Nos. 1-12, Jan.-Dec. 1948: 4 pp. each.
 Vol. 16, Nos. 1-12, Jan.-Dec. 1949: 4 pp. each. (No. 8, erroneously numbered 7.)
 Vol. 17, Nos. 1-5, Jan.-Apr. 1950: 4 pp. each. (Nos. 3-4, volume erroneously numbered 16.)

In volume 1, number 1, it was announced that the News Letter would contain "brief accounts of current developments in Missouri ornithology; general notes contributed by our members; references to publications of interest to bird-students in Missouri; other items of general interest, etc."

BLUE BIRD; junior Audubon monthly. Vols. 1-12, No. 8, Dec. 1909-July 1920. Cincinnati, Ohio, E. Swope; Cleveland, Ohio, Nature publishing co., E. Miller, 1909-1920.
 Illus., 19, 23, 30 cm.

Published irregularly.

Title varies: volumes 1-6, number 1 as Nature and Culture.

Subtitle varies.

Editors: December 1909-September 1915, Eugene Swope. December 1915-July 1920, Elisabeth C. T. Miller; assistant editor, Georgia M. Bowen. Eugene Swope, Cincinnati, Ohio, was publisher until June 1912, when Nature Publishing Company took over. Elisabeth C. T. Miller, Cleveland, Ohio, became the publisher in December 1915.

Volumes 1-5; 19 cm., volumes 6-10, 23 cm., volumes 11-12, 30 cm. The number of issues per volume varied. Volume 1 contained 12 numbers, volumes 2-4, 6 numbers each, volumes 5-7, 12 numbers each, volumes 8-10, 10 numbers each, volume 11, 12 numbers, volume 12, 8 numbers.

Most of the advertising is included in the paging.

Not listed by Burns.

No more published.

Library has: (Vol. 1 lacking.)

- Vol. 2, Nos. 1-6, Dec. 1910-May 1911: 1₇-58, 1₃-44, 1₅-44, 1₇-62, 1₇-58, 1₇-42.
 Vol. 3, Nos. 1-6, June-Nov. 1911: 1₅-56, 1₃-32, 1₃-32, 1₁-32, 1₃-30.

- Vol. 4, Nos. 1-6, Dec. 1911-May 1912: {3₁-46₁, 1₁-31, 3₁-30, 1₁-26, 3₁-44₁, 3₁-43₁.
- Vol. 5, Nos. 1-12, June 1912-May 1913: {1₁-42, 1₁-32₁, 1₁-28, 1₁-44, 1₁-45, 5₁-43, 3₁-48₁, 3₁-63, 3₁-46, 1₁-44.
- Vol. 6, Nos. 2-9, 12, Nov. 1912-June 1914, Sept. 1914: 9-226₁, 285₁-312₁, 1 pl. (Nos. 1, 10, 11 lacking).
- Vol. 7, Nos. 1-12, Oct. 1914-Sept. 1915: {1₁-316₁, 13 pls. (1 lacking).
- Vol. 8, Nos. 1-10, Dec. 1915-Nov. 1916: {3₁-30, 3₁-29, 3₁-27, 3₁-28, 3₁-27, 3₁-27, 3₁-28, 3₁-28, 3₁-28, 5 pls.
- Vol. 9, Nos. 1-10, Dec. 1916-Nov. 1917: {3₁-264.
- Vol. 10, Nos. 1-10, Dec. 1917-Nov. 1918: {3₁-122.
- Vol. 11, Nos. 1-7, 9, 11, Dec. 1918-June 1919, Aug. 1919, Oct. 1919: {1₁-64, 77₁-88, 105₁-120. (Nos. 8, 10, 12 lacking).
- Vol. 12, Nos. 1-7, Dec. 1919-June 1920: {1₁-100. (number 8 lacking).
- Covers on volumes 2-12.

The copies of this periodical seen contain a curious mixture of the more ephemeral sentimental effusions with valuable original contributions by Charles Dury, Cordelia J. Stanwood, Oscar Baynard, and R. W. Shufeldt. — J. Van Tyne.

BLUE JAY; Saskatchewan's nature magazine. Vol. 1, No. 1-, Oct. 1942-. Yorkton, Regina, Saskatchewan, Saskatchewan natural history society, 1942-.
28, 21½ cm.

Quarterly.

Subtitle varies: Official Bulletin of the Yorkton Natural History Society, volumes 1-6. Volume 7-8 the subtitle was Bulletin of the Saskatchewan Natural History Society; in co-operation with the Saskatchewan Provincial Museum. With volume 9, the subtitle changed to Saskatchewan's Nature Magazine.

Editors: October 1942-June 1946, Mrs. Isabel M. Priestly. July 1946-September 1948, C. C. Shaw. January 1949- Lloyd T. Carmichael.

Volumes 1-8, mimeographed on one side of leaf only from typewritten sheet. With volume 9, the size was reduced from 28 cm. to 21½ cm. and the publication appeared by offset.

Volumes 1-6, were published in Yorkton. Beginning with volume 7, it was published in Regina.

Library has: Vol. 1, Nos. 1-4, Oct. 1942-Sept. 1943: {1₁-34.

Vol. 2, Nos. 1-4, Oct. 1943-Sept. 1944: 1-34.

Vol. 3, Nos. 1-4, Oct. 1944-Sept. 1945: 1-40, 1 pl.

Vol. 4; Nos. 1-4, Oct. 1945-Sept. 1946: {1₁-45, 1 pl. (port.) With number 3 is an article of 3 pages and 1 plate on the Whooping Crane.

Vol. 5, Nos. 1-4, Oct. 1946-Sept. 1947: 1-37. (Nos. 3-4 a double number).

Vol. 6, Nos. 1-4, Oct. 1947-Sept. 1948: numbers 1-2, paged continuously 1-33, Nos. 3-4, {1₁-12. (Nos. 3-4, a double number).

Vol. 7, Nos. 1-4, Jan.-Dec. 1949: 1₁-28, 1 pl., 1₁-30, 1₁-25, 1₁-30.
 Vol. 8, Nos. 1-4, Jan.-Dec. 1950: 1₁-28, 1₁-26, 1₁-28, 1₁-28.
 Vol. 9, Nos. 1-4, Jan.-Dec. 1951: Nos. 1-3, each paged 1-24, No. 4, 1-28.
 Covers on each volume.

Short papers and notes on the natural history (especially birds) of Saskatchewan. -- R. W. Storer.

BROOKLINE BIRD CLUB, see BIRD NEWS

BROOKVILLE SOCIETY OF NATURAL HISTORY, BROOKVILLE, INDIANA. BULLETIN; contributions to the natural history of Franklin County, Indiana. Nos. 1-3, 1885-1888. Richmond, Indiana; College Corner, Ohio, Published by the society, 1885-1888.
 23 cm.

Published irregularly.

According to the Union List after 3 numbers this magazine merged with the Indiana Academy of Science.

Numbers 1-2 were published in Richmond, Indiana, and number 3 in College Corner, Ohio.

Editors: Number 1, O. M. Meyncke and C. F. Goodwin. Number 2, A. W. Butler and A. N. Crecraft. Number 3, C. W. McClure and E. R. Quick.

Not listed by Burns.

No more published.

Library has: No. 1, 1885: 1₁-45. No. 2, 1886: 1₁-52. No. 3, 1888: 1₁-29. Covers.

Contains a number of valuable papers by Amos Butler, Barton W. Evermann, O. M. Meyncke, and others on the fauna and flora of Franklin County, Indiana. -- J. Van Tyne.

BRUSH HILL BIRD CLUB. FIRST REPORT. 1914. . . Milton, Massachusetts [The Rumford press], 1914.

24 cm.

Editor: Dr. Harris Kennedy.

Officers of the club: President, Dr. Joel E. Goldthwait. Vice-president, Mrs. Felix Rackemann. Secretary, Mrs. Livingston Davis. Treasurer, Robert Saltonstall. General manager, Dr. Harris Kennedy.
 No more published.

Library has: First report, 1914: front. (double map), 1₁-123 incl.

Pls. I-VI, title page and index. Covers.

Contains a variety of contributions dealing with the protection and increase of birds about sanctuaries, etc. -- J. Van Tyne.

BUCKEYE STATE COLLECTOR; a monthly journal for collectors.
Vols. 1-2, No. 2, Aug. 1, 1887-May 20, 1891. Portsmouth, Ohio,
1887-1891.

24 cm. (volume 1, number 4).

Monthly.

Editor: E. J. Smith.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 4, Nov. 1887: ₁1-8. No. 6, Jan. 1888: ₁1-8.

Philately. — C. Walker.

BUFFALO NATURALISTS' FIELD CLUB. BULLETIN. Vol. 1, Nos.
1-7, Jan. 1883-1889. Buffalo, New York, W. H. Hicks, 1883-1889.
24 cm.

Bimonthly.

Editors: D. S. Kellicott, Eugene E. Fish, Mary B. Moody.

Number 7 was published five years after number 6.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan.-Dec. 1883: ₁1-144, incl. index.
Covers.

Short articles on all branches of natural science, history of the
club, etc., ornithological notes and articles by E. E. Fish. — G. S.
Guion.

Number 7 (a copy of which is in the library of the American
Museum of Natural History) contains an article called "A List of
Birds of Buffalo and Vicinity," by W. H. Bergtold, pages 1-21, pub-
lished in 1889.

BUFFALO SOCIETY OF NATURAL SCIENCES ORNITHOLOGICAL
SECTION, see PROTHONOTARY

BULLETIN OF MASSACHUSETTS NATURAL HISTORY. Vol. 1,
Nos. 1-4, Apr.-July, 1884. ₁Amherst, Massachusetts, W.A. Stearns,
1884.

23 $\frac{1}{2}$ cm.

Monthly.

Editor: Winfrid A. Stearns.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Apr. 1884: ₁1-16.

Both the contents and the format of this little journal are of rather
high quality. It was largely written by the editor. — J. Van Tyne.

BULLETIN OF NEW ENGLAND BIRD-LIFE, see NEW ENGLAND MUSEUM OF NATURAL HISTORY. BOSTON. BULLETIN OF NEW ENGLAND BIRD LIFE

BULLETIN OF THE IOWA ORNITHOLOGISTS' UNION, see IOWA BIRD LIFE

BULLETIN OF THE LEBANON NATURE CLUB, see ALL OUTDOORS

BULLETIN OF THE NATURAL HISTORY SOCIETY OF MARYLAND, see MARYLAND NATURALIST

BULLETIN OF THE OOLOGISTS' ASSOCIATION, see OOLOGISTS' ASSOCIATION. BULLETIN

BY THE WAYSIDE; official organ of the Wisconsin, Illinois, and Michigan Audubon societies. Vols. 1-15, No. 5, Apr. 1898-Jan. 1914. Milwaukee, Madison, Appleton, Wisconsin, Wisconsin Audubon society, 1898-1914. Illus. 22½, 25 cm.

Monthly. Some numbers published irregularly.

In June 1901, it is first listed as "Official Organ of the Wisconsin and Illinois Audubon Societies." In December 1910, it is listed as "Official Organ of the Wisconsin, Illinois and Michigan Audubon Societies."

Editors: April 1898-March 1901, Helen M. Boynton. May 1901-April 1904, W.S. Marshall. May 1904-April 1906, Ruth Marshall. May 1906-October 1907, Edna Edwards. November 1907-June 1909, T.R. Moyle. September 1909-November 1910, F.S. Brandenburg. December 1910-January 1914, Roland E. Kremers.

Not listed by Burns.

No more published.

Library has: Vol. 5, No. 1, May 1902: 1₁-12.

Vol. 7, Nos. 2, 4, June, Oct. 1904: 1₉-16, 1₂₅-32.

Vol. 13, Nos. 5, 8, 10, Jan., Apr.-June 1912: 1₃₃-40, 1₄₉-68. (No. 9 probably was intended to be published as a double number with 8, which covers April and May with continuous paging from Nos. 8-10.)

Vol. 14, Nos. 3-9, Nov. 1912-May 1913: 1₁₇-72. (No. 5, erroneously dated 1912.)

Vol. 15, Nos. 1-2, 4-6, 11, Sept.-Oct., Dec. 1913, Jan., Feb., Sept. 1914: 1₁-16, 1₂₅-56.

In spite of its irregularities this popular magazine had a most useful life and from an examination of the volumes accessible to the

compiler seems to have enjoyed the support of many painstaking ornithologists, among them Roland R. Kremers and F. S. Brandenburg of Madison, Thos. E. Moyle of Appleton, Wis. — Casey A. Wood.

CALIFORN NATURALIST CLUB. BULLETIN. Vol. 1, No. 1, May 1916. Charles City, Iowa, Intelligencer printing co., 1916. 22 cm.

No more published.

Library has: Vol. 1, No. 1, May 1916: 4 pp., 1 pl.

Notes by Clement L. Webster, Carrol Lane Fenton, and Mrs. Mary A. Dutton. — M. Underwood.

CALIFORNIA ART & NATURE. Vol. 1, Nos. 1-12, Dec. 1901-Nov. 1902. San Diego, California, Art & nature company, 1901-1902. Illus. 23 cm.

Monthly.

Burns states that "it does not appear who was editor, but the text is almost wholly the work of C. R. Orcutt, and numbers 9-12, August to November contents and paging are identical with the West American Scientist volume 13, numbers 116-119, August to November 1902. Six plates on birds are from Birds and Nature."

No more published.

Library has: Vol. 1, Nos. 1-12, Dec. 1901-Nov. 1902: Nos. 1-8, 1₁-162, 8 pls.; Nos. 9-12, 1-68, 3 pls. Covers.

Frank Stephens contributed two articles, one on Hummingbirds, and the other on Pigeons and Doves. This is the only matter on ornithology. — G. S. Guion.

CALIFORNIA TRAVELLER AND NATURALIST. Vols. 1-2, No. 7, Feb. 1892-Apr. 1893, Napa, San Jose, California, U. L. Hertz, 1892-1893. 18, 23½ cm.

Monthly.

Title varies: Union List and Casey A. Wood state that it appeared also as Traveller and Naturalist. Burns states that after July 1892, Ornithologist and Botanist, Binghamton, New York, and Des Moines, Iowa, transferred to the California Traveller and Naturalist.

Subtitle varies with almost every number.

"Official Organ of the Audubon Agassiz Club, an Association for the Advancement of Science and Observation."

Editor: Uriah L. Hertz. Associate editors: April 1893, Isador S. Trostler, C. Barlow, R.P. Froelich.

Burns states that probably volume 1 contained 6 numbers, number 1 appearing in February and number 6 in July and that volume 2 contained 7 numbers.

No more published.

Library has: Vol. 1, Nos. 5-6, June-Aug. 1892: No. 5, 10 pp., No. 6, 9 pp. Covers.

Vol. 2, Nos. 3, 6-7, Dec. 1892, Mar.-Apr. 1893: Nos. 3, 7; 8 pp. each; No. 7, 1-13. Covers.

The following contributed articles and items on birds: Fred C. Hubbard, W. E. Mulliken, Philohela Minor, Chester Barlow, Oswald B. Cooper, Isador S. Trostler, Jesse W. Miller, Wm. LeRoy Atkinson. — G. S. Guion.

CANADIAN NATURAL SCIENCE NEWS; a monthly journal devoted to the natural sciences. Vol. 1, Nos. 1-6? Mar.-Aug. 1897? Baden, Ontario, Edgar R. Boniface, 1897?
31 cm.

Monthly.

Editor: Edgar R. Boniface.

Listed in C. A. Wood with only the date. Burns lists only one number. Guion states that six numbers were issued.

Probably no more published.

Library has: Vol. 1, Nos. 1-6, Mar.-Aug. 1897: 1₁-50.

Articles on ornithology by Thomas Ware, Wm. L. Kells, "W.J.W." (W. J. Wintemberg), and the editor. — G. S. Guion.

CANADIAN ORNITHOLOGIST; a monthly record of information relating to Canadian ornithology. Vol. 1, No. 1, July 1873. Toronto, 1_{Ontario}, 1₁, Willing & Williamson, 1873.
Illus. 22 cm.

Monthly.

Subtitle varies.

Editor: Alexander M. Ross.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 1, July 1873: 1₁-20. Covers.

Contains several very generalized and elementary ornithological articles. — J. Van Tyne.

CANADIAN SCIENCE MONTHLY. Vols. 1-3, No. 11, Jan. 1883-Nov. 1885. Wolfville, Nova Scotia, 1883-1885.
21 cm.

Monthly.

Title varies: Volume 1-2, number 2 as the Acadian Scientist.
Subtitle varies.

Editor: A. J. Pineo.

Burns states that he was "informed by the editor that the second and third volumes appeared under the name of Canadian Naturalist."

Union List states that the title was Canadian Science Monthly after volume 2, number 2.

No more published.

Library has: Vol. 1, No. 3, Mar. 1883: \uparrow 1₁-8. No. 10, Oct. 1883:
 \uparrow 1₁-8. No. 12, Dec. 1883: \uparrow 1₁-16.
Vol. 2, No. 2, Feb. 1884: \uparrow 17₁-32.

C. Hart Merriam and A. J. Pineo contributed oölogical items. Very little ornithological matter. — G. S. Guion.

CANADIAN SPORTSMAN AND NATURALIST; a monthly journal.

Vols. 1-3, No. 12, Jan. 1881-Dec. 1883. Montreal \uparrow Quebec₁, J. T. Robinson, printer, 1881-1893.
22½ cm.

Monthly.

Editors: Burns states that William Couper was editor with W. W. Dunlap as assistant editor.

No more published.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1881: \uparrow 1₁-96. Covers.
Vol. 2, Nos. 1-12, Jan.-Dec. 1882: \uparrow 97₁-196. Covers.
Vol. 3, Nos. 1-12, Jan.-Dec. 1883: \uparrow 197₁-288, incl. index. Covers.

"The first volume of this periodical was devoted largely to sporting matters, particularly hunting and fishing. More space is given in volumes II and III to natural history, with a marked increase in quantity and great improvement in the quality of the ornithological matter."
— Auk.

An excellent periodical containing much of interest to the ornithologist. Among those who contributed are: "Wallace," Ernest D. Wintle, the Editors, R. Rowe, William P. Lett, J. H. Garner, Vincent Clementi, J. H. Garnier, Warren Lowe, Wm. L. Kells, Everett Smith, Harold Gilbert, J. Bernard Gilpin, W. L. Scott, J. M. Lemoine, Chas. J. G. Fraser, John A. Marden, W. E. Saunders, M. Chamberlain, T. Mc-Illwraith, C. Hart Merriam, W. H. Rintone, and W. A. Stearns. Many unsigned articles.— G. S. Guion.

CARDINAL. 1No. 1, May 1936. Louisville, Kentucky, Beckham bird club, 1936.
21 cm.

In the first number of the Chat, Louisville, Kentucky, it is stated that "The Chat supplants the Cardinal, which lived for one feeble issue. Since there is or was, another publication in town called the Cardinal, it was thought that our publishing a pamphlet by that name might prove confusing."

Library has: 1No. 1, May 1936: 6 pp. (mimeographed on one side of leaf only. Cover design hand colored mimeographed drawing; poorly done).

Contains a list of waterfowl on the Ohio River, by Bert Monroe, and short bird notes. — G. S. Guion.

CARDINAL. Vols. 1-6, No. 2, Jan. 1923-July 1943. Sewickley, Pennsylvania, Audubon society of the Sewickley valley. 1923-1943.
Illus. 23 cm.

Semiannual.

Editor: Bayard H. Christy.

With volume 6, number 2, July 1943, is a portrait and a 2-page article on Bayard H. Christy including the following statement: "The Society has decided the 'The Cardinal' should stand as a memorial to his 1Bayard H. Christy, work on behalf of ornithology and that with this issue which he prepared, the publication will be discontinued."

See the Ruffed Grouse.

Library has: Vol. 1, Contents and index, 1-11. Nos. 1-8, Jan. 1923-July 1926: No. 1, 15 pp.; No. 2, 18 pp.; No. 3, 1-20; Nos. 4-6, 8, each number paged separately, 1-24; No. 7, 1-28; 2 maps, 6 pls.
Vol. 2, Nos. 1-8, Jan. 1927-July 1930: 11, 242, 16 pls.
Vol. 3, Nos. 1-8, Jan. 1931-July 1934: 11, 214, 15 pls.
Vol. 4, Nos. 1-8, Jan. 1935-July 1938: 1-214, 15 pls.
Vol. 5, Nos. 1-8, Jan. 1939-July 1942: 1-204, 15 pls.
Vol. 6, Nos. 1-2, Jan.-July 1943: 1-64, 3 pls.

Covers on each volume. Contents and index included in paging, Vols. 2-6.

A valuable periodical treating birds and, to a much less extent, other vertebrates. The quality of the contributions is quite uneven, but many are excellent. — J. Van Tyne.

CARDINAL, Newark, New Jersey, see URNER FIELD OBSERVER

CHAT; a quarterly publication of Beckham bird club, chapter Kentucky ornithological society. Nos. 1-4, 1936, -June 1937. Louisville, Kentucky. 1936, -1937.
21 cm.

Quarterly.

In number 1 it is stated that "The Chat supplants the Cardinal, which lived for one feeble issue."

Editor: Howard M. Ray.

Mimeographed.

No more published.

Library has: No. 1, 1936: 1-6. No. 2, Jan. 12, 1937: 1-8.

No. 3, Apr. 1937: 8 pp. (a few pages are numbered, but incorrectly.)

No. 4, June 1937: 1, -8. (Cover design mimeographed drawing.

No. 3 hand colored.)

Articles by E. M. Ray, Dr. Harvey Lovell, Dorothy Hobson; Dr. William M. Clay, Mabel Slack, Floyd Carpenter, and Robert Mengel. A few unsigned items. - G. S. Guion.

CHAT; bulletin of the Carolina bird club. Vol. 1, No. 1-, Mar. 1937-. Raleigh, Greensboro, North Carolina, 1937-.
Illus. 28, 23 cm.

Volumes 1-5 published irregularly; volume 6-, 5 times a year.

Subtitle varies: volumes 1-12, number 2 as Bulletin of the North Carolina bird club. May 15, 1948 (volume 3, number 3), the North Carolina Bird Club and the South Carolina Bird Club merged, and the name Carolina Bird Club was selected.

Editors: March 1937-March 1944, John H. Grey, Jr. May 1944-March 1951, Archie D. Shaftesbury. May 1951-, Thomas L. Quay.

Volumes 1-4 were mimeographed from a typewritten sheet on one side of leaf only. With volume 5 the Chat appeared in printed form, and the size was reduced from 28 to 23 cm.

Volume 1 contained 10 numbers; volumes 2-4, 12 numbers each; volume 5, 4 numbers; volumes 6-, 5 numbers each.

Library has: Vol. 1, Nos. 1-10, Mar.-Dec. 1937: Nos. 1-6, paged separately, 1, -13, 1, -11, 1, -8, 1, -12; Nos. 7-10 paged continuously 45-68, 1 map. 2 pls. (Double Nos., 3-4, 5-6, 7-8, 9-10).

Vol. 2, Nos. 1-12, Jan.-Dec. 1938: Nos. 1-2 paged separately 1-12, 1-14; Nos. 3-12 paged continuously 27-79. (Double Nos. 3-4, 5-6, 7-8, 9-10, 11-12).

Vol. 3, Nos. 1-12, Jan.-Dec. 1939: 1-90. (Nos. 9-10, erroneously marked 8-9). (Double Nos., 2-3, 4-5, 7-8, 9-10, 11-12).

Vol. 4, Nos. 1-12, Jan.-Dec. 1940: 1, -112. (Double Nos. 5-6, 8-9, 11-12).

Index, Vols. 1-4 1937-1940, in Vol. 5, No. 1, pages 13-16.

Vol. 5, Nos. 1-4, Jan.-Sept. 1941: 1, -64.

- Vol. 6, Nos. 1-5, Jan.-Nov. 1942: 1-80.
 Vol. 7, Nos. 1-5, Jan.-Nov. 1943: 1-80.
 Vol. 8, Nos. 1-5, Jan.-Nov. 1944: 1-80.
 Vol. 9, Nos. 1-5, Jan.-Nov. 1945: 1-80.
 Vol. 10, Nos. 1-5, Jan.-Nov. 1946: 1-92 incl. 2 ports.
 Vol. 11, Nos. 1-5, Jan.-Nov. 1947: 1₁-104.
 Vol. 12, Nos. 1-5, Jan.-Nov. 1948: 1₁-88.
 Vol. 13, Nos. 1-5, Jan.-Nov. 1949: 1₁-84.
 Vol. 14, Nos. 1-5, Jan.-Nov. 1950: 1₁-80.
 Vol. 15, Nos. 1-5, Jan.-Nov. 1951: 1₁-188₁. (Double Nos. 3-4).
 Vol. 16, No. 1- Mar. 1952- 1₁-
 Covers on Vols. 5-16.

A valuable repository of data on North Carolina birds. — P. Brod-korb.

In volume 16, number 1, 1952, it is stated that the Chat is "devoted to the publication of scientific and popular information on the birds and other wildlife of the Carolinas." — M. Underwood.

CHICKADEE; a journal of Worcester county ornithology. Vol. 1, No. 1- , June 1931- . Worcester, Massachusetts, Forbush bird club, 1931- . 28 cm.

Published irregularly; since 1936 annually.

Subtitle varies.

Editors: 1931-1934, Mrs. W. Gray (Bessie L.) Harris. 1934, Dr. W. Elmer Ekblaw. 1935-1946, Mrs. Kenneth B. (Olive P.) Wetherbee. 1947-1951, David K. Wetherbee. 1952- , Mrs. Kenneth B. (Olive P.) Wetherbee.

Volume 1 contains 4 numbers and has no title - being the "?" of the Forbush Bird Club, with the question asked "what shall we call our bulletin." Volume 2 contains 9 numbers, and a special number listing the charter members of the Forbush bird club and the bird books in the Worcester Public Library. With volume 2 printed covers and the title were used. Volumes 3-4 are quarterly; volume 5, 2 numbers; and beginning with volume 6, published annually. With volume 20, only volume numbering used.

Library has: Vol. 1, Nos. 1-4, June-Dec. 1931: 1₁-4, 1₁-12, 1₁-18, 1₁-14.

Vol. 2, Nos. 1-9, Jan.-Dec. 1932: 1₁-13, 1₁-19, 1₁-17, 1₁-16, 1₁-20, 1₁-16, 1₁-16, 1₁-12, 1₁-11. Special number with No. 6 paged 1₁-2, 1₁-19.

Vol. 3, Nos. 1-4, Mar.-Dec. 1933: 1₁-18, 1₁-20, 1₁-18, 1₁-16.

Vol. 4, Nos. 1-4, Apr.-Dec. 1934: 1₁-16, 1₁-16, 1₁-33. (Nos. 3-4, a double number).

Vol. 5, Nos. 1-2, June, Dec. 1935: each number paged separately 1₁-22.

Vol. 6, No. 1, Dec. 1936: 1₁-13.

Vol. 7, No. 1, Dec. 1937: 1₁-13.
 Vol. 8, No. 1, Dec. 1938: 1₁-13.
 Vol. 9, No. 1, Dec. 1939: 1₁-10.
 Vol. 10, No. 1, Dec. 1940: 1₁-9.
 Vol. 11, No. 1, Dec. 1941: 1₁-13.
 Vol. 12, No. 1, Dec. 1942: 1₁-18.
 Vol. 13, No. 1, Dec. 1943: 1₁-18.
 Vol. 14, No. 1, Dec. 1944: 1₁-15.
 Vol. 15, No. 1, Dec. 1945: 1₁-19.
 Vol. 16, No. 1, Dec. 1946: 1₁-20.
 Vol. 17, No. 1, Dec. 1947: 1₁-17.
 Vol. 18, No. 1, 1948 (published Apr. 1949): 1₁-21.
 Vol. 19, No. 1, 1949 (published Apr. 1950): 1₁-19.
 Vol. 20, 1950 (published Apr. 1951): 1₁-16.
 Vol. 21, 1951 (published Apr. 1952): 1₁-21.
 Covers on Vols. 2-21.

Volume 1, number 2 states that it will be "issued monthly chronicling the affairs of the Club reporting items of interest concerning birds, especially of Worcester County and stimulating a more serious study and protection of these wild birds."

A creditable publication. — G. S. Guion.

CINCINNATI JUNIOR SOCIETY OF NATURAL SCIENCES. MISCELLANEOUS PUBLICATIONS. Nos. 1₁-7, 1929-1932₁. Cincinnati, Ohio, Cincinnati society of natural history, 1929-1932₁.
 Illus. 16, 17 cm.

Published irregularly.

Numbers 2₁, 3₁, and 7 also called Guide Booklets.

Editor: 1929-1931, W. H. Weller. Curators: Botany, Paul Bowden. Mineralogy, Ralph Clark. Conchology, Albert Loring. Astronomy, Samuel Loring. Palaeontology, Robert Welch. Ornithology, Carl Maslowski. Herpetology, W. H. Weller. Entomology, Herbert Wyss.
 No more published.

Library has: 1₁No. 1, 1929-1930: 8 pp. 1₁No. 2₁ (not dated): 28 pp.
 1₁No. 3₁ (not dated): 40 pp. No. 4 (not dated): 12 pp. No. 5 (not dated): 12 pp. 1₁No. 6₁ (not dated): 16 pp. No. 7 1932₁: 35 pp. Covers.

CINCINNATI JUNIOR SOCIETY OF NATURAL SCIENCES. OCCASIONAL PAPERS. No. 1, 1936₁. Cincinnati, Ohio, Cincinnati society of natural history, 1936₁.
 Illus. 20½ cm.

Issued irregularly.

Editor: Paper number 1, by Jack Binns with notes by Ralph Dury.
 No more published.

Library has: No. 1, 1936₁: front., 1-12. Covers.

On "The Black Widow Spider." — J. Van Tyne.

CINCINNATI JUNIOR SOCIETY OF NATURAL SCIENCES. PROCEEDINGS. Vols. 1-3; No. 2, Jan. 1930-Dec. 1932. Cincinnati, Ohio, Cincinnati society of natural history, 1930-1932. Illus. 20 cm.

Monthly for volume 1; volume 2, quarterly.

Editor: 1930-1931, W. H. Weller. Curators: Herpetology, W. H. Weller. Astronomy, Samuel Loring. Botany, Paul Bowden. Ornithology, Carl Maslowski. Conchology, Albert Loring. Mineralogy, Ralph Clark. Palaeontology, Robert Welch. Entomology, Herbert Wyss.

No more published.

Library has: Vol. 1, No. 1, Jan. 1930, Nos. 3-12, Mar.-Dec. 1930: title page and index, 4 pp. No. 1, 4 pp.; No. 3, 8 pp.; No. 4, 4 pp.; Nos. 5-6, 18 pp.; No. 7, 4 pp.; Nos. 8-9, 12 pp.; Nos. 10-11, 20 pp.; No. 12, 12 pp. (No. 2 lacking. Double Nos. 5-6, 8-9, 10-11.) Vol. 2, Nos. 1-4, Jan.-Dec. 1931: 1-107, 2 pls.; memorial number, July 1931: 4 pp., 1 pl. index, 2 pp. Vol. 3, Nos. 1-2, Jan.-Dec. 1932: 1-32. Covers on each volume.

Contains contributions to a variety of fields of natural history, those in herpetology and ornithology being of the most value. Herpetological papers include the original description of two Carolina and Tennessee salamanders, Desmognathus aureatagulus Weller and Plethodon welleri Walker. — J. Van Tyne.

CINCINNATI SOCIETY OF NATURAL HISTORY. ORNITHOLOGY LEAFLET. Nos. 1₁-2, 1936₁-1937. Cincinnati, Ohio, Cincinnati museum of natural history, 1936₁-1937. Illus. 20 cm.

Published irregularly.

The following file is complete to May, 1950.

Library has: 1₁No. 1, 1936₁, 4 pp., No. 2, Feb. 26, 1937: 1₁-4. Covers.

No. 1 contains only a very brief and popular account of the museum's hummingbird exhibit. No. 2 presents a four-page narrative, without references or authorities, of Audubon's relations with Cincinnati and its museum. — J. Van Tyne.

CLEVELAND BIRD CALENDAR. 1st year - , 1905-. Cleveland, Ohio,
 1 Western Reserve University, 1 Cleveland museum of natural history,
 Cleveland bird club, Kirtland bird club, 1905-.
 28, 20½ cm.

Published irregularly 1905-1931. Quarterly, 1932- .

Published at Western Reserve University for many years for friends
 and students of the Department of Biology.

Size reduced to 20½ cm. for the 39th year, when it was published as
Bird Life.

Title varies: 1st year, 1905, number 3 as Bird and Flower Calendar.
 From Bulletin numbers 1 and 4 (number 2 lacking in this library),
 1st year, 1905, to 38th year, number 4, 1942, as Cleveland Bird Club,
Bird Calendar, Bulletin. Variations occur such as Bird Calendar,
Bird Calendar of the Cleveland Bird Club, Bulletin. The word bulle-
 tin is omitted from the 35th year on. The 39th year, 1943, as Bird
Life, a magazine of the Cleveland Bird Club, continuing the Cleveland
Bird Calendar. From the 40th year, number 1, December, 1943, to
 date (1952) as Cleveland Bird Calendar.

Editors: 1903-1928, Francis H. Herrick. 1929-1938, S. Charles
 Kendeigh (1930, by C. M. Finfrock). February 1939-January 1941,
 John W. Aldrich. April 1941- , Arthur B. Williams (1943, Herbert
 Brandt was editor of Bird Life and Arthur Williams of the Bird
Calendar).

Published by Western Reserve University, Department of Biology,
 until 1931, when it became the joint enterprise of that department and
 the Cleveland Bird Club. From February 1939 to date (1952) published
 at the Cleveland Museum of Natural History (with the exception of
Bird Life, 39th year, 1943). In December 1943, the Kirtland Bird Club
 co-operated with the Cleveland Bird Club (many members belonging
 to both clubs) in publishing the Cleveland Bird Calendar at the Cleve-
 land Museum of Natural History.

Mimeographed from typewritten copy on one side of leaf only, except
 for the 39th year, 1943, when it was printed in the back pages of Bird
Life.

Library has (and the numbers issued in each volume):

- 1st year, 1905, bulletins 1, 3-4.
- 1 2d year, 1906, bulletin 1.
- 1 3rd year, 1907, bulletins 1, 3.
- 1 4th year, 1908, bulletins 1-2.
- 1 5th year, 1909, bulletins 1, 3.
- 1 6th year, 1910, bulletins 1, 3.
- 1 7th year, 1911, bulletins 1-2.
- 1 8th year, 1912, bulletins 1-2.
- 1 9th year, 1913, bulletins 1-3.
- 1 10th year, 1914, bulletins 1-2.
- 1 11th year, 1915, bulletins 1-3.
- 1 12th year, 1916, bulletins 1-3.

13th year, 1917, bulletins 1-2.
 14th year, 1918, bulletins 1-2.
 15th year, 1919, bulletins 1-2.
 16th year, 1920, bulletins 1-₂.
 17th year, 1921, bulletins 1-2.
 18th year, 1922, bulletins 1-3.
 19th year, 1923, bulletins 1-3.
 20th year, 1924, bulletins 1-3.
 21st year, 1925, bulletins 1-3.
 22nd year, 1926, bulletins 1-3.
 23rd year, 1927, bulletins 1-3.
 24th year, 1928, bulletins 1-3.
 25th year, 1929, bulletins 1-3.
 26th year, 1930, bulletins 1-3.
 27th year, 1931, bulletins 1-5.
 28th year, 1932, to date (1952), 4 numbers per year, except the
 39th year, published as Bird Life, called Vol. 39, Nos. 1-4, con-
 taining the Bird Calendar in Nos. 1-3.

The early numbers of this periodical are largely confined to an attempt to summarize the "ornithological year" (migration dates and unusual occurrences) in the Cleveland area. The periodical is especially noteworthy for its bird censuses which began in 1931 and gradually became more detailed and accurate in later numbers. It is unfortunate that these could not have been printed and a more permanent paper used. — J. Van Tyne.

CLEVELAND BIRD CLUB. BIRD CALENDAR. BULLETIN, see
 CLEVELAND BIRD CALENDAR

COLLECTOR; a magazine devoted to the interest of collectors. Vol. 1, Nos. 1-9, Nov. 1892-July 1893. Pekin, Illinois, F. E. Lux, 1892-1893. 22½, 38 cm.

Monthly.

In The American Magazine of Natural Science, volume 2, number 6, December 1, 1893, F. E. Lux states that The Collector will be discontinued and the subscriptions will be filled by The American Magazine of Natural Science.

Subtitle varies.

Editor: Fred E. Lux.

Burns lists only 6 numbers.

No more published.

Library has: Vol. 1, No. 3, Jan. 1893: 12 pp. No. 4, Feb. 1893: ₁1-12.
 No. 5, Mar. 1893: ₁13-24. No. 6, Apr. 1893: ₁25-36. Nos. 7-8,
 May-June 1893: ₁37-52. No. 9, July 1893: ₁1-8.

The numbers seen contain several short articles of slight merit on birds of Illinois and Nebraska. — J. Van Tyne.

COLLECTOR; a monthly journal devoted to agents and collectors of all branches. Vols. 1-2, No. 9, Nov. 1886-Mar. 1888. Easton, Maryland, Collector publishing co.; Pittsburgh, Pennsylvania, Gambier, Ohio, George D. Morris, 1886-1888.

23 cm.

Monthly.

Information about this magazine has been obtained [1949] from Mr. H. C. Ballard, librarian of the Collectors Club, New York City. The subtitle of volume 2, number 3 is "Formerly the Eclipse," which was a publication by Morris and Stewart during 1886-1887. For the Collector the publishers and place of publication changed frequently. The first issue appeared at Easton, Maryland, C. Haddaway, editor and publisher. From December 1886-July 1887, volume 1, numbers 2-9, the publisher was the Collector Publishing Company, Easton, Maryland. In September 1887, volume 2, number 3, the publisher was George D. Morris, Pittsburgh, Pa. From October 1887-March 1888, volume 2, numbers 4-9, the publisher was George D. Morris, Gambier, Ohio.

Editors: November 1886, C. Haddaway. December 1886-February 1888, Haddaway Bros. March 1888, George D. Morris.

Volume 1 contained 9 numbers, issued from November 1886-July 1887. Volume 2 also contained 9 numbers. Numbers 1-2 may have been a double number as number 3 is dated September 1887, or it may have been part of the Eclipse. No information about these two numbers was obtained. Volume 2 continues through March 1888, ending with number 9.

Not listed by Burns.

No more published.

Library has: Volume 1, No. 2, Dec. 1886, 6 pp.

As the subtitle states, the magazine is devoted to all branches of collecting. In the one number seen, there are a few "items of interest" about birds, unsigned. — M. Underwood.

COLLECTOR; a monthly journal devoted to the interests of collectors of specimens of natural history. Vols. 1-2, No. 8, Sept. 1881-Dec. 1882. Des Moines, Iowa, Charles & James Keyes, 1881-1882.

24-25 cm.

Monthly.

Title varies: Volume 1-volume 2, number 3 as the Young Collector. Volume 1 contains 8 numbers, September 1881-April 1882. Volume 2 contains 8 numbers, May 1882-April 1882.

Burns lists an incomplete set.
No more published.

Library has: Vol. 1, Nos. 4-5, Dec. 1881-Jan. 1882: 123₁-40. Covers.
Vol. 2, Nos. 1-3, 6-8, May-July 1882, Oct.-Dec. 1882: 11₁-28, 145₁-76. Covers.

The following contributed articles on ornithology: H. H. Continent, J. C. Chesebrogh, Joseph M. Wade, quite a few articles signed by initials only. — G. S. Guion.

COLLECTORS' ADVOCATE; devoted to all branches of collecting.

Vol. 1, No. 1, Jan. 1888. Cincinnati, Ohio, C. Tarvin, 1888.
21 cm.

Editor: Chas. Tarvin.
Listed by Burns.
No more published.

Library has: Vol. 1, No. 1, Jan. 1888: 8 pp.

"Birds of Central Kentucky," by C.P.T. Notes on 16 common species nesting in Campbell and Kenton counties. — F. L. Burns.

COLLECTOR'S BLUE BOOK; a monthly illustrated magazine for collectors (American society of curio collectors). Vols. 1-3, No. 2, Dec. 1913-Jan. 1915. Camden, New Jersey, R. J. Wythe, 1913-1915.
22½ cm.

Monthly.

Organ of the American Society of Curio Collectors.

Editor: Thomas Burnett (in the number this library has).

Succeeded by the Stamp Journal.

Not listed by Burns. Union List states that the Curio Collector merged into The Collector's Blue Book.

No more published.

Library has: Vol. 1, No. 4, Mar. 1914: 171₁-86.

Mostly philately and archeology. — C. Walker.

COLLECTORS' ILLUSTRATED MAGAZINE; a monthly magazine devoted to the interests of collectors in all branches. Vol. 1, Nos. 1-2, Jan.-Feb. 1888. Riverside, California, E. M. Haight, 1888.
22½ cm.

Monthly.

Burns states that this magazine was suspended because they could not obtain second-class rates. Subscriptions were transferred to The Old Curiosity Shop.

Editor: E. M. Haight.

No more published.

Library has: Vol. 1, No. 1, Jan. 1888: 1₁-12. No. 2, Feb. 1888:
1₁₃₁-25, 1 p. illus., 26-27. Covers.

Ornithological articles by H. R. Taylor and W. L. Kells. — G. S. Guion.

COLLECTOR'S LEDGER; an illustrated monthly. Vols. 1-4, Dec. 1885-
Mar. 1889. Helmetta, New Jersey, etc., The Ledger co., 1885-1889.
Illus. 39½, 24 cm.

Monthly.

Title varies: Volumes 1-3, December 1885-March 1888, as Youth's Ledger.

Editors: December 1885-August 1888, Alvah Davison. September
1888-March 1889, Gustav Aue and William Aue.

Not listed by Burns.

No more published.

Library has: Vol. 4, No. 6, Sept. 1888: 77-92. Covers.

This number devoted to stamps, coins, and Indian relics.
— J. Van Tyne.

COLLECTORS' MONTHLY; devoted to oölogy, ornithology, and entomol-
ogy, see NATURAL HISTORY COLLECTORS' MONTHLY

COLLECTORS' MONTHLY; for those interested in natural history.
Vols. 1-3, No. 5, Nov. 1890-May 1892. Danielsonville, Connecticut,
C. H. Prince, 1890-1892.
20½ cm.

Monthly.

Subtitle varies.

In volume 1, number 1 the editor states that the publication The Oologist's Advertiser has been discontinued and that the subscribers will be sent The Collectors' Monthly until their subscriptions expire. In volume 3, number 5 the information is given that this number is the last issue of The Collectors' Monthly and that arrangements have been made with Stack and Peck, publishers of The Oologist's Journal, to fill the unexpired subscriptions. This was probably not carried out, as The Oologist's Journal ceased publication a month before, that is, in April 1892. In volume 1, number 1, August 1893, of The Natural History Collectors' Monthly, Newburgh, New York, it is stated that the subscriptions of The Collectors' Monthly will be filled by The Natural History Collectors' Monthly.

Editor: Charles H. Prince.

According to Burns volume 1 contained 2 numbers, volume 2, 12 numbers, and volume 3 ended with number 5.

No more published.

Library has: Vol. 1, Nos. 1-2, Nov.-Dec. 1890: 1-8. Covers.

Vol. 2, Nos. 1-12, Jan.-Dec. 1891: 9-76. Covers.

Vol. 3, Nos. 1-3, Jan.-Mar. 1892: 1₁-24. Covers.

Contributions by Carlton Ball, N. R. Christie, Albert Garrett, R. F. Green, G. L. Howe, Fred T. Jencks, J. Warren Jacobs, L. L. Knox, Rev. J. H. Langille, George A. Morrison, C. C. Purdum, C. E. Pleas, Dr. A. G. Prill, P. B. Peabody, Ernest H. Short, J. A. Singley, and Ed. Van Winkle, and A. H. Helme. "Notes on the Birds of Long Island," ran through the entire series. — F. L. Burns.

COLLECTORS' NATURAL HISTORY MONTHLY, see NATURAL HISTORY COLLECTORS' MONTHLY

COLLECTORS' NOTE BOOK; a monthly magazine devoted to collectors and collecting in general. Vols. 1-3, No. 4? Dec. 1903-Mar. 1905? Camden, New Jersey, Thomas Burnett, Robert J. Wythe, 1903-1905? 19 cm.

Monthly.

Editors: December 1903-November 1904, Thomas Burnett. December 1904-March 1905, Robert J. Wythe.

Volume 1 contained 6 numbers, volume 2, 6 numbers, and volume 3 probably ended with number 4. The paging is continuous between numbers 2 and 4 of volume 2. This may indicate that number 3 does not exist, or it may be only an error in paging.

Burns lists an incomplete set.

No more published?

Library has: Vol. 1, No. 6, May 1904: title page and index, 4 pp., 179₁-98. Covers.

Vol. 2, Nos. 2, 4-6, July, Sept.-Nov. 1904: 119₁-218. Covers.

Vol. 3, Nos. 1-4, Dec. 1904 - Mar. 1905: 1₁-52. Covers.

R. W. Shufeldt contributed a "continued" article on taxidermy, which ran through three numbers, volume 2, numbers 4-6₁. An unsigned article on "Hunting for the Eggs of the Sea Gull and Gannet" appeared in volume 3, number 1, December 1904. — G. S. Guion.

COLLECTORS' SCIENCE MONTHLY; a magazine devoted to the interests of collectors of natural history specimens, stamps, coins, etc., etc. Vol. 1, Nos. 1-3, Mar.-May 1886. Battle Creek, Michigan, C.M. S. publishing co., 1886. Illus. 24 cm.

Monthly.

Editor: No information about the editor is given in the number this library has.

The publishers were Howes and Spaulding, known as C.M.S. Publishing Company.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Mar. 1886: front. 13₁-18. Covers.

This number contains "Conchological Work in Michigan" by Bryant Walker. In the same number is an article and an engraving of the Osprey, also an article "My Visit to a Heronry" by W.P. Ely, M.D. — G. S. Guion.

COLLECTORS STANDARD; published in the interest of collectors.

Vols. 1-3, No. 6, Mar. 1886-Aug. 1888. Delta, New York, Smith and Klock, 1886-1888.

23½ cm.

Monthly.

Title varies: Volumes 1-3, number 3, 1886-May 1888, as Mohawk Standard.

Subtitle varies.

Editors: C. D. Smith and E. J. Klock.

Volume 2, number 8 incorrectly numbered volume 2, number 9, according to Union List. Not listed by Burns or Casey A. Wood.

No more published.

Library has: Vol. 2, Nos. 10-11, Dec.-Jan. 1887-88: 11₁-12. Covers.

Largely collectors' news items. Strong on philately and mineralogy. Nothing concerning natural history as such. 1 Only volume 2, numbers 10-11 examined. — L. C. Stuart.

COLLECTORS' STAR; a monthly devoted to collecting. Vol. 1, Nos. 1-2, Jan. 1888-Mar. (Feb.) 1888. Pawnee, Nebraska, Star publishing co., 1888.

23 cm.

Monthly.

Burns lists only volume 1, number 2. The date printed on this number is March 1888, but stamped over as February 1888. Number 1 is very scarce.

Probably no more published.

Library has: Vol. 1, No. 1, Mar. 1888: 4 pp. No. 2, Mar. (Feb.) 1888: 4 pp.

Contains N. R. Christie's "Game Birds of California," a very amateurish article abounding in typographical errors. — J. Van Tyne.

COLLECTOR'S WEEKLY. Vol. 1, Nos. 1-15, Dec. 1887-June 1888.
Wyoming, Iowa, E. R. Marshall, P. W. Tourtellot, 1887-1888.

Published every Saturday.

Title varies: numbers 1-12 as Hawkeye State Collector.

Size varies for numbers 3-12. 25 cm. for numbers 13-14, according to the librarian of the American Antiquarian Society.

No more published.

Library has: Vol. 1, No. 11, May 19, 1888: 55-64.

This number is devoted to advertising in one form or another.
- J. Van Tyne.

COMMON SENSE, see COMMON SENSE AND EXCHANGERS' FRIEND

COMMON SENSE AND EXCHANGERS' FRIEND; devoted to the interest of collectors of all classes. Vols. 1-2, Nos. 1-22, Mar. 1887-Nov. 1889. Mexico, New York, F.A. Thomas, 1887-1889.
23, 24, 30 cm.

Monthly.

Title varies: Volume 1- volume 2, number 1-? as Common Sense.

Subtitle varies according to Union List.

Numbers 21-22 incorrectly numbered as numbers 11-12 according to Union List.

Size varies: volume 1, number 2, 30 cm. ; volume 1, number 9, 24 cm.; volume 2, number 1, 23 cm. No more information has been obtained concerning the size.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 2, Apr. 1887: 15₁-8.

CONTRIBUTIONS TO NORTH AMERICAN ORNITHOLOGY. Vol. 1, pages 1-61, Oct. 14, 1901-Apr. 28, 1904. Longwood, Concord, Massachusetts. 1901-1904.
25 cm.

Editor: Reginald Heber Howe, Jr.

Not listed by Burns. Casey A. Wood lists 9 parts, 1901-1904 with a note that no more were published. According to a note from Mr. Howe the set ends with page 61.

Library has: Vol. 1, Oct. 14, 1901: 1-2. Dec. 24, 1901: 3-4. Jan. 30, 1902: 5-23 24₁. May 21, 1902: 25-32. Jan. 31, 1903: 33-38. May 7, 1903: 39-42. June 10, 1903: 43-44. Oct. 16, 1903: 45-51. Jan. 6, 1904: 53-58. Apr. 28, 1904: 59-61.

A complete set contains the following papers by the editor: "A New Subspecies of Passerculus sandwichensis (Namely, labradorius)," "A North American Faunal Index to the 'Ornithologist' and 'Oologist'," "A Review of Professor George H. Perkins' 'A Preliminary List of The Birds Found in Vermont'," (20 pp.) giving a complete, corrected list, "Notes on Various Florida Birds." (Includes the original descriptions of: Cerchneis sparverius paulus and Myiarchus crinitus residuus.) — J. Van Tyne.

CURIO; a monthly devoted to collectors. . . Vols. 1-8, No. 7, Feb. 1889-Aug. 1892. Benson, Minnesota, Curio co., 1889-1892.

Monthly.

According to H. C. Ballard, the librarian (1949) of the Collectors Club, New York City, the following numbers were issued: Vol. 1, 3 issues, February to April 1889; Vol. 2, 3 issues, May to July 1889; Vol. 3, 3 issues, August to October 1889; Vol. 4, 3 issues, November, December (with supplement) and "Christmas" 1889; Vol. 5, 3 issues, January to March 1890; Vol. 6, 9 issues, April to December and "Christmas" 1890 (May - June in one number); Vol. 7, 12 issues, January 1891 to January 1892; Vol. 8, 7 issues, February to August 1892.

Not listed by Burns.

No more published.

Library has: Vol. 6, No. 6, Oct. 1890: 1, 1-8.

Nothing of value in the number in this library. — M. Underwood.

CURIO BULLETIN, see CURIO COLLECTOR

CURIO COLLECTOR; a quarterly magazine devoted to scientific collecting, official journal of the American society of curio collectors. Vols. 1-4, No. 4, Mar. 1910-Jan. 1, 1914. Chicago, Illinois, American society of curio collectors; Osage, Iowa, C. B. Woolverton, 1910-1914.
22 cm.

Quarterly.

Title varies: Burns states that the Curio Bulletin, Chicago, Illinois, after publishing 3 numbers in 1910 transferred subscriptions to the Curio Collector continuing the same volume numbering.

Editors: T. Van Hying and F. May Tuttle.

Volume 1 of the Curio Collector was published by the American Society of Curio Collectors and the remaining volumes by Corrine Woolverton. The Curio Bulletin appeared in March 1910, numbered volume 1, number 1; in June 1910, numbered volume 1, number 2;

and in Autumn 1910, numbered volume 1, number 3. The first number of the Curio Collector is volume 1, number 4, also designated as the Winter number. The seasons are used and also the months in dating the numbers. The last number which Burns lists is volume 3, number 1, but the publication continued through volume 4, number 4, January 1, 1914, according to G. S. Guion.

Listed in Union List, which states that it merged into the Collector's Blue Book.

Probably no more published.

Library has: Vol. 1, No. 1, Mar. 1910: 1₁-32. No. 2, June 1910:

1₃₃-64. No. 3, Autumn 1910: 1₁-23. No. 4, Winter 1911: 1₁-23.

Vol. 2, No. 1, April (Spring) 1911: 1₁-35. No. 2, July (Summer) 1911:

1₁-44. No. 3, Oct. (Autumn) 1911: 1₁-28. No. 4, Jan. (Winter)

1912: 1₁-17.

Vol. 3, No. 1, April (Spring) 1912: 1₁-24. No. 2, Aug. (Summer) 1912:

1₁-20. 1₁No. 3 probably not published. No. 4 (volume incorrectly

numbered 4 and marked Spring) Feb. (Winter) 1913: 1₁-14.

Vol. 4, No. 1, Apr. (Spring) 1913: 1₁-11. No. 2, Aug. (Summer) 1913

1₁-8. No. 3, Oct. (Autumn) 1913: 1₁-7. No. 4, Jan. (Winter) 1914:

1₁-19.

Covers on each volume.

CURIO EXCHANGE; a bimonthly journal devoted to the interest of collectors of stamps, relics, and natural history specimens, and for the instruction and entertainment of all. Vols. 1-2, No. 4, June 1900-Feb. 1902. New Kamilche, Washington, Frank Gingrich, 1900-1902. 14, 20½ cm.

Bimonthly.

Editor: Frank Gingrich.

With volume 1, number 5, the size changed to 20½ cm.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 1, June 1900: 1₁-12. No. 2, Aug. 1900:

1₁-12. No. 3, Oct. 1900 (erroneously dated Dec.): 1₁-8. No. 4,

Dec. 1900: 1₁-4. No. 5, Feb. 1901: 1₁-8. No. 6, Apr. 1901:

1₁-12. (In this copy pages 3-4, 9-10 missing and 5-6, 7-8 in duplicate). Covers on Nos. 2, 5, 6.

Vol. 2, No. 1, July-Aug. 1901: 1 p., 1-12, 1 p. No. 2, Sept.-Oct. 1901:

12 pp. No. 4, Jan.-Feb. 1902: 3 pp. Covers.

Devoted to exchanges. In volume 2 several numbers contain a department of botany conducted by C.R. Orcutt of San Diego, California.

— M. Underwood.

CURIO INFORMANT. Vol. 1, Nos. 1-4, Aug. 1, 1889-Nov. 1889. Nashville, Tennessee, James McBride, 1889.
30 cm.

Monthly.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Aug. 1, 1889: 1₁-4.

The editorial page carries a statement that "the paper will be devoted more especially to archaeology, with matters of interest for oologists, philatelists, taxidermists, numismatists, mineralogists, etc."

CURIOSITY WORLD, see HUBBARD'S MAGAZINE

CURLEW. Vol. 1, Nos. 1-7, Oct. 1888-Apr. 1889. Orleans, Indiana, O.P. Hauger, 1888-1889.
14½, 20½ cm.

Monthly.

Burns states that the first few numbers were the organ of the Young Ornithologists' Association. Later, it was published for the Wilson Chapter A.A. According to a note in the Wilson Bulletin, number 86, March 1914, it was the first official organ of the Wilson Ornithological Club.

Listed by Burns.

Editors: President, Lynds Jones; secretary, J. B. Richards.

No more published.

Library has: Vol. 1, Nos. 1-7, Oct. 1888-Apr. 1889: Nos. 1-2, contents 1 l. each, paged continuously 1₁-24 (page 14 erroneously numbered 13); Nos. 3-7, paged continuously 1₁-64. Covers on Nos. 4-7. On the cover of No. 7, is a black and white sketch of a curlew.

Short papers by E. P. Carlton, F. W. Curtis, J. A. Donald, Lynds Jones, W. A. Miller, jr., R. M. Strong, H.P.T. Weather, G. L. White, and others. — F. L. Burns.

Number 1 contains the constitution of the Young Ornithologists' Association and a partial list of members. Number 3 contains the constitution of the Wilson Ornithological Chapter of the Agassiz Association. Numbers 6 and 7 contain a membership list of the Wilson Ornithological Chapter of the Agassiz Association. — C. Walker.

CURRENT ITEMS OF INTEREST, see AUDUBON SOCIETY OF THE DISTRICT OF COLUMBIA

DETROIT AUDUBON CLUB, see DETROIT AUDUBON SOCIETY

DETROIT AUDUBON SOCIETY. BIRD SURVEY OF THE DETROIT REGION. 1945-. Detroit, Michigan, Detroit Audubon society, 1945-. 19, 28 cm.

Title varies: 1945 as Detroit Audubon Club.

Editors: 1945, R. A. O'Reilly, Jr., Mrs. Allen S. Beard (Elizabeth B.), 1946, R. A. O'Reilly, Jr., Mrs. Allen S. Beard (Elizabeth B.), Joseph G. Liptow. 1947-1948, Ralph A. O'Reilly, Jr., Joseph G. Liptow, Clarence J. Messner, Douglas S. Middleton, Walter P. Nickell. 1949-, Ralph A. O'Reilly, Jr., Douglas S. Middleton, Neil T. Kelly, Clarence J. Messner, Walter P. Nickell.

Size changed from 19 cm. for 1945 to 28 cm. for 1946- .

1945 was printed; 1946- was mimeographed on one side of leaf only from typewritten sheet.

Library has: 1945: 1, 1-32, incl. title page and map. Covers.

1946: title page, or cover 1 p., map, 1 p., 1, 1-19.

1947 (published Jan. 1950): title page or cover, 1 p., map, 1 p., 1, 1-37.

1948, 4th year (published May 1, 1950): title page or cover, 1 p., map (folded), 1 p., 1, 1-47.

1949 (published May 1, 1951): 1 p., map (folded), 1 p., contents, 1 p., 1-73. Cover.

An excellent publication, steadily improving. — J. Van Tyne.

DETROIT AUDUBON SOCIETY. BULLETIN. Vols. 1-2, No. 5, June 1944-June 1945. Detroit, Michigan, 1944-1945. 28 cm.

Published irregularly.

Title varies: After 1945 the Detroit Audubon Club became the Detroit Audubon Society.

Editors: Volume 1, Clarence Messner. Volume 2, Clarence Messner, assisted by Hazel Messner, Elizabeth Beard, and Homer Roberts, artist.

According to information from the associate editor, Hazel W. Messner, volume 1 was a series of newsletters which were of a transitory nature and not preserved. Volume 2, number 1 was also a simple newsletter. Numbers 2-5 of volume 2 were the work of the editorial committee, and no more were published because of lack of an appropriation.

Mimeographed on one side of leaf from typewritten sheet.

Library has: Vol. 2, No. 2, June 1, 1944: 4 pp. No. 3, Nov. 1944: 1-13, 1 p. No. 4, Feb. 1945: 1 p., 1-12. No. 5, June 1945: 1 p., 1-9.

Covers.

Among the contributors are Walter P. Nickell and Ralph O'Reilly, Jr. — M. Underwood.

DETROIT AUDUBON SOCIETY. JUNIOR DIVISION. BULLETIN.

Series 1, Nos. 1-10, Series 2, Nos. 1-. Detroit, Michigan, 1949, 33, 28 cm.

Editor: Millie Reynolds (Mrs. P. J.).

According to information (1951) from Mrs. Reynolds, "none of the bulletins are dated, but all have been issued within the last three years; they are sent free to all Detroit Audubon Society members, leaders of Audubon Junior Groups, school teachers, librarians, leaders of organized groups such as Scouts, Camp Fire, and many others, and they are free of charge. This being the Detroit Audubon Society's contribution toward a better understanding of Nature and Conservation."

Mimeographed on one side of leaf only from typewritten sheet.

Library has: No. 1: 1₁-3. ("Short History of the Audubon Society.")
No series.

Series 1: No. 1: 1₁-2. No. 2: 1₁-4. No. 3: 1₁-3. No. 4: 1₁-2. No. 5: 1₁-2. No. 6: 1₁-2. No. 7: 1₁-2. No. 8: 1₁-2. No. 9: 1₁-2. No. 10: 1₁-2.

Series 2: No. 1: 1 p. No. 2: 1 p. No. 3: 1 p. No. 4: 1 p. No. 5: 1₁-3. No. 6: 1 p. No. 7: 1₁-3. (Second printing. First printing called special bulletin 1₁-2.) No. 8: 1 p. No. 9: 1₁-3. No. 10: 1₁-3. No. 11: 1 p. No. 12: 1₁-2. No. 13 ("Simplified Study of Plants"): 1₁-7. No. 14 ("Simplified, Fundamental Study of Rocks"): 1₁-5. No. 14A: 1 p. No. 14B: 1 p. No. 15: 1 p.

This is a complete set to-date. (Feb. 1952)

DETROIT AUDUBON SOCIETY. NEWSLETTER. December 1946- .

Detroit, Michigan, 1946- .
28 cm.

Issued irregularly. From 1950, quarterly.

According to the secretary of the society, Miss Ann M. Boyes, the Newsletter was issued to take the place of the Bulletin.

Mimeographed on one side of leaf only from typewritten sheet.

For 1946, 1 number was issued; 5 issues in 1947; for 1948, 2 issues; 3 issues for 1949.

Library has: Dec. 1946: 4 pp.

Feb. 1947: 1 p. Apr. 1947: 2 pp. June 1947: 2 pp. Oct. 1947: 2 pp.
Dec. 1947: 3 pp.

Apr. 1948: 2 pp. Sept. 1948: 2 pp.

Jan. 1949: 3 pp. Apr. 1949: 2 pp. Sept. 1949: 3 pp.

Jan. 1950: 4 pp.

Events and news concerning members of the society. —M. Underwood.

DICKCISSEL; official publication of the Sioux City bird club. Vol. 1-, Sept. 1934- . Sioux City, Iowa, 1934-.
28 cm.

Published irregularly.

Title of volume 1, number 1: Sioux City Bird Study Club Review. Subtitle of volume 2, numbers 1-4: News Letter of the Sioux City Bird Club.

Editors: September 1934-April 1935, R. D. Hissong. October 1937-July 1938, Wilfred D. Crabb. September 1938-May 1939, Borden C. Buchanan. February 1940-April 1940, Herrold Asmussen. October 1941-May 1944, Zell C. Lee. December 1944-February 1945, Ruth Sampson. June 1945-Winter 1948, Mrs. H. T. Lambert. August 1948, Zell C. Lee. December 1948-, Mrs. A. H. Schatz.

According to Mrs. Schatz the numbers in this library may be considered a complete set to date (1952), with the exception of volume 4, number 2, a postcard sent out with observations of a field trip, which is lacking in this library.

Mimeographed from typewritten sheet on one side of leaf only.

- Library has: Vol. 1, No. 1, Sept. 1934: 1₁-5. No. 2, Apr. 1935: 1₁-8. Vol. 2, No. 1, Oct. 6, 1937: 1 p. No. 2, Oct. 13, 1937: 2 pp. No. 3, Nov. 24, 1937: 3 pp. No. 4, Dec. 15, 1937: 1₁-5 (page 3, "History of the Club"). No. 5, Jan. 22, 1938: 1₁-3₁. No. 6, Feb. 25, 1938: 1 p. No. 7, Mar. 25, 1938: 1 p. No. 8, Apr. 20, 1938: 1 p. No. 9, July 15, 1938: 2 pp.
- Vol. 3, No. 1, Sept. 21, 1938: 1₁-2. No. 2, Oct. 21, 1938: 1₁-2. No. 3, Nov. 18, 1938: 1₁-2. No. 4, Dec. 8, 1938: 4 pp. No. 5, Dec. 18, 1938: 1₁-3.
- Vol. 4, No. 1, Feb. 25, 1939: 1₁-9. No. 3, May 6, 1939: 1₁-2.
- Vol. 5, No. 1, Feb. 9, 1940: 1₁-4. No. 2, Apr. 19, 1940: 1₁-7. No. 3, Oct. 1, 1941: 7 pp. No. 4 (erroneously numbered 17), Feb. 9, 1942: 11 pp. No. 5, Apr. 28, 1943 (erroneously dated 1942): 16 pp.
- Vol. 6, No. 1, Jan. 1944: 3 pp. 1₁-13. No. 2 (erroneously numbered 11), May 15, 1944: 1-11. No. 3, Dec. 1944: 1₁-10. Cover. No. 4, ("History of the Dickcissel" in this number and erroneously called Vol. 7), Feb. 1945: 11 pp. Cover. No. 5, June 1945: 1₁-8. Cover.
- Vol. 7, No. 1, Fall 1945: 1-13. Etching of the Dickcissel by Major Allan Brooks on cover. No. 2, Spring 1945-6: 1₁-19. No. 3, Spring 1946: 2 pp., 1-23. No. 4, Summer 1946: 1₁-13. No. 5, Fall 1946: 1-19. No. 6, Winter 1946-1947: 1₁-13. No. 7, Spring and Summer 1947: 1₁-21. No. 8, Autumn and Winter 1947-48: 1₁-19. Covers.
- Vol. 8, No. 1, Spring and Summer, August 27, 1948: 1₁-13. No. 2, Fall, Dec. 1948: 1₁-20. No. 3, Winter, Mar. 1949: 1₁-15. No. 4, Spring and Summer, Oct. 1949: 1 p. 1₁-10. No. 5, Fall, Dec. 1949: 1 p. 1₁-14. No. 6, Winter 1949-1950: 1 p. 1₁-10. No. 7, Spring and Summer, Aug. (erroneously called June) 1950: 1 p. 1₁-19. Covers.
- Vol. 9, No. 1, Fall, Nov. 1950: 1₁-23. No. 2, Winter, Mar. 1951: 1 p. 1₁-17. No. 3, Spring, June 1951: 1 p. 1₁-17. Covers.

Vol. 10, No. 1, Fall, Nov. 1951: 1 p. 1₁-16. No. 2, Winter, Feb. 1952: 1 p. 1₁-13. Covers.

Newsletter with a few observations on bird occurrences. — P. Brod-korb.

EASTERN BIRD BANDING ASSOCIATION, see EBBA NEWS

EASTERN BIRD BANDING ASSOCIATION. BULLETIN. Nos. 1-3, Oct. 1924-Oct. 1927. New York (Eastern bird banding association), 1924-1927.

Illus. 23 cm.

Published irregularly.

According to Mr. John T. Nichols this publication discontinued, enabling the Association to support the Bulletin of the Northeastern Bird-Banding Association, which later became Bird-Banding.

Editors: October, 1924, 1925, John T. Nichols. October 1927, John T. Nichols and R. H. Howland.

No more published.

Library has: No. 1, Oct. 1924: 5 pp. No. 2, Oct. 1925: 3-23. No. 3, Oct. 1927: 3-15. Covers.

Contains contributions by R. Boulton, J. T. Nichols, R. E. DeLury, B. S. Bowdish, V. Burtch, M. S. Crosby, M. D. Pirnie, J. A. Gillespie, and others on bird banding in the eastern states. — J. Van Tyne.

EASTERN BIRD BANDING QUARTERLY. Vol. 1, No. 1, May 1934.

Collingswood, New Jersey, Eastern bird banding association, 1934. 23 cm.

Editor: Walter Baetzel. Officers of the association: President, John A. Gillespie. Vice-president, Marie V. Beals. Secretary, Frank B. Foster. Treasurer, Wm. Pepper, Jr.
No more published.

Library has: Vol. 1, No. 1, May 1934: 2₁-11. Covers.

Contains short notes by F. C. Lincoln, R. E. DeLury, B. Bowdish, J. A. Gillespie, and others. — J. Van Tyne.

EASTERN ONTARIO FISH AND GAME PROTECTIVE ASSOCIATION.

BULLETIN. Vol. 1, No. 1- , Dec. 1935- . Gananoque, Ontario, 1935-. 22, 23½ cm.

Usually monthly.

Editor: G. C. Toner.

Volume 1 contained in addition to 7 numbers, 1 insert and 1 supplement.

Library has: Vol. 1, Nos. 1-7, Dec. 1935-Sept. 1936: each number varying from 2 to 6 pages. --- Suppl. 1, Mar. 1936: 1₁-12.

Covers. --- 1₁ Insert₁ with No. 3, 2 pp.

Vol. 2, Nos. 1-2, Jan., Oct. 1937: 1₁-12. --- Suppl. 2, Apr. 1937: 1₁-24. Covers. --- Suppl. 3, July 1938: 1₁-20. Covers.

Largely devoted to conservation news and propaganda. Also contains "Birds of Leeds County 1₁Ontario₁" and "Preliminary Studies of the Fishes of Eastern Ontario" by G. C. Toner. — J. Van Tyne.

EBBA NEWS: a friendly report issued monthly to the members of the Eastern bird banding association. Vol. 1-, Oct. 1938- . Huntington, New York; Reynoldsville, Pennsylvania, 1938- . 28 cm.

With the first number it was announced that it would be "sent free as often as financially possible to all members of the E.B.B.A." With volume 3, number 1, April 1940, it was issued monthly.

Title varies: EBBA Nus volume 1, number 1 - volume 6, number 7.

Motto: Let us band together.

In a letter Mr. Gill states: "By special arrangement between the Eastern Bird Banding Association and the Inland Bird Banding Association, starting in 1942, every issue of EBBA News during every second month also included the bimonthly publication of the Inland Association, published at Fargo, S.D., and edited by Prof. O. A. Stevens. This was discontinued in 1948, and from then onward EBBA News has been circulated alone." In volume 10, 1947, number 11 appears the Hawk Mountain Sanctuary Association. Publication number 12, Annual Report number 9, 1946-1947. Attached to volume 8, 1945, number 8 is the Audubon Society of New Hampshire Bulletin, volume 16, number 2.

Editors: October 1938-September 1939, Carlton M. Herman. April 1940-January 1948, Geoffrey Gill. February 1948-, Robert L. Smith. According to Mr. Gill the following have been published: Volume 1, 1938, had 3 issues; volume 2, 1939, had 5 issues; volume 3, 1940, had 9 issues. Since then there have been 12 issues a year. Mimeographed from typewritten sheet.

Library has: Vol. 1, Nos. 1-3, Oct., Nov. 1938, Jan. 1939: 1₁-7, 1₁-1₂, 1₁-4.

Vol. 2, Nos. 1-2, Mar., Sept. 1939: each number paged separately 1₁-4.

Vol. 3, Nos. 1-2, 4-9, Apr.-May, July-Dec. 1940: No. 1, paged separately 1₁-5; Nos. 2-7, 4 pp. each; Nos. 8-9, 5 pp. each.

Vol. 4, Nos. 1-12, Jan.-Dec. 1941: Nos. 1-3, 5-12, 5 pp. each; No. 4, 7 pp.

Vol. 5, Nos. 1-12, Jan.-Dec. 1942: 5 pp. each.

Vol. 6, Nos. 1-12, Jan.-Dec. 1943: No. 1-10, 12, 5 pp. each; No. 11, 7 pp. (No. 8 erroneously numbered 7).

Vol. 7, Nos. 1-12, Jan.-Dec. 1944: 5 pp. each.

Vol. 8, Nos. 1-12, Jan.-Dec. 1945: 5 pp. each.

Vol. 9, Nos. 1-12, Jan.-Dec. 1946: Nos. 1-2, 4-12, 5 pp. each; No. 3, 9 pp. (No. 11 erroneously numbered 10).

Vol. 10, Nos. 2-9, 11-12, Feb.-Sept., Nov.-Dec. 1947: 5 pp. each.
(Nos. 1 and 10 lacking).

(The numbers of Inland Bird Banding News issued with EBBA News will not be recorded as many numbers are lacking in the set owned by this library).

Many of the earlier numbers have colored pictures of birds on the front cover. Of special interest to bird banders. — G. S. Guion.

EBBA NUS, see EBBA NEWS

ECLIPSE, see COLLECTOR; a monthly journal devoted to agents and collectors of all branches

EGGS AND STAMPS; a monthly journal issued for the benefit of ornithologists and philatelists. Vol. 1, Nos. 1-2, Jan.-Feb. 1894. Cornish, Maine, 1894.
21½ cm.

Monthly.

Editor: Stephen J. Adams.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Jan. 1894: 4 pp. No. 2, Feb. 1894: 9, 16.

Contributions by Adolph Stetcher, Chas. Acey White, and the editor.
— G. S. Guion.

EMPIRE STATE EXCHANGE; a monthly for collectors devoted to mineralogy, archaeology and geology, and to the other natural sciences, to philately and exchanges. Vols. 1-3, No. 4, Nov. 1889-Feb. 1892. Water Valley, Eden Valley, New York, Perrine bros., 1889-1892.
16½, 23 cm.

Monthly.

Editor: Ulysses R. Perrine.

In Volume 3, number 1, it is announced: "Here we are again after a few months suspension of the Empire State Exchange." It was permanently discontinued after volume 3, number 4. In the American Magazine of Natural Sciences, Jersey City, N. J., volume 1 number 4, page 28, September 1892, there appears the following: "The

publishers of the Empire State Exchange, being unable to continue the publication of their excellent journal . . . have transferred their subscription list . . . to the A.M. of N. S. and subscribers to that journal will receive our magazine until their time expires." Volume 1 contains 10 numbers; volume 2, 2 numbers (?); volume 3, 4 numbers. Burns states that there is a possibility that volume 2 contains more numbers, but he thinks not. According to the library of the Collectors Club, New York City, volume 2, contains only 2 numbers. No more published.

Library has: Vol. 1, Nos. 1-10, Nov. 1889-Oct. 1890: 1₁-108. Index to Vol. 1, on page 108. Size increased with No. 7. Covers on all numbers except 1 and 7.

Vol. 2, Nos. 1-2, Dec. 1890-Jan. 1891: 1₁-24. Covers.

Vol. 3, Nos. 1-4, Nov. 1891-Feb. 1892: 1₁-48. Covers.

The following contributed: R. S. Boyd, J. R. Craigie, J. Edw. Smith, Chas. S. Checrier, George McCarthy, C. Hammet, R. M. Miller, James Hill, Letson Balliet, Edward Fuller. A number of articles, anonymous. — G. S. Guion.

ESSEX COUNTY NATURAL HISTORY SOCIETY. JOURNAL . . . Vol. 1, Nos. 1₁-3, 1836-1852. Salem 1_{Massachusetts}, Printed for the society by Wm. Ives & co., 1852.
22 cm.

Editors: Officers of the society for 1836, President, Andrew Nichols. Vice-presidents, Wm. Oakes and Gardner B. Perry. Secretary and treasurer, Henry Wheatland. Librarian, William P. Richardson. Publishing committee for 1838-1839, John Lewis Russell, Wm. Prescott, H. Wheatland, Wm. P. Richardson, E.S.L. Richardson.
Not listed by Burns.
No more published.

Library has: Vol. 1 1_{No. 1} June, 1836: title page and contents, 1_i-iv. 1₁-44 (no volume or number). No. 2, June 1839: 1₄₅-107. No. 3, Mar. 1852: 1₁₀₉-135, 1 p. Index, pages 134-135. Covers.

Contains contributions in the fields of geology, botany, conchology, entomology, ichthyology, herpetology, and mammalogy. — J. Van Tyne.

ESSEX COUNTY ORNITHOLOGICAL CLUB. BULLETIN. Nos. 1-20, Dec. 1919-Dec. 1938. Salem, Massachusetts, Essex county ornithological club, 1919-1938.
23 cm.

Annual.

Editors: 1919-1930, a committee, Arthur P. Stubbs as head. 1931-1932, Ralph Lawson as head of editorial committee. 1933, Albert P. Morse.

1934, E. S. Dodge, S. G. Emilio, A. P. More, T. L. Southack, jr. were the committee. 1935, Ernest S. Dodge, S. G. Emilio, T. L. Southack, jr. 1936, E. S. Dodge, S. G. Emilio. 1937-1938, Donald C. Alexander, E. S. Dodge, S. G. Emilio.

1919-1926 numbered as volumes 1-8. 1927-1938 as numbers 9-20.

Number 16 was photolithographed instead of being printed.

No more expected to be published according to a note from J. L. Peters, September 26, 1949.

Library has: Index 1919-1928: \uparrow 1₁-13.

Vol. 1, No. 1, Dec. 1919: \uparrow 1₁-55.

Vol. 2, No. 1, Dec. 1920: \uparrow 1₁-54.

Vol. 3, No. 1, Dec. 1921: front. \uparrow 1₁-88.

Vol. 4, No. 1, Dec. 1922: \uparrow 1₁-69.

Vol. 5, No. 1, Dec. 1923: \uparrow 1₁-56.

Vol. 6, No. 1, Dec. 1924: \uparrow 1₁-56.

Vol. 7, No. 1, Dec. 1925: \uparrow 1₁-53.

Vol. 8, No. 1, Dec. 1926: \uparrow 1₁-72.

No. 9, Dec. 1927: \uparrow 1₁-71.

No. 10, Dec. 1928: \uparrow 1₁-64.

No. 11, Dec. 1929: front. \uparrow 1₁-86.

No. 12, Dec. 1930: \uparrow 1₁-89.

No. 13, Dec. 1931: \uparrow 1₁-72.

No. 14, Dec. 1932: \uparrow 1₁-54.

No. 15, Dec. 1933: \uparrow 1₁-56.

No. 16, Dec. 1934: \uparrow 1₁-37, and 22 pages mostly charts. (This number printed by photolithography.)

No. 17, Dec. 1935: \uparrow 1₁-63.

No. 18, Dec. 1936: \uparrow 1₁-64.

Nos. 19-20, Dec. 1937-1938: \uparrow 1₁-123, 2 pp.

Covers on all numbers.

Although much of the bulletin is devoted to distributional notes of local interest, there are many short papers and notes of general interest. Contributors include G. M. Allen, E. H. Forbush, C. J. Maynard, J. C. Phillips, and C. W. Townsend. — R. W. Storer.

EVENING GROSBEAK SURVEY NEWS. Vol. 1, No. 1-, Dec. 1950- .
Northampton, Massachusetts, 1950- .
28 cm.

Editors: B. M. and M. S. Shaub.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: Vol. 1, Nos. 1-6, Dec. 1950-May 1951: 1-26.

Vol. 2, Nos. 1-7, Dec. 1951-June 1952: 1-43.

Vol. 3, Nos. 1-5, Dec. 1952-Apr. 1953: 1-25.

EXCHANGE. Vols. 1-2, No. 4, Feb. 1885-April 1886. Adrian, Michigan, 1885-1886.

22 cm.

Monthly.

Editor: C. R. Burr. Later editors were E. J. Stebbins and Geo. W. Tripp.

According to Burns, volume 1, contained 12 numbers. He states that the last number of this volume is a triple number, number 10 on the cover and numbers 11 and 12 inside. Volume 2 contained 4 numbers according to the Union List. Volume 2 not listed by Burns.

No more published.

Library has: Vol. 1, No. 6, July 1885: 4 pp.

Contains an article "Hunting for Eiderdown," anon. — F. L. Burns.

EXCHANGE; a paper devoted to oology, taxidermy and ornithology.

Vol. 1, Nos. 1-4; Apr.-July 1889. Mendota, Illinois, Bunker & Park, 1889.

20½ cm.

Monthly.

In the Oologist's Exchange, Austin, Illinois, and New York City, volume 2, number 7, October 1889, it is stated: "With this issue we take up for a short time, the subscription list of the Exchange. Messr. Bunker & Park have been so busy of late with their Naturalist Supply and Taxidermy business that they could spare no time for their magazine. They will, as soon as the rush is over, resume the publication of the Exchange and greet their subscribers as cheerfully and heartily as of yore." Burns states in his entry for the Stormy Petrel, Mendota, Illinois, that, "it filled the unexpired subscriptions of the Exchange, evidently printed on the same press and type." This must have been after the Oologist's Exchange ceased publication, February 1890.

Editors: Bunker & Park.

No more published.

Library has: Vol. 1, Nos. 1-4, Apr.-July 1889: 8 pp. each.

The articles and notes are of extremely little value and for the most part, unsigned.— J. Van Tyne.

EXCHANGER AND COLLECTOR; a monthly magazine devoted to the interests of exchangers and collectors. Vol. 1-? Jan. 1885-?

Canajoharie, New York, Union exchange agency, 1885- .

24, 26 cm.

Monthly.

Title varies: volume 1, number 2 as the Exchangers' Aid.

Not listed by Burns.
No more published?

Library has: Vol. 1, No. 2, Feb. 1885: 1₁-16. No. 3, Mar. 1885:
1₁-16. Covers.

Devoted to exchanges. Nothing of value in the numbers in this library. Poorly printed.— M. Underwood.

FAMILIAR SCIENCE AND FANCIERS' JOURNAL; an illustrated magazine, devoted to the student of nature, and the interest of home.

Vols. 1-6, No. 12 (Nos. 1-190), 1874-Dec. 1879. Springfield, Massachusetts, J. M. Wade, 1874-1879.

32 cm.

Title varies: volumes 1-3 as Fancier's Journal and Poultry Exchange; volume 4 as Fanciers' Journal and Land and Water; volumes 5-6 as Familiar Science and Fanciers' Journal.

Editor: Joseph M. Wade.

No more published.

Library has: Old series Vol. 5, title page and index 1_i-iv. Nos. 1-12, whole numbers 167-178, Jan.-Dec. 1878: 1₁-238. With Vol. 5, begins new series, Vol. 1. Whole numbers 169, 170, erroneously numbered 168 and 171. Covers.

Old series Vol. 6, new series, Vol. 2, title page and index, 4 pp., 1 pl., Nos. 13-24, whole numbers 179-190, Jan.-Dec. 1879: 1₁-204. Covers.

"The Birds of Connecticut" by William Wood, M.D., ran through both volumes 5-6. Also many articles and short items of interest on birds by John H. Sage, C. J. Maynard, Jos. M. Wade, Mary M. Hamlin, O. B. Deane, Wm. Wood, Edward W. Goodwin, V. M. Firor, C. W. Gedney, J. A. Allen, Henry Hales, Erwin E. Hulfish, Henry G. Venner, T.M. Brewer, George Ord. — G. S. Guion. (Volumes 5-6.)

FANCIERS' JOURNAL AND LAND AND WATER, see **FAMILIAR SCIENCE AND FANCIERS' JOURNAL**

FANCIER'S JOURNAL AND POULTRY EXCHANGE, see **FAMILIAR SCIENCE AND FANCIERS' JOURNAL**

FARM JOURNAL; official organ of the Liberty bell bird club. **EDUCATIONAL PAMPHLET**. Nos. 1-8. Philadelphia, Pennsylvania.
23 cm.

Issued in connection with the Farm Journal.
Not dated.

Probably no more published.

Library has: No. 1, "The Robin," 4 pp. No. 2, "Bird-Houses," 6 pp.
No. 3, "Attracting the Birds," 4 pp. No. 4, "Bird Enemies," 4 pp.
No. 5, "Henry Ford's Bird Sanctuary," 4 pp. No. 6, "Purple Martin," 4 pp. No. 7, "Hawks and Owls," 4 pp. No. 8, "Four Birds of Doubtful Value," 4 pp.

FARM, STOCK AND FIRESIDE. Vol. 1, Nos. 1-18, May 1901-Dec. 15, 1901. Sioux City, Iowa, Western publishing co., 1901.
37½ cm.

Bimonthly.

In May 1901 the Naturalist and Fancier's Review published by H.W. Kerr, Blencoe, Iowa, was purchased and incorporated with Farm, Stock and Fireside, which later merged into Farmer and Breeder.

Editor: A. C. Reinecke.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 4, May 15, 1901: 1,1-16.

FEATHER; a national journal devoted to poultry-pigeons-birds-etc.
Vols. 1-17, No. 3; Oct. 15, 1895-Apr. 1913. Washington, D. C.,
George E. Howard & co.; Feather publishing co., 1895-1913.

Size varies. Volumes 1-2, 24½ cm.

Monthly.

Editor: George E. Howard. Plummer McCullough temporarily took over the editorial duties in February 1913, due to the illness of Howard.

Union List states that it ceased publication with volume 17, number 3, April 1913.

Not listed by Burns.

Library has: Vol. 1, Nos. 2-12, Nov. 1895-Sept. 1896: 1,3,1-457, 7 pls. Covers.

Vol. 2, Nos. 1-3, Oct.-Dec. 1896: 1,9,1-160, 3 pls. Covers.

The department devoted to birds contributed by Dr. F. H. Knowlton, U. S. National Museum. — G. S. Guion.

FEATHERS . . . Vol. 1, No. 1- , June 1939- . 1Schenectady, N.Y.,
Schenectady bird club, 1939- .

Illus. (incl. diags., charts, maps). 21 cm.

Monthly.

Editors: June 1939-July 1940, Barrington S. Havens. August 1940-

February 1942, Guy Bartlett. March 1942-March 1944, Mrs. Anna Dickerman. April 1944-, Guy Bartlett.
Lithoprinted.

Library has: Vol. 1, Nos. 1-7, June-Dec. 1939: 1-36.
Vol. 2, Nos. 1-12, Jan.-Dec. 1940: 1-64 and page 22 A. Supp. (photograph).
Vol. 3, Nos. 1-12, Jan.-Dec. 1941: 1-102, index, 2 pp.
Vol. 4, Nos. 1-12, Jan.-Dec. 1942: 1-110, index, 2 pp.
Vol. 5, Nos. 1-12, Jan.-Dec. 1943: 1-82, index, 1 p. and text, 5 pp.
Vol. 6, Nos. 1-12, Jan.-Dec. 1944: 1-94, index, 1 p. and text, 1 p.
Vol. 7, Nos. 1-12, Jan.-Dec. 1945: 1-92, index, 1 p. and text, 1 p.
Vol. 8, Nos. 1-12, Jan.-Dec. 1946: 1-94, index, 1 p. and text, 1 p.
Vol. 9, Nos. 1-12, Jan.-Dec. 1947: 1-106, index, 1 p. and text, 1 p.
Vol. 10, Nos. 1-12, Jan.-Dec. 1948: 1-98, index, 1 p. and text, 1 p.

Brief notes on the occurrence of birds, mainly of a local nature.
— P. Brodtkorb.

FEDERATION OF ONTARIO NATURALISTS. PUBLICATIONS. Nos. 1-2, 1933, 1934. Toronto, Ontario, 1933, 1934.
22½ cm.

The Publications issued appeared as annuals.

The federation now issues only a circular to members published at irregular intervals, it concerns the activities of the organization.
Editors: The executive committee, 1933-1934; president, W. E. Saunders, secretary-treasurer, H. K. Gordon, honorary secretary-treasurer, A. F. Coventry. Committee, A. W. Baker, G. S. Bell, J. R. Dymond, H. C. Nunn, L. L. Snyder, G. M. Stirrett, G. Toner.
No more published.

Library has: No. 1, 1933; 3-19. No. 2, Feb. 1934: 3-19. Covers.

These numbers are devoted to a history of the federation and discussions of its problems and policies. — J. Van Tyne.

FIELD AND FOREST; a monthly journal devoted to the natural sciences. Bulletin of the Potomac-side naturalists' club. Vols. 1-3, No. 12, June 1875-June 1878. Washington, D. C., The Columbia press, 1876-1878.

Illus. 24½ cm.

Monthly.

Title of volume 1: Field and Forest, Devoted to General Natural History.

Editor: Charles R. Dodge.

Each volume contained 12 numbers, some double numbers.

Listed by Burns.

No more published.

Library has: Vol. 1, title page and contents, i-iv. Nos. 1-12, June 1875-May 1876: 1₁-96, 1 pl. Covers. (Nos. 3-4, 5-6, 8-9, 10-11, double numbers).

Vol. 2, title page and contents, 1₁-5. Nos. 1-12, July 1876-June 1877: 1₁-220, 3 pls. Covers.

Vol. 3, title page, 1 l. Nos. 1-12, July 1877-June 1878: 1₁-172, 1 pl., index, 2 pp. Covers. (Nos. 7-8 double number, 10-12 a triple number).

One of the most important biological periodicals of its time. Contains a number of valuable contributions to botany, anthropology, and zoology.

Burns states that "the ornithological notes, papers and communications by J. A. Allen, M. E. Banning, W. H. Ballou, J. J. Checkering, Elliott Coues, H. W. Henshaw, W. L. Jones, Pierre Louis Jouy, Ludovic Kumlein, Robert R. McLeod, D. W. Prentiss, G. H. Ragsdale, W. F. Roberts, Robert Ridgway, David Scott, R. W. Shufeldt, N. B. Webster, and Lester F. Ward are of more or less importance as the names would imply."

Volume 3 contains papers by P. L. Jouy, "Field Notes on some of the Birds of the District of Columbia"; J. A. Allen, "Asymmetrical Coloration in Feral Animals," omitted from the J. A. Allen bibliography; H. W. Henshaw, "Habits of *Selasphorus alleni* in California"; W. H. Ballou, "The Natural History of the Islands of Lake Erie"; and descriptions of new North American Lepidoptera, by W. H. Edwards. — J. Van Tyne.

FIELD ORNITHOLOGY; a monthly magazine of amateur ornithology.

Vols. 1-3, No. 2, Dec. 1938-Feb. 1941. Mount Lookout, West Virginia, 1938-1941.

Illus. 21½, 23 cm.

Monthly.

A sample number was issued November 1, 1938.

Editors: December 1938-October 1939, Don Eckelberry, Ralph O'Reilly, Milton Seibert, Wm. C. Legg. November 1939, Moffitt Howell was added to the list of editors. January 1940, G. H. Deutschlander was added.

According to a note from W. Legg, the war interrupted the publication and it never was resumed.

No more published.

Library has: Vol. 1, Nos. 1-12, Dec. 1938-Dec. 1939: 1₁-17, 1₁-11, 1₁-15, 1₁-19, 1₁-18, 1₁-14, 1₁-12. 1₁-12, 1₁-8, 1₁-12, 1₁-12, 1₁-24. Sample number also called Vol. 1, No. 1, Nov. 1938: 1₁-12.

Vol. 2, Nos. 1-12, Jan.-Dec. 1940: 1₁-134, incl. 2 pls.

Vol. 3, Nos. 1-2, Jan.-Feb. 1941: 1₁-18, 1 pl.

Covers on each volume included in paging.

Contains field notes, hints on identifying birds, conservation pleas, and other material. The contributors are from all sections of the country. — P. Brodtkorb.

FLICKER. Vol. 1, No. 1- , 1Mar., 1929- . Minneapolis, Minnesota, 1929- .
23, 28 cm..

Bimonthly 1929-1930. Quarterly 1931- .

May-April 1929 organ of the Upper Mississippi Bird Club.

May 1929-December 1937, organ of the Minnesota Bird Club.

May 1938 - organ of the Minnesota Ornithologists' Union.

Editors: 1929-1930, Sterling Brackett. 1931-September 1932, Gustav Swanson. 1October, 1932-December 1933, Alden Risser. February 1934-December 1934, Ralph Woolsey. February- December 1935, Gustav Swanson. February 1936-December 1937, George Rysgaard. May 1938-May 1939, Charles Evans. December 1939-October 1945, Arnold Erickson. December 1945-June 1948, Severena C. Holmberg. September 1948-June 1951, Dwain W. Warner. September 1951-, Pershing B. Hofslund.

Mimeographed on one side of page from typewritten sheet, volumes 1-8. With volume 9, printed and size reduced from 28 cm. to 23 cm.

Library has: Vol. 1, Nos. 1-5, 1Mar.,-Dec. 1929: Nos. 1-3, 4 pp., 8 pp., 5 pp.; Nos. 4-5 paged separately, 11-13, 1-7.

Vol. 2, Nos. 1-6, Jan.-Dec. 1930: 11-50. (Nos. 4-5 a double number).

Vol. 3, Nos. 1-4, 1Apr.? 1Dec.? 1931: 1-28.

Vol. 4, Nos. 1-4 1Feb.,-1Dec., 1932: 1-46, 1 pl.

Vol. 5, Nos. 1-4, Feb.-Dec. 1933: 11-61.

Vol. 6, Nos. 1-4, Feb.-Dec. 1934: 11-75, 1 pl.

Vol. 7, Nos. 1-4, Feb.-Dec. 1935: No. 1, 11-7, No. 2-4, 11-35, (Nos. 2-4, a triple number).

Vol. 8, Nos. 1-4, Feb.-Dec. 1936: 11-52.

Vol. 9, Nos. 1-4, Mar.-Dec. 1937: No. 1, 12 pp.; Nos. 2-4 each paged separately, 1-12. (Nos. 3-4 a double number).

Vol. 10, Nos. 1-4, May, Dec. 1938: paged separately 11-12, incl. front., 11-16. (Nos. 1-2, 3-4, double numbers).

Vol. 11, Nos. 1-4, May, Dec. 1939: 11-24, incl. front. (Nos. 1-2, 3-4, double numbers).

Vol. 12, Nos. 1-4, May-Dec. 1940: 1-52, incl. front. (port). (Nos. 1-2, a double number).

Vol. 13, Nos. 1-4, Mar.-Dec. 1941: 11-38. (Nos. 3-4, a double number).

Vol. 14, Nos. 1-4, Mar.-Dec. 1942: 1-56. (Nos. 2-3, a double number).

Vol. 15, Nos. 1-4, May-Dec. 1943: 1-59. (Nos. 1-2, a double number).

Vol. 16, Nos. 1-4, Mar.-Dec. 1944: 1-89.

Vol. 17, Nos. 1-4, Mar.-Dec. 1945: 1-97.

Vol. 18, Nos. 1-4, Mar.-Dec. 1946: 1-114.

Vol. 19, Nos. 1-4, Mar.-Dec. 1947: 1-120.

Vol. 20, Nos. 1-4, Mar.-Dec. 1948: 1-113, incl. pl.

Vol. 21, Nos. 1-4, Mar.-Dec. 1949: 1-121.

Vol. 22, Nos. 1-4, Mar.-Dec. 1950: 1-131.

Vol. 23, Nos. 1-4, Mar.-Dec. 1951: 1-94.

Covers on each volume from Vol. 1, No. 3.

Although primarily concerned with the birds of Minnesota and biological data on Minnesota ornithologists, this journal frequently publishes short papers of more general interest. — R. W. Storer.

FLORIDA AUDUBON BULLETIN. Vols. 1-7, No. 2, Apr. 1919-Mar. 1925. Winter Park, Palatka, St. Petersburg, Florida, Florida Audubon society, 1919-1925.
23 cm.

Quarterly. In volume 4, number 1, March 1922, it is stated that "a year has elapsed since the last issue of the Bulletin. In the beginning we had hoped to issue four numbers each year but high cost of printing and lack of funds have prevented." According to information from R. J. Longstreet, editor of the Florida Naturalist, the first Florida Audubon Bulletin was published in April 1919, and the last number appeared in March 1925. He states that "the Florida Audubon Bulletin was apparently intended as a quarterly publication but according to the records I have, only 13 numbers were issued between the dates given."

No more published.

Library has: Vol. 1, Nos. 1-3, Apr., July, Oct. 1919.

Vol. 2, No. 2, July 1920.

Vol. 3, No. 3, Mar. 1921.

Vol. 4, Nos. 1-2, Mar., May 1922.

Vol. 5, Nos. 1-2, May, Nov. 1923.

Vol. 6, No. 1, 3, Jan., Oct. 1924.

Vol. 7, Nos. 1-2₁, Jan., Mar. 1925. (No. 2 erroneously numbered Vol. 6, No. 5).

Each number 4 pp.

Almost entirely devoted to the affairs of the society. — R. W. Storer.

FLORIDA NATURALIST. New ser., Vol. 1, No. 1- , Oct. 1927- . Daytona Beach, Florida, Florida Audubon society, 1927- .
Illus. 23½ cm.

Quarterly.

Organ of the Florida Audubon Society.

Old series: volumes 1-7, April 1919-March 1925, as the Florida Audubon Bulletin.

Published in co-operation with the National Association of Audubon Societies.

Editor: October 1927-October 1949, R. J. Longstreet. Jan. 1950- , Merritt C. Farrar.

New series, volume 1- also called old series, volume 7- .

Library has: New series: Vol. 1, Nos. 1-4, Oct. 1927, Jan.-July 1928: 1₁-92.

Vol. 2, Nos. 1-4, Oct. 1928, Jan.-July 1929: 1₁-108.

Vol. 3, Nos. 1-4, Oct. 1929, Jan.-July 1930: 1₁-108.

Vol. 4, Nos. 1-4, Oct. 1930, Jan.-July 1931: 1₁-100.

Vol. 5, Nos. 1-4, Oct. 1931, Jan.-July 1932: 1₁-76. (Nos. 2-3, a double number).

Vol. 6, Nos. 1-4, Oct. 1932, Jan.-July 1933: 1₁-76.

Vol. 7, Nos. 1-4, Oct. 1933, Jan.-July 1934: 1₁-68.

Vol. 8, Nos. 1-4, Oct. 1934, Jan.-July 1935: 1₁-72.

Vol. 9, Nos. 1-4, Oct. 1935, Jan.-July 1936: 1₁-88.

Vol. 10, Nos. 1-4, Oct. 1936, Jan.-July 1937: 1₁-96.

Vol. 11, Nos. 1-4, Oct. 1937, Jan.-July 1938: 1₁-104.

Vol. 12, Nos. 1-4, Oct. 1938, Jan.-July 1939: 1₁-112.

Vol. 13, Nos. 1-4, Oct. 1939, Jan.-July 1940: 1₁-92.

Vol. 14, Nos. 1-4, Oct. 1940, Jan.-July 1941: 1₁-96.

Vol. 15, Nos. 1-4, Oct. 1941, Jan.-July 1942: 1₁-68. (Change of cover beginning with No. 2).

Vol. 16, Nos. 1-4, Oct. 1942, Jan.-July 1943: 1₁-76.

Vol. 17, No. 1, Oct. 1943: 1₁-20.

Vol. 18, Nos. 3-4, Apr.-July 1945: 1₃₇-69.

Vol. 19, Nos. 1-4, Oct. 1945, Jan.-July 1946: 1₁-69.

Vol. 20, Nos. 1-4, Oct. 1946, Jan.-July 1947: 1₁-60.

Vol. 21, Nos. 1-4, Oct. 1947, Jan.-July 1948: 1₁-80.

Vol. 22, Nos. 1-4, Oct. 1948, Jan.-July 1949: 1₁-95.

Vol. 23, Nos. 1-5, Oct. 1949, Jan.-Oct. 1950 1₁-130. (A new cover design appears with this volume).

Covers on each volume.

The majority of contributions are on ornithology, many illustrated with excellent photographs. Of particular interest are reports on the bird colonies of the Dry Tortugas. Also contains papers on conchology, entomology (Odonata), herpetology, and paleontology. Contributors include: C. F. Byers, W. G. Fargo, E. R. Greene, S. A. Grimes, E. G. Holt, A. H. Howell, R. J. Longstreet, C. J. Maynard, D. J. Nicolson, C. J. Pennock, A. Sprunt, F. M. Weston. — R. W. Storer.

FLORIDA WEST COAST BIRD NEWS. Vol. 1, No. 1-5? July 1937-July 1941. St. Petersburg, Florida. Florida west coast bird club, 1937-1941.
28 cm.

Quarterly.

Publishing committee: Edna Hoffman.

Mimeographed.

According to information from Mr. William G. Fargo, the publication discontinued because of the war. As far as can be determined the last number was volume 1, number 5.

No more published.

Library has: Vol. 1, Nos. 1-4, July, Oct. 1937, Jan., Apr. 1938:

1₁-11, 1₁-12, 1₁-11, 1₁-12.

Vol. 2, Nos. 1-4, July, Oct. 1938, Jan., Apr. 1939: 1₁-12, 1₁-14,

1₁-16, 1₁-12.

Vol. 3, Nos. 1-4, July, Oct. 1939, Jan., Apr. 1940: 1₁-14, 1₁-10,

1₁-12, 1₁-10.

Vol. 4, Nos. 1-4, July, Oct. 1940, Jan., Apr., 1941: 1₁-10, 1₁-10,

1₁-10, 1₁-12.

Vol. 5, No. 1, July 1941: 1₁-12.

Consists mainly of news items, proceedings, and census reports. Contains a list of the birds of West Florida. — P. Brodtkorb.

FORBUSH BIRD CLUB, see CHICKADEE

FOREST AND FIELD. Vol. 1, Nos. 1-10, June 1892-Mar. 1893.

Gilbertsville, Edmeston, Otsego county, New York, Pope & Kellogg, 1892-1893.

24 cm.

Monthly.

Editors: Will Pope and L. J. Kellogg.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-10, June 1892-Mar. 1893: 1₁-86.

Numbers 7 and 9 contain notes by Nathan L. Davis and Ed Doolittle on New York and Ohio birds. — J. Van Tyne.

GEOLOGIST'S GAZETTE; a monthly journal devoted to the natural sciences, but especially to geology. Vol. 1, Nos. 1-12? Aug. 1887-Sept. 1888? Wichita, Kansas, F. R. Stearns; Elkader, Iowa, Gazette publishing co., 1887-1888?

Illus. 22 cm.

Monthly.

With volume 1, number 4, June 1888, it was announced that the Geologist's Gazette was filling the subscription list of the Young Geologist of Oskaloosa, Iowa.

Editor: Fred R. Stearns.

Covers were added with the September 1888 number. Volume 1, numbers 7-8, April-May 1888, a double number. With this number the place of publication changed to Elkader, Iowa. Nothing was published in October and November 1887, due to a dishonest printer. Number 3 appeared in December 1887.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 9, June 1888: 8 pp.

Volume 1, numbers 9-10 contain an article on "The Caprimulgidae of Michigan" by Scolopax R. M. Gibbs of Kalamazoo, Michigan.

Volume 1, numbers 1-12 examined, — J. Van Tyne.

GEORGIA ORNITHOLOGICAL SOCIETY. OCCASIONAL PAPERS, see
GEORGIA ORNITHOLOGICAL SOCIETY. OCCASIONAL PUBLICATION

GEORGIA ORNITHOLOGICAL SOCIETY. OCCASIONAL PUBLICATION.

No. 1- . Feb. 1938- . Atlanta, Georgia, 1938- .

21, 22, 23½ cm.

Published irregularly.

Title varies: Number 1 as its Occasional Papers.

Library has: No. 1, Feb. 1938: "Birds of Athens County, Georgia," by Thos. D. Burleigh, 1-35. No. 2, 1945: "Birds of Georgia, a Preliminary Check-list and Bibliography of Georgia Ornithology," compiled by E. K. Greene, W.W. Griffin, E.P. Odum, H.L. Stoddard, I.R. Tomkins, with a "Historical Narrative" by E.E. Murphy, front. 1-8, 11, incl. a map. Covers. No. 3, 1951: "Distribution and Populations of Summer Birds in Southwestern Georgia," by Robert A. Norris, front., 4 pp., 1-67. Covers.

GLEANINGS FROM NATURE, see JACOBS, JOSEPH WARREN.
GLEANINGS

GOLDEN STATE SCIENTIST; a monthly journal devoted to zoology, geology, archaeology, botany, numismatics and philately. Vol. 1, No. 1- , Oct. 1886 - Aug. 1887. Riverside, California, E. M. Haight, 1886, 1887.

22½ cm.

Monthly.

Subtitle varies.

Editor: E. M. Haight.

Burns states that the number which was published in August 1887, also called volume 1, number 1, was suppressed.

No more published.

Library has: Vol. 1, No. 1, Oct. 1886: 1-8. Covers.

Contains a contribution on Antrostomus carolinensis by D. L. Foxhall of Oxford, N. C. — J. Van Tyne.

GOSHAWK; publication of the Genesee ornithological society. Vol. 1, No. 1-; Jan. 1946- . Rochester, New York, 1946- .
28 cm.

"Ornithological section of the Rochester Academy of Science."

Editors: Jan. 1948-July 1949, Albert W. Bussewitz.

August 1949-June 1951, Reginald W. Hartwell. January 1952- , publications committee, Joseph W. Taylor, chairman.

Mimeographed on one side of leaf only from typewritten sheet.

With volume 5, number 2, lithoprinted.

Cover design of Goshawk by Fred Hall.

Library has: Vol. 1, Nos. 1, 3-5, Jan.-Dec. 1948: 14 pp.; 19 pp., front. (photograph); 17 pp.; 14 pp. (No. 2 lacking.)

Vol. 2, Nos. 1-5, Jan.-Dec. 1949: Nos. 1-2, 16 pp. each; Nos. 3-4, each paged 1-14; No. 5, 1-12, incl. an index to Vol. 1.

Vol. 3, Nos. 1-4, Jan.-Dec. 1950: 1-15, incl. an index to Vol. 2; 1-12, 1-13, 1-12. (Complete in 4 numbers?).

Vol. 4, Nos. 1-2, Jan.-June 1951: 1-13, incl. an index to Vol. 3; 1-10. (Complete in 2 numbers?).

Vol. 5, Nos. 1-5, Jan.-Dec. 1952: 1, 1-62. (Paging erroneous in No.3). Covers on each volume.

This publication deals largely with notes on the birds and birders of the region around Rochester, New York. — R. W. Storer.

GRAND CANYON NATURAL HISTORY ASSOCIATION. NATURAL HISTORY BULLETIN. No. 1- , June 1935-. Grand Canyon, Arizona. 1935- .

Illus. 21 cm.

Published irregularly.

Editor: Edwin D. McKee. Advisory Council: Educational development; John C. Merriam and Harold S. Colton. Geology: Francois E. Matthes. Paleontology: Charles E. Resser and Charles W. Gilmore.

Mammalogy: Vernon Bailey. Ornithology: Florence M. Bailey.

Herpetology: L. M. Klauber. Botany: Forrest Shreve. Entomology: Frank Lutz. Ethnology: Clark Wissler. Archeology: Harold S. Gladwin and Jesse L. Nusbaum.

Photolithoprinted.

Library has: No. 1, June 1935: 1 l., 1-42. No. 2, Nov. 1935: 2 pp., 1-22. No. 3, Mar. 1936: 2 pp., 1-69. No. 4, Mar. 1936: 1 l., 1-17.

No. 5, May 1936: 2 pp., 1-26. No. 6, June 1936: 1 p., i-ix, 1-75.

No. 7, Aug. 1936: 3 pp., 1-19, i-iv, 1 pl. No. 8, July 1937: 2 pp.,

1-55. No. 9, July 1938: 1-54. No. 10, Jan. 1947: 5 pp., 1-126.

No. 11, Sept. 1950: title page, 1 l., contents, 1 p., front., 1-52,

fold. map. Covers.

Each number is devoted to a popular monograph on the mammals, trees, birds, geology, or history, etc. of the Grand Canyon region.

— J. Van Tyne.

"GREELY" A JOURNAL OF NATURAL SCIENCE, see TRUTHS OF NATURE

GREENWICH BIRD PROTECTIVE SOCIETY. ANNUAL REPORT.

No. 1, 1915. Greenwich, Connecticut, 1915.

23 cm.

This report was published with an article called "How to Attract Wild Birds about the Home," by Niel Morrow Ladd.

No more published.

Library has: No. 1, 1915: front. 1, 1-68. Covers.

GREETINGS FROM NATURE; a monthly magazine devoted to science and collecting. Vol. 1- ? June 1885- ? Wareham, Massachusetts, A. H. Hammond, 1885- ?

23 cm.

Monthly.

Editor: A. H. Hammond.

No information obtained concerning this magazine.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, June 1885: 1, 1-8. Covers.

GULF COAST MIGRANT. 1 No. 1, 1-1936, - . Houston, Texas, 1936- .
35 cm.

Monthly.

Editor: George G. Williams.

Mimeographed.

Library has: Nos. 1, 1-39, 52-53, 58, 1, 1936, 1-1943, 1945-1947. Each number paged separately, varying from 2 to 8 pages each. (Nos. 27 and 28 erroneously numbered 26 and 27.)

Much data from observers on migration. Interesting. — G. S. Guion.

GULL; monthly bulletin, Audubon association of the Pacific. Vol. 1- ,
Jan. 1919- . San Francisco, California 1, 1919- .
22 cm.

Monthly.

Editors: January 1919, C.B. Lastreto. February 1919-August 1926, A.S. Kibbe. September 1926-1927, Mrs. Junea W. Kelly. 1928-August 1929, Chas. A. Bryant. September 1929-February 1942, Mrs. Albert B. Stephens. March 1942-April 1944, Mrs. T. Eric Reynolds.

May 1944-July 1944, Ruth Elwonger. August 1944-May 1946, Clelia A. Paroni. June 1946-February 1946, Grace Irene Crowe. March 1948-, Minnie H. Young.

Library has: Vol. 1, Nos. 1-12, Jan. 1919-Dec. 1919. (No. 1, a photostat copy).

Vol. 2, Nos. 1-12, Jan. 1920-Dec. 1920. (No. 9, a photostat copy).

Vol. 3, Nos. 1-12, Jan. 1921-Dec. 1921.

Vol. 4, Nos. 1-12, Jan. 1922-Dec. 1922.

Vol. 5, Nos. 1-12, Jan. 1923-Dec. 1923.

Vol. 6, Nos. 1-12, Jan. 1924-Dec. 1924.

Vol. 7, Nos. 1-12, Jan. 1925-Dec. 1925.

Vol. 8, Nos. 1-12, Jan. 1926-Dec. 1926.

Vol. 9, Nos. 1-12, Jan. 1927-Dec. 1927.

Vol. 10, Nos. 1-12, Jan. 1928-Dec. 1928. (Supp. to No. 9, a chart, "Identification Marks of Adult Gulls of San Francisco Bay," by Joseph Mailliard, 1 p.)

Vol. 11, Nos. 1-12, Jan. 1929-Dec. 1929.

Vol. 12, Nos. 1-12, Jan. 1930-Dec. 1930.

Vol. 13, Nos. 1-12, Jan. 1931-Dec. 1931.

Vol. 14, Nos. 1-12, Jan. 1932-Dec. 1932.

Vol. 15, Nos. 1-12, Jan. 1933-Dec. 1933.

Vol. 16, Nos. 1-12, Jan. 1934-Dec. 1934.

Vol. 17, Nos. 1-12, Jan. 1935-Dec. 1935.

Vol. 18, Nos. 1-12, Jan. 1936-Dec. 1936.

Vol. 19, Nos. 1-12, Jan. 1937-Dec. 1937.

Vols. 1-19, each number 4 pp.

Vol. 20, Nos. 1-12, Jan. 1938-Dec. 1938: 1, 48.

Vol. 21, Nos. 1-12, Jan. 1939-Dec. 1939: 49-93.

Vol. 22, Nos. 1-12, Jan. 1940-Dec. 1940: 1-48.

Vol. 23, Nos. 1-12, Jan. 1941-Dec. 1941: 1-44.

Vol. 24, Nos. 1-12, Jan. 1942-Dec. 1942: 1-48.

Vol. 25, Nos. 1-12, Jan. 1943-Dec. 1943: 1, 50. (Pages 1-4, erroneously numbered 49-52.)

Vol. 26, Nos. 1-12, Jan. 1944-Dec. 1944: 1-48.

Vol. 27, Nos. 1-12, Jan. 1945-Dec. 1945: 1-47.

Vol. 28, Nos. 1-12, Jan. 1946-Dec. 1946: 1-48.

Vol. 29, Nos. 1-12, Jan. 1947-Dec. 1947: 1-48.

Vol. 30, Nos. 1-12, Jan. 1948-Dec. 1948: 1-44.

Vol. 31, Nos. 1-12, Jan. 1949-Dec. 1949: 1-48.

Local bird notes and news items. — P. Brodkorb.

HALIFAX RIVER BIRD CLUB. BULLETIN. Nos. 1-4, 1924-1926.

Daytona and Daytona Beach, Florida, Halifax River bird club, 1924-1926.

22½ cm.

Published irregularly.

Editor: Most of the numbers were prepared by R. J. Longstreet and a letter (1950) from him states that they are now out of print.

No more published.

Library has: No. 2, Feb. 1924: "The Birds of Volusia County, Florida," by Mrs. H. A. Ainsworth and R. J. Longstreet, 1₁-14. No. 3, Feb. 1925: (Supplement to No. 2) "The Birds of Volusia County," by R. J. Longstreet, 3 pp. No. 4, Feb. 1926: "Additional Data on the Birds of Volusia County, Florida," by R. J. Longstreet, 1₁-6, 2 pp.

HARTFORD BIRD STUDY CLUB. BIRDLAND NOTES. Apr. 5, 1934-Oct. 5, 1938. Hartford, Connecticut, 1934-1938.

28 cm.

Quarterly.

Editor: George T. Griswold.

Four numbers per year were published, except the last year when three numbers only were issued.

Mimeographed on one side of leaf only.

No more published.

Library has: 1₁ Vol. 1, Nos. 1-4, Apr. 1934-Jan. 1935: 1₁-3, 1₁-5, 1₁-5, 1₁-5.

1₁ Vol. 2, Nos. 1-4, Apr. 1935-Jan. 1936: 1₁-6, 1₁-6, 1₁-4, 1₁-5.

1₁ Vol. 3, Nos. 1-4, Apr. 1936-Jan. 1937: 1₁-5, 1₁-6, 1₁-4, 1₁-5.

1₁ Vol. 4, Nos. 1-4, Apr. 1937-Jan. 1938: 1₁-5, 1₁-6, 1₁-5, 1₁-6.

1₁ Vol. 5, Nos. 1-3, Apr.-Oct. 1938: 1₁-6, 1₁-6, 1₁-5.

All articles are by the editor and are informative and interesting.

— G. S. Guion.

HAWK AND OWL SOCIETY. ANNUAL REPORT, see HAWK AND OWL SOCIETY. BULLETIN

HAWK AND OWL SOCIETY. BULLETIN. Nos. 1-5, Nov. 1932-June 1935. Upper Montclair, New Jersey. New York City, Urner-Barry co. 1932-1935.

Illus. 23 cm.

Annual.

With bulletin number 3 the first annual report appeared.

Editor: Warren F. Eaton, of Upper Montclair, New Jersey.

No more published.

Library has: No. 1, Nov. 1932: 2 pp. No. 2, Jan. 1933: 4 pp. No. 3 (annual report 1), Mar. 1933: 1₁-36. No. 4 (annual report 2), June 1934: 1₁-29. No. 5 (annual report 3), June 1935: 1₂-31. Covers on Nos. 3-5.

Contains accounts of the activities of the society and articles and letters to show the desirability of preserving hawks and owls.

— J. Van Tyne.

HAWK MOUNTAIN SANCTUARY ASSOCIATION. ANNUAL REPORT. 1-, 1938- . Drehersville, Pennsylvania, 1938- . 28 cm.

Editor: Mrs. C. N. Edge.

Report number 9 was sent out with volume 10, number 11, 1947, of EBBA News, as well as being published separately.

Library has: Nos. 1-11, 1938-1949: Nos. 1-9, 11, 4 pp. each; No. 10, 8 pp.

HAWKEYE O AND O., see HAWKEYE ORNITHOLOGIST AND OOLOGIST

HAWKEYE ORNITHOLOGIST AND OOLOGIST; a monthly magazine devoted to ornithology and kindred subjects and geology. Vols. 1-2, No. 9, Jan. 1888-Sept. 1889. Cresco, Iowa, Webster and Mead, 1888-1889.

Illus. 21-23, 30 cm.

Monthly.

Burns states that "the title was displaced in number 5 by an engraved portrait of the Snowy Owl which in turn gave place to the title The Hawkeye O and O and a portrait of the European buzzard taken from Coues' Key." A complete history of this magazine is given in the Wilson Bulletin, volume 50, number 1, March 1938.

Editors: January-September 1888, E.B. Webster and F.D. Mead. October 1888-September 1889, E.B. Webster.

The size changed from 23 cm. in volume 1, numbers 1-4 to 30 cm. with number 5. Volume 2 was reduced to 21-22 cm.

Volume 1 contains numbers 1-12 and volume 2, numbers 1-9.

No more published.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1888: 1-134. Covers. (Nos. 11-12, a double number).

Vol. 2, Nos. 1-9, Jan.-Sept. 1889: 1₁-84. Covers. (Nos. 7-8, a double number. No. 2 erroneously marked No. 1 on cover).

Articles by W.C. Brownell, Oliver Davie, W.H. Davis, J.D. Ford, R.M. Gibbs, J. Warren Jacobs, W.L. Kells, L.O. Pindar, Neil F. Posson, W.E. Pratt, J.B. Purdy, Walter Raine, C.S. Schick, J.A. Singley, Thaddeus Surber, W.S. Strode, E.G. Ward, J. Claire Wood, and others. — F. L. Burns.

HAWKEYE STATE COLLECTOR, see COLLECTOR'S WEEKLY

HERON; proceedings of the Woodmere academy bird club. Nos. 1-2, 1930, 1932. Woodmere, New York, 1930, 1932.
27 cm.

Annual.

Editor: Faculty adviser, David E. Harrower.

No more published.

Library has: No. 1, 1930: 1 l., front., 1-41, 2 pls. Covers.

No. 2, 1932: front., 1-42. Covers.

Devoted largely to the birds and butterflies of the New York City region. In addition, there are articles on the birds of Cobbs Island, Virginia, and of Maine. — J. Van Tyne.

HOLDEN'S BIRD MAGAZINE, an illustrated monthly. Vol. 1, Nos. 1-12, Nov. 1881-Oct. 1882. New York, 1881-1882.
25 cm.

Monthly.

Editor: George H. Holden.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 10, Aug. 1882: 145, -160, incl. pls. Covers.

Devoted principally to cage birds. — G. S. Guion.

HOOSIER NATURALIST, see KANSAS CITY SCIENTIST

HOWE, REGINALD HEBER, JR., see CONTRIBUTIONS TO NORTH AMERICAN ORNITHOLOGY

HUBBARD'S MAGAZINE Vols. 1-7, No. 2 (Nos. 1-50), Sept. 1886-Apr. 1890. Lake Village, New Hampshire, John M. Hubbard, 1886-1890.

24, 48 cm.

Published irregularly.

Title varies: Volumes 1-3, September 1886-August 1888, as Curiosity World. In September 1887, the Museum Bulletin, Lake Village, N.Y., was transferred to the Curiosity World. September 1888-February 1890, as Stamp World. March-April 1890, as Hubbard's Magazine.

Editors: Volumes 1-2, H.J. Miron; volume 3- , J.M. Hubbard. With volume 3, the size changed from 48 cm. to 24 cm.

No more published.

Library has: Vol. 1, Nos. 1-12, Sept. 1886-Aug. 1887: each number, 4 pp.

Vol. 2, Nos. 1-12, whole numbers 13-24, Sept. 1887-Feb. 1888: each number, 4 pp.

Vol. 3, whole numbers 25-30, Mar.-Aug. 1888: 1, 1-96. Covers.

Vol. 4, whole numbers 31-36, Sept. 1888-Feb. 1889: 1, 1-96. Covers.

Those who contributed excellent articles of interest on ornithology were: S. Estle Miller, Le Grand T. Meyer, C.P. Collins, Oliver Davie, Will M. Clemens, W. Ingram, W.H. Foote, L.O. Pindar, E.A. Philbrick, Charles R. Morrison, Horatio Hale, H.R. Taylor, H.J. Miron, J.W. Jacobs, Edwin Ward, Chas. T. Hepburn. With volume 4 the title changed to The Stamp World, devoted exclusively to philately, and subscribers "not interested in the science of philately can have the balance of subscription money returned to them." — G.S. Guion.

HUMMER; devoted to bird life. Vol. 1, Nos. 1-9, May 20, 1899- Mar. 28, 1900. Nebraska City, Nebraska, J. R. Bonwell, 1899-1900. 14½ cm.

Monthly. Numbers 8-9 bimonthly.

Subtitle varies.

Editors: J. Robin Bonwell and M. A. Carriker, jr.

Later numbers published by the Bonwell publishing company.

Burns states that he has not seen numbers 2-4, which seem to be scarce. Numbers 5-6 published as a double number.

No more published.

Library has: Vol. 1, Nos. 1, 2, 5-9, May 1899-Mar. 1900: each number paged separately 1, 1-24, 1 pl. Added to No. 8 is a supplement of 2 pp. Covers included in paging.

The notes are by J.R.B(onwell), M.A.C(arriker), Albert Ganier, Barton Nugent, C.H. Sleight, and R.P. Smithwick. — F. L. Burns.

ILLINOIS AUDUBON SOCIETY, see AUDUBON BULLETIN

ILLINOIS AUDUBON SOCIETY, see BY THE WAYSIDE

INDIANA AUDUBON BULLETIN, see INDIANA AUDUBON QUARTERLY

INDIANA AUDUBON QUARTERLY. No. 1- , 1920- . Crawfordsville, Indianapolis, Indiana, Indiana Audubon society, inc. 1920- . Illus. 23 cm.

Annual 1920-1949; quarterly 1950- .

Title varies: Indiana Audubon Bulletin, 1920-1930; Audubon Yearbook,

1931-1949; 1950, Indiana Audubon Quarterly (a temporary title); 1952, according to Howard Wright the title Indiana Audubon Quarterly is now considered permanent.

Editors: 1921, president, M. L. Fisher; 1923-24, president, A. H. Hadley; 1925-26, Frank C. Evans; 1927, president, Samuel E. Perkins III. 1928-1944, Earl Brooks; 1945, Margaret Knox; 1946-1947, Mildred Campbell; 1948- , Howard Wright.

The first number only was numbered; with 1921, spring and fall were used instead of numbers; the year only was listed from 1923-1934; with 1935, volume numbering is used.

Library has: No. 1, Jan. 1920: 7 pp.

Spring 1921: 1₁-24.

1922: (nothing published).

1923: 1₁-20.

1924: 1₁-26.

1925: 1₁-29.

1926: 1₁-26.

1927: front., 1-32, 4 pp.

1928-1929: 1₁-32.

1930: 1-64.

1931: 1-88, 2 fold. charts.

1932: 1-100.

1933: 1-108.

1934: 1-84.

1935: Vol. 13:1-98.

1936: Vol. 14:1-56.

1937: Vol. 15:1-98.

1938: Vol. 16:1-105.

1939: Vol. 17:1-95.

1940: Vol. 18:1-100.

1941: Vol. 19:1-58.

1942: Vol. 20:1-84.

1943: Vol. 21:1-44.

1944: Vol. 22: 1-60.

1945: Vol. 23: 1₁-55.

1946: Vol. 24: 1₁-76, 4 pls.

1947: Vol. 25: 1₁-71, 5 pls.

1948: Vol. 26: 1₁-78, 2 pls.

1949: Vol. 27: 1₁-84.

1950: Vol. 28, Nos. 1-4, Jan.-Oct.: 1₁-100.

1951: Vol. 29, Nos. 1-4, Jan.-Oct.: 1₁-80.

Covers on all except No. 1. Cover design varies from drawings by Fred T. Hall to photographs.

An excellent annual of the doings of the society and containing many interesting articles on birds. — G. S. Guion.

INKSPOT, see ORNILORE

INLAND BIRD BANDING NEWS; quarterly issued by the inland bird banding association. Vol. 1, No. 1- , June 1929- . Chicago, Illinois, Fargo, North Dakota, Collegetown, Indiana, Inland bird banding association, 1929- .

28 cm.

Quarterly, 1929-1941.

Bimonthly, February 1942- .

From 1942-1948 Inland Bird Banding News was also included in EBBA News.

Editors: June 1929-December 1930, J.W. Stack. September 1931-December 1938, Edward R. Ford. March 1939-December 1947, O.A. Stevens. February-April 1948, John W. Baechle. September 1949- , James B. Cope.

Mimeographed. With volume 23, number 5, lithoprinted.

Volume 1 contained only 3 numbers; volume 20, numbers 3-6, and volume 21, numbers 1-3, were issued in 1 number.

Not listed by Burns.

Library has: 1 Vol. 1, 1 No. 1, Nos. 2,3, June-Dec. 1929: 1 1-6, 1 1-16, 1 1-12.

Vol. 2, Nos. 1-4, Mar.-Dec. 1930: 1 1-8, 1 1-8, 1 1-7. (Nos. 3-4, a double number).

Vol. 3, Nos. 1-4, Mar.-Dec. 1931: 1 1-15, 1 1-13, 1-16, 1-14.

Vol. 4, Nos. 1-4, Mar.-Dec. 1932: 1-14, 1-13, 1-10, 1-19.

Vol. 5, Nos. 1-4, Mar.-Dec. 1933: 1-16, 1-12, 1-17, 1-16.

Vol. 6, Nos. 1-4, Mar.-Dec. 1934: 1-14, 1-17, 1-12, 1-10.

Vol. 7, Nos. 1-4, Mar.-Dec. 1935: 1-14, 1-12, 1-9, 1-16.

Vol. 8, Nos. 1-4, Mar.-Dec. 1936: 1-12, 1-11, 1-14, 1-12.

Vol. 9, Nos. 1-4, Mar.-Dec. 1937: 1-9, 1-12, 1 1-16, 1 1-12.

Vol. 10, Nos. 1-4, Mar.-Dec. 1938: 1 1-16, 1 1-14, 1-13, 1-14.

Vol. 11, Nos. 1-4, Mar.-Dec. 1939: 1 1-50.

Vol. 12, Nos. 1-4, Mar.-Dec. 1940: 1 1-36.

Vol. 13, Nos. 1-4, Mar.-Dec. 1941: 1 1-50.

Vol. 14, Nos. 1-6, Feb.-Dec. 1942: 1 1-45.

Vol. 15, Nos. 1-6, Feb.-Dec. 1943: 1 1-42.

Vol. 16, Nos. 1-6, Jan.-Dec. 1944: 1 1-43.

Vol. 17, Nos. 1-6, Feb.-Dec. 1945: 1 1-42.

Vol. 18, Nos. 1-6, Feb.-Dec. 1946: 1 1-42.

Vol. 19, Nos. 1-6, Feb.-Dec. 1947: 1 1-42.

Vol. 20, Nos. 1-6, Feb.-Sept. 1949: Nos. 1-2 paged continuously 1 1-10; Nos. 3-6 paged 1 1-9. (Nos. 3-6 and Vol. 21, Nos. 1-3 are all in one number).

Vol. 21, Nos. 1-3, Sept. 1949: 1 1-9. (Bound with Vol. 20, Nos. 3-6).

Nos. 4-6, Aug.-Dec. 1949: 1 1-15.

Vol. 22, Nos. 1-6, Feb.-Dec. 1950: 1 1-34.

Vol. 23, Nos. 1-6, Feb.-Dec. 1951: 1 1-40.

Mostly news items and summaries of numbers of birds banded.

— P. Brodtkorb.

INTERNATIONAL NATURALIST; a monthly magazine devoted to natural history. Vols. 1-? 1891-1892? Canisteo, New York, C. H. Hillman, 1891-1892? 20½, 25½ cm.

Appeared irregularly.

In Volume 2, number 4 (labeled number 5 on cover) it is stated that "The Maine Ornithologist & Oologist, formerly of Garland, Maine, has been consolidated with our former publication the Bittern and will be known in the future as The International Naturalist." The Empire State Naturalist had previously been consolidated with the Bittern, Canisteo, New York.

Editor: C. W. Hillman.

Burns and Union List do not give the numbers published. Casey A. Wood lists only the years 1891-1892, with no indication of the numbers published.

Library has: Vol. 2, No. 4 (labeled No. 5, on the cover), Jan. 1892: 121-26. No. 5, Aug. 1892: 8 pp. Covers.

Vol. 2, No. 5, Aug. 1892, contains a one column article on "The American Crow" by B.S. Bowdish. — J. Van Tyne.

IOWA BIRD LIFE. . . Vols. 1-7, No. 8, 1923- Oct./Dec. 1930; new ser., Vol. 1- , Mar. 1931- . Spirit Lake, Ames, Iowa City, Independence, Winthrop, Iowa, Iowa ornithologists' union, 1929- . Illus. 23½ (Vol. 7: 28½ cm.).

Quarterly. New series published during March, June, September, and December.

Title varies: Vols. 1-6, 1923-1928, 24 mimeographed letters were issued to members of the organization. (In new series volume 6, number 4, letters 15-24 were reprinted slightly shortened). Volume 7 (in continuation of the mimeographed series), February 1929-October/December 1930, as the Bulletin, Iowa Ornithologists' Union was the first printed Bulletin. Volume 1, March 1931, the title became Iowa Bird Life.

Editors: 1929, F.L.R. Roberts. 1931- , Fred J. Pierce.

Library has: Vol. 7, Nos. 1-8, Feb. 1929-Dec. 1930: 11-44. (No volume number for Nos. 1 and 3).

New series. Title page to volumes 1-5, 1 l. Vol. 1, Nos. 1-4, Mar.-Dec. 1931: 11-52.

Vol. 2, Nos. 1-4, Mar.-Dec. 1932: 11-60.

Vol. 3, Nos. 1-4, Mar.-Dec. 1933: 11-60.

Vol. 4, Nos. 1-4, Mar.-Dec. 1934: 11-56.

Vol. 5, Nos. 1-4, Mar.-Dec. 1935: 11-60 (No. 4 is an index to Vols. 1-5).

Title page to Vols. 6-10, 1 l.

Vol. 6, Nos. 1-4, Mar.-Dec. 1936: 11-56.

Vol. 7, Nos. 1-4, Mar.-Dec. 1937: 1₁-56.
 Vol. 8, Nos. 1-4, Mar.-Dec. 1938: 1₁-60.
 Vol. 9, Nos. 1-4, Mar.-Dec. 1939: 1₁-60.
 Vol. 10, Nos. 1-4, Mar.-Dec. 1940: 1₁-64. (No. 4 is an index to
 Vols. 6-10).

Title page to Vols. 11-15, 1 l.

Vol. 11, Nos. 1-4, Mar.-Dec. 1941: 1₁-76.
 Vol. 12, Nos. 1-4, Mar.-Dec. 1942: 1₁-64.
 Vol. 13, Nos. 1-4, Mar.-Dec. 1943: 1₁-72.
 Vol. 14, Nos. 1-4, Mar.-Dec. 1944: 1₁-80.
 Vol. 15, Nos. 1-4, Mar.-Dec. 1945: 1₁-65. (No. 4 is an index to
 Vols. 11-15).

Title page to Vols. 16-20, 1 l.

Vol. 16, Nos. 1-4, Mar.-Dec. 1946: 1₁-76.
 Vol. 17, Nos. 1-4, Mar.-Dec. 1947: 1₁-84.
 Vol. 18, Nos. 1-4, Mar.-Dec. 1948: 1₁-76.
 Vol. 19, Nos. 1-4, Mar.-Dec. 1949: 1₁-84.
 Vol. 20, Nos. 1-4, Mar.-Dec. 1950: 1₁-84. (No. 4 is an index to
 Vols. 16-20).

Contains many valuable observations on Iowa birds. — P. Brodtkorb.

IOWA NATURALIST. Vols. 1-3, No. 2, Aug. 1904-Apr. 1917. 1 Iowa
 City, Iowa, 1904-1917.
 23 cm.

Quarterly. Issued in January, April, July, and October.
 Many articles were reprinted. The article "June Flora of the
 Ocheyedan Mound" from volume 1, number 1 appeared in Plant
 World, October 1904. The article on "Additions to the Bibliography
 of Rafinesque" was reprinted in an edition of 25 copies.
 Editor: T. J. Fitzpatrick.
 Listed by Burns.
 No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1905: title page and index,
 2 pp. 1₁-86, Pls. I.-VI. (No. 1, pages 3-10 printed in August
 1904).

Vol. 2, Nos. 1-4, Jan. 1906-Oct. 1909: title page and index, 2 pp.
 1₁-68, Pls. I-XI.

Vol. 3, Nos. 1-2, Jan. 1911, Apr. 1917: 1₁-48, Pl. I.

Largely devoted to botany, paleontology, and archeology. Bird
 and mammal notes by Clement L. Webster and B.O. Wolden.
 — J. Van Tyne.

IOWA ORNITHOLOGIST, see WESTERN ORNITHOLOGIST

IOWA ORNITHOLOGISTS' BULLETIN, see IOWA BIRD LIFE

JACK-PINE WARBLER; bulletin of the Michigan Audubon society.

Vol. 1- , 1923- . Ypsilanti, Michigan, Mount Morris, Illinois, Hart, Grand Rapids, Kalamazoo, Battle Creek, Lansing, Michigan, 1923- . Illus. 22, 23, 28 cm.

Volumes 1-4, number 3 published quarterly, thereafter published irregularly until volumes 13-27, which again appeared quarterly. Title varies: Volumes 1-4, number 2 were published under the title Michigan Audubon Society Quarterly News Letter. Title changed to Jack-Pine Warbler with volume 4, number 3.

Editors: January 1923-October 1926, Geneva Smithe. February 1927, Margaret Du Mond. November 1927-Winter 1933 (Volume 11, number 1), Lucretia T. Norgaard. June 1934-April 1939, Margaret E. Gross. July 1939-October 1948, Edward M. Brigham, Jr., and others. March 1949, George J. Wallace.

Volumes 1-3 each contained 4 numbers, mimeographed on one side of leaf only at Ypsilanti, Michigan. Volume 4 contained 3 numbers. Numbers 1-2 were mimeographed on one side of leaf only at Ypsilanti, and number 3, reduced in size to 23 cm., was printed at Mount Morris, Illinois. Volume 5 contained 1 number mimeographed on one side of leaf only at Grand Rapids, Michigan, and the former size 28 cm. resumed. Covers were assumed with this volume. Volume 6 contained 3 numbers mimeographed on one side of leaf only at Hart, Michigan. Volume 7 contained 2 numbers mimeographed on one side of leaf only at Hart, Michigan. Volume 8 contained 3 numbers, number 1 mimeographed on one side of leaf only and numbers 2-3 printed at Hart, Michigan. Volume 8, number 2 was reduced in size to 23 cm. Volumes 9-11 each contained 1 number printed at Hart, Michigan, without covers. Volume 12 contained 2 numbers mimeographed at Grand Rapids, Michigan, and covers were resumed. Volumes 13-14 contained 4 numbers each and volume 15, numbers 1-3, mimeographed at Grand Rapids, Michigan. Beginning with volume 15, number 4, the magazine was printed at Grand Rapids, Michigan. Volumes 17-24, number 3, were printed at Kalamazoo, Michigan. Volumes 24-28, number 3 printed at Battle Creek, Michigan. Volume 28, number 4 printed at Lansing, Michigan.

Index for volumes 1-16, 1923-1938, prepared by Geneva Smithe, not yet published (1953).

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1923: ₁1₁-5, ₁1₁-7, ₁1₁-5, ₁1₁-8. (No volume or number given for No. 1 and incorrectly dated January 1, 1922).

Vol. 2, Nos. 1-4, Jan.-Oct. 1924: ₁1₁-8, ₁1₁-11, ₁1₁-11, ₁1₁-9.

Vol. 3, Nos. 1-4, Jan.-Oct. 1925: ₁1₁-15, ₁1₁-17, ₁1₁-8, 1-10.

Vol. 4, Nos. 1-3, Jan.-Oct. 1926: ₁1₁-12, ₁1₁-11, ₁1₁-8.

Vol. 5, No. 1, Feb. 1927: ₁1₁-10.

- Vol. 6, Nos. 1-3, Nov. 1927-May 1928: τ_1 -9, τ_1 -12, τ_1 - τ_1 12 τ_1 .
 Vol. 7, Nos. 1-2, Fall 1928, Winter, 1929: τ_1 -9, τ_1 -12.
 Vol. 8, Nos. 1-3, Fall 1929, Spring 1930, Autumn 1930: τ_1 -13, 1-12, τ_1 -12.
 Vol. 9, No. 1, Autumn 1931: τ_1 -16.
 Vol. 10, No. 1, Spring 1932: τ_1 -4.
 Vol. 11, No. 1, Winter 1933: τ_1 -4.
 Vol. 12, Nos. 1-2, June 1934, Autumn 1934: τ_1 -20.
 Vol. 13, Nos. 1-4, Winter 1935, May-Oct. 1935: No. 1 paged 1-20, Nos. 2-4, each paged 1-24.
 Vol. 14, Nos. 1-4, Jan.-Oct. 1936: 1-24, 1-32, 1-36, 1-24. (With No. 2 a supplement of 4 pp.).
 Vol. 15, Nos. 1-4, Jan.-Oct. 1937: 1-28, 1-20, τ_1 -32, τ_1 -31.
 Vol. 16, Nos. 1-4, Jan.-Oct. 1938: Nos. 1-3, each paged τ_1 -31, number 4, τ_1 -28.
 Vol. 17, Nos. 1-4, Jan.-Oct. 1939: τ_1 -120, incl. index.
 Vol. 18, Nos. 1-4, Jan.-Oct. 1940: τ_1 -128, incl. index.
 Vol. 19, Nos. 1-4, Jan.-Oct. 1941: τ_1 -128.
 Vol. 20, Nos. 1-4, Jan.-Oct. 1942: τ_1 -128, incl. index for vols. 19-20.
 Vol. 21, Nos. 1-4, Jan.-Oct. 1943: τ_1 - τ_1 132 τ_1 , incl. index.
 Vol. 22, Nos. 1-4, Jan.-Oct. 1944: τ_1 -153, incl. index.
 Vol. 23, Nos. 1-4, Jan.-Oct. 1945: τ_1 -188, incl. index.
 Vol. 24, Nos. 1-4, Jan.-Oct. 1946: τ_1 -172, incl. index.
 Vol. 25, Nos. 1-4, Jan.-Oct. 1947: τ_1 -196, incl. index.
 Vol. 26, Nos. 1-4, Jan.-Oct. 1948: τ_1 -188.
 Vol. 27, Nos. 1-4, Mar.-Dec. 1949: τ_1 -176, incl. index for vols. 26-27.
 Vol. 28, Nos. 1-4, Mar.-Dec. 1950: τ_1 -132.
 Vol. 29, Nos. 1-4, Mar.-Dec. 1951: τ_1 -136, incl. index for vols. 28-29.
 Vol. 30, Nos. 1-4, Mar.-Dec. 1952: τ_1 -144, incl. index.
 Covers on volumes 5-8, 12-30.

Later volumes contain considerable material of scientific value.
 — J. Van Tyne.

JACOBS, JOSEPH WARREN. GLEANINGS; a series of pamphlets based chiefly on the author's research in ornithology and oology . . .
 Nos. 1-5, 1898-1909. Waynesburg, Pennsylvania, Independent book and job office, 1898-1909.
 Illus. 23 $\frac{1}{2}$ cm.
 Supplements to number 5: 1-3, Nov. 1909-Nov. 1911.

Published irregularly.

Title varies: number 1 as Gleanings from Nature.

Editor: Joseph Warren Jacobs.

Numbers 3 and 4 were published by the Independent printing company, number 5 by Charles T. Sutton.

Not listed by Burns.
No more published.

Library has: No. 1, 1898: "Oological Abnormalities," 1₁-36, Pls. I-IV. Covers.

No. 2, 1903: "The Story of a Martin Colony," 1₁-24, Pls. I-III. Covers.

No. 3, 1904: "The Haunts of the Golden-Winged Warbler," 1₁-30, Pls. I-VI, 1 col. chart. Covers.

No. 4, 1905: "Some Notes on the Summer Birds of Monogalia County, West Virginia," front. 1₁-11. Covers.

No. 5, 1909: "The Purple Martin (*Progne subis*) and Houses for Its Summer Home," front. 1₁-44, Pls. II-XI. (This was reprinted from *Bird Lore*, Vol. 7, No. 1, January-February 1905, and *Pennsylvania Zoological Bulletin* Vol. 1, No. 10, February 1, 1904, and Vol. 5, No. 10, February 1, 1908). Covers.

Supplement 1 to No. 5, Nov. 1, 1909: 1₄₅-56.

Supplement 2 to No. 5, 1910: 1₅₇-94.

Supplement 3 to No. 5, 1911: 1₉₅-141.

Contains much original material on the subjects treated.

— P. Brodkorb.

JOURNAL OF MINNESOTA ORNITHOLOGY; an annual devoted to Minnesota bird life. Vol. 1, Nos. 1-2, Apr. 1936-1937. St. Cloud, Minnesota, T.S. Roberts ornithology club, 1936-1937. Illus. 24½, 25 cm.

Annual.

Official publication of the T.S. Roberts Ornithology Club.

Editors: Volume 1, number 1, John J. Cochrane. Volume 1, number 2, Richard D. Voth, Nestor M. Hiemenz, George W. Friedrich.

No more published.

Library has: Vol. 1, No. 1, Apr. 1936: 1₁-1₆₈. No. 2, Apr. 1937: 11., 1 p., 1-15. Covers.

Devoted largely to Minnesota, but includes at least one contribution on South Dakota birds. — J. Van Tyne.

JOURNAL OF THE NEW JERSEY NATURAL HISTORY SOCIETY (formerly "Trenton Natural History Society"), see TRENTON NATURAL HISTORY SOCIETY JOURNAL

JOURNAL OF THE WILSON ORNITHOLOGICAL CHAPTER OF THE AGASSIZ ASSOCIATION, see WILSON BULLETIN

JUNIOR SOCIETY OF NATURAL SCIENCES, CINCINNATI, OHIO,
see CINCINNATI JUNIOR SOCIETY OF NATURAL SCIENCES

KALAMAZOO [Michigan], NATURALISTS ASSOCIATION, see
WOLVERINE NATURALIST

KANSAS CITY SCIENTIST; official organ of the Kansas City academy of science. Vols. 1-5, No. 12, Aug. 1885-Dec. 1891. Valparaiso, Indiana, Jones & Trouslet; Kansas City, Kansas, M.P. Davis, R.B. Trouslet & co.; Kansas City, Missouri, Academy of science pub. co., 1885-1891.
Illus. 22, 30, 31 cm.

Monthly except volume 3 which was published bimonthly.

Title varies: volumes 1-3 as the Hoosier Naturalist, devoted to ornithology, oology, taxidermy, etc., Valparaiso, Indiana. In April 1886 the subscriptions of Tidings From Nature, Rutland, Vermont, were transferred to the Hoosier Naturalist. In volume 3, number 1, January 1888, of the Hoosier Naturalist a statement is made that "we are allowed to use the old name through the courtesy of C.R. Orcutt, San Diego, California, publisher of the West American Scientist, to whom the Hoosier Naturalist and subscription list were sold at the end of the second volume." With volume 4 the title changed to the Naturalist, devoted to ornithology, taxidermy, etc., Kansas City, Kansas, and Missouri. With volume 4, number 6, January 1890, it became the "Official Organ of the Kansas City (Mo.) Academy of Science." With volume 5, the title became the Kansas City Scientist.

Subtitle varies.

Size 31 cm. for volume 1, numbers 1-2 and volume 4; 30 cm. for volume 3; 22 cm. for all others.

Editors: August 1885-July 1886, A.C. Jones and R.B. Trouslet.

August 1886-December 1891, R.B. Trouslet.

Publishers vary: volume 1 published by A.C. Jones and R.B. Trouslet; volume 2 according to Burns was published by R.B. Trouslet and R.B. Trouslet & Company. Volume 3, number 1 was published by Charles Lamson, numbers 2-6 by R.B. Trouslet & Company; volume 4 was published by Milton P. Davis, R.B. Trouslet manager, except number 5 by E.R. Ireland; numbers 6-8 by R.B. Trouslet & Company; number 10 by the Academy of Science Publishing Company. Volume 5 was published by the Academy of Science Publishing Company. Volumes 1-2 contain 12 numbers each, volume 3 contains 6 numbers, volume 4 contains 12 numbers. Volume 5 contains 12 numbers.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Aug. 1885-July 1886: 1₁-202. Covers on Nos. 3-12. (Nos. 9-10, a double number).

Vol. 2, Nos. 1-12, Aug. 1886-July 1887: 1₁-170. Covers.

Vol. 3, Nos. 1-6, Jan.-Nov. 1888: Nos. 1, 4-6, 4 pp. each; No. 2, 8 pp., No. 3, 6 pp. (Nos. 4-5, a double number).

Vol. 4, Nos. 1-12, Jan. 1889-Nov. 1890: Nos. 1, 2, 4, 4 pp. each; Nos. 3, 5-12, 8 pp. each.

Vol. 5, Nos. 1-12, Jan.-Dec. 1891: 1₁-192, Pls. I-IV. Covers.

Contains notes and papers by Amos W. Butler (mammals), W.S. Blatchley (birds, butterflies), J.W. Jacobs (birds), J.D. Sherman (insects), and Barton W. Everman ("Birds of Monroe County, Indiana").
— J. Van Tyne.

KANSAS NATURALIST. Vol. 1, Nos. 1-2, June-Aug. 1902. Topeka, Kansas, 1902.
23 cm.

Superseded by Western Naturalist.

Editor: C.L. Pribble.

Not listed by Burns, Casey A. Wood, or Guion.

No more published.

Library has: Vol. 1, No. 2, Aug. 1902: 1₁-8. Covers.

Interesting little accounts on natural history but all very popular and nothing of scientific interest. — L. C. Stuart.

KENTUCKY NATURE. Vol. 1, No. 1, fall 1938. Madisonville, Kentucky, Kentucky nature association, 1938.
29 cm.

Editor: 1938, Brasher Collins Bacon.

No more published.

Library has: Vol. 1, No. 1, fall 1938: 1₁-64. Covers.

This magazine was founded mainly through the efforts of Brasher C. Bacon, who hoped to inaugurate a periodical dedicated to the cause of conservation in Kentucky. Unfortunately, the effort could not be sustained at the ambitious level set by the first (and only) issue, and publication was discontinued. — R. M. Mengel.

KENTUCKY WARBLER. Vol. 1, No. 1- , Jan. 1925- . Bowling Green, Kentucky, Kentucky ornithological society, 1925- .
21½, 23 cm.

Quarterly.

Editors: Jan. 1925-Apr. 1925, L. Otley Pindar. July 1925-April 1936,

Gordon Wilson. Fall 1936-Fall 1938, Burt Monroe. Winter 1939-Autumn 1945, Gordon Wilson. Winter 1946- , Harvey B. Lovell. With volume 14, the size increased from 21½ cm. to 23 cm. and a cover was added with a design of a Kentucky warbler by Mr. Albert Ganier.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1925: 4 pp. each.

Vol. 2, Nos. 1-4, Jan.-Oct. 1926: 4 pp. each.

Vol. 3, Nos. 1-4, Jan.-Oct. 1927: 4 pp. each.

Vol. 4, Nos. 1-4, Jan.-Oct. 1928: 4 pp. each.

Vol. 5, Nos. 1-4, Jan.-Oct. 1929: 4 pp. each.

Vol. 6, Nos. 1-4, Jan.-Oct. 1930: 4 pp. each.

Vol. 7, Nos. 1-4, Jan.-Oct. 1931 : 4 pp. each. (On No. 4, volume erroneously numbered 8).

Vol. 8, Nos. 1-4, Jan.-Oct. 1932: 4 pp. each. (Erroneously numbered volume 9. Nos. 2-3, a double number).

Vol. 9, Nos. 1-4, Jan.-Oct. 1933: 4 pp. each.

Vol. 10, Nos. 1-4, Jan.-Oct. 1934: Nos. 1-3, 4 pp. each; No. 4, 8 pp.

Vol. 11, Nos. 1-4, Jan.-Oct. 1935: 8 pp. each.

Vol. 12, Nos. 1-3, Jan.-Fall 1936: Nos. 1 and 3, 8 pp. each; No. 2, 4 pp. (No. 4, not published).

Vol. 13, Nos. 1-4, Winter - Fall 1937: 1₁-32.

Vol. 14, Nos. 1-4, Winter - Fall 1938: 1₁-48.

Vol. 15, Nos. 1-4, Winter - Autumn 1939: 1₁-48.

Vol. 16, Nos. 1-4, Winter - Autumn 1940: 1₁-48.

Vol. 17, Nos. 1-4, Winter - Autumn 1941: 1₁-48.

Vol. 18, Nos. 1-4, Winter - Autumn 1942: 1₁-60.

Vol. 19, Nos. 1-4, Winter - Autumn 1943: 1₁-56.

Vol. 20, Nos. 1-4, Winter - Autumn 1944: 1₁-56, map (folded) with number 2.

Vol. 21, Nos. 1-4, Winter - Fall 1945: 1₁-60.

Vol. 22, Nos. 1-4, Winter - Fall 1946: 1₁-64, incl. index.

Vol. 23, Nos. 1-4, Winter - Autumn 1947: 1₁-71, 1 p. (table of contents).

Vol. 24, Nos. 1-4, Jan.-Oct. 1948: 1₁-68, incl. index, 1_i-ii (title page and contents).

Vol. 25, Nos. 1-4, Feb.-Nov. 1949: 1₁-84, incl. table of contents. (No. 3 erroneously numbered 2).

Vol. 26, Nos. 1-4, Feb.-Nov. 1950: front. 1₁-72.

Vol. 27, Nos. 1-4, Feb.-Nov. 1951: 1₁-68.

Vol. 28, Nos. 1-4, Feb.-Nov. 1951: 1₁-62.

Covers on each volume from Vol. 14.

Devoted almost exclusively to Kentucky birds, and to the activities of the Kentucky Ornithological Society. Contained little of importance prior to 1935, when it began serial publication (discontinued in 1937) of "Birds of Kentucky" by Brasher C. Bacon and Burt L. Monroe, the first effort towards a faunal study devoted exclusively to the birds of the state. Since that time has contained a number of worthwhile papers devoted to the avifauna of Kentucky by Leonard Brecker, H. B. Lovell,

R. M. Mengel, B. L. Monroe, Gordon Wilson, and others. Has also regularly published midwinter bird counts, including a number not appearing in Audubon Magazine. — R. M. Mengel.

KINGBIRD; publication of federation of New York state bird clubs.

Vol. 1, No. 1- , Nov. 1950- . Rochester, New York, 1950- .
23 cm.

Quarterly.

Editors: Allan S. Klonick; associates, Joseph W. Taylor, Eugene Eisenmann.

Library has: Vol. 1, Nos. 1-4, Nov. 1950-Oct. 1951: No. 1, 2 pp. 1-34;
Nos. 2-4, 2 pp., 1-114.

Vol. 2, Nos. 1-4, Apr.-Dec. 1952: 1-100.

Covers on each volume.

Devoted to records of birds occurring in New York state. —
R. W. Storer.

LEBANON NATURE CLUB. WEEKLY NEWS LETTER, NEWS LETTER, BULLETIN NEWS BULLETIN, see **ALL OUTDOORS**

LEIGHTON NEWS. Vols. 1-3, No. 1, May 1890-Feb. 1894? Leighton, Alabama, F.W. McCormack, 1890-1894?
21 cm.

Semimonthly.

Editor: F.W. McCormack.

According to Burns this publication "began as a four-page, two column amateur local paper, printed one page at the time on a small hand press, with something like 300 subscribers; it was enlarged to 8 pages on November 1, 1890, by the addition of a colored cover. After completing the second volume, the paper was discontinued until February 2, 1894, to enable the editor to attend college, and volume 3, number 1, appeared as a six column folio weekly newspaper." Burns lists volume 1, numbers 1-15? and volume 2, numbers 1-25. No more published?

Library has: Vol. 2, Nos. 4-6, 9-10, 12, 14, 17, 19, 25, Feb. 1891-Jan. 1892: 8 pp. each. Covers.

Beginning with Feb. 1, 1891 (vol. 2, no. 3), "The Notes on Colbert Co. (Alabama) Birds," by F.W. McCormack continued until the final number, Jan. 2, 1892, from 2 to 5 pages to the issue, 67 pages in all, 156 species were enumerated and annotated. — F. L. Burns.

LIBERTY BELL BIRD CLUB, see FARM JOURNAL. EDUCATIONAL PAMPHLET

LINNAEAN NEWS-LETTER. Vol. 1, No. 1- , Mar. 1947- . New York, Linnaean society of New York - Museum of natural history, 1947- . 28 cm.

Monthly, except July, August, and September.

Editors: From March, 1947, Robert S. Arbib, jr., and Thomas F. Higgins. With April, 1949, Walter Sedwitz was added to the list of editors. From November, 1951, Robert S. Arbib, jr., and Walter Sedwitz were the editors.

Lithoprinted.

Library has: Vol. 1, Nos. 1-9, Mar. 1947-Feb. 1948.

Vol. 2, Nos. 1-9, Mar. 1948-Feb. 1949.

Vol. 3, Nos. 2-8, Apr. 1949-Jan. 1950 (Nos. 1 and 9 lacking).

Vol. 4, Nos. 1-9, Mar. 1950-Feb. 1951.

Vol. 5, Nos. 1-4, 6-9, Mar.-June 1951, Nov.-Feb. 1952 (No. 5 lacking).

Vol. 6, Nos. 1-5, 8-9, Mar.-Oct. 1952, Jan.-Feb. 1953 (Nos. 6-7 lacking).

Each number 4 pp. except No. 1 of Vol. 6, 1₁-8.

Primarily local in scope, but contains several short articles of general interest. — R. W. Storer.

LITERARY COMPANION; a monthly review of popular science and philately, in which is consolidated the Agassiz companion and the Agassiz record. Vols. 1-2, Feb. 1889-1890. Kansas City, Kansas, W. H. Plank, 1889-1890. Illus. 31 cm.

Monthly.

Official organ of the Wyandotte Society of Natural History.

Subtitle varies.

Editor: Will H. Plank.

According to G.S. Guion only two volumes were issued. No information has been found concerning the number of issues per volume or any explanation of the use of old and new series in the numbering of the second volume.

An incomplete set listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Feb. 1889: 1₁-4.

Old series, Vol. 5; or New series, Vol. 2, No. 2, Feb. 1890: 1₁-4.

No. 3, Mar. 1890: 1₁-4.

Articles on ornithology by M.R. Potter, Maurice Thompson, and William H. Plank. — G. S. Guion.

LIVE OAK; the Pacific coast nature monthly. Vols. 1-4, No. 9, Sept. 1927-May 1931. Angwin, California, 1927-1931. 24, 28 cm.

Monthly from September to June.

Official organ of the Howell Mountain Nature Club, an organization under the Department of Biological Science at Pacific Union College.

Editor: Harold W. Clark.

No more published.

Library has: Vol. 1, Nos. 1-10, Sept. 1927-June 1928: each paged 1₁-4.

Vol. 2, Nos. 1-10, Sept. 1928-June 1929: each paged 1₁-4.

Vol. 3, Nos. 1-6, 8, 9, Sept. 1929-May 1930: each paged 1₁-8. (Nos. 7 and 10 lacking).

Vol. 4, Nos. 1-7, 9, Sept. 1930-May 1931: Nos. 1-2, each paged 1₁-8; Nos. 3-4, each paged 1₁-6; Nos. 5-7, 9, each paged 1₁-4. (No. 8 lacking).

Articles on ornithology principally by the editor, Harold W. Clark; also by Mrs. Barbara Osborne, Mrs. Dorothy Boyce Axtell, B. P. Hoffman, Norman Clyde, Helen S. Pratt, Madge Haines, Pauline Hemphill, Winifred Craig, Ray Worden. — G. S. Guion.

LONG ISLAND BIRD CLUB. ANNUAL REPORT, see BIRD CLUB OF LONG ISLAND. ANNUAL REPORT

LONG ISLAND BIRD CLUB NOTES, see BIRD CLUB NOTES OF LONG ISLAND

LONG ISLAND BIRD NOTES; a weekly news-letter devoted to the ornithology of Long Island, New York. Vol. 1- ; 1934-1939? Woodmere, New York, Woodmere academy, 1934-1939? 28 cm.

Weekly from volume 1, number 1, October 24, 1934- volume 3, December 1936. Biweekly from volume 4, January 13, 1937-volume 5, March 30, 1938. After this number it was printed by the Nassau Daily Review Star on Friday or Saturday.

Title varies.

Editors: Volume 1-volume 2, number 23, David E. Harrower; volume 2, numbers 24-38, B. C. Berliner and R. Arbib; volume 2, number 39-volume 3, number 23, David E. Harrower; volume 3, numbers 24-25, B. C. Berliner; volume 3, numbers 26-38, D.D. Berolzheimer; volume 3, number 39-volume 4, number 22, David E. Harrower; volume 4, numbers 23-38, Edward Adelberg; volume 4, number 39-volume 5, number 14, David E. Harrower. After this number it was edited by Robert Arbib and printed in the Nassau Daily Review Star.

volumes 1-5. From May 28, 1938-June 25, 1939, printed in Nassau Daily Review Star and unnumbered.

No more published?

Library has: Vol. 2, Nos. 1-10, Oct.-Dec. 1934.

Vol. 2, Nos. 1-52, Jan.-Dec. 1935. (No. 37 erroneously numbered 36).

Vol. 3, Nos. 1-52, Jan.-Dec. 1936. (Nos. 2, 3, 5, erroneously dated.

Nos. 6, 37, 38 erroneously numbered 5, 36, 37).

Vol. 4, Nos. 1-16, 19-52, Jan.-Dec. 1937. (Nos. 17-18 lacking).

Vol. 5, Nos. 1-14, Jan.-Mar. 1938.

Each number contains from 1-4 pages.

This library has 55 pages which appeared in the Nassau Daily Review Star from May 1938-July 1939, following Vol. 5, No. 14.

Supplied items with reference to birds in that region. — G.S. Guion.

LONG ISLAND BIRDS, see BIRDS OF LONG ISLAND

LONG ISLAND NATURAL HISTORY CLUB, see WARBLER

LOON; devoted to ornithology and oology. Vol. 1, Nos. 1-10, Jan.-Oct. 1889. White Sulphur Springs, West Virginia, T. Surber, 1889. 19 cm.

Monthly.

Editor: Thad Surber.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-10, Jan.-Oct. 1889; 1₁-78. Covers on Nos. 1-2.

Contains very little of any value. — J. Van Tyne.

LORQUINIA. Vols. 1-2, No. 6₁, Aug. 1916-Jan. 1919. Los Angeles, California, Lorquin natural history club, 1916-1919. 22 cm.

Monthly.

The subtitle of the last number is Occasional Papers of the Lorquin Natural History Club of the Southwest Museum. In the Southwest Science Bulletin number 1, page 3, it is stated that "the issue is planned to succeed the various publications that have in times past voiced the activities of the Museum, and of certain affiliated organizations. Among these predecessors were. . . Lorquinia, which discontinued under that title with the January, 1919 issue. The Lorquin Club as a body has decided to devote its energies in co-operation with

the several clubs and associations of the Museum, toward building a strong bulletin under the above title."

Editors: Paul D. R. R uthling, George L. Moxley, E. P. Chace.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Aug. 1916-July 1917: 1₁-96.

Vol. 2, Nos. 1-6, Aug. 1917-Jan. 1919: Nos. 1-5, paged continuously 1₁-44; No. 6, paged separately 1₁-12.

Contains contributions, many of them of permanent value, in the fields of geology, paleontology, botany, conchology, entomology, ichthyology, herpetology, and mammalogy. — J. Van Tyne.

LOS ANGELES CALIFORNIA NATURE CLUB, see OUZEL

LOUISIANA SOCIETY OF NATURALISTS. PROCEEDINGS. 1897-1899.

New Orleans, Louisiana, Printed for the society, 1900.

24½ cm.

Editor: E. Foster.

Not listed by Burns.

No more published.

Library has: 1897-1899: title page, contents and list of officers i-iv, 1₁-135. Covers.

Contains important contributions to the botany, ornithology, and herpetology and a short paper on the entomology (Hymenoptera) of Louisiana. — J. Van Tyne.

LYNN NATURAL HISTORY SOCIETY. PUBLICATIONS. No. 1, Dec.

1846? Lynn, Massachusetts 1 J. B. Tolman, printer, 1846.

21 cm.

Editor: J. B. Holder.

Number 1 only listed by Union List and Casey A. Wood. Not listed by Burns.

No more published ?

Library has: No. 1, Dec. 1846: 8 pp.

Title of No. 1 is "Catalogue of Birds Noticed in Vicinity of Lynn During the Years 1844-5-6," by J. B. Holder.

MAINE AUDUBON SOCIETY. BULLETIN. Vol. 1, No. 1- , Jan. 1945- .

Brunswick, Maine, 1945- .

28, 22 cm.

Quarterly.

Editor: January 1945- , Alfred O. Gross.

Volumes 1-2, mimeographed. Volume 3- reduced in size to 22½ cm. and printed.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1945: 1₁-107.

Vol. 2, Nos. 1-4, Jan.-Oct. 1946: 1-113.

Vol. 3, Nos. 1-4, Jan.-Oct. 1947: 1₁-55.

Vol. 4, Nos. 1-4, Jan.-Oct. 1948: 1₁-74.

Vol. 5, Nos. 1-4, Jan.-Oct. 1949: 1₁-80.

Vol. 6, Nos. 1-4, Jan.-Oct. 1950: 1₁-56.

-- --- Index to Vols. 3-6, 1947-1950: 7 pp.

Vol. 7, Nos. 1-4, Jan.-Oct. 1951: 1₁-80.

Vol. 8, Nos. 1-4, Jan.-Oct. 1952: 1₁-96.

Covers on each volume.

In the main, records of local interest. — R. W. Storer.

MAINE ORNITHOLOGICAL SOCIETY JOURNAL; a quarterly journal of Maine ornithology. Vols. 1-13, Jan. 1899-Dec. 1911. Bangor, Maine, O. W. Knight; Waterville, Fairfield, Maine, J. M. Swain; Portland, Maine, The society, 1899-1911.

Illus. 23½ cm.

Quarterly.

Editors: January 1899-October 1899, C. H. Morrell. January 1900-

October 1904, J. Merton Swain. March 1905-September 1909,

W. H. Brownson. December 1909-December 1910, Louis E. Legge.

March 1911-December 1911, no editor mentioned; the officers of the society were: president, J. Merton Swain; vice-president, William C. Kendall; secretary and treasurer, Dana W. Sweet; counselors, Jed F. Fanning and A. L. Chase. Volumes 1-2 were published by O. W.

Knight at Bangor; volume 3, number 1 by J. M. Swain at Waterville; volume 3, number 2-volume 6 by J.M. Swain at Fairfield; volumes 7-13 were published by the society in Portland.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1899: 1₁-40.

Vol. 2, Nos. 1-4, Jan.-Oct. 1900: 1₁-41.

Vol. 3, Nos. 1-4, Jan.-Oct. 1901: 1₁-56, 1 pl.

Vol. 4, Nos. 1-4, Jan.-Oct. 1902: 1₁-63, 2 pls., 1 folded chart.

Vol. 5, Nos. 1-4, Jan.-Oct. 1903: 1₁-59, 4 pls.

Vol. 6, Nos. 1-4, Jan.-Oct. 1904: 1₁-81, 4 pls.

Vol. 7, Nos. 1-4, Mar.-Dec. 1905: 1₁-80, 1 pl.

Vol. 8, Nos. 1-4, Mar.-Dec. 1906: 1₁-108, 4 pls.

Vol. 9, Nos. 1-4, Mar.-Dec. 1907: 1₁-112, 4 pls.

Vol. 10, Nos. 1-4, Mar.-Dec. 1908: 1₁-120, 4 pls., 1 map.

Vol. 11, Nos. 1-4, Mar.-Dec. 1909: 1₁-124, 5 pls.

Vol. 12, Nos. 1-4, Mar.-Dec. 1910: 1₁-80, 2 pls.

Vol. 13, Nos. 1-4, Mar.-Dec. 1911: 1₁-70, 4 pls.

-- --- Index - Vols. 1-13, Jan. 1899-Dec. 1911: 1₁-58.

Covers on volumes 3-13.

A valuable periodical devoted largely to accounts of the birds of Maine. — J. Van Tyne.

MAINE ORNITHOLOGIST AND OOLOGIST. Vols. 1-2, No. 3; Mar. 1890-May 1891. Garland, Maine, H. S. Sawyer, 1890-1891. Illus. 21, 23 cm.

Monthly.

In The International Naturalist, Canisteo, New York, volume 2, number 4, January 1892, it is stated that "the Maine Ornithologist and Oologist has been consolidated with our former publication The Bittern, Canisteo, New York, and will be known in the future as The International Naturalist."

Editor: H. Stanton Sawyer.

According to Burns volume 1 contained 12 numbers. Volume 2 ends with number 3.

No more published.

Library has: Vol. 1, Nos. 1-12, Mar. 1890-Feb. 1891: Nos. 1, 2, 10-12, 4 pp. each; Nos. 5, 7, 2 pp. each; Nos. 3, 4, 5 pp. each; Nos. 6, 8, 9, 3 pp. each. (Nos. 3-4, a double number). Covers on Nos. 10-12.

Vol. 2, Nos. 1-3, Mar.-May 1891: each number, 4 pp. Covers.

Trade journal with natural history notes. Poorly printed.

— P. Brodtkorb.

MARYLAND BIRDLIFE; bulletin of the Maryland ornithological society. Vol. 1, No. 1- , 1945- . Baltimore, Maryland, 1945- . 28 cm.

Bimonthly.

Title varies: Volume 1, number 1 as Maryland Ornithological Society Bulletin.

Editors: April 1945-Mar. 1946, Ray J. Beasley, Millard C. Kent, Helen Klinke, Irving E. Hampe. April 1946-?, Haven Kolb. September 1947-?, Chandler S. Robbins.

Mimeographed on one side of leaf only from typewritten sheet.

Volume 1 contained 5 numbers and a total of 27 pages (from volume 2, number 1).

Library has: Vol. 1, Nos. 2, 3, 5, May-Aug., Nov.-Dec. 1945: 6-16, 23-27.

Vol. 2, Nos. 1-6, Jan.-Dec. 1946: 1-45.

Vol. 3, Nos. 1-5, Jan.-Dec. 1947: 1-92.

Vol. 6, No. 1, Jan.-Feb. 1950- 1₁- .

Primarily devoted to records of local interest. — R. W. Storer.

MARYLAND. A JOURNAL OF NATURAL HISTORY, see
MARYLAND NATURALIST

MARYLAND NATURALIST. Vol. 1- , 1930₁- . 1 Baltimore, Maryland,
Natural history society of Maryland, 1930₁- .
28 cm. Illus., maps, diagrams.

Quarterly. From volume 1-13?

Title varies: volumes 1 (?) - 13, Bulletin of the Natural History
Society of Maryland. Volumes 14-17, Maryland, A Journal of Natural
History. Volume 18- , Maryland Naturalist.

Editor: Previous to 1940 not known. Sept. 1940- , Herbert C. Moore.

Library has: Vol. 9, No. 1, Sept.-Oct. 1940 1₁-19.

Vol. 11, Nos. 4, 6, Mar.-Apr., July-Aug. 1941: 1₆₀,-86, 1₁₀₆,-123.

Vol. 12, No. 3, Feb. 1942: 1₃₁,-45.

Vol. 14, Nos. 1-4, Jan.-Oct. 1944: 1₁,-96.

Vol. 15, Nos. 1-4, Jan.-Oct. 1945: 1₁,-80.

Vol. 16, Nos. 1-4, Jan.-Oct. 1946: 1₁,-84.

Vol. 17, Nos. 2-4, Apr.-Oct. 1947: 1₂₁,-1₈₄, (No. 1 lacking).

Vol. 18, Nos. 1-4, Winter, Spring, Summer, Fall 1948: 1₁,-1₇₂,.

Vol. 19, No. 1- Winter, 1949: 1₁,-16.

Covers on each volume.

Local notes on a wide variety of natural history subjects.

— R. W. Storer.

MARYLAND ORNITHOLOGICAL SOCIETY. BULLETIN, see
MARYLAND BIRDLIFE. BULLETIN

MASSACHUSETTS AUDUBON SOCIETY, see BIRD NEWS

MASSACHUSETTS AUDUBON SOCIETY. BULLETIN. Vol. 1, No. 1- ,
Feb. 1917- . Boston, Massachusetts, 1917- .
23½ cm.

Monthly, except for July, August, and September (a few exceptions).

Editors: 1917-1935, Winthrop Packard. 1936-1939, Carl W. Buch-
heister. 1942-, C. Russell Mason, assistant editor, Francis H. Allen.
Beginning with volume 29, number 3, March 1945, appeared a second
section called Records of New England Birds, volume 1, number 1.
In May 1950 this became a separate publication.

Library has: Vol. 1, Nos. 1-9, Feb. 1917-Jan. 1918.

Vol. 2, Nos. 1-9, Feb. 1918-Jan. 1919.

Vol. 3, Nos. 1-9, Feb. 1919-Jan. 1920.

- Vol. 4, Nos. 1-9, Feb. 1920-Jan. 1921.
 Vol. 5, Nos. 1-9, Feb. 1921-Jan. 1922.
 Vol. 6, Nos. 1-10, Feb. 1922-Feb. 1923.
 Vol. 7, Nos. 2-9, Mar. 1923-Jan. 1924. (No. 1, erroneously called
 Vol. 6, No. 10).
 Vol. 8, Nos. 1-9, Feb. 1924-Jan. 1925.
 Vol. 9, Nos. 1-9, Feb. 1925-Jan. 1926.
 Vol. 10, Nos. 1-9, Feb. 1926-Jan. 1927.
 Vol. 11, Nos. 1-9, Feb. 1927-Jan. 1928.
 Vol. 12, Nos. 1-9, Feb. 1928-Jan. 1929. (No. 2 erroneously numbered
 3).
 Vol. 13, Nos. 1-9, Feb. 1929-Jan. 1930.
 Vol. 14, Nos. 1-9, Feb. 1930-Jan. 1931.
 Vol. 15, Nos. 1-9, Feb. 1931-Jan. 1932.
 Vol. 16, Nos. 1-9, Feb. 1932-Jan. 1933.
 Vol. 17, Nos. 1-9, Feb. 1933-Jan. 1934.
 Vol. 18, Nos. 1-9, Feb. 1934-Jan. 1935.
 Vol. 19, Nos. 1-9, Feb. 1935-Jan. 1936.
 Vol. 20, Nos. 1-9, Feb. 1936-Jan. 1937.
 Vol. 21, Nos. 1-9, Feb. 1937-Jan. 1938.
 Vol. 22, Nos. 1-9, Feb. 1938-Jan. 1939.
 Vol. 23, Nos. 1-9, Feb. 1939-Jan. 1940.
 Volumes 1-23, each number paged separately, varying from 7-37
 pages.
 Vol. 24, Nos. 1-9, Feb. 1940-Jan. 1941: $\{1_1-176_1$.
 Vol. 25, Nos. 1-9, Feb. 1941-Jan. 1942: $\{1_1-214_1$.
 Vol. 26, Nos. 1-9, Feb. 1942-Jan. 1943: $\{1_1-249_1$.
 Vol. 27, Nos. 1-9, Feb. 1943-Jan. 1944: $\{1_1-295$.
 Vol. 28, Nos. 1-9, Feb. 1944-Jan. 1945: $\{1_1-290$.
 Vol. 29, Nos. 1-10, Feb. 1945-Jan. 1946: $\{1_1-320$. (Volume number of
 No. 3 erroneously numbered 21).
 Vol. 30, Nos. 1-10, Feb. 1946-Jan. 1947: $\{1_1-360$.
 Vol. 31, Nos. 1-9, Feb. 1947-Jan. 1948: $\{1_1-390$.
 Vol. 32, Nos. 1-9, Feb. 1948-Jan. 1949: $\{1_1-368$.
 Vol. 33, Nos. 1-9, Feb. 1949-Jan. 1950: No. 1- $\{369_1-408$, Nos. 2-9,
 $\{41_1-396$.
 Vol. 34, Nos. 1-9, Feb. 1950-Dec. 1950: $\{1_1-360$.
 Covers from Vol. 21, No. 9 - Vol. 34. No cover on Vol. 22, No. 1.

It is stated on the title page of volume 1, number 1, that "the Bulletin will chronicle the affairs of the Society. . . report items of interest concerning birds, such as the appearance of rare species locally; will keep its readers informed as to State or Federal legislation and briefly note items of interest about birds throughout the world."

An excellent publication, neatly printed. — G. S. Guion.

MASSACHUSETTS NATURAL HISTORY BULLETIN, see BULLETIN
 OF MASSACHUSETTS NATURAL HISTORY

MENGEL NATURAL HISTORY SOCIETY. LEAFLETS. No. 1- , Aug. 1943- . Reading, Pennsylvania, Reading public museum and art gallery, 1943- .
22½ cm.

Library has: No. 1, Aug. 2, 1943: "Hand List of Berks County Amphibians and Reptiles," by Richard Baldauf, 1, 1-8.

No. 2, Mar. 2, 1945: "The Giant Moths (Saturnioidea) of Berks County, Pennsylvania," by Lawrence S. Dillon and Elizabeth S. Dillon, 1, 1-12.

MERIDEN BIRD CLUB. REPORT. Meriden, New Hampshire. 1-; 1911-1930, 1952- . Boston, Massachusetts, Poole printing co., 1911-1930, 1952- .
Illus. 17½, 20, 20½, 25 cm.

Published irregularly.

Editors: Reports 1-3, Ernest H. Baynes. Reports for 1929, 1930, 1952, 1, 4-6, Miss Annie H. Duncan.

According to information (1952) from Miss Annie H. Duncan, general manager of the club, the following is a complete set to date.

Not listed by Burns.

Library has: No. 1, 1911: front. 1, 1-64, 1 p. No. 2, 1912: front. 1, 1-82, 2 fold. charts. No. 3, 1916: front. 1, 1-107, 4 pp. 1, No. 4, 1928-1929: 4 pp. 1, No. 5, 1930: 1, 1-28. 1, No. 6, Jan. 1, 1952: 1, 1-24, 1 fold. map. Covers on all except No. 4.

Contributors to this interesting periodical are E. H. Baynes, Frank W. Howe, and others, dealing with bird protection, nesting sites, bird enemies, bird food, etc. — Casey A. Wood.

MICHIGAN AUDUBON SOCIETY QUARTERLY NEWS LETTER, see JACK-PINE WARBLER

MICHIGAN ORNITHOLOGICAL CLUB BULLETIN; published in the interests of ornithology in Michigan. Vols. 1-6, No. 2; Jan. 1897-June 1905. Grand Rapids, Detroit, Michigan, 1897-1905.
Illus. 23-25 cm.

Quarterly.

Subtitle varies.

Editors: January 1897-May 1898, L. Whitney Watkins. April 1898, T. L. Hankinson. July 1898-April 1899, Leon J. Cole. March 1903-December 1904, Alexander W. Blain with associates J. Claire Wood and Adolphe B. Covert. March-June 1905, Walter B. Barrows with P. A. Taverner and Norman A. Wood.

Volumes 1-3 were published in Grand Rapids and volumes 4-6 in Detroit.

Volume 3, numbers 3-4 never published.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Dec. 1897: 1₁-48, 2 pls. Nos. 3-4, a double number).

Vol. 2, Nos. 1-4, Jan.-Dec. 1898: 1₁-40, 4 pls. (Nos. 3-4, a double number).

Vol. 3, Nos. 1-2, Jan.-Apr. 1899: 1₁-23.

Vol. 4, Nos. 1-4, Mar.-Dec. 1903: 1₁-100, incl. 3 pls.; title page and index, 4 pp.

Vol. 5, Nos. 1-4, Mar.-Dec. 1904: 1₁-92, incl. 4 pls.; index, 2 pp.

Vol. 6, Nos. 1-2, Mar.-June 1905: 1₁-31, incl. 1 pl.

Covers on each volume.

A rather important but short-lived journal devoted to the ornithology of the Great Lakes region. Contains an account of the discovery of the breeding grounds of Kirtland's warbler. — P. Brodtkorb.

MIGRANT; a quarterly journal devoted to Tennessee birds. Vol. 1, No. 1- , June 1930- . Nashville, Tennessee, Tennessee ornithological society, 1930- .

Illus. 28, 23 cm.

Quarterly.

Editors: 1930-1934, George B. Woodring; 1935-1937, Albert F.

Ganier; 1938-March 1942, Ben B. Coffey; June 1942-December 1946, Albert F. Ganier; March 1947-, James T. Tanner.

Volume 1 was mimeographed on one side of leaf only and the size was 28 cm. The succeeding numbers were printed and the size reduced to 23 cm.

Library has: 1 Vol. 1, Nos. 1₁-4, June-Dec. 1930: 1-19, 1 blueprint folded. (Nos. 3-4, a double number).

Vol. 2, Nos. 1-4, Mar.-Dec. 1931: 1₁-32, 1 blueprint folded.

Vol. 3, Nos. 1-4, Mar.-Dec. 1932: 1₁-50.

Vol. 4, Nos. 1-4, Mar.-Dec. 1933: 1₁-52.

Vol. 5, Nos. 1-4, Mar.-Dec. 1934: 1₁-68.

Vol. 6, Nos. 1-4, Mar.-Dec. 1935: 1₁-96, incl. 8 pp. photographs.

Vol. 7, Nos. 1-4, Mar.-Dec. 1936: 1₁-106, incl. 16 pp. photographs, a chart and a map.

Vol. 8, Nos. 1-4, Mar.-Dec. 1937: 1₁-96, title page for Vols. 6-8, 1 l., front. for number 3; 8 pp. photographs and a double pl. incl. in paging. (No. 4 erroneously numbered 2).

Vol. 9, Nos. 1-4, Mar.-Dec. 1938: 1₁-100, incl. 4 pp. photographs, 5 maps, 3 charts.

Vol. 10, Nos. 1-4, Mar.-Dec. 1939: 1₁-80, incl. double pl.

Vol. 11, Nos. 1-4, Mar.-Dec. 1940: 1₁-126, incl. 10 photographs, 2 maps, 4 pp. photographs folded.

Vol. 12, Nos. 1-4, Mar.-Dec. 1941: 1₁-80.

- Vol. 13, Nos. 1-4, Mar.-Dec. 1942: 1₁-78, incl. 1 p. photograph and 1 diagram.
- Vol. 14, Nos. 1-4, Mar.-Dec. 1943: 1₁-88, title page for Vols. 12-14, 1 l., 2 pp. photographs.
- Vol. 15, Nos. 1-4, Mar.-Dec. 1944: title page for Vols. 15-17, 1 l., 1₁-80, incl. 6 pp. maps.
- Vol. 16, Nos. 1-4, Mar.-Dec. 1945: 1₁-68, 1 pl. and 1 p. photograph.
- Vol. 17, Nos. 1-4, Mar.-Dec. 1946: 1₁-80, 2 pp. photographs.
- Vol. 18, Nos. 1-4, Mar.-Dec. 1947: 1₁-64.
- Vol. 19, Nos. 1-4, Mar.-Dec. 1948: 1₁-76.
- Vol. 20, Nos. 1-4, Mar.-Dec. 1949: 1₁-76.
- Vol. 21, Nos. 1-4, Mar.-Dec. 1950: 1₁-84.
- Index included in paging in each volume, 1-17.
- Species index for Vols. 6-8 in Vol. 8; for Vols. 9-11 in Vol. 11; for Vols. 12-14 in Vol. 14; for Vols. 15-17 in Vol. 17.
- Covers on each volume.

Occasionally illustrated and contains many interesting articles; well printed and indispensable to the Tennessee bird student.

— G. S. Guion.

MILWAUKEE NATURALIST; a monthly devoted to natural history.

Vol. 1, Nos. 1-12, Jan.-Dec. 1886. Milwaukee, Wisconsin, E. Senn, 1886.

23½ cm.

Monthly.

Editor: Emanuel Senn.

Burns lists only volume 3, numbers 1-12, which is probably a misprint, as the Union List lists only volume 1, numbers 1-12, after which it ceased publication. The material this library has corresponds with the Union List.

No more published.

Library has: Vol. 1, Nos. 2-12, Feb.-Dec. 1886: Nos. 2-5, 9-12, 6 pp. each; Nos. 6-8, 4 pp. each. Covers on Nos. 10-12. (Nos. 11-12, a double number. No. 1 lacking).

A trade journal with natural history notes. — P. Brodkorb.

Those who contributed articles of ornithological interest were William L. Kells, L. Brice, G.F. Breninger, Charles Keeler, W. Hull, A. W. Shields, Albert G. Price, Frank H. Cooper, W. H. Foote.

— G. S. Guion.

MINNESOTA BIRD CLUB, see **THE FLICKER**

MINNESOTA ORNITHOLOGISTS' UNION, see **THE FLICKER**

MOHAWK STANDARD, see **COLLECTORS STANDARD**

MURRELET; a journal of northwestern ornithology and mammalogy.

Vol. 1- , May 1920- . Seattle, Washington, Pacific northwest bird and mammal society, 1920- .

Illus. 28, 25½ cm.

Published every 4 months, January, May, and September.

Subtitle varies. "Official bulletin of the Pacific Northwest Bird and Mammal Society."

Editors: May 1920-May 1938, Frank S. Hall. Jan. 1939-Dec. 1940, Victor B. Sheffer. January 1941-December 1951, Martha R. Flahaut. January 1952- , Gordon D. Alcorn.

Volumes 1-10 were mimeographed by the State Museum, University of Washington, for the Pacific Northwest Bird and Mammal Society.

With volume 11, the Murrelet appeared in printed form published by the Pacific Northwest Bird and Mammal Society. At this time the size was reduced from 28 cm. to 25½ cm.

Volume 1 contains only 2 numbers. Beginning with volume 2, 3 numbers per year appeared regularly with the exception of volumes 18 and 19; number 3 of these volumes was never published.

Library has: Vols. 1-5, title page and index, 1920-1924: 2 pp., i-xiv.

Vol. 1, Nos. 1-2, May, Sept. 1920: 1-10₁, 11-11. (On title page of No. 1, reprinted January 1921 and April 1926. No. 2, is a second edition).

Vol. 2, Nos. 1-3, Jan.-Sept. 1921: 1-16, 1-18, 1-15. (On title page of No. 3, reprinted April 1926).

Vol. 3, Nos. 1-3, Jan.-Sept. 1922: 1-20, 3 photographs, 1-19, 1-18.

Vol. 4, Nos. 1-3, Jan.-Sept. 1923: 1-18, 1-19, 1-19.

Vol. 5, Nos. 1-3, Jan.-Sept. 1924: 1-15, 3 photographs, 1-14, 1-13.

-- --- Index, Vols. 1-5, 1920-1924: i-xiv.

Vol. 6, Nos. 1-3, Jan.-Sept. 1925: 1-70, 1 pl.

Vol. 7, Nos. 1-3, Jan.-Sept. 1926: 1-75.

Vol. 8, Nos. 1-3, Jan.-Sept. 1927: 1-85.

Vol. 9, Nos. 1-3, Jan.-Sept. 1928: 1-76.

Vol. 10, Nos. 1-3, Jan.-Sept. 1929: 1-80.

-- --- Index, Vols. 6-10, 1925-1929: i-xxii.

Vol. 11, Nos. 1-3, Jan.-Sept. 1930: 1-85. (No. 2, erroneously paged 1-23).

Vol. 12, Nos. 1-3, Jan.-Sept. 1931: 1-93.

Vol. 13, Nos. 1-3, Jan.-Sept. 1932: 1-100.

Vol. 14, Nos. 1-3, Jan.-Sept. 1933: 1-84.

Vol. 15, Nos. 1-3, Jan.-Sept. 1934: 1-92.

-- --- Index, Vols. 11-15, 1930-1934: 1-22, supplement, 2 pp.

Vol. 16, Nos. 1-3, Jan.-Sept. 1935: 1-76.

Vol. 17, Nos. 1-3, Jan.-Sept. 1936: 1-60. (Nos. 2-3, a double number).

Vol. 18, Nos. 1-2, Jan.-May 1937: 1-38, 1 pl. (No. 3, not published. Nos. 1-2, a double number).

Vol. 19, Nos. 1-2, Jan.-May 1938: 1-32, 1 pl. (No. 3, not published. Nos. 1-2, a double number).

- Vol. 20, Nos. 1-3, Jan.-Dec. 1939: 1₁-72.
 --- Index, Vols. 16-20, 1935-1939: i-xii.
 Vol. 21, Nos. 1-3, Jan.-Dec. 1940: 1₁-76, 1 pl.
 Vol. 22, Nos. 1-3, Jan.-Dec. 1941: 1₁-67, 2 pls.
 Vol. 23, Nos. 1-3, Jan.-Dec. 1942: 1-88.
 Vol. 24, Nos. 1-3, Jan.-Dec. 1943: 1₁-48.
 Vol. 25, Nos. 1-3, Jan.-Dec. 1944: 1₁-48.
 --- Index, Vols. 21-25, 1940-1944: i-xi.
 Vol. 26, Nos. 1-3, Jan.-Dec. 1945: 1₁-48.
 Vol. 27, Nos. 1-3, Jan.-Dec. 1946: 1₁-56.
 Vol. 28, Nos. 1-3, Jan.-Dec. 1947: 1₁-48, 1 pl.
 Vol. 29, Nos. 1-3, Jan.-Dec. 1948: 1₁-52, Pls. I-II.
 Vol. 30, Nos. 1-3, Jan.-Dec. 1949: 1₁-63.
 --- Index, Vols. 26-30, 1945-1949: i-x.
 Vol. 31, Nos. 1-3, Jan.-Dec. 1950: 1₁-51, 1 pl.
 Vol. 32, Nos. 1-3, Jan.-Dec. 1951: 1₁-46, 3 pls.
 Vol. 33, No. 1- , Jan.-1952- 1₁ - .
 Covers on Vols. 1-33; included in paging Vol. 24- .

The Murrelet must be ranked among the more outstanding natural history journals in America. It is of the utmost importance to the student of birds and mammals of the Pacific Northwest. —
 — P. Brodtkorb.

MUSEUM; a journal devoted to research in natural science. Vols. 1-6, No. 5, Nov. 15, 1894-Mar. 15, 1900. Albion, New York, W. F. Webb, Museum publishing co., 1894-1900.
 Illus. 25½ cm.

Monthly.

Subtitle varies.

In volume 6, number 5, it was announced that the next number would be combined with the Naturalist, Farm and Fanciers' Review, edited by H. W. Kerr, Blencoe, Iowa, published in Albion, New York.

Editor: Walter F. Webb.

Listed by Burns.

No more published.

Library has: Vol. 1, title page and index, 1₁-viii. Nos. 1-12, Nov. 1894-Oct. 1895: 1-376.

Vol. 2, title page and index, 3 pp. Nos. 1-12, Nov. 1895-Oct. 1896: 1₁-288.

Vol. 3, title page and index, 4 pp. Nos. 1-12, Nov. 1896-Oct. 1897: 1₁-192.

Vol. 4, title page and index, 2 pp. Nos. 1-12, Nov. 1897-Oct. 1898: 1₁-192.

Vol. 5, title page and contents, 2 pp. Nos. 1-12, Nov. 1898-Oct. 1899: 1₁-192.

Vol. 6, Nos. 1-5, Nov. 1899-Mar. 1900: 1₁-80. (No. 1, erroneously marked Vol. 4).

Covers on each volume.

The following contributed articles on ornithology: Chester Barlow, J. H. Bowles, James Savage, Adolph B. Covert, O. Widman, A. H. Norton, E. H. Forbush, John W. Daniel, Wm. L. Dawson, R. M. Anderson. — G. S. Guion.

MUSEUM; an illustrated monthly journal for collectors of all classes and young naturalists. Vol. 1, Nos. 1-4, May-Aug. 1885. Philadelphia, Pennsylvania, Wm. F. Fell & co., 1885. Illus. 23 cm.

Monthly.

According to Burns it merged with the American Antiquarian, Clinton, Wisconsin.

Editor: Edwin AtLee Barber.

No more published.

Library has: Vol. 1, Nos. 1-4, May-Aug. 1885: 1, -68, 1 pl. Covers.

A distinctly superior popular journal, especially for its time. Contains an article by Joseph Leidy, one by Edward D. Cope, and several by Thomas G. Gentry (one of them a biographical sketch of Cope). — J. Van Tyne.

MUSEUM BULLETIN; devoted to the interest of collectors of all classes and the public in general. Vol. 1, Nos. 1-9, May 1886-Feb. 1887. Lake Village, Weirs, New Hampshire, 1886-1887. 30 cm.

"12 numbers per year."

Editor: C. P. Wilcomb.

"In the Curiosity World, volume 2, number 2, September 1887, there is an announcement by Charles P. Wilcomb that he has "transferred the Museum Bulletin to Mr. John M. Hubbard, publisher of the Curiosity World. All subscribers to the Bulletin will receive the World until the expiration of their subscription.'" — G. S. Guion.

Numbers 7-9 published in Weirs, New Hampshire.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 6-9, Oct. 1886-Feb. 1887: each number paged separately, 1, -4.

Ornithology altogether from exchanges. — F. L. Burns.

NATIVE LIFE; bulletin of the society of friends of our native wild life. Vols. 1-2, No. 1, 1921-Mar. 1922. Bismarck, North Dakota, Published by the society, 1921-1922. Illus. 22½ cm.

Volume 1, number 1 states that the magazine will be published bi-monthly. Volume 1, number 2 and volume 2, number 1 state that it

will be published quarterly.

Editor: Melvin R. Gilmore.

Our file probably complete according to the editor.

No more published.

Library has: Vol. 1, No. 1 (not dated): 1₁-8. No. 2, Dec. 21, 1921:
1₁-8.

Vol. 2, No. 1, Mar. 22, 1922: 1₁-8.

Emphasis was placed on Indian folklore and conservation.

— P. Brodkorb.

The following contributed articles on ornithology: Melvin R. Gilmore, Russell Reid, Dr. George B. Grinnell, Florence H. Davis.

— G. S. Guion.

NATURAL HISTORY COLLECTORS' MONTHLY. Vol. 1, Nos. 1-4, Aug.-Nov. 1893. Newburgh, New York, J. B. Peck, 1893. 22 cm.

Monthly.

Title also reads: Collectors' Monthly; devoted to oology, ornithology and entomology; and sometimes as Collectors' Natural History Monthly. Burns states that it filled the unexpired subscriptions of the Collectors' Monthly, Danielsonville, Connecticut, and the Oologists' Journal, Poughkeepsie, New York.

Editor: J. B. Peck.

Burns lists only volume 3, numbers 1-4. This is probably a misprint, for there is no indication that more than volume 1, numbers 1-4 were published.

No more published.

Library has: Vol. 1, Nos. 1-4, Aug.-Nov. 1893: 1₁-32. Covers.

Trade journal. Contains an unfinished list of the birds of Long Island by W. W. Worthington. — P. Brodkorb.

NATURAL HISTORY SOCIETY OF HARTFORD. TRANSACTIONS . . . No. 1, 1836. Hartford 1 Connecticut, Printed for the society, Case, Tiffany & co., printers, 1836. 22 cm.

Editors: Publishing committee, A. Halsey, S. B. Beresford, J. J. Abernethy, W. W. Turner, J. Smyth Rogers.

Not listed by Burns.

No more published.

Library has: No. 1, 1836: 4 pp., incl. title page, 2 leaves 1₅-91. Covers.

A paper on new and little-known North American Coleoptera by T. W. Harris is the only scientific contribution in this journal.

— J. Van Tyne.

NATURAL HISTORY SOCIETY OF MARYLAND. BULLETIN, see
MARYLAND NATURALIST

NATURAL SCIENCE JOURNAL. Vol. 1, Nos. 1-2, Mar.-Apr. 1897.
New Bedford, Massachusetts, Atlantic scientific bureau, 1897.
23 cm.

Monthly.

Editors: Managing editor, Frederic G. Hillman. Department editors:
Geology, G. K. Greene. Anthropology, John S. Silvia. Mineralogy,
C. T. Morgan. Ornithology and oology, W. A. Stearns. Conchology,
Robert E. Briggs. Microscopy, Arthur M. Edwards. Physiology and
Hygiene, A. L. Benedict.

According to F. Hillman, editor, only 2 numbers were published.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-2, Mar.-Apr. 1897: 1₁-60. Covers.

"List of the Birds of Georgia," by Dr. M. T. Cleckley, the only
ornithological matter. — G. S. Guion.

NATURAL SCIENCE NEWS; a weekly journal devoted to natural history.
Vols. 1-2, No. 14; Feb. 2, 1895-May 2, 1896. Albion, New York,
F. H. Lattin, 1895-1896.
Illus. 30½ cm.

Weekly.

Burns states that the suspended subscriptions were filled by Popular
Science News.

Editor: Frank H. Lattin.

No more published.

Library has: Vol. 1, Nos. 1-52, Feb. 2, 1895-Jan. 25, 1896: 1₁-208.
Vol. 2, Nos. 1-14, Feb. 1, 1896-May 2, 1896: 1₁-60. No. 13 contains
the index and title page to Vol. 1 and No. 14 contains the index to
Vol. 2. Vol. 2 is also numbered, whole numbers 53-66.

Primarily an advertising medium. Contains a list of birds of
western New York and other original contributions. — P. Brodtkorb.

NATURALIST; a monthly magazine devoted to natural science. Vol. 1,
Nos. 1-9, Jan.-Sept. 1894. Austin Texas, H. Sterzing, 1894.
Illus. 22½ cm.

Monthly.

Subtitle varies.

In July 1894, it absorbed the American Magazine of Natural Science,
Sac City, Des Moines, Iowa, etc. After the double number of August-

September 1894, it merged into the Oregon Naturalist, November-December 1894. For more information see Oregon Naturalist.

Editor: Herbert Sterzing.

No more published.

Library has: Vol. 1, Nos. 1-9, Jan.-Sept. 1894: 1₁-104. Covers. (Nos. 8-9, a double number).

Notes on Indians, egg collecting, and a list of birds of Wise County, Texas. — P. Brodtkorb.

The following contributed articles on ornithology: Chester Barlow, Curtis Wright, jr., Isador S. Trostler, Mary A. Laughlin, Jesse W. Miller, John A. Donald, R. L. More, Archie Crozier, H. Davis Ackerly, Geo. H. Davis, Adolph Stretcher, John A. Bryant, James L. Carroll, C. C. Purdum, and the editor. — G. S. Guion.

NATURALIST, a monthly magazine devoted to natural science, see OREGON NATURALIST

NATURALIST; a monthly magazine devoted to ornithology and oology.

Vol. 1, No. 1- ? April 1894- ? Mackinaw, Illinois, Warner & Pitman, 1894- ?
19 cm.

Editors: Warner & Pitman.

Not listed by Burns, Casey A. Wood, or Guion.

Library has: Vol. 1, No. 1, Apr. 1894: 1₁-16.

NATURALIST; containing treatises on natural history, chemistry, domestic and rural economy, manufactures and arts. Vols. 1-2, Dec. 1830-Dec. 1832. Boston, Massachusetts, Peirce and Parker [etc., etc.], 1831-1832.
Illus. 22½ cm.

Monthly.

Editor: D. J. Browne.

No number issued for January 1831, according to Library of Congress printed card and Union List of Serials.

Both volumes 1-2 contain 12 numbers each.

No more published.

Library has: Vol. 1, Nos. 1-12, Dec. 1830-Dec. 1831: title page, preface and contents, 4 pp., 1-380, 12 pls. Covers.

Vol. 2, Nos. 1-5, Jan.-May 1832: 1₁-160. Covers. (Nos. 6-12 lacking).

Contains general articles on birds, silk culture, conchology, botany, etc., and reviews of works including Buffon's Natural History and Nuttall's Manual of Ornithology. — R. W. Storer.

NATURALIST; devoted entirely to the study of ornithology and geology.
Vol. 1, No. 1, 1893. Des Moines, Iowa, Naturalist publishing co.,
1893.

Illus. 25 cm.

Monthly.

Editor: According to Burns is Letson Balliet.

No more published.

Library has: Vol. 1, No. 1, 1893: 1₁-8. Covers.

Trade journal. — P. Brodtkorb.

NATURALIST; devoted to ornithology, taxidermy, geology, etc.,
see KANSAS CITY SCIENTIST

NATURALIST; devoted to the interests of the amateur science club.

Vols. 1-2, No. 5, June 1879-Apr. 1880. Hudson, Michigan, 1879-1880.
20½ cm.

Monthly.

Editor: John H. Boies.

The editor announced in volume 2, number 5 that he would be 16 years
of age, July 16, 1880.

Volume 1, contains 6 numbers, and volume 2, 5 numbers according to
Guion.

Not listed by Burns or Casey A. Wood.

No more published.

Library has: Vol. 1, Nos. 1-5, June-Nov. 1879: 1₁-24. (Pages of
Nos. 1-2, unnumbered).

Vol. 2, Nos. 1-5, Dec. 1879-Apr. 1880: 25₁-44. (Pages of No. 4,
unnumbered).

The only ornithological matter — "Arranging Birds and Eggs," by
the editor in volume 1, number 1 and in volume 2, number 2, "Ornith-
ology" by Wilson R. Hurd. — G. S. Guion.

NATURALIST AND COLLECTOR; a journal devoted to the study of
natural science. Vol. 1, Nos. 1-3, June-Aug. 1895. Abingdon, Illinois,
The Shoop pub. co., 1895.

Illus. 22 cm.

Monthly.

Subtitle varies.

Burns states that the suspended subscriptions were filled by the
Oregon Naturalist.

Editor: P. Wilbur Shoop.

No more published.

Library has: Vol. 1, Nos. 1-3, June-Aug. 1895: 1₁-75. Covers.

A well-printed little journal, but with little original material.
— P. Brodkorb.

The following contributed articles on birds: M. Goodman, J. R. Keanan, J. D. Gorham, J. R. Bronson, O. L. Scott, N. Raymond Reed, R. Cliff Rice, Norman A. Wood, Chas. Reynolds, Bijorn G. Scott, Wahltre Behym, Watson Balkesley, Morris Gibbs, M.D. — G. S. Guion.

NATURALIST AND FANCIER. Vols 1-3, No. 2, 1877-1879. Grand Rapids, Michigan, C.W. Gunn, 1877-1879.
Illus. 18, 26 cm.

Monthly. In volume 2, number 3, this announcement was made: "We are compelled by circumstances over which we have no control to issue the Naturalist and Fancier hereafter as a quarterly. The remaining numbers for this year will be issued on the 25th of the following months, June, Sept., Dec. This not a permanent change. We hope to be enabled to resume the monthly issue with volume 3." According to G. S. Guion, "only the January, February and March numbers for 1878 were issued as evidenced by the following announcement, which appeared in volume 3, number 1, January 1879: 'In March of last year we were compelled on account of absence from home to give up the publication of the Naturalist and made arrangements with the editors of the Western Oologist 1_{Milwaukee, Wis.} 1878, to supply our subscribers with their publication. Having received inducements from friends, we have concluded to continue the publication'." An announcement also appeared in the Western Oologist, volume 1, number 4, June 1878, signed by C. W. Gunn that all subscribers would be supplied with the Western Oologist until their subscriptions expired. Editor: Charles W. Gunn.

Not listed by Burns. Casey A. Wood lists 12 numbers for volume 1, 3 numbers for volume 2, 2 numbers for volume 3, although not in the library. According to G. S. Guion, "it was announced in volume 2 number 1, January 1878 that: 'The December number of this paper 1_{was}1, unavoidably omitted and subscribers will receive the present number. . .,' which means that number 11 was the last number of volume 1."

No more published.

Library has: Vol. 1, Nos. 2-5, 9, Feb.-May, Sept. 1877: 1₅-22, 1₃₅-38.
(Nos. 1, 6-8, 10-11, lacking).

Vol. 2, Nos. 1-3, Jan.-Mar. 1878 1₁-24.

Vol. 3, Nos. 1-2, Jan.-Feb. 1879: 1₁-8.

A trade journal, but contains some original data on the occurrence or nesting of birds in Michigan and elsewhere. — P. Brodkorb.

Those who contributed were Chas. W. Gunn, B. J. Peckham, G. B. Sudworth, R. M. Gibbs, Walter Douglass, W. F. Greany, G. H. Ragsdale, W. H. Hughes, J. V. Richardson, C. W. Strumberg, J. T. Walker, R. B. Trouslot. — G. S. Guion.

NATURALIST AND FANCIERS' REVIEW; a monthly journal devoted to the naturalist, farm and fanciers' interests. Vols. 1-2, No. 8?: Mar. 1890-Dec. 1900? Albion, New York; Blencoe, Iowa. H. W. Kerr, 1899-1900?

Illus. 22 $\frac{1}{2}$, 26 $\frac{1}{2}$, 29 cm.

Monthly.

Title varies: Volumes 1-2, number 7 (?) as Naturalist, Farm and Fanciers' Review. In volume 2, number 2, April 1900, a notice appeared that the Museum, Albion, New York, had been consolidated with the Naturalist, Farm and Fanciers' Review. At this time the Western Poultry Fancier, Shannon City, Iowa, also consolidated with the Naturalist, Farm and Fanciers' Review. In the May 15, 1901, number of Farm, Stock and Fireside an announcement was made that the Naturalist and Fanciers' Review had been purchased and incorporated in Farm, Stock and Fireside.

Editor: H. W. Kerr. Each department was edited separately. Natural history department by Isador S. Trostler.

No definite information has been obtained concerning the number of volumes published. Volume 1, number 1 was published in March 1899 and as the Naturalist and Fanciers' Review was purchased by Farm, Stock and Fireside, in May 1901; the former probably ceased publication sometime between December 1900 and May 1901.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Mar. 1899: 8 pp. No. 2, Apr. 1899: 12 pp. No. 3, May 1899: 10 pp. No. 4, June 1899: 10 pp. No. 5, July 1899: 12 pp. No. 6, Aug. 1899: 12 pp. Nos. 8-9, Oct.-Nov. 1899: 12 pp. Covers on all numbers except Nos. 1-2.

Vol. 2, No. 2, Apr. 1900: 16 pp. No. 3, May 1900: 15 pp. No. 4, June 1900: front., 10 pp. No. 7, Sept. 1900: 6 pp.; 1 pl. No. 8, Dec. 1900: 14 pp. Covers on all except No. 7.

The "Natural History Department" and the "Department of Conchology, Mineralogy, and Archaeology" occupy a couple of pages in each number. — P. Brodtkorb.

Articles on ornithology, by Isador S. Trostler, G. W., A.B.F., H. W. Kerr, Guy C. Rich, W. J. Stull, Ruth Huff, Bertha King, F.N.C. — G. S. Guion.

NATURALIST, FARM AND FANCIERS' REVIEW, see NATURALIST AND FANCIERS' REVIEW

NATURALIST TEACHER; for teachers and school officers. Vol. 1, Nos. 1-10? June 1892-May 15, 1893? Ypsilanti, Michigan, C. D. McLouth, 1892-1893? 25 cm.

Published the 15th of each month except June and July.

Editor: C. D. McLouth.

Not listed by Burns.

Probably no more published.

Library has: Vol. 1, Nos. 1, 7-10, June 1892, Feb.-May 1893: each number paged separately \uparrow 1₁-8, \uparrow 1₁-8, \uparrow 1₁-12, \uparrow 1₁-12. (Nos. 8-9, a double number. Nos. 2-6 lacking).

Teaching suggestions and essays by pupils. — P. Brodkorb.

NATURALISTS' AGENCY MONTHLY BULLETIN, see NATURALISTS' LEISURE HOUR AND MONTHLY BULLETIN

NATURALIST'S BULLETIN. Vol. 1, Nos. 1- ? Jan. 1888- ? Albion, New York, F. H. Lattin, 1888- ?
23 cm.

"Published occasionally (at least three times per annum) and circulated gratuitously by Frank H. Lattin."

Editor: Frank H. Lattin.

Probably about 3 numbers were issued.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Jan. 1888: 8 pp., Supp. 2 pp.

Advertising only. — P. Brodkorb.

NATURALISTS' COMPANION; an illustrated monthly published in the interest of natural history. Vols. 1-2, No. 6, July 1885-Jan. 1887. Brockport, New York, C. P. Guelf, 1885-1887.
Illus. 22½, 24½ cm.

Monthly.

Subtitle varies.

Burns states that in May 1887, it was announced that this magazine was suspended and the subscriptions transferred to the West American Scientist.

Editor: Charles P. Guelf.

The size changed after volume 1, number 9 from 22½ to 24½ centimeters.

Burns lists 12 numbers for volume 1 and 6 numbers for volume 2 with the last date of publication as January 1887.

No more published.

Library has: Vol. 1, Nos. 2-6, 8-12, Aug.-Dec. 1885, Feb.-June 1886: \uparrow 19₁-94, \uparrow 115₁-198. Covers included in paging. (Nos. 8-9, a double number. Nos. 1 and 7 lacking).

Vol. 2, Nos. 1-4, 6, Aug.-Nov. 1886, Jan. 1887: 1₁-88. Covers.
 (Paging is continuous from Nos. 4 to 6, indicating that number 5 may not exist although it is listed by Burns).

A trade journal with many miscellaneous natural history notes.
 — P. Brodkorb.

NATURALISTS' JOURNAL; a monthly paper devoted to natural history and science and the cause of the Agassiz association. Vols. 1-2, No. 6, Mar. 1884-Aug. 1885. Frankfort, Philadelphia, Pennsylvania, 1884-1885.

26 cm.

Monthly.

Editor: Robert T. Taylor.

Guion lists 12 numbers for volume 1: March 1884-December 1884, for numbers 1-10; January-February 1885, for numbers 11-12.

Burns states that he has not seen volume 1, but lists volume 2 with 6 numbers.

No more published.

Library has: Vol. 1, Nos. 4, 7, 11, June, Sept. 1884; Jan. 1885: 1₂₅-32, 1₄₉-56, 1₈₁-88. Covers.

Vol. 2, Nos. 1-4, Mar.-June 1885: 1₉₇-128. Covers. (Nos. 1-2, a double number).

Contains W. T. Demarest's "Audubon." — F. L. Burns.

NATURALISTS' LEISURE HOUR AND MONTHLY BULLETIN;
 science and practice. Years 1-19, Nos. 1-161, Jan. 1877-Oct. 1895.
 Philadelphia, Pennsylvania, A.E. Foote, 1877-1895.

Illus. 23 cm.

Monthly.

Title varies: Number 1 as Naturalists' Agency Monthly Bulletin.

Editor: A. E. Foote.

Burns lists only numbers 1-140 and Union List lists 1-161.

No more published.

Library has: 5th Year, No. 9, Sept. 1881: 1₁-16₁.

11th Year, No. 105, June 1887: 1₁-32.

12th Year, No. 108, Mar. 1888: 32 pp.

14th Year, No. 118, Aug. 1890: 1₁-132₁.

15th Year, No. 130, Dec. 1891: 32 pp.

16th Year, No. 132, Feb. 1892: 1₁-32. No. 135, May 1892: 32 pp.

Consists entirely of price lists and a few news items.

— P. Brodkorb.

NATURALISTS' QUARTERLY; a magazine devoted to the interests of natural history in all its branches. Vol. 1, Nos. 1-2, Jan., Apr. 1880. Salem, Massachusetts, Naturalists' bureau, 1880. Illus. 23 cm.

Quarterly.

Editor: George A. Bates.

Burns lists only volume 1, number 1, January 1880. Volume 1, number 2 was published in April 1880.

No more published.

Library has: Vol. 1, No. 1, Jan. 1880: 1-40.

A trade journal largely devoted to price lists of books and natural history supplies, but also contains instructions on taxidermy, pottery making, and a few natural history notes. — P. Brodkorb.

NATURALISTS' REVIEW; devoted exclusively to natural science.

Vol. 1, No. 1, Mar. 1895. Boston, Massachusetts, Shrieves & Durland, 1895.

23½ cm.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Mar. 1895: front. (port) 15, 22. Covers.

Contains a short biography of Aristotle by Kellogg Durland. Ornithological matter taken from Exchanges. — G. S. Guion.

NATURE, see **NATURE'S REALM**

NATURE AND ART, see **BIRDS AND NATURE MAGAZINE**

NATURE AND CULTURE, see **BLUE BIRD**

NATURE CLUB OF SOUTHERN CALIFORNIA, see **OUZEL**

NATURE LORE, see **SNOWY EGRET**

NATURE NOTES; the magazine of outdoor information. Vols. 1-9, No. 5, Jan. 1936-Feb. 1943. Peoria, Illinois, J. H. Sedgwick, 1936-1943. Illus. 22 cm.

Monthly.

Editor: James H. Sedgwick.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan.-June 1936: 1₁-131.
 Vol. 2, Nos. 1-6, July-Dec. 1936: 1₁-130.
 Vol. 3, Nos. 1-6, Jan.-June 1937: 1₁-150.
 Vol. 4, Nos. 1-6, July-Dec. 1937: 1₁-127.
 Vol. 5, Nos. 1-10, Jan.-Dec. 1938: 1₁-260.
 Vol. 6, Nos. 1-11, Jan.-Nov. 1939: 1₁-232₁.
 Vol. 7, Nos. 1-12, Jan.-Dec. 1940: 1₁-304₁.
 Vol. 8, Nos. 1-12, Jan.-Dec. 1941: 1₁-312₁.
 Vol. 9, Nos. 1-5, Jan. 1942-Feb. 1943: 1₁-64.
 Covers included in paging, Vols. 1-8; Vol. 9, No. 5. (No covers,
 Vol. 9, Nos. 1-4).

Articles of a popular nature. — P. Brodtkorb.

NATURE STUDY; published under the auspices of the Manchester
 institute of arts and sciences. Vols. 1-5, No. 2, June 1900-July 1904.
 Manchester, New Hampshire, Nature study press, 1901-1904.
 Illus. 23½ cm.

Monthly.

Editor: Edward J. Burnham. Associate editors: Frederick W. Batchelder, William F. Huse, Susy C. Fogg, Theodore Richardson, George I. Hopkins.

Listed by Burns and Casey Wood.

No more published.

Library has: Vol. 1, Nos. 1-12, June 1900-May 1901: title page, 2 pp.,
 contents 1₁-iv, 1₁-198.
 Vol. 2, Nos. 1-12, June 1901-May 1902: title page, 1 l., contents
 1₁-iv, 1₁-214, 6 pls.
 Vol. 3, Nos. 1-12, June 1902-May 1903: 1₁-240, 15 pls.
 Vol. 4, Nos. 1-12, June 1903-May 1904: title page, 1 l., contents
 1₁-v, 1₁-340, 11 pls.
 Vol. 5, Nos. 1-2, June-July 1904: 1₁-40, 2 pls.
 Covers on each volume.

The following contributed articles on birds: Theodora Richardson, Annie V. Batchelder, Edward J. Burnham, Ella Hope, Alberta A. MacLeod, Mary Hazen Arnold, Edgar D. Cass, Frederick W. Batchelder, Ralph Hoffman, Dorothy May, Bertie M. Phillips, W. R. Varick, William H. Huse, Guy Emerson, O. H. Leavitt, Alice Blake Currier, Stephen D. Parrish, O. M. Meynecke. — G. S. Guion.

NATURE STUDY IN SCHOOLS; conducted by C. J. Maynard. Vol. 1,
 Nos. 1-12, Feb.-Jan. 1900. West Newton, Massachusetts, 1899-1900.
 Illus. 25 cm.

Monthly.

Editor: C. J. Maynard.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Feb. 1899-Jan. 1900: {1, -274, incl. index, Pls. I-X. Covers. (Nos. 5-6, 7-8, 11-12, double numbers. No. 12 erroneously dated January 1899, and 189-196 omitted in numbering of pages).

Many interesting articles on the various branches of natural history, including ornithology. — G. S. Guion.

NATURE'S REALM; a monthly magazine of popular natural history. Vols. 1-2, No. 5 ? Jan. 1889?- May 1891? New York, Harris publishing co., 1889?-1891.

Illus. 25½ cm.

Monthly.

Title varies: Volume 1 as Nature. According to a note in volume 2, number 1, p. 39, of Nature's Realm, "The thirteen numbers of Nature which were published constitute the first volume of Nature's Realm, which is, however, issued under a new proprietorship and occupies a field of its own, no other publication in America being devoted entirely to natural history popularized in all its branches." Editor: for volume 2, William C. Harris.

Burns states that this magazine appears to be scarce and that he does not know how many numbers appeared. He lists 5 numbers for volume 2. Union List records 2 volumes but no information about the number of issues per volume.

No more published?

Library has: Vol. 2, Nos. 1, 4, Jan., Apr. 1891: {1, -39, {121, -160. Covers. (No. 4 is an incomplete copy).

Consists of hunting anecdotes and articles of a general nature on various natural history topics. — P. Brodkorb.

The following contributed articles on birds: Frederic Howard, James Cameron, T. O. Russell, Dr. Morris Gibbs, M.B.M. Toland, Stewart E. White, J. H. Morrow, A. C. Kempton, Francis A. Knight, and several unsigned items. — G. S. Guion.

NEBRASKA BIRD REVIEW; a review of Nebraska ornithology. Vol. 1, No. 1- , Jan. 1933- . Lincoln, Nebraska, Nebraska ornithologists' union, 1933- .

Illus. 23 cm.

Quarterly, volumes 1-5; published in January, April, July, and October. Semiannually, volume 6- ; published in January-June and July-December.

Subtitle varies: volume 6- , a magazine of the ornithology of the Nebraska region.

With volume 6 a new stiff paper cover was used with a design of the Western Burrowing Owl by George Miksch Sutton.

Editors: January 1933-June 1941, Myron H. Swenk. July 1941-June 1946, F. W. Haecker. July 1946-June 1948, Edson Fichter. July 1948- , William F. Rapp, jr.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1933: 1₁-159, incl. index.
 Vol. 2, Nos. 1-4, Jan.-Oct. 1934: 1₁-151, incl. index.
 Vol. 3, Nos. 1-4, Jan.-Oct. 1935: 1₁-159, incl. index.
 Vol. 4, Nos. 1-4, Jan.-Oct. 1936: 1₁-104, incl. index.
 Vol. 5, Nos. 1-4, Jan.-Oct. 1937: 1₁-116, incl. index.
 Vol. 6, Nos. 1-2, Jan.-Dec. 1938: Index 1₁-4, 1-48.
 Vol. 7, Nos. 1-2, Jan.-Dec. 1939: Index 1₁-4, 1-48.
 Vol. 8, Nos. 1-2, Jan.-Dec. 1940: Index 1₁-4, 1-108.
 Vol. 9, Nos. 1-2, Jan.-Dec. 1941: Index 4 pp., 1-48.
 Vol. 10, Nos. 1-2, Jan.-Dec. 1942: Index 4 pp., 1-58, 1 pl.
 Vol. 11, Nos. 1-2, Jan.-Dec. 1943: Index 1₁-6, 1₁-52.
 Vol. 12, Nos. 1-2, Jan.-Dec. 1944: Index 1₁-4, 1-56.
 Vol. 13, Nos. 1-2, Jan.-Dec. 1945: Index 2 pp., 1-72.
 Vol. 14, Nos. 1-2, Jan.-Dec. 1946: 1-56.
 Vol. 15, Nos. 1-2, Jan.-Dec. 1947: each number paged separately, 1-39, 1-64, 5 folded tables, index 4 pp.
 Vol. 16, Nos. 1-2, Jan.-Dec. 1948: 1-98, 1 p., index 6 pp.
 Covers on each volume.

An important source of information on the distribution and migration of Nebraska birds. — P. Brodkorb.

NEBRASKA ORNITHOLOGISTS' UNION. LETTERS OF INFORMATION. Nos. 1-68, Jan. 1, 1925-Nov. 15, 1932. Lincoln, Nebraska, 1925-1932.
 28 cm.

Editor: Myron H. Swenk.

Mimeographed.

In a letter with the last number the editor announces the discontinuance of the Letters of Information and that they will be superseded by the Nebraska Bird Review.

No more published.

Library has: No. 1, Jan. 1, 1925: 1 p. No. 2, Feb. 1, 1925: 1 p. No. 3, Mar. 1, 1925; 1 p. No. 4, Apr. 1, 1925: 2 pp. No. 5, May 1, 1925: 4 pp. No. 6, May 15, 1925: 1₁-4. No. 7, July 1, 1925: 1₁-2, chart 1₁-6. No. 8, Oct. 15, 1925: 1₁-2. No. 9, Nov. 1, 1925: 1₁-2. No. 10, Dec. 1, 1925: 1₁-4. No. 11, Jan. 15, 1926: 1₁-4. No. 12, Feb. 15, 1926: 1₁-4. No. 13, Mar. 1, 1926: 1₁-4. No. 14, Apr. 1, 1926: 1₁-4. No. 15, Apr. 20, 1926: 1₁-4. No. 16, May 5, 1926: 1₁-4. No. 17, July 15, 1926: 1₁-10. No. 18, Sept. 20, 1926: 1₁-2, chart 1₁-6. No. 19, Jan. 15, 1927: 1₁-6. No. 20, Feb. 10, 1927: 1₁-2. No. 21, Apr. 10, 1927: 1₁-3. No. 22, May 5, 1927: 1₁-4. No. 23, July 1, 1927: 1₁-8, chart 1₁-6. No. 24, Oct. 10, 1927: 1₁-4. No. 25, Nov. 15, 1927: 1₁-4.

No. 26, Dec. 1, 1927: 1₁-4. No. 27, Jan. 1, 1928: 1₁-2. No. 28, Jan. 15, 1928: 1₁-2. No. 29, Mar. 1, 1928: 1₁-4, 1 p. No. 30, Apr. 5, 1928: 1₁-6. No. 31, 1₁-4. No. 32, July 1, 1928: 1₁-10, 1 p. No. 33, Sept. 20, 1928: 1₁-4, chart 1₁-6. No. 34, Oct. 30, 1928: 1₁-6. No. 35, Dec. 1, 1928: 1₁-2. No. 36, Jan. 1, 1929: 1₁-2. No. 37, Feb. 1, 1929: 1₁-2. No. 38, Feb. 20, 1929: 1₁-2, 1 p. No. 39, Mar. 10, 1929: 1₁-4. No. 40, Apr. 1, 1929: 1₁-4. No. 41, Apr. 20, 1929: 1₁-2. No. 42, May 6, 1929: 1₁-4. No. 43, June 5, 1929: 1₁-8, chart 1₁-6. No. 44, Oct. 15, 1929: 1₁-8. No. 45, Dec. 1, 1929: 1₁-4. No. 46, Jan. 10, 1930: 1₁-4. No. 47, Feb. 10, 1930: 1₁-4. No. 48, Mar. 10, 1930: 1₁-2. No. 49, Apr. 1, 1930: 1₁-4. No. 50, May 1, 1930: 1₁-6. No. 51, June 10, 1930: 1₁-12, chart 1₁-6. No. 52, Sept. 1, 1930: 1₁-4. No. 53, Oct. 6, 1930: 1₁-4. No. 54, Dec. 1, 1930: 1₁-2. No. 55, Jan. 15, 1931: 1₁-2. No. 56, Feb. 5, 1931: 1₁-4. No. 57, Apr. 10, 1931: 1₁-4. No. 58, Apr. 20, 1931: 1₁-2. No. 59, May 10, 1931: 1₁-4. No. 60, June 10, 1931: 1₁-10, chart, 1₁-6. No. 61, Oct. 20, 1931: 1₁-4. No. 62, Dec. 5, 1931: 1₁-2. No. 63, Jan. 10, 1932: 1₁-4. No. 64, Mar. 1, 1932: 1₁-6. No. 65, Apr. 1, 1932: 1₁-6. No. 66, June 25, 1932: 1₁-14, chart 1₁-6. No. 67, Oct. 10, 1932: 1₁-4. No. 68, Nov. 15, 1932: 1₁-4, 1 p.

Contains many data appertaining to the bird life of Nebraska, by one fully qualified by knowledge and experience. In a circular letter in 1933 from Myron H. Swenk, he announced the discontinuance and The Nebraska Bird Review as its successor. A complete file is exceedingly rare. — G. S. Guion.

NEW ENGLAND BIRD-LIFE BULLETIN, see NEW ENGLAND MUSEUM OF NATURAL HISTORY. BOSTON. BULLETIN OF NEW ENGLAND BIRD-LIFE

NEW ENGLAND MUSEUM OF NATURAL HISTORY. BOSTON. BULLETIN OF NEW ENGLAND BIRD LIFE. Vols. 1-8, No. 11, Dec. 1, 1936-Dec. 1944. Boston, Massachusetts, New England museum of natural history, 1936-1944.

28 cm.

Monthly.

Succeeded by Records of New England Birds.

Editors: December 1936-March 1939, Juliet Richardson. March 16, 1939-January 1941, David L. Garrison. February 1941-July 1942, Roland C. Clement. August 1942-December 1942, Ruth D. Turner. January 1943-December 1944, Juliet Richardson Kellogg.

Mimeographed on one side of leaf only.

Volume 1 contains 14 numbers, volumes 2-6, contain 12 numbers each, volumes 7-8 contain 11 numbers each.

No more published.

Library has: Vol. 1, Nos. 1-14, Oct. 1936-Dec. 1937: $\{1_1-4, \{1_1-4, \{1_1-4, \{1_1-5, \{1_1-6, \{1_1-7, \{1_1-8, \{1_1-7, \{1_1-5, \{1_1-5, \{1_1-7, \{1_1-8, \{1_1-8, \{1_1-5.$

Vol. 2, Nos. 1-12, Dec. 1937-Dec. 1938: $\{1_1-6, \{1_1-5, \{1_1-6, \{1_1-8, \{1_1-8, \{1_1-6, \{1_1-6, \{1_1-5, \{1_1-6, \{1_1-8, \{1_1-7, \{1_1-5.$

Vol. 3, Nos. 1-12, Dec. 1938-Dec. 1939: $\{1_1-7, \{1_1-5, \{1_1-7, \{1_1-7, \{1_1-8, \{1_1-8, \{1_1-4, \{1_1-6, \{1_1-9, \{1_1-9, \{1_1-9, \{1_1-9, \text{index, i-iv; list of contributors, } \{1_1-4.$

Vol. 4, Nos. 1-12, Jan.-Dec. 1940: $\{1_1-94, \text{index, i-v; list of contributors } \{vi_1-x.$

Vol. 5, Nos. 1-12, Jan.-Dec. 1941: $\{1_1-104, \text{index, } \{i_1-v; \text{list of contributors } \{vi_1-x.$

Vol. 6, Nos. 1-12, Jan.-Dec. 1942: $\{1_1-104, \text{index } \{i_1-v. \text{ (Volume incorrectly numbered 7 on No. 2).}$

Vol. 7, Nos. 1-11, Jan.-Dec. 1943: $\{1_1-124, \text{index } \{i_1-vi.$

Vol. 8, Nos. 1-11, Jan.-Dec. 1944: $\{1_1-140, \text{index } \{i_1-v. \text{ (An extra page called 129a added to No. 10).}$

Contains brief summaries of the "season" and recent sight records of occurrence of birds in New England. — J. Van Tyne.

NEW ENGLAND NATURALIST; the magazine of the New England museum of natural history. Nos. 1-15, Dec. 1938-Feb. 1942. Boston, Massachusetts, Boston society of natural history, 1938-1942. Illus. 26 cm.

Quarterly.

G. S. Guion states that "In the first number it is said: 'Here is the first number of a new, popular publication on Natural History. It will replace the Bulletin. Like the Bulletin it will be published by the Boston Society of Natural History at its New England Museum of Natural History.' Number 15, February, 1942 was the last number issued. Suspended publication 'for the duration of the war,' the editor and his assistant having joined the service."

Editor: Clinton V. MacCoy.

Library has: No. 1, Dec. 1938: $\{1_1-20. \text{ No. 2, Mar. 1939: } \{1_1-28.$

No. 3, June 1939: 1-32. No. 4, Sept. 1939: $\{1_1-24. \text{ No. 5, Dec. 1939: } \{1_1-32. \text{ No. 6, Mar. 1940: } \{1_1-32. \text{ No. 7, June 1940: 1-32. No. 8, Sept. 1940: 1-32. No. 9, Dec. 1940: 1-32. No. 11, Oct. 1941: 1-8. Covers.}$

A well-printed, amply illustrated journal devoted mainly to local natural history. — P. Brodtkorb.

NEW HAMPSHIRE BIRD NEWS; newsletter of the Audubon society of New Hampshire. Vol. $\{1_1, \text{ No. 1- , June 1948- . Hanover, New Hampshire, 1948- . 28, } 25\frac{1}{2} \text{ cm.}$

Quarterly, volume 3-

Title varies: Volumes 1-3 as Audubon Society of New Hampshire Newsletter.

Editors: June 1948, Louise Forsyth. July 1949-April 1952, Tudor Richards. July 1952- , Mrs. Ralph Brainard.

Volume 1, 28 cm. and mimeographed. Volume 2 - , 25½ cm. and lithoprinted.

Library has: Vol. 1, No. 1, June 1948: 3 pp. (complete).

Vol. 2, Nos. 1-3, July, Sept., Dec. 1949: each paged 1-20. (complete?).

Vol. 3, Nos. 1-4, Feb., Spring, Nov., Dec. 1950: 1-24, 1-19, 1-16, 1-16.

Vol. 4, Nos. 1-4, Mar., Summer, Oct. 1951: 1-32, 1-40, 1-32. (Nos. 3-4, a double number).

Vol. 5, Nos. 1-4, Jan., Apr., July, Oct. 1952: 1-28, 1-27, 1-32, 1-22.

Covers on Vols. 4-5.

Primarily records of local interest. — R. W. Storer.

NEW JERSEY AND PENNSYLVANIA AUDUBON BULLETIN, see
NEW JERSEY AUDUBON BULLETIN

NEW JERSEY AUDUBON BULLETIN. Nos. 1-68, Mar. 1, 1913-
May 1, 1942. 1 Demarest, New Jersey, Audubon society of New Jersey
and Pennsylvania, 1913-1917; Newark, New Jersey, New Jersey
Audubon society, 1917-1942.

Illus., 23½ cm.

Published irregularly.

Title varies: March 1, 1913-April 1, 1914 as New Jersey and
Pennsylvania Audubon Bulletin. July 1, 1914-, New Jersey Audubon
Bulletin.

Editor: Edited by the secretary, Beecher S. Bowdish.

No more published. Succeeded by New Jersey Audubon News-Letter.

Library has: Nos. 1-68, 1913-1919, 1921-1934, 1939-1942: all of the
numbers contain 4 pp. each, except No. 43, 12 pp.; Nos. 65 and 67,
8 pp. each.

For numbers from 1913-1930, Casey A. Wood states: "This is one
of a superior class of Audubon Society publications, devoted not only
to the cause of bird protection and culture, but containing several
articles of value to the serious student of ornithology."

NEW JERSEY AUDUBON NEWS-LETTER. Vol. 1, No. 1, Mar. 15, 1945- . Newark, New Jersey, New Jersey Audubon society, 1945- . 28, 23 cm.

Quarterly.

Title varies: Volume 1, number 1 - volume 5, number 3 as Audubon News-Letter.

Editors: September 1945-June 1945, Ed Lang. December 1945- , David Fables.

Size changed from 28 cm. to 23 cm. with volume 5, number 1.

Library has: Vol. 1, Nos. 1-4, Mar.-Dec. 1945: each number paged separately $\frac{1}{1}$ -4.

Vol. 2, Nos. 1-4, Mar.-Dec. 1946: each number paged separately, $\frac{1}{1}$ -4.

Vol. 3, Nos. 1-4, Mar.-Dec. 1947: each number paged separately, $\frac{1}{1}$ -4.

Vol. 4, Nos. 1-4, Mar.-Dec. 1948: each number paged separately, $\frac{1}{1}$ -4.

Vol. 5, Nos. 1-4, Mar.-Dec. 1949: each number paged separately, $\frac{1}{1}$ -7.

Vol. 6, No. 1, Apr. 1950: $\frac{1}{1}$ -8 $\frac{1}{2}$.

With volume 1, number 1, the announcement was made that the old New Jersey Audubon Bulletin appeared so rarely that it practically ceased to function. The News-Letter appearing four times a year contains "the meat of the old Bulletin and a few new features."

NEW JERSEY NATURAL HISTORY SOCIETY JOURNAL, see
TRENTON NATURAL HISTORY SOCIETY JOURNAL

NEWPORT NATURAL HISTORY SOCIETY, NEWPORT, RHODE ISLAND. PROCEEDINGS. . . 1883/84- 1891/99. Newport, Rhode Island, Davis & Pitman, 1883-1899. 22 $\frac{1}{2}$ -24 $\frac{1}{2}$ cm.

Annual.

Also called documents II-IX.

No more published.

Library has: Documents II-VII, IX, 1883-1890, 1891-1899: $\frac{1}{1}$ -43, 4 pls., 3 pp. incl. contents; $\frac{1}{1}$ -99, 5 pls. (3 folded, 2 maps), 1 p. contents; $\frac{1}{1}$ -29, 2 pp. incl. contents; $\frac{1}{1}$ -43, 1 pl., 1 p. contents; $\frac{1}{1}$ -26, 1 pl., 1 p. contents; $\frac{1}{1}$ -100, 1 pl. (map); $\frac{1}{1}$ -138, 2 pp. incl. contents. Covers on each number.

Local in scope; covers a wide variety of subjects. — R. W. Storer.

NEWS BULLETIN LEBANON NATURE CLUB, see ALL OUTDOORS

NEWS LETTER OF THE AUDUBON SOCIETY OF MISSOURI, see
BLUEBIRD

NEWS LETTER OF THE LEBANON NATURE CLUB, see
ALL OUTDOORS

NEWTON NATURAL HISTORY SOCIETY. BULLETIN. Vol. 1, Nos.
1-8, Oct. 1889-May 1890. Newtonville, Massachusetts, C. J. May-
nard, 1889-1890.
Illus. 24 cm.

Monthly.

Editor: C. J. Maynard.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 3, Dec. 1889: 33, 46, col. Pl. IV. (Pl. IV,
accompanied by leaf of text not included in the paging.) Covers.

Contains a number of interesting contributions by C. J. Maynard
on the anatomy of birds and on the habits and distribution of West
Indian birds. Some of these, such as the illustrated note on
Dendroica pharetra, have been overlooked by later ornithologists.
Volume 1, numbers 1-8 examined. — J. Van Tyne.

NIDIOLOGIST, see NIDOLOGIST

NIDOLOGIST; an illustrated monthly magazine devoted to the study of
ornithology. Vols. 1-4, No. 9, Sept. 1893-May 1897. Alameda,
California; New York, H. R. Taylor, 1893-1897.
Illus. 25 cm.

Monthly.

Title varies: volumes 1-2 the title reads: Nidiologist. Beginning with
volume 3, numbers 4-5, December 1895, the superfluous "i" was re-
moved.

Subtitle varies.

Burns and Casey A. Wood state that the Nidologist almost immediately
filled the place left vacant by the Ornithologist and Oologist and that
after the Nidologist ceased publication the subscriptions were filled
by Popular Science Monthly. With volume 2, number 12, August 1895,
the Nidologist became the official organ of the Cooper Ornithological
Club.

Editor: Henry Reed Taylor. Shufeldt became associate editor in May 1895, and Burns states that he severed his connections with this magazine when the original cover design (a view of the Sierras with the Condor in the foreground) reappeared February 1897. The new cover design adopted in December 1895, was made from a photograph of a nest of young Wood Pewees taken by Shufeldt, designed by George E. Howard, editor of the Feather. The Nidologist was published in New York beginning with volume 2, number 7, March 1895, through volume 3, number 8, April 1896, all other numbers being published in Alameda, California.

Casey A. Wood lists 6 volumes, which is probably a misprint. No more than 4 volumes are listed by Burns and Union List.

Library has: Vol. 1, Nos. 1-12, Sept. 1893-Aug. 1894: 1₁-184. (Nos. 10-11 a double number).

Vol. 2, Nos. 1-12, Sept. 1894-Aug. 1895: title page and index, 4 pp. 1₁-174, supp. to No. 3, 1 col. pl.

Vol. 3, Nos. 1-12, Sept. 1895-Aug. 1896: title page and index, 6 pp. 1₁-150. (Nos. 4-5 and 10-11, double numbers).

Vol. 4, Nos. 1-9, Sept. 1896-May 1897: 1₁-112, supp. to No. 1, 1 pl. (Nos. 3, 4, 5 in 1 number).

Covers on each volume.

Though short-lived, this was one of the more important minor periodicals on birds and eggs. — P. Brodtkorb.

NIGHT HERON; a magazine of mid-western ornithology. Vols. 1-7, No. 2, Jan. 1934- Summer 1937. Clayton, Missouri, 1934-1937. Illus. 21 cm.

Monthly 1934-1935. Published irregularly 1936-1937.

A circular letter dated September 16, 1937, announced discontinuance "due to the absence of two of our editorial staff who are leaving town for college," and that "the St. Louis Bird Club will take over the publication of the Night Heron for us." — G. S. Guion.

Editor: January 1934-July 1935, John O. Felker. August 1935- , John P. Stupp.

According to Stupp the following numbers have been published: 1933, December, an experimental number was published. 1934, volume 1, numbers 1-6, January-June; series A. 1934, volume 2, numbers 7-12, July-December; series A. 1935, volume 3, numbers 1-12, January-December; series B. 1936, volume 5, number 1, volumes 5-6, numbers 2-3; Spring, Summer, Autumn. 1937, volume 6, number 4 and volume 7, numbers 1-2; Winter, Spring, Summer.

Mimeographed.

No more published.

Library has: Dec. 1933: 1₁-12. This was an experimental number.

Vol. 1, Nos. 1-6, Jan.-June 1934: 1₁-72. Series A.

Vol. 2, Nos. 7-12, July-Dec. 1934: 1₇₃-128. Series A. (Nos. 7-8, 10-11, double numbers.)

Vol. 3, Nos. 1-12, Jan.-Dec. 1935: {1,}-112. Series B. (Nos. 3-4, a double number; Nos. 6-8, 10-12, triple numbers).

Vol. 5, Nos. 1-3, Spring, Summer, Autumn, 1936: {1,}-36. (Nos. 2-3, a double number).

{Vol. 6, Winter 1937: {37,}-48. Covers.

Vol. 7, Nos. 1-2, Spring, Summer, 1937: {49,}-73. Covers.

Local bird notes. — P. Brodkorb.

NORTH AMERICAN NATURALIST; a monthly journal devoted to the science of natural history. Vol. 1, No. 1, Apr. 1896. Newark, New Jersey, The naturalist publishing co., 1896.

Illus. 26 cm.

Monthly.

Editor: Richard F. Jolley.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Apr. 1896: {1,}-40. Covers.

The department of ornithology and oology is edited by Nathan L. Davis. An article on the Great Blue Heron by Geo. C. Stephens appears in this department. — M. Underwood.

NORTH CAROLINA AUDUBON SOCIETY, see AUDUBON SOCIETY OF NORTH CAROLINA. ANNUAL REPORT

NORTH DAKOTA BIRD NOTES 1923- . Fargo, North Dakota, North Dakota agricultural college, 1923- .

28 cm.

Annual.

Editor and author: Orin Alva Stevens.

Mimeographed on one side of leaf only from typewritten sheet.

Library has: {1930?, 4 pp. 1931: 28 pp. 1932: 26 pp. 1933: 14 pp.

1934: 12 pp. 1935: 14 pp. 1936: 13 pp. 1937: 12 pp. (erroneously dated 1936). 1938: 14 pp. 1939: 14 pp. Beginning with 1931, each year covers the months from March-June, except 1939, which is April-June.

Notes of local interest only. — R. W. Storer.

NORTH PLATTE BIRD CLUB. PUBLICATIONS. Nos. 1-4, 1935-1941?, North Platte, Nebraska, 1935-1941?,

21½ cm.

Published irregularly.

Editor: Wilson Tout.

According to Mr. Tout "about the time number 4 was issued, it was decided to discontinue the series and prepare copy for a book, which was published in December 1947 and was entitled, 'Lincoln County Birds.' The monograph entitled 'A Survey of the Summer Birds of Wellfleet Recreation Grounds' should have been number 4 of the series."

No more published.

Library has: No. 1, 1935: "Notes on the Owls found in Lincoln County, Nebraska," by Wilson Tout, 31-111. Covers. No. 2, 1936: "Some Observations on the Occurrence of the Red-Breasted Nuthatch at North Platte, Nebraska," by Mrs. Wilson Tout, front., 2 pp. Front cover only. No. 3, 1937: "Notes on the Ducks Found in Lincoln County, Nebraska," by Wilson Tout, front., 13 pp. Covers. 1No. 4, 1941?, "A Survey of Summer Birds at Wellfleet Recreation Grounds, Wellfleet, Nebraska, June 7-15, 1941," by Wilson Tout, 8 pp. Covers.

NORTHEASTERN BIRD-BANDING ASSOCIATION BULLETIN. Vols. 1-5, Jan. 1925-Oct. 1929. Boston, Massachusetts, Northeastern bird-banding association, 1925-1929.

Illus. 23 cm.

Quarterly.

Superseded by Bird-Banding.

Editor: Charles L. Whittle.

Each volume contained 4 numbers.

No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1925: 11-73.

Vol. 2, Nos. 1-4, Jan.-Oct. 1926: 11-90.

Vol. 3, Nos. 1-4, Jan.-Oct. 1927: 11-109.

Vol. 4, Nos. 1-4, Jan.-Oct. 1928: 1-158.

Vol. 5, Nos. 1-4, Jan.-Oct. 1929: 1-160.

Index to Vols. 1-5, 1925-1929: 1-28.

Covers on Vols. 1-5 and index.

A very important journal on the biology of birds. — P. Brodtkorb.

NORTHWEST FAUNA SERIES. No. 1- , Feb. 1934- . Seattle, Washington, Pacific northwest bird and mammal society, 1934-25½ cm.

Published occasionally.

Library has: No. 1, Feb. 1934: "Distributional Check-List of the Birds of the State of Washington," by E. A. Kitchin, 11-28.

NOTES ON RHODE ISLAND ORNITHOLOGY; a quarterly publication for the purpose of furthering interest in ornithology in the state of Rhode Island. Vols. 1-3, No. 4, Jan. 1900-Oct. 1902. Bristol, Rhode Island, R. H. Howe, 1900-1902.

23½- 25 cm.-

Quarterly.

Editor: Reginald Heber Howe, Jr.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1900: title page, 1 l., 1₁-26, incl. an index.

Vol. 2, Nos. 1-4, Jan.-Oct. 1901: title page, 1 l., 1₁-28, incl. an index.

Vol. 3, Nos. 1-4, Jan.-Oct. 1902: title page, 1 l., 1₁-29, incl. an index.

Covers on each volume.

A superior journal replete with valuable information on the birds of Rhode Island. — P. Brodtkorb.

OBSERVER; an illustrated monthly magazine. A medium of interchange of observations for all students and lovers of nature. Vols. 1-8, No. 8, Jan. 1890-Aug. 1897. Portland, Connecticut, E.F. Bigelow, 1890-1897. Illus. 24 cm. (Vols. 1-2: 39 cm.)

Monthly.

Subtitle varies:

With volume 5, number 1, January 1894, it became the official journal of the Agassiz Association.

It was announced in volume 4, number 12, December 1893, that the Observer for 1894 would be enlarged and consist of 3 departments:

the Outdoor World, edited by H. H. Ballard and E. F. Bigelow; the Agassiz Association, edited by H. H. Ballard; Practical Microscopy, edited by M. A. Booth. Volumes 6-8 continued these departments.

The sections the Outdoor World and Practical Microscopy were issued also as separate publications from May 1894, to September 1895.

Editor: Edward Fuller Bigelow. Associate editors: M. A. Booth, microscopy. J. H. Sage, ornithology. A. W. Pearson, entomology. C. A. Shepard, botany. C. A. Hargrave, conchology. F. P. Gorman, geology and biology. There were some changes in associate editors, but J. H. Sage continued as editor of his department throughout the series, according to Burns. Volumes 1-7 contained 12 numbers for each volume. Volume 8 contained only 8 numbers when the publication ceased.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1890: 96 pp. Each number paged 1₁-8.

Vol. 2, Nos. 1-12, Jan.-Dec. 1891: 96 pp. Each number paged 1₁-8.

Vol. 3, Nos. 1-12, Jan.-Dec. 1892: title page 1 l., and index, 5 pp.,
 1₁-352.

Vol. 4, Nos. 1-12, Jan.-Dec. 1893: 1₁-384.

Vol. 5, Nos. 1-12, Jan.-Dec. 1894: 1₁-384.

Vol. 6, Nos. 1-12, Jan.-Dec. 1895: title page 1 l. and index, 5 pp.,
 1₁-240.

Vol. 7, Nos. 1-12, Jan.-Dec. 1896: title page 1 l., 1₁-700, index, 4 pp.

Pls. I-II. Also many full page illustrations including 4 portraits.

Vol. 8, Nos. 1₁-8, Jan.-Aug. 1897: 1₁-208.

Covers on Vols. 3-6; many removed in binding.

F. L. Burns states that the series "of popular ornithology, made up of short articles by various writers, and short notes and comments by the editor, are well edited and authoritative."

OBSERVER OF NATURE. Vols. 1-3, No. 6, Apr. 1, 1874-Apr. 26, 1876.

Lawrence, Kansas, Natural history society of the Kansas state university, 1874-1876.

31 cm.

Monthly.

Editor: W. Osburn.

Guion lists the following numbers as being a complete file: volume 1, numbers 1-4; volume 2, numbers 1-5; volume 3, numbers 1-6.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Apr.-June 1874.

Vol. 2, Nos. 1-5, Mar.-June 1875.

Vol. 3, Nos. 1-6, Oct. 1875-Apr. 1876.

Each number 4 pp.

Various ornithological articles by Chas. Harris, F. H. Snow, G. F. Gaumer, A. A. Walters, and other items of interest to the bird student. Also articles on Diptera, Mammalia, Lepidoptera, botany, and other branches of natural history. Exceedingly rare. — G. S. Guion.

OKLAHOMA ORNITHOLOGICAL SOCIETY 1BULLETIN1, see
 SCISSORTAIL

OLD CURIOSITY SHOP; devoted to the interests of curiosity seekers, and those interested in rare and curious shells, plants, minerals, animals, woods, curious formations, etc. Vols. 1-3, No. 2? Nov. 1890-Dec. 1893? St. Nicholas, South Jacksonville, Florida, Mrs. F.A. Warner, 1890-1893?
 28 cm.

Monthly.

Editor: Mrs. F. A. Warner.

Guion lists the following numbers as being issued; volume 1, numbers 1-12, volume 2, numbers 1-12, volume 3, numbers 1-2.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Nov. 1890: 1₁-8.

Vol. 2, Nos. 4, 6-12, Feb.-Oct. 1892: each number paged separately, 1₁-8.

Vol. 3, No. 1, Nov. 1892: 1₁-8.

Articles on "The Sacred Ibis," "The Love Bird," "Cormorant Fishing," and "Parrots." All articles unsigned. Unimportant to the ornithologist. — G. S. Guion.

OLD CURIOSITY SHOP; a journal devoted to philately, numismatics, natural history, antiquities & bric-a-brac. Vols. 1-9, No. 7, Dec. 1882-Dec. 1890. Cleveland, Ohio, Jamestown, New York, W. M. Clemens, W. B. Brockway; San Diego, California, W. M. Clemens; Riverside, California, C. R. Orcutt, E. M. Haight; San Francisco, California, Collector publishing co., A. MacDonald. 1882-1890. Illus. 23 cm. - 30 cm.

Monthly.

Burns states that the Collector's Illustrated Magazine transferred subscriptions to the Old Curiosity Shop after publishing volume 1, numbers 1-2, January-February 1888.

Editors: December 1882-July 1884, Will M. Clemens. June 1886-July 1887, W. B. Brockway. August 1887-May 1888, W. M. Clemens and C. R. Orcutt. October 1888-August 1889, E. M. Haight. January-December 1890, B. MacDonald.

Publishers vary, W. M. Clemens published the Old Curiosity Shop volumes 1-3 in Cleveland, Ohio; W. B. Brockway, volumes 4-5 and volume 6, number 31, July 1887, in Jamestown, New York. In August 1887, W. M. Clemens took over the magazine completely and published volume 6, numbers 32-34 in Jamestown, New York. C. R. Orcutt became publisher in February 1888, volume 7, and continued as publisher through August 1889, volume 8, when E. M. Haight of Riverside, California, became the owner from October 1888-August 1889. B. MacDonald became the owner in January 1890, volume 9. The magazine was then published at San Francisco, California, by the Collector Publishing Company. A. MacDonald published the last 4 numbers.

Burns states that volumes 1-5 contained 6 numbers each. Beginning with volume 6, whole numbers are used also; volume 6, numbers 31-34; volume 7, numbers 35-38 and supplement; volume 8, numbers 39-49 (also numbered 1-11). Volume 9 again resumes the numbering 1-7. No more published.

- Library has: Vol. 1, Nos. 1-6, Dec. 1882-June 1883: No. 1, 1₁-8;
 Nos. 2-4, each paged separately, 1₁-4; Nos. 5-6, 4 pp. each.
 Vol. 2, Nos. 7-12, July-Dec. 1883: 1₁-53, title page, 2 pp. Covers on
 Nos. 7-11.
 Vol. 3, Nos. 1-6, Jan.-June 1884: 1₁-68, incl. title page.
 1₁Vol. 4₁ (erroneously numbered 1), Nos. 1-6, June-Nov. 1886: each
 number, 4 pp.
 1₁Vol. 5₁ (erroneously numbered 1), Nos. 7-12, Dec. 1886-May 1887:
 each number, 4 pp.
 Vol. 6, Nos. 1-1₅ (whole numbers 31-34), July 1887-Feb. 1888: Nos.
 1-3, 5, each paged separately, 1₁-8; No. 4, 1₁-12. Covers.
 Vol. 7, Nos. 36-38, Mar.-May 1888: Nos. 35-37, 4 pp. each; No. 38,
 1₁-16. Covers on No. 38.
 Vol. 8, Nos. 1-11 (whole numbers 39-1₄₉), Oct. 1888-Aug. 1889:
 1₁-166. Supp. to no. 5, Mar. 1889: 4 pp. Covers.
 Vol. 9, Nos. 1-5, 7, Jan.-Oct. Dec. 1890: 1₁-32, 1₃₇-44. Covers on
 Nos. 1-3. (No. 6, lacking).

A trade journal with some natural history notes. — P. Brodtkorb.
 Among the contributors on ornithology were W. O. Emerson, Oliver
 Davie, Wm. L. Kells, and R. M. Gibbs. — G. S. Guion.

OLD FIELD LARK; a monthly bulletin of ornithology around the Chica-
 go area. Vols. 1-3, No. 1, Jan. 1936-Feb. 1938. Blue Island, Illinois,
 1936-1938.
 28 cm.

Monthly.

Editor: Alfred H. Reuss, jr. Assistant editor, Karl Bartel.

Mimeographed.

No more published.

- Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1936: Nos. 1, 9-12, each
 paged separately, 1₁-5; Nos. 3-8, each paged separately 1₁-6.
 Vol. 2, Nos. 1-12, Jan.-Dec. 1937: Nos. 1, 7-12, each paged separate-
 ly, 1₁-6; Nos. 2-6, each paged separately, 1₁-8.
 Vol. 3, No. 1, Jan.-Feb. 1938: 1₁-10.

Articles by A. H. Reuss, jr., Karl E. Bartel, Frederick C. Labahn,
 jr., Frank A. Pitelka, W. Lomax Childress, C. E. Holcombe, C. E.
 Abbott, R. C. Pott, John Flesch, Joe Himmel. Much of interest to the
 bird bander. — G. S. Guion.

ONTARIO NATURAL SCIENCE BULLETIN; journal of the Wellington
 field naturalists' club. Nos. 1-8, 1905-1913. Guelph, Ontario, 1905-
 1913.
 22½ cm.

"To encourage biological research in Ontario."

Not listed by Burns. Listed by Casey A. Wood.

No more published.

Library has: No. 1, 1905: 1₁-48. No. 2, 1906: 1 l., 1₁-52. No. 3, 1907: front. 1₁-48. No. 5, 1909: front. 1₁-55. No. 6, 1910: 1₁-70. No. 7, 1912: 1₁-77 incl. front. Covers on each number.

Local in scope; many articles on the local birds and plants.

— R. W. Storer.

OÖLOGIST (Milwaukee, Wisconsin?), see WESTERN OÖLOGIST. Milwaukee, Wisconsin, 1878

OÖLOGIST, Utica, New York, see ORNITHOLOGIST AND OÖLOGIST

OÖLOGIST; for the student of birds, their nests and eggs. Vols. 1-58, No. 12, May 1884-Dec. 1941. Gaines, Albion, New York, F.H. Lattin, E. H. Short; Lacon, Illinois, R. M. Barnes, 1884-1941. Illus. 23½ cm.

Monthly except volumes 3 and 4 which were bimonthly.

Title varies: volumes 1-2 as Young Oölogist.

In volume 1, number 3, August 1885, of the Agassiz Journal for Curiosity Collectors, it is stated that the subscription list and entire good will of the Young Oölogist had been purchased by the Agassiz Journal for Curiosity Collectors. The Agassiz Journal ceased publication in March 1886. In January 1886, F. H. Lattin the publisher and editor of the Young Oölogist began publication of the Oölogist, continuing the volume numbering of the Young Oölogist. A financial loss caused the Young Oölogist to cease publication.

Editors: May 1884-March 1890, F. H. Lattin. April 1890-December 1890, F. H. Lattin and Neil Posson. January 1891-April 1893, F. H. Lattin. May 1893-July 1894, F. H. Lattin and W. F. Webb. August 1894-December 1903, F. H. Lattin. January 1904-March 1909, E. H. Short. April 1909-Dec. 1941, R. M. Barnes.

Volume 1 with the title the Young Oölogist appeared in 12 numbers.

Volume 2 with the title the Young Oölogist appeared in 2 numbers.

Volumes 3-4 beginning the Oölogist appeared in 6 numbers each.

Volumes 5-12 contained 12 numbers each. Beginning with volume 11, number 2 whole numbers were used also. Volume 13 appeared in 5 numbers, publication suspending from June-December 1896. Volumes 14-16 appeared in 12 numbers each, volume 17 in 10 numbers, volumes 18-19 in 12 numbers, and volume 20 in 2 numbers. Publication was suspended January-October 1903. Volumes 21-58 have appeared in 12 numbers each.

Frank H. Lattin was publisher from May 1884-December 1908, publishing volume 1 at Gaines, New York, and the remaining numbers at Albion, New York. Ernest H. Short was publisher from January-March 1909. R. M. Barnes of Lacon, Illinois, took over the magazine in April 1909. Covers have been generally used after volume 25, sometimes as part of the paging, later separately. The paging is very irregular in the early volumes. Advertising complicates the paging, often being part of the paging and in later volumes appearing separately. With volume 11, number 2, whole numbers are used. The whole numbering starts with number 100 and continues consecutively through the remaining numbers.

Burns lists only the Young Oölogist.

The last number, volume 58, number 12, December 1941, is devoted entirely to the history of the magazine, the editor, Mr. Barnes, etc. No more published.

Library has: Advertising omitted.

- Vol. 1, Nos. 1-12, May 1884-Apr. 1885: title page and index, 7 pp.,
 1₁-171₁.
- Vol. 2, Nos. 1-2, May-June 1885: title page and index, 2 pp. 1₁-48.
- Vol. 3, Nos. 1-6, Jan.-Dec. 1886: title page and index, 4 pp., Pl. I,
 1₁-61. (No. 6 is entirely advertising).
- Vol. 4, Nos. 1-6, Jan.-Dec. 1887: title page and index, 4 pp., 1₁-14,
 71₁-105.
- Vol. 5, Nos. 1-12, Jan.-Dec. 1888: title page and index, 4 pp., 1₁-179.
- Vol. 6, Nos. 1-12, Jan.-Dec. 1889: 1₁-237, incl. title page and index.
- Vol. 7, Nos. 1-12, Jan.-Dec. 1890: 7₁-256, incl. title page and index.
- Vol. 8, Nos. 1-12, Jan.-Dec. 1891: title page and index, 6 pp., 3₁-247.
- Vol. 9, Nos. 1-12, Jan.-Dec. 1892: title page and index, 7 pp., front.,
 5₁-265, incl. 4 pls.
- Vol. 10, Nos. 1-12, Jan.-Dec. 1893: title page and index, 7 pp.,
 17₁-332.
- Vol. 11, Nos. 1-12, Jan.-Dec. 1894: title page and index, 7 pp.,
 7₁-371, incl. 3 pls. (one is a port.).
- Vol. 12, Nos. 1-12, Jan.-Dec. 1895: title page and index, 6 pp., front.,
 3₁-188, incl. 3 pls. (2 ports.).
- Vol. 13, Nos. 1-5, Jan.-May 1896: title page and index, 4 pp., 1₁-54.
- Vol. 14, Nos. 1-12, Jan.-Dec. 1897: title page and index, 4 pp.,
 9₁-104. (Volume number of No. 1 erroneously numbered 9). (No. 12 entirely advertising).
- Vol. 15, Nos. 1-12, Jan.-Dec. 1898: title page and index, 4 pp.,
 1₁-88.
- Vol. 16, Nos. 1-12, Jan.-Dec. 1899: title page and index, 4 pp.,
 7₁-200. (No. 9 lacking).
- Vol. 17, Nos. 1-10, Jan.-Dec. 1900: title page and index, 4 pp., 5₁-156.
- Vol. 18, Nos. 1-12, Jan.-Dec. 1901: title page and index, 4 pp.,
 5₁-188. (Pages 57-58 index for Vol. 17).
- Vol. 19, Nos. 1-12, Jan.-Dec. 1902: title page and index, 3 pp., 3₁-184.
- Vol. 20, Nos. 1-2, Nov.-Dec. 1903: 5₁-24, incl. title page and index.

- Vol. 21, Nos. 1-12, Jan.-Dec. 1904: title page and index, 4 pp., 5₁-204.
- Vol. 22, Nos. 1-12, Jan.-Dec. 1905: title page and index, 4 pp., 4₁-190, incl. front.
- Vol. 23, Nos. 1-12, Jan.-Dec. 1906: title page and index, 4 pp., 5₁-189. (No. 12 erroneously numbered 11).
- Vol. 24, Nos. 1-12, Jan.-Dec. 1907: title page and index, 4 pp., 5₁-188.
- Vol. 25, Nos. 1-12, Jan.-Dec. 1908: title page and index, 4 pp., 5₁-188.
- Vol. 26, Nos. 1-12, Jan.-Dec. 1909: title page and index, 7 pp., 1₁-228.
- Vol. 27, Nos. 1-12, Jan.-Dec. 1910: title page and index, i₁-x, 1 l., 1-152.
- Vol. 28, Nos. 1-12, Jan.-Dec. 1911: title page and index, i₁-xi, 1₁-202.
- Vol. 29, Nos. 1-12, Jan.-Dec. 1912: title page and index, i₁-ix, 203₁-403, 1 pl.
- Vol. 30, Nos. 1-12, Jan.-Dec. 1913: title page and index, i₁-x, 1₁-300.
- Vol. 31, Nos. 1-12, Jan.-Dec. 1914: title page and index, i₁-x, 1₁-232.
- Vol. 32, Nos. 1-12, Jan.-Dec. 1915: title page and index, i₁-x, 1₁-214.
- --- Supp. to No. 7, July 15, 1915: 1-32; F. L. Burns, A Bibliography of Scarce or Out of Print North American Amateur and Trade Periodicals Devoted More or Less to Ornithology.
- Vol. 33, Nos. 1-12, Jan.-Dec. 1916: title page and index, i₁-viii, 1₁-210, 4 pls.
- Vol. 34, Nos. 1-12, Jan.-Dec. 1917: title page and index, i₁-viii, 1₁-217, 2 pls. (fold.)
- Vol. 35, Nos. 1-12, Jan.-Dec. 1918: title page and index, i₁-viii, 1₁-170. (No. 11 erroneously numbered 10.)
- --- Supp. to No. 10, Oct. 1918: 1 p., 3 pp. music; J. Warren Jacobs, "Memories the Oölogist Holds Dear and Nature Devine."
- Vol. 36, Nos. 1-12, Jan.-Dec. 1919: title page and index, 1₁-10, 1₁-228. (Nos. 4-8, volume incorrectly numbered 35. Nos. 7 and 9 incorrectly numbered 6.)
- Vol. 37, Nos. 1-12, Jan.-Dec. 1920: title page and index, 1₁-10, 1₁-146.
- Vol. 38, Nos. 1-12, Jan.-Dec. 1921: title page and index, 1₁-12, 1₁-178. (No. 8 incorrectly numbered 2.)
- Vol. 39, Nos. 1-12, Jan.-Dec. 1922: title page and index, 1₁-11, 1₁-184.
- --- Supp. to No. 6, June 1922: 1₁-14, covers; N. W. Jipson. "Bird Lore and Bird Songs of the North American Indian."
- --- Supp. to No. 10, Oct. 1922: 1_{port.} 5₁-26; cover. H. S. Reger. "An Appreciation of William H. Werner."
- Vol. 40, Nos. 1-12, Jan.-Dec. 1923: title page and index, 1₁-13, 185₁-204, 21₁-204.
- Vol. 41, Nos. 1-12, Jan.-Dec. 1924: title page and index, 1₁-10, 1₁-154.
- Vol. 42, Nos. 1-12, Jan.-Dec. 1925: title page and index, 1₁-10, 1₁-166.
- Vol. 43, Nos. 1-12, Jan.-Dec. 1926: title page and index, 1₁-8, 1₁-164.
- Vol. 44, Nos. 1-12, Jan.-Dec. 1927: title page and index, 1₁-8, 1₁-168.
- Vol. 45, Nos. 1-12, Jan.-Dec. 1928: title page and index, 1₁-8, 1₁-168. (No. 7 erroneously marked No. 6 and dated June instead of July).
- Vol. 46, Nos. 1-12, Jan.-Dec. 1929: title page and index, 1₁-11, 1₁-171.

- Vol. 47, Nos. 1-12, Jan.-Dec. 1930: title page and index, $\{1\}_1-11, \{1\}_1-159$.
 Vol. 48, Nos. 1-12, Jan.-Dec. 1931: title page and index, $\{1\}_1-11, \{1\}_1-182$.
 Vol. 49, Nos. 1-12, Jan.-Dec. 1932: title page and index, $\{1\}_1-10, \{1\}_1-144$.
 Vol. 50, Nos. 1-12, Jan.-Dec. 1933: title page and index, $\{1\}_1-11, \{1\}_1-164$.
 (Volume number of Nos. 1-7 erroneously marked XLX instead of L).
 Vol. 51, Nos. 1-12, Jan.-Dec. 1934: title page and index, $\{1\}_1-11, \{1\}_1-152$.
 Vol. 52, Nos. 1-12, Jan.-Dec. 1935: title page and index, $\{1\}_1-11, \{1\}_1-144$.
 Vol. 53, Nos. 1-12, Jan.-Dec. 1936: $\{1\}_1-168$.
 Vol. 54, Nos. 1-12, Jan.-Dec. 1937: $\{1\}_1-172$.
 Vol. 55, Nos. 1-12, Jan.-Dec. 1938: $\{1\}_1-144$.
 Vol. 56, Nos. 1-12, Jan.-Dec. 1939: $\{1\}_1-144$.
 Vol. 57, Nos. 1-12, Jan.-Dec. 1940: $\{1\}_1-144$.
 Vol. 58, Nos. 1-12, Jan.-Dec. 1941: $\{1\}_1-162$, 1 pl. (port.) folded.

The leading journal, the Young Oölogist, of its day, recording the experiences of those devoted to the study of oology and ornithology, and an excellent medium for the exchange of bird's eggs, periodicals, etc. — G. S. Guion.

$\{$ The Oölogist $\}$ contains numerous local lists, observations on nesting, personalia, etc. The exchange notices were a valuable feature.
 — P. Brodkorb.

OOLOGIST'S ADVERTISER; devoted to the study of birds, their nests and eggs. Vol. 1, Nos. 1-3, Aug.-Oct. 1890. Danielsonville, Connecticut, C. H. Prince, 1890.
 21 cm.

Monthly.

In volume 1, number 1 of the Collectors' Monthly, Danielsonville, Connecticut, it states that "Oölogist's Advertiser has been discontinued, as it was considered unwise and unprofitable to maintain such a paper for so little money. To those who were subscribers to the Oölogist's Advertiser we will send the Collectors' Monthly until the expiration of their subscription."

Editor: Charles H. Prince.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Aug. 1890: 4 pp. No. 2, Sept. 1890: 4 pp.
 No. 3, Oct. 1890: $\{5\}_1-8$. Covers on Nos. 2-3.

As its name suggests, the purpose of this little journal was to promote the sale and exchange of birds' eggs. — P. Brodkorb.

Articles mostly unsigned. Charles H. Prince and E. C. Jackson contributed. — G. S. Guion.

OOLOGISTS' ASSOCIATION. BULLETIN. No. 1, March 15, 1897.

Beaver Dam, Wisconsin, Citizen print, 1897.

19½ cm.

Officers: President, Isador S. Trostler, Omaha, Nebraska. Vice-president, Edward A. McIlhenny, Avery's Island, Louisiana. Secretary-treasurer, Will E. Snyder, Beaver Dam, Wisconsin. Executive committeeman, Jos. A. Dickinson, Gresham, Nebraska.

According to W. E. Snyder there was but one issue of the Bulletin of the Oologists' Association, published not as a proposed regular paper but only to solicit new members.

Not listed by Burns.

No more published.

Library has: No. 1, Mar. 1897: 8 pp. Covers.

The single number is taken up with the membership list and constitution of the Oologists' Association. — P. Brodkorb.

OOLOGIST'S EXCHANGE. Vols. 1-2, No. 11, Jan. 1888-Feb. 1890.

Austin, Illinois, T. V. Wilson; Sharon, Wisconsin, Dickinson & Durkee; New York, A. E. Pettit, 1888-1890.

Illus. 22, 24 cm.

Monthly.

In volume 2, number 7, October 1889, of the Oologist's Exchange is the following notice: "With this issue we take up, for a short time, the subscription list of The Exchange. Messrs. Bunker and Park have been so busy of late with their Naturalist Supply and Taxidermy business that they could spare no time for their magazine. They will, as soon as the rush is over, resume the publication of The Exchange and greet their subscribers as cheerfully and heartily as of yore."

In the Stormy Petrel, volume 1, number 1, April 1890, the following notice appears: "It is with regret that we mention the discontinuance of the Oologist's Exchange on account of the illness of Arthur Pettit, the ed."

Editors: January-July 1888, T. Vernon Wilson. August-December 1888, Dickinson & Durkee. April 1889-February 1890, Arthur E. Pettit.

Volume 1, contained 12 numbers and volume 2, 11 numbers.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1888: Nos. 1-3, 5-12, 4 pp. each; No. 4, 8 pp.

Vol. 2, Nos. 1-11, Apr. 1889-Feb. 1890: each number 4 pp.

-- --- Supp. to No. 3, 1 pl. (port).

A trade journal. — P. Brodkorb.

Among the contributors were W. C. Brownell, Morris Gibbs, and Thad. Surber. — G. S. Guion.

OOLOGIST'S JOURNAL; a monthly magazine, devoted to ornithology and oology. Vols. 1-2, No. 3, Jan. 1891-Apr. 1892. Poughkeepsie, New York, F. W. Stack, Stack & Peck, 1891-1892. 22, 22½ cm.

Monthly.

In volume 3, number 5, May 1892, of the Collectors' Monthly, Danielsonville, Connecticut, it is stated that arrangements were made with Stack and Peck, publishers of the Oologist's Journal to fill the unexpired subscriptions of the Collectors' Monthly. This probably did not take place, for the Oologist's Journal ceased publication in April 1892. Burns states that after volume 1, number 3, the Oologist's Journal merged with the Sentinel Magazine, which proved a failure. The Natural History Collectors' Monthly, Newburgh, New York, volume 1, number 1, August 1893, states that it would fill the unexpired subscriptions of the Oologist's Journal.

Editors: Fred W. Stack and Jesse B. Peck.

Volumes 1 and 2 contain 3 numbers each according to Burns; there is a number 4 of volume 1 in this library.

No more published.

Library has: Vol. 1, Nos. 1-4, Jan.-Apr. 1891: 1₁-16.

Vol. 2, Nos. 1-3, Jan.-Apr. 1892: 1₁-16. Covers (No. 1 erroneously marked No. 2 on cover).

Trade journal, with short notes on birds and eggs. — P. Brodkorb.

The following contributed: J.W.P. Smithwick, Fred W. Stack, F. W. McCormack, C. Byron, Vandy Cook, I. U. Kinsey, jr., J. H. Langille, F. Leon Englebert. — G. S. Guion.

OREGON NATURALIST; a monthly magazine devoted to natural science. Vols. 1-3, No. 9, Sept. 1894-Jan. 1898. Oregon City, Oregon, Naturalist publishing co.; Portland, Oregon, A. B. Averill; Palestine, Oregon, J. Martin, 1894-1898. Illus. 24 cm.

Monthly.

Title varies: volume 1, numbers 1-2, September and October 1894, as the Oregon Naturalist. The following numbers, November-December 1894 (called volume 1, number 12) and January 1895 (called volume 2, number 1), were issued under the title the Naturalist; a monthly magazine devoted to natural science, Oregon City, Oregon. The February 1895 (volume 2, number 2) issue resumed the title Oregon Naturalist. The Naturalist, Austin, Texas, was consolidated with this journal in November-December 1894. Burns states that the Naturalist and Collector, Abingdon, Illinois, suspended subscriptions were filled by the Oregon Naturalist in September 1895.

Subtitle varies.

In March 1895 it became the official organ of the North-Western Ornithological Association.

Editors: September 1894-January 1895, G. B. Cheney, February 1895-October 1896, A. B. Averill. November 1896-January 1897, John Martin. No editor mentioned for February-April 1897. May 1897-January 1898, John William Martin.

Published in Oregon City, Oregon, 1894-1895; Portland, Oregon, 1895-1896; Palestine, Oregon, 1896-1898. According to Burns, volume 1 contained 3 numbers called numbers 1, 2, and 12, September-December 1894. Volumes 2 and 3 contained 12 numbers each. Volume 4 ended with number 9. No numbers were issued for June-September 1897 inclusive.

No more published.

Library has: Vol. 1, Nos. 1, 12, Sept., Nov.-Dec. 1894: each paged separately, 1₁-12, 1₁-16.

Vol. 2, Nos. 1-12, Jan.-Dec. 1895: 1₁-172, supp., 1 col. pl.

Vol. 3, Nos. 1-12, Jan.-Dec. 1896: 1₁-160.

Vol. 4, Nos. 1-7, 9, Jan.-Nov. 1897, Jan. 1898: 1₁-52, 1₆₁-68. (Nos. 3-4, a double number. No. 8, lacking.)

Covers on each volume.

There is more information of permanent value in this journal than is the case with many of its contemporaries. Emphasis was placed on ornithology of the United States, and especially of the West. It contains an annotated list of the birds of Oregon. — P. Brodtkorb.

Among those who contributed ornithological articles were: Rudolph M. Anderson, A. H. Boies, W. E. Snyder, and W. W. Cooke. — G. S. Guion.

OREGON NATURALIST; an illustrated monthly magazine designed for the farmer, the tourist and the naturalist: Vol. 1, Nos. 1-7? Feb. 1891-Oct. 1891? Eugene, Oregon, Aurelius Todd publisher, 1891? 24½ cm.

Monthly.

Subtitle varies.

Editor: Aurelius Todd? Editorial rooms, Orcutt, California.

Not listed by Burns or C. A. Wood.

Probably no more published.

Library has: Vol. 1, No. 1, Feb. 1891: 1₁-32. No. 2, Mar. 1891: 33-64. No. 3, Apr.-May 1891: 65-80. No. 4, July 1891: 1-32. No. 5, Aug. 1891: front., 3-32. No. 6, Sept. 1891: front., 3-32. No. 7, Oct. 1891: front., 3-28 (erroneously numbered Vol. 2). Covers.

Insofar as I can discover, the Oregon Naturalist is nothing but a reprint of the West American Scientist. It appears to have been run from the same plates with only the pagination changed. The Oregon Naturalist was apparently issued (at least dated) from one to two

months later than the West American Scientist carrying the same material. In at least one instance the Oregon Naturalist combined in one issue the material making up two issues of the West American Scientist. This was apparently owing to the failure of the Oregon Naturalist to appear during the month of June, 1891. The following gives the equivalents in those issues for which we have overlap:

<u>Oregon Naturalist</u>	<u>West American Scientist</u>
Vol. 1, No. 1, Feb. 1891: 1-32	= Vol. 7, No. 56, Jan. 1891: 73-104
Vol. 1, No. 2, Mar. 1891: 33-64	= Vol. 7, No. 57, Feb. 1891: 105-136
Vol. 1, No. 3, Apr.-May 1891: 65-80	= Vol. 7, No. 58, Mar. 1891: 137-152
Vol. 1, No. 4, July 1891: 1-16	= Vol. 7, No. 59, Apr. 1891: 153-168
Vol. 1, No. 4, July 1891: 17-32	= Vol. 7, No. 60, May 1891: 169-184.

Much of the advertising in the two is identical, especially on the inside covers. Other advertising in the Oregon Naturalist is on unnumbered pages or on specially numbered pages, e.g., ii-iii. Though both journals give credit for reprinted articles to other journals, there is no indication given of the Oregon Naturalist being a reprint of the West American Scientist. — L. C. Stuart.

ORIOLE; a quarterly journal of Georgia ornithology. Vol. 1, No. 1- ,
Jan. 1936- . Atlanta, Georgia, 1936- .
22½ cm.

Quarterly.

"Sponsored by The Atlanta Bird Club." "Official organ of The Georgia Ornithological Society."

Editors: January 1936-December 1938, Don Eyles, Norman Giles, jr.
March 1939, Ivan R. Tompkins, Herbert L. Stoddard. June 1939-
December 1940, Mrs. Hugh H. Harris. March 1941-December 1942,
William W. Griffin. March-June 1943, Eugene P. Odum. September
1943- , J. Fred Denton.

Library has: Vol. 1, Nos. 1-4, Jan.-Dec. 1936: 1₁-35, 1 pl.

Vol. 2, Nos. 1-4, Mar.-Dec. 1937: 1₁-136₁.

Vol. 3, Nos. 1-4, Apr.-Dec. 1938: 1₁-139₁, 1 double map.

Vol. 4, Nos. 1-4, Mar.-Dec. 1939: 1₁-166₁, 1 insert, 2 folded leaves mimeographed. (Pages 33-54 not figured in paging between Nos. 3-4).

Vol. 5, Nos. 1-4, Mar.-Dec. 1940: 1₁-63, incl. 4 pls. (folded).

-- --- Index to Vols. 1-5 (species) 1936-1940: 59-63 in Vol. 5.

Vol. 6, Nos. 1-4, Mar.-Dec. 1941: 1₁-155₁.

Vol. 7, Nos. 1-4, Mar.-Dec. 1942: 1₁-139₁-.

Vol. 8, Nos. 1-4, Mar.-Dec. 1943: 1₁-28. (Nos. 1-2, 3-4, double numbers).

Vol. 9, Nos. 1-4, Mar.-Dec. 1944: 1₁-44. (Nos. 1-2, 3-4, double numbers).

Vol. 10, Nos. 1-4, Mar.-Dec. 1945: 1₁-63. (Nos. 3-4, a double number).

- --- Index to Vols. 6-10 (authors-species), 1941-1945: 1-9.
 Vol. 11, Nos. 1-4, Jan.-Oct. 1946: 1₁-70.
 Vol. 12, Nos. 1-4, Jan.-Oct. 1947: 1₁-56.
 Vol. 13, Nos. 1-4, Jan.-Oct. 1948: 1₁-38.
 Vol. 14, Nos. 1-4, Jan.-Oct. 1949: 1₁-28. (Nos. 1-2, 3-4, double numbers).
 Vol. 15, Nos. 1-4, Mar.-Dec. 1950: 1₁-52.
 -- --- Index to Vols. 11-15 (authors, species) 1946-1950: 44-52 in Vol. 15.
 Vol. 16, Nos. 1-4, Mar.-Dec. 1951: 1₁-44.
 Covers on each volume.

Indispensable to the student of the birds of Georgia. — P. Brodkorb.

ORIOLE; official organ of the Somerset Hills bird club. Vols. 1-4, No. 1, Aug. 1913-Oct. 1916. Bernardsville, New Jersey, Somerset Hills bird club, 1913-1916.
 Illus. 23 cm.

Published twice a year, usually in June and August.

Editor: John Dryden Kuser.

Apparently volumes 1 and 4 each contained only 1 number. Volumes 2 and 3 each contained 2 numbers. In volume 4, number 1 an announcement was made that the Oriole would cease publication after the next issue which would appear in December. It appears that this number was not issued and number 1 of volume 4 was the last number.
 No more published.

Library has: Vol. 1, No. 1, Aug. 1913: 1₁-42, 4 col. pls.

Vol. 2, No. 1, June 1914: 1₁-34, 3 col. pls. No. 2, Aug. 1914: 1₁-27, 2 col. pls.

Vol. 3, No. 1, June 1915: 1₁-38, 2 col. pls. No. 2, Aug. 1915: 1₁-40, 1 col. pl.

Vol. 4, No. 1, Oct. 1916: col. front. 1₁-24.

Covers on each volume.

Contains local lists and observations on birds, mainly along the Atlantic seaboard. Publication was suspended in order that more funds might be devoted to bird protection. — P. Brodkorb.

Some of those who contributed were John Dryden Kuser, C. William Beebe, Beecher S. Bowdish, Lee S. Crandall, T. Gilbert Pearson, and Maunsell S. Crosby. — G. S. Guion.

ORLEANS COUNTY SOCIETY OF NATURAL SCIENCES, see
 ARCHIVES OF SCIENCE AND TRANSACTIONS OF THE ORLEANS
 COUNTY SOCIETY OF NATURAL SCIENCES

ORNILORE; an amateur publication devoted to our feathered wildlife.
Vol. 1-, 1937- . Mt. Lookout, West Virginia, W. C. Legg, 1937- .
21½ cm.

Monthly.

Title varies: Some of the early numbers as the Inkspot.

Subtitle varies.

Editors: W. C. Legg. Later assisted by Don Eckelberry and Milton Siebert.

Library has: Vol. 1, Nos. 6, 8, 10, 11, 12, Apr., June, July, Aug.,
Sept. 1938: 12 pp., 24 pp., 1₁-16, 1₁-16, 1₁-12.

Vol. 2, No. 1, Nov. 1938: 1₁-12₁.

Covers included in paging.

ORNITHOLOGIST; a monthly paper of natural history. Especially devoted to the study of birds, their nests and habits. Vol. 1, Nos. 1-7, May-Dec. 1885. Twin Bluffs, Wisconsin, 1885.
22½ cm.

Monthly.

Editor: C. L. McCollum.

Burns states that in the Naturalists' Companion of February 1886 a note was made that this publication had suspended.

No more published according to the Union List.

Library has: Vol. 1, Nos. 1-7, May-Dec. 1885: 1₁-60. Covers on Nos. 4-7.

-- --- Supp. to No. 4, 1 p.

-- --- Supp. to No. 5, 2 pp.

Quite a few articles are taken from exchanges, but there are articles by the editor, Charles H. Marsh, A. M. Shields, C. H. Andras, William L. Kells, L. Hayter, "T.W.G.," and "D.H.E." — G.S. Guion.

ORNITHOLOGIST AND BOTANIST; a monthly devoted to birds and flowers. Vols. 1-2, No. 6, Jan. 1891-July 1892. Binghamton, New York, J.E. Blain; Des Moines, Iowa, L. Balliet and W. S. Sanford, W. S. Sanford & co., Ornithologist and botanist publishing co., 1891-1892.
25½ cm.

Monthly. In volume 2, number 1 it was announced that the paper would be semimonthly after March 1892.

In volume 1, number 9, September 1891, it was stated that this magazine had acquired the right to fill the unexpired subscriptions of the Wisconsin Naturalist. Burns states that after volume 2, number 6, July 1892, the Ornithologist and Botanist transferred to the California Traveller and Naturalist.

Editors: January-March 1891, Joseph E. Blain. April-December 1891, Willard N. Clute. January 1892, Letson Balliet and William S. Sanford. February 1892, William S. Sanford. No editor mentioned for July 1892. Burns states that volume 1 contains 12 numbers, volume 2, numbers 1, 2, and 6 and probably a number 3 for June. G. S. Guion states: "Willard N. Clute wrote me in 1940 that my file was complete (volume 1, numbers 1-12, volume 2, numbers 1, 2, 6). I account for the pagination of volume 2 as follows: No. 1, contained pages numbered from 1 to 8; no. 2 from 1 to 16. These two numbers contained 24 pages. No. 6, began with 25 following the sequence of the sum total number of pages of the first two numbers."

No more published.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1891: title page and index, 3 pp. 1₁-96. Covers on Nos. 4-12. (No. 7, erroneously dated 1881).

Vol. 2, Nos. 1, 2, 6, Jan., Feb., July 1892: 1₁-8, 1₁-16, 1₂₅-32. Covers on Nos. 2 and 6.

A trade journal of high quality during its first year, but as remarked by Burns it degenerated rapidly thereafter. — P. Brodkorb.

Among those who contributed articles on ornithology were Arthur H. Norton, B. S. Bowdish, and Willard N. Clute. — G. S. Guion.

ORNITHOLOGIST AND OÖLOGIST. Vols. 1-18, No. 10, Mar. 1875-Oct. 1893. Utica, New York, S. L. Willard; Rockville, Norwich, Connecticut, Boston, Massachusetts, J. M. Wade; Pawtucket, Rhode Island, Boston, Massachusetts, F. B. Webster; Hyde Park, Massachusetts, F. B. Webster company, 1875-1893.

Illus. 22, 25 cm.

Monthly.

Title varies: Volumes 1-5 as the *Oölogist*. Subtitle varies.

Editors: March 1875-Summer 1879, S. L. Willard. July 1879-December 1883, J. M. Wade. January 1884-December 1885, Eaton Cliff. January 1886-June 1887, F. H. Carpenter with J. Parker Norris as oölogical department editor and Wright and Bates as entomological department editors. July 1887-May 1888, Bristol Ornithological Club. With the May 1888 issue, F. H. Carpenter retired from the editorial department, according to a note in the June 1888 issue. June 1888-January 1892, Frank B. Webster, J. Parker Norris, and Frank Bates. February 1892-October 1893, Frank B. Webster and J. Parker Norris.

Volumes 1-5, number 4 published by S. L. Willard at Utica, New York. Volume 5, number 5-, Volume 6, number 4 by J. M. Wade at Rockville, Connecticut. Volume 6, number 5 - volume 7, number 21 by J. M. Wade at Norwich, Connecticut. Volume 7, number 22 - volume 8, number 12 by J. M. Wade at Boston, Massachusetts. Volume 9 - volume 10 by F. B. Webster at Pawtucket, Rhode Island. Volume 11 -

volume 12, number 6 by F. B. Webster at Boston, Massachusetts.
 Volume 12, number 7 - volume 13, number 5 by F. B. Webster for
 the Bristol Ornithological Club at Boston, Massachusetts. Volume 13,
 number 6 - volume 15, number 12 by F. B. Webster at Boston, Mas-
 sachusetts. Volumes 16 - 18 by F. B. Webster Company at Hyde Park,
 Massachusetts.

Listed by Burns.

No more published.

- Library has: Vol. 1, Nos. 1, 5-8, 10-12. Mar. 1875, July-Oct. 1875,
 Dec. 1875-Feb. 1876: ₁1-8, ₁33-56, ₁65-88, 1 pl. Supp. to Nos.
 7-8, ₁1-2. Supp. to No. 10, 1 l.
 Vol. 2, Nos. 1-12, Mar. 1876-Feb. 1877: Index, 1 l. ₁1-92. Pages
 73-74, 83-84 marked supp.
 Vol. 3, Nos. 1-12, Mar. 1877-Feb. 1878: 1-102, incl. index. Pages 17-
 18 and 83-84 are supp. Page 62 erroneously marked 52.
 Vol. 4, Nos. 1-12, Mar. 1878-Summer 1879: title page and contents
₁1-iv, ₁1-100, 1 col. pl. Suspended Aug. 1878-Dec. 1878.
 Vol. 5, Nos. 1-12, July 1879-Feb. 1881: title page and contents
₁1-iv, ₁1-96. Suspended Dec. 1879-July 1880.
 Vol. 6, Nos. 1-12, Mar. 1881-Feb. 1882: ₁1-96. (A separate index
 at \$.10 a copy was announced, - lacking in this set.)
 Vol. 7, Nos. 13-24, Mar.-Dec. 1882: title page, contents, index,
 preface, 8 pp. ₁97-192.
 Vol. 8, Nos. 1-12, Jan.-Dec. 1883: title page, index, contents, preface,
 8 pp. ₁1-96. Also the suppressed pages of No. 11, pages 83-84.
 Vol. 9, Nos. 1-12, Jan.-Dec. 1884: title page, contents, index, 6 pp.
₁1-152.
 Vol. 10, Nos. 1-12, Jan.-Dec. 1885: title page, contents, index, 6 pp.,
 2 pp. ₁1-192.
 Vol. 11, Nos. 1-12, Jan.-Dec. 1886: title page, contents, index, 6 pp.,
 2 pp. ₁1-192.
 Vol. 12, Nos. 1-12, Jan.-Dec. 1887: title page, contents, 9 pp., 2 pp.
₁1-208.
 Vol. 13, Nos. 1-12, Jan.-Dec. 1888: title page, index, 6 pp., 1 l.
₁1-192, 1 pl.
 Vol. 14, Nos. 1-12, Jan.-Dec. 1889: title page, index, 6 pp., 1 l.
₁1-188.
 Vol. 15, Nos. 1-12, Jan.-Dec. 1890: title page, index ₁i-vi, 1 l.
₁1-188.
 Vol. 16, Nos. 1-12, Jan.-Dec. 1891: title page, index ₁i-iv, 1 l.
₁1-184.
 Vol. 17, Nos. 1-12, Jan.-Dec. 1892: title page, index ₁i-vi, 1 l.
₁1-187.
 Vol. 18, Nos. 1-10, Jan.-Oct. 1893: ₁1-144.
 Covers from Vol. 4-Vol. 18.

One of the more important journals. Contains regional lists of
 birds, records of unusual occurrence, accounts of nesting habits, etc.
 - P. Brodtkorb.

ORNITHOLOGISTS' AND OOLOGISTS' SEMI-ANNUAL, see WILSON BULLETIN

OSPREY; an illustrated monthly magazine of popular ornithology.

Vols. 1-5, Sept. 1896-Dec. 1901; Vol. 6 (new series Vol. 1), Jan.-July 1902. Galesburg, Illinois; New York; Washington, D. C., Osprey company, 1897-1902.

Illus., maps. 26 cm.

Monthly, a few numbers appeared bimonthly and some as double numbers.

Subtitle varies.

Editors: September 1896-October 1896, W. A. Johnson and A. C. Murchison. November 1896-February 1897, W. A. Johnson. March 1897-September 1898, W. A. Johnson and Elliott Coues. October 1898-March 1899, Elliott Coues and Theodore Gill; W. A. Johnson, associate editor; L. A. Fuertes, art editor. April-May 1899, Elliott Coues and W. A. Johnson; L. A. Fuertes, art editor. June 1899-October 1900, Theodore Gill; associate editors, Robert Ridgway, Leonard Stejneger, Frederick Lucas, Charles Richmond, Paul Bartsch, William Palmer, Harry Oberholser, and Witmer Stone. November 1900-July 1902, Theodore Gill and Paul Bartsch.

Volume 2 was published in New York. Volumes 3-6 in Washington, D.C.

Volumes 1, 4, 5 appeared in 12 numbers each. Volumes 2-3 in 10 numbers each, and volume 6 ended with number 7.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Sept. 1896-Aug. 1897: title page and index, 6 pp. 1₁-150, 11 pls.

Vol. 2, Nos. 1-10, Sept. 1897-June 1898: title page and index, 6 pp. 1₁-138, 16 pls.

Vol. 3, Nos. 1-10, Sept. 1898-June 1899: title page and contents, 1₁-viii, 1₁-164 incl. index; 12 pls.

Vol. 4, Nos. 1-12, Sept. 1889-Aug. 1900: 1₁-176, 6 pls. (1 incl. in paging). (Index lacking in this copy.)

Vol. 5, Nos. 1-12, Sept. 1900-Dec. 1901: title page and contents, 1₁-viii, 1₁-186 incl. index; 1 l., 14 pls.

Vol. 6 (new series Vol. 1), Nos. 1-7, Jan. 1902-July 1902: 1₁-108, 15 pls. Supp.-General History of Birds, 1₁-42.

Covers on each volume.

One of the best known and certainly among the most important of the minor ornithological journals. — P. Brodkorb.

OSPREY, Worthington, Ohio, see SNOWY EGRET

OUR BIRDS. Vol. 1, No. 1, May 1885. Holyoke, Massachusetts, Frank H. Metcalf, 1885.
23 cm.

Monthly.

Published by Legion I, Knights of Audubon.

Editor: Richard S. Brooks.

Listed by Burns and C. A. Wood, both listing the date as 1880.

No more published because of the failure to get second-class postal rates.

Library has: Vol. 1, No. 1, May 1885: 1₁-8.

J. B. Underhill contributed an article on "The Great Horned Owl and Turkey Buzzard" and Harry G. Parker, contributed one on "The Nest and Eggs of the Red Tailed Hawk." "Valerian" contributed an article on "The Barn Swallow." — G. S. Guion.

OUTDOOR NATURE CLUB OF HOUSTON, TEXAS. BULLETIN.

Vols. 1-3, 1924-1926; second ser., Nos. 1-6? Spring 1931-Spring 1937? Houston, Texas, 1924-1937?
28 cm.

The first series was monthly. The second series published irregularly.

Title varies: Volumes 1-3, 1924-1926, as the Zephyr, Monthly Bulletin of the Nature Club of Houston, Texas. With the second series, number 1, the title became the Outdoor Nature Club of Houston, Texas, Bulletin.

Editor: Zephyr, J. M. Heiser (?). Second series, numbers 1-5, J. M. Heiser, Jr. Number 6, Chas. B. Boone.

The Zephyr was mimeographed and volume 1 contained 3 numbers, volumes 2-3, 12 numbers each according to G. S. Guion.

The second series was printed.

No more published?

Library has: Second series. No. 1, Spring 1931: 1₁-4. No. 2, Winter 1931: 1₁-4. No. 3 (erroneously marked No. 4), Winter 1933: 1₁-4. No. 4 (erroneously marked No. 5), Spring 1934: 1₁-4. No. 5 (erroneously marked No. 7), Spring 1935: 1₁-4. No. 6, Spring 1937: 1₁-4.

In the Zephyr the only signed articles on birds are by R. A. Sell and L. H. Daingerfield. Others appear to have been written by J. M. Heiser. In the second series, many short items pertaining to ornithology, and articles by T. Gilbert Pearson, Bud A. Randolph, R. A. Sell, and Marile Lockhart. — G. S. Guion.

OUZEL; bulletin of the nature club of Southern California. Vol. 1, Nos. 1-3, June 1924-July 1926. Los Angeles, California. 1924-1926. 23, 25, 26 cm.

"Published when the spirit moves."

Title varies: Volume 1, number 1, June 1924, as the Water Ouzel. Subtitle varies.

Editor: Alfred Cookman.

Two issues appeared for number 1 of volume 1, June 1924, and September 1924. The size of the June number was 23 cm., 25 cm. for the September number and 26 cm. for the last two numbers. Information from the University of Southern California Reference Library states that the "Los Angeles California Nature Club changed its name to the Nature Club of Southern California on June 15, 1926. It published a Bulletin from May 1928-November 1946, which was preceded by a printed Program. The club disbanded in 1946." The Ouzel ceased publication with volume 1, number 3.

Library has: Vol. 1, No. 1, June 1924: 1₁-8. No. 1, Sept. 1924: 1₁-48. No. 2, July 1925: 2 pp. 1₁-46. No. 3, July 1926: 1₃-77. Covers on all numbers except No. 1 of June 1924.

The following contributed articles on birds: Alfred Cookman, H. J. Andrews, Mrs. F. T. Bicknell, Charles Coke Woods, Walter Fry, Madam A. B. Maescher, Nettie M. Rowland. — G. S. Guion.

OWL. Vol. 1, Nos. 1-2, Feb.-Mar. 1890. Chatham, New York, F. E. Birch & W. B. Daley, 1890. 23 cm.

Monthly.

Editors: F. E. Birch and W. B. Daley:

Burns (1915) states that "probably 2 or 3 numbers were published at Chatham, none at Waynesburg, Pennsylvania though it was announced by J. Warren Jacobs." Later information (1934) from Burns states that only 2 numbers were published.

No more published.

Library has: Vol. 1, Nos. 1-2, Feb.-Mar. 1890: each number 4 pp.

Contains an account by R. M. Barnes of the nesting of Swainson's hawk in Illinois. — P. Brodkorb.

Articles by Neil F. Posson, H. H. Butler, R. M. Barnes, Willard N. Clute, Elmer S. Bennett, W. L. McDaniel, Dr. W. S. Strode. — G. S. Guion.

OWL; devoted to the cause of increasing an interest in natural history, especially among the young folks. Vols. 1-3, No. 2, Nov. (?) 1885-Feb. 1888. Glen Falls, New York, Chapter 711, Agassiz association, 1885-1888. 21, 22 $\frac{1}{2}$, 23 cm.

Quarterly.

Editors: Volumes 1-2, H. Pearl Peck, Edward R. Wait. With volume 3, Mary Green and Florence C. Buffum became editors.

Burns states that he has not seen the first three numbers of volume 1, but has number 4 of volume 1.

Volume 2 contained 4 numbers and volume 3 ended with number 2.

No more published.

Library has: Vol. 2, Nos. 1-4, Nov. 1886, Feb., May, July 1887: 1₁-36.

Vol. 3, Nos. 1, 2, Nov. 1887, Feb. 1888: 1₁-36.

Covers on each volume.

Articles all unsigned. "Birds of Glen Falls and Vicinity." — F.L. Burns.

OWL; official publication of the Ridgewood Audubon society. Vol. 1- ,
May 1949- . Ridgewood, New Jersey, 1949- .
28 cm.

Published five times a year.

Editorial committee: Mrs. H. G. McEntee, Mrs. C. K. Nichols,

Mrs. J. Y. Dater, jr., Mrs. F. L. Fusser.

Mimeographed.

Library has: Vol. 1, No. 1, May-June 1949: 1₁-4. No. 2, Sept.-

Oct. 1949: 1₁-6. No. 3, Nov.-Dec. 1949: 1₁-6. No. 4, Jan.-Feb.

1950: 1₁-6. No. 5, Mar.-Apr. 1950: 1₁-6.

Bird notes of local interest. — R. W. Storer.

PACIFIC NORTHWEST BIRD AND MAMMAL SOCIETY, see
THE MURRELET

PASADENA ACADEMY OF SCIENCES. PUBLICATION. Nos. 1-3,
Aug. 1897-June 1898. Pasadena, California, 1897-1898.
24½ cm.

Not listed by Burns.

No more published.

Library has: No. 1, Aug. 1897: "Report on the Birds Recorded During
a Visit to the Island of Santa Barbara, San Nicolas and San Clemente,
in the Spring of 1897," by Joseph Grinnell, 1-26. No. 2, May 1898:
Birds of the Pacific Slope of Los Angeles County, by Joseph Grinnell,
1-52.

PASSENGER PIGEON; bulletin of the Wisconsin society of ornithology.
Vol. 1- , Jan. 1939- . 1₁Madison, Wisconsin, 1939- .
23 cm.

Monthly, volumes 1-3. Quarterly, volume 4- .

Subtitle varies.

Editors: January 1939-October 1943, W. E. Scott. October 1943- , N. R. Barger.

Mimeographed from volume 1 through volume 2, number 6.

Printed from volume 2, number 7.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1939: index \uparrow ₁-xi (supp. to Vol. 2, No. 8, August 1940), \uparrow ₁₁-170, 1 fold. map. (Page 170 of No. 12, erroneously paged 140.)

Vol. 2, Nos. 1-12, Jan.-Dec. 1940: index \uparrow ₁-xii (supp. to Vol. 3, No. 1, Jan. 1941, \uparrow ₁₁-138.

Vol. 3, Nos. 1-12, Jan.-Dec. 1941: index \uparrow ₁-vi (supp. to Vol. 4, No. 1, Jan. 1942), \uparrow ₁₁-110.

Vol. 4, Nos. 1-12, Jan.-Dec. 1942: index \uparrow ₁-vi (supp. to Vol. 5, No. 1, Apr. 1943), \uparrow ₁₁-106. (Nos. 4-6, a triple number. Nos. 7, 8, 9 July-Sept. 1942, also called new series No. 3, Oct. 1942, with a supp. reprinted from Nos. 4-6, pages 29-34, with corrections. Nos. 10, 11, 12, Oct.-Dec. 1942, also called new series No. 4, Jan. 1943).

Vol. 5, Nos. 1-4, Apr.-Oct. 1943 \uparrow ₁₁-96. (No. 4, also called old series, Vol. 5, No. 4, Jan. 1944.)

Vol. 6, Nos. 1-4, Jan.-Oct. 1944 \uparrow ₁₁- \uparrow ₁₁₀₀₁.

Vol. 7, Nos. 1-4, Jan.-Oct. 1945: \uparrow ₁₁-147. (Pages 137-147, index to Vols. 5-7.)

Vol. 8, Nos. 1-4, Jan.-Oct. 1946: \uparrow ₁₁- \uparrow ₁₁₃₂₁.

Vol. 9, Nos. 1-4, Jan.-Oct. 1947: \uparrow ₁₁- \uparrow ₁₁₅₂₁.

Vol. 10, Nos. 1-4, Jan.-Oct. 1948: \uparrow ₁₁-162. (Pages 153-162, index to Vols. 8-10.)

Vol. 11, Nos. 1-4, Jan.-Oct. 1949: \uparrow ₁₁-191.

Covers on each volume from Vol. 6- ; included in paging.

Concerned largely with the birds of Wisconsin. Contains short life history studies, regional lists (including a reprinting of Kumlien and Hollister's "The Birds of Wisconsin" brought up to date by A. W. Schorger), and biographical data on Wisconsin ornithologists. Illustrated with numerous photographs. — R. W. Storer.

PASSENGER PIGEON; official organ of the nature correspondence association. Vols. 1-2, No. 1? July 1926-Aug. 1927? Youngstown, Ohio, Ann Arbor, Michigan, 1926-1927.

21½, 28 cm.

Bimonthly.

Editor: Russell Lee Walp.

The first two numbers were published in Youngstown, Ohio, and hectographed. The other issues appeared from Ann Arbor, Michigan, and were mimeographed. Volume 2, number 1, increased in size from 21½ cm. to 28 cm. and was mimeographed on one side of leaf only. The cover design on this number was a Passenger Pigeon done by

Roger Tory Peterson, who was curator of birds and staff artist for the magazine. G. S. Guion states that he was advised that five numbers were published in Ann Arbor. With the two numbers from Youngstown, seven numbers in all are probably a complete set.

No more published?

Library has: Vol. 1, No. 1, July-Aug. 1926; 4 pp. No. 2, Sept.-Oct. 1926; 6 pp. No. 3, Nov.-Dec. 1926; 4 pp. No. 4, Jan.-Feb. 1927; 4 pp. No. 5, Mar.-Apr. 1927; 4 pp. No. 6, May-June 1927; 4 pp. Vol. 2, No. 1 July-Aug. 1927?; 1-7. Covers.

PETREL; an illustrated monthly magazine devoted to ornithology and oology. Vol. 1, No. 1, Jan. 1901. Palestine, Oregon, 1901. Illus. 23½ cm.

Monthly.

Editor: John William Martin.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Jan. 1901: 1-16 incl. 3 pls. Covers.

Several hundred copies of the first number were mailed as samples. The journal was intended to appear monthly, but suspended publication with number 1. The single issue contains valuable notes on habits of birds, illustrated with photographs of nests and eggs. — P. Brodkorb.

Those who contributed were: William L. Atkinson, James J. Carroll, E. F. Hadly, Wm. L. Kells, Walton I. Mitchell, R. Nicholas, W. J. Wintemberg, D. W. Lewis, John W. Martin. — G. S. Guion.

PHAINOPEPLA; issued by the California Audubon society. Vols. 1-4, No. 9, Oct. 1928-June 1932. Los Angeles, California, California Audubon society, 1928-1932. Illus. 23 cm.

October 1928-June 1931 monthly except July and August. October 1931-June 1932, monthly except July, August, and September.

Issued in co-operation with the National Association of Audubon Societies.

Editor: Harriet Williams Myers.

Volume 1 contains 9 numbers; volumes 2 and 3, 10 numbers each and volume 4, 9 numbers.

No more published.

Library has: Vol. 1, Nos. 1-9, Oct. 1928-June 1929: 4 pp. each number. (No. 4, erroneously numbered 14.)

Vol. 2, Nos. 1-10, Sept. 1929-June 1930: Nos. 1-8, 4 pp. each; Nos. 9 and 10, paged separately 1-6, 1-4.

Vol. 3, Nos. 1-10, Sept. 1930-June 1931: No. 1, 1-6; Nos. 2-10, 1-4 each.

Vol. 4, Nos. 1-9, Oct. 1931-June 1932: No. 1, 1₁-6; Nos. 2-8, 1₁-4 each; No. 9, 1₁-8.

The leading article of each number is a one-page conversation with some species of California bird, from the pen of the editor. The remaining pages are composed of news items. There is very little of permanent value in the series. — P. Brodorb.

PHOEBE; official publication of the Council Bluffs bird club. Vol. 1, Nos. 1-3, Dec. 1940-May 1941. Council Bluffs, Iowa, 1940-1941. 28 cm.

Editor: Mrs. Jack Kennedy (?).
Mimeographed on one side of leaf only.
No more published.

Library has: Vol. 1, Nos. 1-3, Dec. 1940-May 1941: 2 pp., 1-7.

PORTLAND SOCIETY OF NATURAL HISTORY. JOURNAL. . . Vol. 1, No. 1, Mar. 1864. Portland, Maine, S. Berry; printer, 1864. 22 $\frac{1}{2}$ cm.

Listed by Burns.
No more published.

Library has: Vol. 1, No. 1, Mar. 1864: 1-63, Pls. 1-10. Covers.

Completely filled by a contribution on the "terrestrial and fluviatile Mollusca" of Maine by Edward S. Morse. — J. Van Tyne.

PRINCETON UNIVERSITY BIRD CLUB. BULLETIN. Vol. 1, No. 1, Sept. 1901. Princeton, New Jersey, Published by the club. 1901. 23 $\frac{1}{2}$ cm.

Editor: William E. D. Scott.
Not listed by Burns.
No more published.

Library has: Vol. 1, No. 1, Sept. 1901: 1₁-82, 1 l., index, i-vii. Covers.

The first number (probably all issued) contains a list of the officers and club membership and a paper on the Birds of Princeton, New Jersey, and vicinity, by W. A. Babdon. The announcement is made that the club "will issue further bulletins as the accumulation or importance of original matter may warrant." — Casey A. Wood.

PROTHONOTARY; published monthly by the Buffalo ornithological society. Vol. 1, No. 1- , Mar. 1935- . Buffalo, New York, 1935- . 28 cm.

Monthly.

Title varies: A number preceeded volume 1, number 1, published February 6, 1935, and was called Ornithological Section, B-S-N-S- (Buffalo Society of Natural Sciences). A contest was held to name the publication and the next number was called the Prothonotary, volume 1, number 1.

Editors: March 1935-June 1938, Harold D. Mitchell. July 1938- . Edward C. Ulrich.
Mimeographed.

Library has: Ornithological section, B-S-N-S-, Feb. 6, 1935: 1₁-4.
Vol. 1, Nos. 1-10, Mar.-Dec. 1935.
Vol. 2, Nos. 1-12, Jan.-Dec. 1936.
Vol. 3, Nos. 1-12, Jan.-Dec. 1937.
Vol. 4, Nos. 1-12, Jan.-Dec. 1938.
Vol. 5, Nos. 1-12, Jan.-Dec. 1939.
Vol. 6, Nos. 1-12, Jan.-Dec. 1940.
Vol. 7, Nos. 1-12, Jan.-Dec. 1941. (Nos. 11, 12 erroneously numbered 10, 11).
Vol. 8, Nos. 1-12, Jan.-Dec. 1942.
Vol. 9, Nos. 1-12, Jan.-Dec. 1943. (Volume number of No. 2, erroneously numbered 10).
Vol. 10, Nos. 1-12, Jan.-Dec. 1944.
Volumes 1-10 paged separately varying from 3-9 pages each.
Vol. 11, Nos. 1, 3-12, Jan.-Dec. 1945: 1-54.
Vol. 12, Nos. 1-12, Jan.-Dec. 1946: 1-69.
Vol. 13, Nos. 1-12, Jan.-Dec. 1947: 1-74.
Vol. 14, Nos. 1-12, Jan.-Dec. 1948: 1-80. (No. 11, erroneously numbered 10, erroneously dated Oct. and erroneously paged 62-68).
Vol. 15, Nos. 1-12, Jan.-Dec. 1949: 1-73.

Contains principally records of various observers, comments on nesting activities, and club notes. — G. S. Guion.

QUAINT OLD COLLECTOR. 1Vol. 1, No. 1- ?₁, June 1907- ?
Belvidere, Illinois, 1907- ?

Monthly.

Editor: Richard V. Carpenter (for volume 1, number 1).
Not listed by Burns, Casey A. Wood, or Guion.

Library has: 1Vol. 1, No. 1₁, June 1907: 1₁-1₈₁.

Very amateurish. — R. W. Storer.

QUEBEC (PROVINCE) SOCIETY FOR THE PROTECTION OF BIRDS.
ANNUAL REPORT. No. 1- , 1917- . Montreal, Quebec, 1917- .
21 cm.

Editors: Past presidents, L. M. Terrill, 1917-1925; Napier Smith, 1926-1928; Mrs. W. S. Hart, 1929-1933; Mrs. C. L. Henderson, 1933-1935; V. C. Wynne-Edwards, 1935-1943. According to information (1953) from Miss Ruth S. Abbott, secretary of the society, "The editors were the presidents each year until 1939-40 when Lewis McI. Terrill became editor. He was assisted by John D. Fry from 1941-1946; from 1947-1949 by George H. Montgomery and W. H. Rawlings; and in 1950-1951 Mrs. Terrill was added to the editorial committee."

Library has: 19th report, 1935-1936: 1₁-15. 27th report, 1944:
1₁-32. 34th report, 1950: front. 1₁-59. 35th report, 1951: 1₁-44.
Covers.

Summarizes records of occurrences of birds in the province.
- R. W. Storer.

RAMBLES IN NATURE. Vol. 1, Nos. 1-5? May-Sept. 1885?
Jackson, Michigan, R. J. Wood, 1885.
22 cm.

Monthly.

Editor: R. J. Wood.

Burns lists only numbers 1-2, May-June 1885, and states that there were "possibly one or two more numbers before suspending, since an exchange states that 'the September number did not appear. ' " Union List lists 3 numbers with a question about the number published. In the double number (4-5) in this library a note is made that "owing to unavoidable circumstances we were not able to get Rambles in Nature out at the time agreed. . ."

No more published?

Library has: Vol. 1, Nos. 4-5, Aug.-Sept. 1885: 25₁-32 and cover.

An interesting feature is the "Fraud List" of dishonest dealers.
- P. Brodkorb.

RANDOM NOTES ON NATURAL HISTORY; a pamphlet devoted to the distribution of useful knowledge concerning the various departments of zoology, mineralogy, and botany. Vols. 1-3, No. 12, Jan. 1, 1884-Dec. 1, 1886. Providence, Rhode Island, Southwick & Jencks, James M. Southwick, 1884-1886.
27½ cm.

Monthly.

Subtitle varies.

Editors: January 1884-March 1886, Southwick & Jencks. April, 1886-December 1886, James M. Southwick.

Burns states that after volume 3, number 3, James M. Southwick alone became the publisher; he also states that a complete file is rather scarce and that the first 2 numbers of volume 1 were out of print immediately. Each volume contained 12 numbers. In volume 3, number 12, the editor states that Random Notes on Natural History will be discontinued as a regular publication due to the fact that the expenses were greater than the subscriptions.
No more published.

Library has: Vol. 1, Nos. 1, 3-12, Jan.-Dec. 1884: Nos. 1, 3, 7-11, each paged 1₁-12; Nos. 4, 5, 12, each paged 1₁-16; No. 6, 1₁-10.

Advertising, contents, and covers included in paging.

Vol. 2, Nos. 1-12, Jan.-Dec. 1885: 1₁-96, 1₁-xlviii, incl. 1 p. contents, advertising, and covers.

Vol. 3, Nos. 1-12, Jan.-Dec. 1886: 1₁-99, incl. contents. Covers and advertising omitted from this copy.

A trade journal of the natural history firm Southwick and Jencks. Contains numerous notes on the occurrence of species of plants and animals in New Jersey. — P. Brodtkorb.

Quite a few unsigned articles on birds. Among those who contributed notes and articles on birds were: Frank H. Allen, William Brewster, Montague Chamberlain, and Charles Dury. — G. S. Guion.

RAVEN; bulletin of the Virginia society of ornithology. Vol. 1- , Jan. 1930- . Lynchburg, Virginia, 1930- .
28 cm.

Monthly.

Editor: J. J. Murray of Lexington, Virginia.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1930: 1₁-7, 1₁-5, 1₁-4, 1₁-4, 1₁-5, 1₁-5, 1₁-5, 1₁-4, 1₁-4, 1₁-4, 1₁-4, 1₁-5.

-- --- Supp. to No. 5, 1-2.

Vol. 2, Nos. 1-12, Jan.-Dec. 1931: 1₁-6, 1₁-3, 1₁-5, 1₁-13, 1₁-7, 1₁-8, 1₁-8, 1₁-7, 1₁-5, 1₁-4, 1₁-8. (Nos. 8-9, 11-12, double numbers.)

-- --- Supp. to No. 2, 1-16.

Vol. 3, Nos. 1-12, Jan.-Dec. 1932: 1₁-8, 1₁-12, 1₁-7, 1₁-9, 1₁-10, 1₁-5, 1₁-9, 1₁-9, 1₁-7. (Nos. 2-3, 8-9, 10-11, double numbers.)

Vol. 4, Nos. 1-12, Jan.-Dec. 1933: 1₁-5, 1₁-12, 1₁-11, 1₁-12, 1₁-10, 1₁-11, 1₁-5, 1₁-7, 1₁-7. (Nos. 4-5, 8-9, 10-11, double numbers.)

Vol. 5, Nos. 1-12, Jan.-Dec. 1934: 1₁-10, 1₁-12, 1₁-7, 1₁-10, 1₁-7, 1₁-6, 1₁-4, 1₁-6. (Nos. 2-3, 4-5, double numbers; Nos. 10-12, triple number.)

Vol. 6, Nos. 1-12, Jan.-Dec. 1935: 1₁-9, 1₁-10, 1₁-7, 1₁-13, 1₁-10, 1₁-9, 1₁-10, 1₁-9. (Nos. 2-3, 7-8, 9-10, 11-12, double numbers.)

- Vol. 7, Nos. 1-12, Jan.-Dec. 1936; 1₁-11, 1₁-9, 1₁-10, 1₁-11, 1₁-5, 1₁-9, 1₁-14. (Nos. 2-3, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 8, Nos. 1-12, Jan.-Dec. 1937: 1₁-79. (Nos. 2-3, 4-5, 7-8, 9-10, 11-12, double numbers.)
- Vol. 9, Nos. 1-12, Jan.-Dec. 1938: 1₁-109. (Nos. 2-3, 4-5, 11-12, double numbers.)
- Vol. 10, Nos. 1-12, Jan.-Dec. 1939: 1-11, 1-18, 1₁-11, 1₁-13, 1₁-10, 1₁-11, 1₁-10. (Nos. 2-3, 4-5, 6-7, 8-9, 1-11, double numbers.)
- Vol. 11, Nos. 1-12, Jan.-Dec. 1940: 1-74. (Nos. 1-2, 3-4, 5-6, 8-9, 11-12, double numbers.)
- Vol. 12, Nos. 1-12, Jan.-Dec. 1941: 1₁-85. (Nos. 2-3, 4-5, 8-9, 10-11, double numbers.)
- Vol. 13, Nos. 1-12, Jan.-Dec. 1942: 1-56. (Nos. 2-3, 4-5, 6-7, 9-10, 11-12, double numbers.)
- Vol. 14, Nos. 1-12, Jan.-Dec. 1943: 1-54. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 15, Nos. 1-12, Jan.-Dec. 1944: 1-103. (Nos. 1-2, 4-5, 9-10, 11-12, double numbers.)
- Vol. 16, Nos. 1-12, Jan.-Dec. 1945: 1-85. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 17, Nos. 1-12, Jan.-Dec. 1946: 1-94. (Nos. 2-3, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 18, Nos. 1-12, Jan.-Dec. 1947: 1-69. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 19, Nos. 1-12, Jan.-Dec. 1948: 1₁-70. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 20, Nos. 1-12, Jan.-Dec. 1949: 1-119. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 21, Nos. 1-12, Jan.-Dec. 1950: 1-110. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 22, Nos. 1-12, Jan.-Dec. 1951: 1-86. (Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, double numbers.)
- Vol. 23, Nos. 1-12, Jan.-Dec. 1952: 1-109.
- Index for each volume, 10-23 included in paging.

A medium for the exchange of field notes on Virginia birds. Volume 9, No. 10, contains a nominal list of 369 birds of that state by J. J. Murray. — P. Brodtkorb.

RECORDS OF NEW ENGLAND BIRDS. Vol. 1, No. 1- , Jan. 1945- . Cambridge, Massachusetts, Massachusetts Audubon society, 1945- . 23 cm.

Monthly.

At head of title: Bulletin of the Massachusetts Audubon Society, volumes 1-6, number 4. Volume 6, number 5, Massachusetts Audubon Society.

The Records of New England Birds first appeared in the Bulletin of the Massachusetts Audubon Society, volume 29, number 3, April 1945.

In May 1950 it became a separate publication. Successor to Bulletin of New England Bird Life, according to Miriam Tilden, assistant editor of the Records of New England Birds. 1951,

Editors: January-July 1945, William and Annette Cottrell.

August-October 1945, William Cottrell; assistant editors, Annette Cottrell, Ruth P. Emery. November 1945-November 1948, Donald C. Alexander; assistant editors, William Cottrell, Ruth P. Emery.

December 1948-December 1949, William Cottrell, Ruth P. Emery.

January 1950-, Henry M. Parker; assistant editors, Ruth P. Emery, Ruth K. Higginbotham, Miriam Tilden.

Library has: Vol. 1, index 1₁-viii, Nos. 1-12, Jan.-Dec. 1945: 1₁-234.

Vol. 2, index, 1₁-vii, Nos. 1-12, Jan.-Dec. 1946: 1₁-183.

Vol. 3, index, 1₁-vii, Nos. 1-12, Jan.-Dec. 1947: 1₁-171.

Vol. 4, index, 1₁-vii, Nos. 1-12, Jan.-Dec. 1948: 1₁-164.

Vol. 5, index, 1₁-viii, Nos. 1-12, Jan.-Dec. 1949: 1₁-247.

Vol. 6, index, 1₁-viii, Nos. 1-12, Jan.-Dec. 1950: 1₁-268.

As the title indicates this journal consists largely of distribution records, but many good photographs are included. — R. W. Storer.

RECORDS OF WALKS AND TALKS WITH NATURE. Vols. 1-12, Feb. 8, 1908-Jan. 1921. West Newton, Massachusetts, C. J. Maynard, 1908-1921.

Illus. 16½ cm.

-- --- Appendices.

Weekly.

Conducted by C. J. Maynard.

One number appeared each week. Each volume contained 40 numbers.

Not listed by Burns.

No more published.

The set in this library is probably complete as no more is listed in A Bibliography of the Published Writings of Charles Johnson Maynard 1845-1929, by C. F. Batchelder from the Journal of the Society for the Bibliography of Natural History, volume 2, part 7, pages 227-260, January 4, 1951, London.

Library has: Vol. 1, 1908: 181 pp., 13 plates.

Vol. 2, 1909: 193 pp., 1 plate.

Vol. 3, 1909-1910: 188 pp.

Vol. 4, 1910-1911: 236 pp., 10 plates, including front. (Plates incorrectly numbered.)

Vol. 5, 1911-1912: 182 pp. Bound with this volume is an appendix.

Vol. 6, 1912-1915: front., 198 pp.

Vol. 7, 1914-1915: 230 pp.

Vol. 8, 1916: front., 179 pp.

Vol. 9, 1917: front., 179 pp.

Vol. 10, 1918: 177 pp.

Vol. 11, 1919: 169 pp.

Vol. 12, 1920-1921: 170 pp., 2 pls.

Covers and an index with each volume.

-- --- Appendix to Vol. 5: "Descriptions of Some Species of the Family Cerionidae," Jan.-Feb. 1913: 177-200. (Bound with volume 5, following page 182.)

-- --- Appendix to Vol. 10: "Contributions to the History of the Cerionidae." No. 1, Oct. 16, 1919: 1₁-24, Pls. 5-6. No. 2, Nov. 6, 1919: 25-52, Pls. 7-8. No. 3 [n.d.] 53-68, Pls. 9-10. No. 4, Feb. 29, 1920: 69-80, Pls. 10-11. No. 5, Apr. 8, 1920: 81-92, Pls. 12-13. No. 6, July 10, 1920: 93-110, Pls. 14-19. No. 7, Sept. 30, 1920: 111-126, Pls. 1-4, 20-25. No. 8, May 2, 1921: 127-138, Pls. 26-33. No. 9, July 15, 1921: 139-154, Pls. 34-37. No. 10, Oct. 25, 1924: 155-170, Pls. 38-39. No. 11, July 18, 1925: 171-194, Pls. 40-41. No. 12, Mar. 10 [24], 1926: 195-218, Pls. 42-43.

A journal of the birds seen by the nature study classes conducted by the versatile editor, C. J. Maynard. The appendix to volume 10, consisting of a taxonomic study of the Cerionidae, contains descriptions of many new species. — P. Brodtkorb.

REDSTART. Vol. 1- , Oct. 1933- . Oglebay Park, Wheeling, West Virginia, Brooks bird club, 1933- .
28 cm.

Monthly, volumes 1-15; quarterly, volume 16- .

Editors: October-1 November ?₁ 1933, (Nos. 1-2) Russell West (according to the secretary, Carolyn Conrad). March 1934-September 1935, Tom Shields. October 1935-September 1940, J. W. Handlan. October 1940-August 1941, J. Harold Olson. September 1941-June 1942, Karl W. Haller. July-November 1942, Russell West. December 1942-April 1943, Mabel Hopwood. May-November 1943, Charles Conrad. December 1943-September 1946, Maurice G. Brooks. October 1946- , Russell DeGarmo.

Volume 1 contains only 9 numbers. Volumes 2-15 each contain 12 numbers. Volume 16 - 4 numbers per year.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: Vol. 1, Nos. 1-9, Oct. 1933-Sept. 1934: Nos. 1-2, 1 p. each; Nos. 2-9, paged separately, 1₁-4, 1₁-4, 1₁-7, 1₁-6, 1₁-5, 1₁-8, 1₁-7. (Reprints only of Nos. 1-2, Feb. 1935).

Vol. 2, Nos. 1-12, Oct. 1934-Sept. 1935: 1₁-89.

Vol. 3, Nos. 1-12, Oct. 1935-Sept. 1936: 1-93.

Vol. 4, Nos. 1-12, Oct. 1936-Sept. 1937: 1-79.

-- --- Index to vols. 1-4: 1₁-23.

Vol. 5, Nos. 1-12, Oct. 1937-Sept. 1938: 1-82.

Vol. 6, Nos. 1-12, Oct. 1938-Sept. 1939: 1-81.

- Vol. 7, Nos. 1-12, Oct. 1939-Sept. 1940: 1-83.
 Vol. 8, Nos. 1-12, Oct. 1940-Sept. 1941: 1-95. (On No. 3, volume is erroneously numbered 9. Nos. 7-8, a double number.)
 Vol. 9, Nos. 1-12, Oct. 1941-Sept. 1942: 1-178₁. (Last number un-paged).
 Vol. 10, Nos. 1-12, Oct. 1942-Sept. 1943: 1-69. (No. 1 should be numbered Nos. 1-2 and No. 2 should be numbered 3, according to a note on page 23).
 Vol. 11, Nos. 1-12, Oct. 1943-Sept. 1944: 1-76.
 Vol. 12, Nos. 1-12, Oct. 1944-Sept. 1945: 1-72.
 Vol. 13, Nos. 1-12, Oct. 1945-Sept. 1946: 1-58.
 Vol. 14, Nos. 1-12, Oct. 1946-Sept. 1947: 1-73.
 Vol. 15, Nos. 1-12, Oct. 1947-Sept. 1948: 1-76.
 Vol. 16, Nos. 1-4, Dec. 1948-Sept. 1949: 1-76, 1 p. photographs.
 Vol. 17, Nos. 1-4, Dec. 1949-Sept. 1950: 1-58.
 Vol. 18, Nos. 1-4, Dec. 1950-Sept. 1951: 1-53. (Nos. 3-4, double number).
 Vol. 19, Nos. 1- Dec. 1951-: 1- . (No. 1 erroneously labeled Vol. 9).
 Covers generally used and included in paging.

Much valuable information on the distribution of West Virginia birds. — P. Brodkorb.

RHINEBECK BIRD CLUB. ANNUAL REPORT. Nos. 1-3, 1915?-1917.
 Rhinebeck, New York, Rhinebeck bird club, 1915?-1917.
 Illus. 24 cm.

Annual.

Editors: Officers of the club, president, Maunsell S. Crosby; treasurer, Tracy Dows; secretary, Clinton G. Abbott.

No information has been obtained about the first report, except a note in the second report: "The Club has published during the year the yearbook of the Rhinebeck Bird Club, which contained the constitution and by-laws of the club, reports of officers covering the first year's work and a list of members. This was distributed to members in January 1916." This may be the first report. The second report was published with a pamphlet on Rhinebeck Birds and Seasons, by Maunsell Schieffelin Crosby. The third report included 4 articles by Maunsell Schieffelin Crosby.

Not listed by Burns.

No more published.

Library has: Second report, 1916: 51-62 (in Rhinebeck Birds and Seasons, by Maunsell S. Crosby). Third report, 1917: front. 13₁-33. Covers.

Contains the proceedings of the club and migration and nesting dates for birds in Dutchess County, New York. — P. Brodkorb.

RHINEBECK BIRD CLUB. YEARBOOK. 1918, 1919, 1920. Rhinebeck, New York, The Rhinebeck bird club, 1921.

Illus. 23½ cm.

Editor: Maunsell S. Crosby.

No more published.

Library has: Yearbook for the years 1918, 1919, 1920: 11-40.
Covers.

Contains "A Preliminary List of the Birds of Dutchess County, N Y., with Migration and Nesting Dates," by Maunsell S. Crosby, 229 species. — P. Brodkorb.

RIDGWAY ORNITHOLOGICAL CLUB, CHICAGO. BULLETIN. Nos. 1-2, 1883, 1887. Chicago, Illinois, G. K. Hazlitt, 1883, 1887.

21½ cm.

Published irregularly.

Editor: George L. Toppan.

Not listed by Burns.

No more published.

Library has: No. 1, Nov. 8, 1883: 11-37. No. 2, Apr. 1887: 11-85.
Covers.

Number 1 is a repaged reprint of the article by Cooke and Widmann on bird migration in the Mississippi Valley, originally published in the American Field 1 Volume 20, number 22 to volume 21, number 31.

Number 2 contains a short history and the constitution of the club, and important original papers on birds by Hancock, Coale, Ridgway, Morcom, Gault, and Toppan. The club was active from 1883-87, after which date it dissolved. The minutes of the meetings of the club were published in the current number of the Auk. — P. Brodkorb.

ROCHESTER ACADEMY OF SCIENCE. ORNITHOLOGICAL SECTION,
see GOSHAWK

ROGER WILLIAMS PARK MUSEUM BULLETINS, see ROGER
WILLIAMS PARK MUSEUM MONOGRAPH

ROGER WILLIAMS PARK MUSEUM MONOGRAPH. Nos. 1-17, 1902-1906. Providence, Rhode Island, 1902-1906.

Illus. 23 cm.

Monthly.

Title varies: numbers 1-14 as Bulletins. (Second edition of number 14 as Monograph).

Editor: C. Abbott Davis.

Numbers 5-6 published only in the Apteryx volume 1, number 1, January 1905. Title of number 5, "Rotifera of Rhode Island," by F. N. Howard and number 6, "Catocalae of Lonsdale, R. I.," by Wm. Dearden. Numbers 7, 8, and 9 were published also in the Apteryx volume 1, number 2, April 1905. Numbers 10, 11, 12, and 13 also published in the Apteryx volume 1, number 3, July 1950. Number 16, never published.

Not listed by Burns.

No more published. Another series called Bulletins began in 1909.

Library has: Nos. 1-15, 17. Sept. 1904 (3rd ed.) - May 1906: each number paged separately varying from 4-47 pages. Covers. (No. 14 in this set is the 2d ed. April 1907. Nos. 5-6 in the Apteryx and No. 16 never published).

Contains instructions for collecting specimens in various branches of natural history and check lists of plants, animals, and minerals of Rhode Island and other New England states. — P. Brodtkorb.

RUFFED GROUSE. No. 1- , 1944- . Pittsburgh, Pennsylvania, Audubon society of western Pennsylvania, 1944- .
Illus. 23½ cm.

Published irregularly.

Editor: 1944- , E. H. McClelland.

According to information (1952) from Miss Edith Portman, librarian of the Mellon Institute, Pittsburgh, the Audubon Society of Western Pennsylvania, first published the Bulletin of the Audubon Society of Western Pennsylvania. Upon the appearance of the Cardinal, published by the Audubon Society of the Sewickley Valley, it was decided to support that publication. Upon the death of the editor, Bayard Christy, the Cardinal ceased publication, and the Ruffed Grouse is now the publication of the Audubon Society of Western Pennsylvania.

Library has: No. 1, 1944: 1₁-48. No. 2, 1948: 1₁-60. No. 3, 1952: 1₁-60. Covers.

Primarily of local interest. — R. W. Storer.

ST. LOUIS AUDUBON BULLETIN, see ST. LOUIS BIRD CLUB.
BULLETIN

ST. LOUIS BIRD CLUB. BULLETIN. Vols. 1-10, No. 1₃, May 1932-March 1941. St. Louis, Missouri, 1932-1941.
28 cm.

Published irregularly.

Not named until volume 1, number 3.

Title varies: new series as St. Louis Audubon Bulletin.

Editors: A. F. Satterthwait, N. F. Barger, R. A. Dede, Louis Weber, Marvin Beckman.

According to G. S. Guion a complete file for volumes 1-10 is as follows: volume 1, numbers 1-4; volume 2, numbers 1-9; volume 3, numbers 1-9; volume 4, numbers 1-8; volume 5, numbers 2, 3, 7, 8 (numbers 1, 4, 5, 6, never published); volume 6, numbers 1-3; volume 7, numbers 1-4; volume 8, numbers 1-4; volume 9, numbers 1-4 (number 1 may be considered also as volume 8, number 5); volume 10, numbers 1-3. The new series began in November 1941. After correspondence with several persons in St. Louis, no definite information was obtained concerning the numbers considered to comprise a complete set of the new series. It is not listed.

Library has: Vol. 1, Nos. 1-4, May-Dec. 1932: No. 1, 1₁-4, Nos. 2-4, 1₁-16.

Vol. 2, Nos. 1-9, Jan.-Dec. 1933: 1₁-54.

Vol. 3, Nos. 1-9, 1₁Jan.₁-Dec. 1934: Nos. 2-9, 1₁55₁-114. (No. 1 consists of 9 pp., 1 pl. (port.) and covers. It is a memorial number to Otto Widmann, is printed and reduced in size to 27½ cm.).

Vol. 4, Nos. 1-8, Jan.-Nov. 1935: 1₁-50. (No. 1 erroneously numbered 9).

Vol. 5, Nos. 2, 3, 7, 8, Feb.-Apr., Nov.-Dec. 1936: Nos. 2-3, 1₁7₁-18, No. 7, 6 pp., No. 8, 1₁49₁-55. (No. 8 erroneously called Vol. 6).

Vol. 6, Nos. 1-3, Jan.-Mar. 1937: 1₁-12. (Nos. 2-3, a double number).

Vol. 7, Nos. 1-4₁, Jan.-Mar., Dec. 1938: 1₁-8, 1₁-6, 1₁13₁-18, 2 pp.

1₁Vol. 8₁ 1₁Nos. 1-4₁, Jan.-Apr. 1939, 3 pp., 4 pp., 1₁-5, 1₁-5. (Nos. 1-2, 32 cm.).

1₁Vol. 9₁ 1₁Nos. 1-4₁, Jan., Mar.-May 1940: 4 pp., 1₁-5, 4 pp., 1₁-6.

1₁Vol. 10₁ 1₁Nos. 1-3₁, Jan.-May 1941: 1₁-6, 1₁-3, 1₁-2.

SCHENECTADY BIRD CLUB. BULLETIN. No. 1- , May 1943- .

Schenectady, New York, 1943- .

21 cm.

Published irregularly.

Editors: Numbers 1-2 prepared for publication by Barrington S. Haven and Guy Bartlett. Number 3 prepared by George H. and Ann Bainbridge.

Lithoprinted.

Library has: Nos. 1-4, May, July 1943, Aug. 1944, Feb. 1945: 1₁-11, 1₁-12, 1₁-12, 14 pp. Covers on number 4. (Number 4 was prepared from pages appearing in Feathers during 1944.)

Habits and distribution of some birds of eastern New York.
— M. Underwood.

SCIENCE NEWS. Vol. 1, Nos. 1-24, Nov. 1, 1878-Oct. 15, 1879. Salem, Massachusetts, S. E. Cassino, 1878-1879.

Illus. 23 cm.

-- --- Supplement, 1879.

Published on the 1st and 15th of each month.

Editors: Ernest Ingersoll and William C. Wyckoff, according to Burns. No more published.

Library has: Vol. 1, Nos. 1-24, Nov. 1, 1878-Oct. 1879: {1,}-384, Pl. 1. Supplement, 1879: "Catalogue of the Reptilia and Amphibia of Michigan," by W. H. Smith, {1,}-viii. (Covers removed in binding.)

Contributions by Walter E. Bryant, T. S. Roberts, G. H. Ragsdale, Coues, Burroughs, G. Brown Goode, Covert. — J. Van Tyne.

SCIENCE OBSERVER; a journal for scientists. Vols. 1-5, No. 3, June 1877-July 1887. Boston, Boston amateur scientific society {etc.}, 1877-1887.

23 cm.

Special Circular. Nos. 1-138, 1879-1905.

Issued monthly (irregular), June 1877-November 1879; issued at irregular intervals, February 1880-July 1887.

Subtitle varies: With volume 5, the subtitle became the Proceedings of the Boston Scientific Society.

Editors: John Ritchie, Jr., F. R. Kimball, G. H. Elson, E. F. Sawyer. According to information from Yale University Library, where there is a complete set of this publication, volume 1, contains 12 issues, June 1877-June 1878 (no issue for November); volume 2, 12 issues, July 1878-November 1879 (no issues for August 1878, January, May, August, October 1879); volume 3, 12 issues {1882-1886?}, not dated, (double numbers 1-2, 3-4, 5-6, 7-8, 9-10); volume 5, 3 issues {1886-1887}, not dated.

No more published.

Library has: Vol. 2, No. 8, Apr. 1879: {57,}-64. Special circular: Nos. 126, 130-135.

Although the subtitle of this magazine reads "A Journal for Scientists," and there are a few articles about other branches of science, most of the papers are concerned with astronomy. All of the issues of the Special Circular owned by Yale University {and University of Michigan}, are concerned with astronomy only. — Barbara D. Simison, assistant reference librarian, Yale University.

SCIENCE OBSERVER; a monthly journal devoted to the development of science. Vol. 1, No. 1- ? Dec. (?) 1887-? Vineland, New Jersey, 1887- ?

23½ cm.

Monthly.

Editor: A. C. Smith (for number 3 of volume 1).

No information has been obtained about this magazine.

Not listed by Burns, Casey A. Wood, or Guion.

Library has: Vol. 1, No. 3, Feb. 1888: 33, 48 incl. front. Covers.

SCIENCE RECORD; a monthly journal of notes and news in all departments of science. Vols. 1-2, No. 12, Nov. 1882-Oct. 1884. Boston, Massachusetts, S. E. Cassino & co., 1882-1884.
24 cm.

Monthly.

Title varies: Volume 1 as Scientific and Literary Gossip. Subtitle varies.

Editor: J. S. Kingsley.

Each volume contained 12 numbers.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-5, 6-12, Nov. 1882-Mar. 1883, May-Oct. 1883: 1-46, 57-128.

Vol. 2, Nos. 1, 2, 4, 5, 7-12, Nov., Dec. 1883, Feb. Mar., May-Oct. 1884: 1-48, 73-120, 145-276.

A trade journal, largely devoted to books and personalia.

— P. Brodtkorb.

Ornithological articles by Elliott Coues, G. E. Manigault, Leonard Stejneger, Geo. F. Gaumer, Arthur T. Wayne, and a few unsigned articles. — G. S. Guion.

SCIENTIFIC AND LITERARY GOSSIP, see SCIENCE RECORD

SCISSORTAIL; bulletin of the Oklahoma ornithological society. Vol. 1, No. 1- , Jan. 1951- . Ponca City, Oklahoma, 1951- .
28 cm. (volume 1, number 1, 36 cm.)

Quarterly (?).

Title varies: Volume 1 as Oklahoma Ornithological Society Bulletin,

Editor: Joe C. Creager.

Lithoprinted.

Library has: Vol. 1, Nos. 1-7, Jan.-July 1951: 2 pp., 2 pp., 1 p. 1-5.
(Nos. 2-3 double and Nos. 4-7 triple numbers).

Vol. 2, Nos. 1-4, Jan.-Dec. 1952: 1-40.

Vol. 3, No. 1- , Jan.-Mar. 1953- : 1-10.

Covers added with Vol. 2.

Primarily notes of local interest. — R. W. Storer.

SCRANTON BIRD CLUB. [BULLETIN], Vol. 1- , Apr. 1932- . Scranton, Pennsylvania, 1932- .
21 cm.

Published irregularly.

Editor: Mrs. Francis H. Coffin.

Mimeographed.

The following is believed to be a complete file, according to G. S. Guion (1943). No more information could be obtained.

Library has: Vol. 1, No. 1, Apr. 1932: No. 2, July 1932. No. 3, Oct. 1932. No. 4, Jan. 1933.

Vol. 2, No. 1, Apr. 1933. (No. 2 never issued). No. 3, Oct. 1933. No. 4, Jan. 1934.

Vol. 3, No. 1, Spring 1934. (Nos. 2, 3, and 4 never issued).

Vol. 4, No. 1, Spring 1935. (Nos. 2, 3, and 4 never issued).

Vol. 5, No. 1, Spring 1936. No. 4, Jan. 1937. (Nos. 2 and 3 never issued).

Vol. 6, No. 1, Spring 1937. No. 3, Autumn 1937. No. 4, Jan. 1938. (No. 2 never issued).

Vol. 7, No. 1, Spring 1938. No. 3, Nov. 1938. No. 4, Jan. 1939. (No. 2 never issued).

Vol. 8, No. 1, Spring 1939. No. 3, Autumn 1939. No. 4, Jan. 1940. 4 pp. (No. 2 never issued).

Vol. 9, No. 1, Spring 1940. No. 3, Autumn 1940. No. 4, Jan. 1941. (No. 2 never issued).

Vol. 10, No. 1, Spring 1941. No. 3, Autumn 1941. No. 4, Jan. 1942. (No. 2 never issued).

Vol. 11, No. 1, Spring 1942. No. 3, Autumn 1942. No. 4 (?) lacking. (No. 2 never issued).

Vol. 12, No. 1, Spring 1943.

Each number 4 pp.

Bird notes of local interest. — R. W. Storer.

SEATTLE WREN; official organ of the Seattle Audubon society. Vols. 1-9 No. 1, Oct. 1933, - Apr. 1941. Seattle, Washington, [1933]-1941. Illus. 23 cm.

Quarterly. Issued in April, July, October, January.

With volume 4, number 2, January 1937, the Seattle Wren was published as a page of the Puget Sounder, Seattle, Washington. 4 numbers of the Seattle Wren appeared in the Puget Sounder. Beginning with volume 6, number 1, January 1937, the Seattle Wren again appeared as a separate publication.

Editor: L. Roy Hastings.

A note (August, 1941) from Mr. Hastings to Mr. Guion states that the publication ceased "because of the expense."

- Library has: Vol. 1, Nos. 1-4, Oct. 1933-July 1934: each paged 1₁-4.
- Vol. 2, Nos. 1-4, Oct. 1934-July 1935: each paged 1₁-4.
- Vol. 3, Nos. 1-4, Oct. 1935-July 1936: each paged 1₁-4.
- Vol. 4, No. 1, Oct. 1936: 1₁-4. No. 2, Jan. 1937: 1 p. (in the Puget Sounder, Vol. 3, Nos. 2, Feb. 1937). No. 3, Apr. 1937, 1 p. (in the Puget Sounder, Vol. 3, No. 5, May 1937). No. 4, July 1937, 1 p. (in the Puget Sounder, Vol. 3, No. 8, Aug. 1937). (No volume numbering or dates on numbers which I assume are Nos. 3 and 4.)
- Vol. 5, No. 1 (?) Oct. 1937, 1 p. (in the Puget Sounder, Vol. 3, No. 10, Oct. 1937). (No volume or date.)
- Vol. 6, Nos. 1-4, Jan.-Oct. 1938: each paged 1₁-4.
- Vol. 7, Nos. 1-4, Jan. 1939-Jan. 1940: Nos. 1-3, each paged 1₁-4; No. 4, 1₁-8.
- Vol. 8, Nos. 1-3, Apr. 1940-Jan. 1941: each paged 1₁-4. (No. 4 lacking).
- Vol. 9, No. 1, Apr. 1941: 1₁-8.

Consists mainly of news items, calendars of coming events, and a few local bird notes. — P. Brodtkorb.

Among those who contributed were Alden A. Hadley, Harry C. Oberholser, John H. Baker, Ellsworth D. Lumley, and Earl J. Larrison. — G. S. Guion.

SEMI-ANNUAL, see WILSON BULLETIN

SIoux CITY BIRD CLUB REVIEW, see DICKCISSEL

SNOWY EGRET. Vols. 1-17, Oct. 1922-Spring 1942; Spring 1951-.
Worthington, Ohio; Battle Creek, Michigan etc., 1922-1942, 1951-.
Illus. 14, 18, 22, 23, 28, 35½ cm.

Monthly, 1922-1931 (with many exceptions). 2 issues a year, 1932-1935. "To be issued quarterly when possible," 1936-, actually it appeared annually, semiannually, or not at all (1940).

Title varies: History of the Snowy Egret appears in the winter number 1932, summer 1934, spring 1938, and the Animal World 1939. The early titles mentioned are the Bird World, Nature Lore, the Worthington Naturalist, and the Osprey. Olson in a letter (1950) states that the Bird World is considered separate from the Snowy Egret and not accounted for in numbering. Nature Lore and the Worthington Naturalist are considered part of the first volume of the Snowy Egret. The Osprey was an independent publication published twice by R. E. Olsen. In October 1922, the magazine appeared as Nature Lore, volume 1, number 1. In December 1922, the title changed to the Worthington Naturalist, volume 1, numbers 2-11, December 1922-September 1923.

Volume 2 began in October 1924, and the title changed to the Snowy Egret; formerly the Worthington Naturalist. With volume 14, the title changed to the Animal World. With volume 15, the title again became the Snowy Egret.

Subtitle varies.

Editors: 1922-1939, H. A. Olsen; 1924-1939, contributor and co-editor, R. E. Olsen. Spring 1939- , Morris D. Aiken, H. A. Olsen, John A. Patten. Spring, 1941-1942, H. A. Olsen and John A. Patten. 1951- , H. A. Olsen.

Volume 1 was issued in Worthington, Ohio, in 11 numbers.

Volume 2, 1924-1925, with 9 numbers was published at Battle Creek, Michigan. Volume 3, 1925, with 5 numbers was issued in Battle Creek, with the exception of number 3, which was published at Moultrie, Florida. Volume 4 was omitted to adjust numbering to reflect half-year volumes according to Olsen. Volume 5, 1926, appeared next with 6 numbers, all being issued from Battle Creek, Michigan. Volume 5, number 2 was erroneously marked number 1, but corrected on the last page. Volume 6, 1926, in 5 numbers and volume 7, 1927, were published at Battle Creek, Michigan. Nothing published in 1928. Volume 8, 1929, appeared in 12 numbers. With number 5 of volume 8 the volume numbering changed to volume 4 and is numbered volume 4 through number 12 and the succeeding volume numbers based on this change. The size changes with the January 15, 1929, number 1, volume 8, number 1, from 22 cm. to 28 cm. The place of publication changed from Battle Creek, Michigan, to Berrien Springs, Michigan, in September 15, 1929 (volume 4, number 9). Volume 5, 1930, appeared in 12 numbers, the first 4 published at Berrien Springs, Michigan, and the remaining numbers at Ann Arbor, Michigan. Volume 6, 1931, with 12 numbers, 1-9 being issued at Ann Arbor, Michigan, and 10-12 at Madison, Tennessee. An authors' index was issued as a supplement to volume 6. Number 7 of volume 6 was erroneously marked volume 5. Volume 7, 1932, was published at Madison, Tennessee, in 2 numbers. Volume 8, 1933, appeared in 2 numbers at Battle Creek, Michigan. Volume 9, 1934, was published in 2 numbers at Battle Creek, Michigan. Volume 10, 1935, was issued from Pippapass, Kentucky, in 2 numbers and volume 11, 1936, in 1 number; the size was reduced from 28 cm. to 23 cm. Volume 12, 1937, in 1 number, the size increased to 35½ cm. Volume 13, 1938, in 2 numbers, published at Battle Creek, Michigan, the size was again reduced to 28 cm. Volume 14, 1939, published at Battle Creek, Michigan, in 1 number, title was changed to Animal World. Volume 15, in 2 numbers, was published at Battle Creek, title again Snowy Egret. Volumes 17-18, published in Perkinston, Mississippi.

The process used in publishing changed from typewritten copies of volume 1 to hectographed, multigraphed, and mimeographed.

Not listed by Burns.

Ceased publication in Spring 1942. Resumed publication Spring 1951.

- Library has: Vol. 2, No. 4, Jan. 1925: 1-14. (Hand colored plate on cover.) No. 5, Feb. 1925: 1-16. (Hand colored plate on cover.) No. 6, Mar. 1925: 1-14. (Hand colored plate on cover.) No. 7, Apr. 1925: 1-16. (Photograph on cover.) No. 8, May 1925: 1-20. (Photograph on cover.) No. 9, June 1925: 1-12 (Photograph on cover.)
- Vol. 3, No. 1, July 1925: 1-16. No. 2, Aug. 1925: 1-8. No. 3, Sept. 1925: 1-24. No. 4, Nov. 1925: 1-12. No. 5, Dec. 1925: 1-12. Covers. (Photograph on each cover.)
- Vol. 5, No. 1, Jan. 1926: 1-12. No. 2 (erroneously marked number 1), Feb. 1926: 1-8. No. 3, Mar. 1926: 1-12. No. 4, Apr. 1926: 1-8. No. 5, May 1926: 1-12. No. 6, June 1926: 1-12. Covers. (Photograph on covers of numbers 1-4.)
- Vol. 6, No. 1, July 1926: 1-8. Nos. 2-3, Sept. 1926: 1₁-12. No. 4, Oct. 1926: 1-16. No. 5, Dec. 1926: front. (double) 1-8. Covers.
- Vol. 7, No. 1, Jan. 1927: front. (double) 1-12. Nos. 2-3, Feb.-Mar. 1927: front. (double) 1-20. No. 4, Sept. 1927: 1-12. Covers.
- Vol. 8, No. 1, Jan. 15, 1929: 3 pp. No. 2, Feb. 15, 1929: 11 pp. incl. a map. No. 3, Mar. 15, 1929: 13 pp. incl. a map. No. 4, Apr. 15, 1929: 14 pp. No. 5 (volume number changed to 4), May 15, 1929: 19 pp. No. 6 (volume number changed to 4), June 15, 1929: 1-20. No. 7 (volume number changed to 4), July 1929: 1-20. No. 8 (volume number changed to 4), Aug. 15, 1929: 1-14. No. 9 (volume number changed to 4), Sept. 15, 1929: 1-22. No. 10 (volume number changed to 4), Oct. 15, 1929: 1-24. No. 11 (volume number changed to 4), Nov. 15, 1929: 1-13. No. 12 (volume number changed to 4), Dec. 15, 1929: 1-19. Covers.
- Vol. 5, No. 1, Jan. 15, 1930: 1-17. No. 2, Feb. 15, 1930: 1-14. No. 3, Mar. 15, 1930: 1-9. No. 4, Apr. 1930: 1-13. No. 5, May 1930: 1-15. No. 6, June 1930: 1-18. No. 7, July 1930: 1-20. No. 8, Aug. 1930: 1-20. No. 9, Sept. 1930: 1-22. No. 10, Oct. 1930: 1-22. No. 11, Nov. 1930: 1-22. No. 12, Dec. 1930: 1-22. Covers.
- Vol. 6, No. 1, Jan. 1931: 1-20. No. 2, Feb. 1931: 1-20. No. 3, Mar. 1931: 1-20. No. 4, Apr. 1931: 1-26. No. 5, May 1931: 1-24. No. 6, June 1931: 1-22. No. 7 (volume erroneously numbered 5), July 1931: 1-22. No. 8, Aug. 1931: 1-22. No. 9, Sept. 1931: 1-22. No. 10, Oct. 1931: 1-22. No. 11, Nov. 1931: 1-22. No. 12, Dec. 1931: 1-22. Covers.
- --- Supp. to Vol. 6: authors' index, 1-4.
- Vol. 7, No. 1, Winter 1932: 1-18. No. 2, Spring 1932: 19-48. Covers.
- Vol. 8, No. 1, Summer 1933: 1-24. No. 2, Winter 1933: 25-57. Covers.
- Vol. 9, No. 1, Summer 1934: 1-46. No. 2, Winter? 1934: 47-82. Covers.
- Vol. 10, No. 1, Autumn 1935: 1-36. No. 2, Winter 1935: 37-92. Covers.
- Vol. 11, No. 1, Spring 1936: 1-36, 1 double map. Covers.
- Vol. 12, No. 1, Winter Jan. 25, 1937: 1-40. Covers.
- Vol. 13, No. 1, Spring Feb. 25, 1938: 1-50₁. No. 2, Autumn Oct. 1, 1938: front. 51-84, 1 map. Covers.

- Vol. 14, No. 1, Spring 1939: 1, 1-44, 2 pls. (1 port., 1 col. pl.). Covers.
 Vol. 15, No. 1, Spring June 4, 1941: front. 1-24. Covers. No. 2,
 Autumn, Aug. 20, 1941: col. front. 29-58, 1 map. Covers.
 Vol. 16, No. 1, Spring 1942: col. front. 1-24. Covers.
 Vol. 17, No. 1, Spring 1951: 1-25, 1 pl. No. 2, Autumn 1951: front.,
 3-30. Covers.
 Vol. 18, No. 1, Spring 1952: 1-34, 1 pl. Covers.

While most of the articles are apparently not written with the idea of contributing to knowledge, others contain information of value about the distribution and habits of birds. — P. Brodtkorb.

SOUTH DAKOTA BIRD NOTES; official publication of South Dakota ornithologist's union. Vol. 1, No. 1- , July 1949- . 1Sioux Falls?, South Dakota, 1949- .
 23 cm.

Quarterly.

Subtitle varies.

Editors: July-December 1949, E. R. Lamster. March 1950- , Herman F. Chapman.

Library has: Vol. 1, Nos. 1-3, July-Dec. 1949: 1, 1-56.

Vol. 2, Nos. 1-4, Mar.-Dec. 1950: 1, 1-64. With No. 2, whole numbers were used also. This volume contains whole numbers 5-7.

Vol. 3, Nos. 1, 2, 4, Mar., June, Dec. 1951: 1, 1-32, 149, 1-64. (No. 3 lacking). Whole numbers 8, 9, 11.

Vol. 4, Nos. 1-4, Mar.-Dec. 1952: 1, 1-64. Whole numbers 12-15. Covers included in paging, Vol. 1-4.

SOUTHERN OOLOGIST; a monthly paper devoted to oology and ornithology. Vol. 1, Nos. 1-2, May-June 1891. Summerville, Augusta, Georgia, 1891.
 22 cm.

Monthly.

Editor: M. J. Twiggs.

Not listed by Burns. Casey A. Wood lists May 1891, volume 1, number 1, all published. Guion states that two numbers were issued. Probably no more published.

Library has: Vol. 1, No. 2, June 1891: 1, 1-4.

No. 2 seems to contain no new material of permanent value.

-- J. Van Tyne.

SOUTHWEST SCIENCE BULLETIN; published under the auspices of the council of the southwest science association. No. 1, May 5, 1920. Los Angeles, California, Southwest museum, 1920. Illus. 24½ cm.

In number 1, page 3 it is stated that "the issue is planned to succeed the various publications that have in times past voiced the activities of the Museum, and of certain affiliated organizations. Among these predecessors were the Bulletin of the Southwest Society of the Archaeological Institute of America, which ceased publication with the disincorporation of that organization, and Lorquinia, which discontinued under that title with the January 1919 issue. The Lorquin Club as a body has decided to devote its energies in co-operation with the several clubs and associations of the Museum, toward building a strong bulletin under the above title. This activity will be under the general supervision of the Council of the Southwest Science Association, an advisory board that is made up of the executive officers of the following organizations: the Lorquin Natural History Club, the Conchological Club, the Wild Flower Club, the Bird Lovers' Club and the Archaeology Club."

Editor: John A. Comstock.

No more published.

Library has: No. 1, May 5, 1920: col. front. 1₁-32. Covers.

The articles in the single issue published are on plants and Lepidoptera, with descriptions of new species in both fields.
— P. Brodkorb.

SPY GLASS; a magazine for collectors. Vol. 1, Nos. 1-3, Sept.-Nov. 1891. Arkansas City, Kansas, Greene & Balliet, 1891. Illus. 22½ cm.

Monthly.

Editor: Roy F. Greene; associate editor: Letson Balliet. Burns states that after the first number Balliet retired.

Burns lists only 2 numbers, Union List lists 3 numbers.

No more published?

Library has: Vol. 1, Nos. 1-3, Sept.-Nov. 1891: 1₁-62. Covers.

Articles of popular interest on a wide variety of subjects.

— P. Brodkorb.

Articles on ornithology and oology by W. S. Cruzan, Roy F. Greene, J. W. P. Smithwick, B. S. Bowdish, N. R. Christie, J. R. Frier.

-- G. S. Guion.

STAMP WORLD, see HUBBARD'S MAGAZINE

STORIES FROM NATURE; devoted to the natural sciences. For young and old alike. Vol. 1, Nos. 1-11, June 1897-Apr. 1898. DeLand, Florida, News publishing co., 1897-1898.
Illus. 43 cm.

Monthly.

Editor: J. F. Alldis.

Burns had an incomplete file of only 8 numbers. Union List lists 11 numbers.

No more published.

Library has: Vol. 1, Nos. 1-11, June 1897-Apr. 1898: each number, 8 pp. (Nos. 10-11, a double number).

Of a popular nature. — P. Brodkorb.

STORMY PETREL; a paper devoted to oology and ornithology. Vol. 1, Nos. 1-5, Apr.-Aug. 1890. Mendota, Illinois, M. Smith & co., 1890.
20½ cm.

Monthly.

Burns states that "it filled the unexpired subscriptions of the Exchange, Mendota, Illinois, evidently printed on the same press and type." This must have been after the Oologist's Exchange ceased publication, February 1890, as the Oologist's Exchange took the subscription list of the Exchange, October 1889.

Editors: M. Smith & co.

No more published.

Library has: No. 1, Apr. 1890: 4 pp. (no cover). No. 3, June 1890: 8 pp. No. 4, July 1890: 4 pp. No. 5, Aug. 1890: 8 pp. Covers.

Articles by T. G. Gentry, W. C. Robinson, J. W. P. Smithwick, B. S. Bowdish, the editors. — G. S. Guion.

SUNNY SOUTH OOLOGIST; a monthly devoted to the interest of ornithologists and oologists. Vol. 1, Nos. 1-3, Mar.-May 1886. Gainesville, Texas, E. C. Davis, 1886.
23½ cm.

Monthly.

Editor: Edwin C. Davis.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-3, Mar.-May 1886: 1, 1-40.

Contains a certain amount of original observations from all portions of the country. — P. Brodkorb.

Among those who contributed were Wm. L. Kells, Geo. G. Cantwell, and Fred M. Dille. — G. S. Guion.

TFNA ANNUAL BULLETIN, see TOLEDO NATURALISTS' ASSOCIATION. ANNUAL BULLETIN

TNA ANNUAL BULLETIN, see TOLEDO NATURALISTS' ASSOCIATION. ANNUAL BULLETIN

TAXIDERMIST; a monthly magazine devoted primarily to the interests of taxidermy, but interesting to every student of nature. Vol. 1, Nos. 1-12, July 1891-June 1892. Medina, Ohio, Taxidermist publishing co.; Akron, Ohio, Martin & Mignin, 1891-1892. 21-23 cm.

Monthly.

Subtitle varies.

With volume 1, number 4, October 1891, it became the monthly organ of the Wilson Ornithological chapter, although the Ornithologists' and Oologists' Semi-Annual (see Wilson Bulletin) remained the official organ.

Editor: E. W. Martin. With number 4, C. F. Mignin became business manager. Numbers 1-3 were published by the Taxidermist Publishing Company at Medina, Ohio; numbers 4-12 by Martin & Mignin at Akron, Ohio.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, July 1891-June 1892: 1₁-159. Covers.

Contains contributions of some merit by J. W. P. Smithwick, P. B. Peabody, Edmund Heller, Gilbert White, Oliver Davie, R. M. Gibbs, A. G. Prill, J. W. Jacobs, and Ned Hollister. Nos. 4-12 have the proceedings of the Wilson Ornithological chapter of the Agassiz Association. — J. Van Tyne.

TAXIDERMIST; devoted to what you want — how to use it — where to get it. Nos. 1-8, Apr. 1907-Sept. 1923. Hyde Park, Massachusetts, Frank Blake Webster co., 1907-1923. Illus. 23 cm.

Published irregularly.

Suspended May 1914, to September 1923. Number 7 also labeled volume 2. Volume number not used on numbers 1-6, 8.

Burns lists only numbers 1-7.

No more published.

Library has: No. 1, Apr. 1907: 1₁-16. No. 2, June 1907: 1₁-32.

No. 3, May 1908: 1₁-16. No. 4, Oct. 1908: 1₁-15. No. 5, Oct. 1910: 1₁-32. No. 6, Mar. 1913: 1₁-24. No. 7, May 1914: 1₁-12. No. 8, Sept. 1923: 1₁-24.

A trade journal consisting largely of price lists. — P. Brodkorb.

TENNESSEE AVIFAUNA. Nos. 1-2, Jan.-Feb. 1933. Nashville, Tennessee, Tennessee ornithological society, 1933.
23 cm.

Editor: Albert F. Ganier.

According to Ganier (1950), no more have been published.

Library has: No. 1, Jan. 1933: 1₁-64. ("A Distributional List of the Birds of Tennessee," by Albert F. Ganier.) No. 2, Feb. 1933: 1₁-24. ("Water Birds of Reelfoot Lake, Tennessee," by Albert F. Ganier.)

TIDINGS FROM NATURE; a journal published in the interest of the young naturalist. Vols. 1-2, No. 7; Aug. 1884-Apr. 1886. Rutland, Vermont, H. M. Downs, Naturalists' publishing house, 1884-1886.
23½ cm.

Monthly.

Subtitle varies.

In volume 2, number 7, April 1886, a notice appears stating that "with this number the subscriptions will be transferred to Mr. R. B. Trouslot of Valparaiso, Indiana, publisher of the Hoosier Naturalist." (See Kansas City Scientist).

Editor: H. M. Downs.

No publisher is mentioned for volume 1, number 1. H. M. Downs was publisher of volume 1, numbers 2-7. Naturalists' Publishing House was publisher of volume 1, number 8-12. Downs was publisher of volume 2.

Volume 1 contained 12 numbers and volume 2, 7 numbers.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Aug. 1884-Aug. 1885: 1-148, title page and index 1₁-v. Covers.

Vol. 2, Nos. 1-7, Sept. 1885-Apr. 1886: 1₁-110, title page and preface 1₁-iv. Covers.

-- --- 1Supplement₁ to Nos. 6 and 7, 5-20.

Trade journal with articles of a popular nature. — P. Brodkorb.

Among those who contributed articles on ornithology were:

Montague Chamberlain, Maurice Thompson, and Hubert L. Clark.

— G. S. Guion.

1TOLEDO FIELD NATURALISTS' ASSOCIATION, ANNUAL BULLETIN,
see TOLEDO NATURALISTS' ASSOCIATION. ANNUAL BULLETIN

TOLEDO NATURALISTS' ASSOCIATION. ANNUAL BULLETIN. 1933- .

Toledo 1Ohio, 1933- .

Illus. 28 cm.

Annual.

Title varies: 1933 and 1934 as TFNA [Toledo Field Naturalists' Association], Annual Bulletin. 1935 as TNA [Toledo Naturalists' Association], Annual Bulletin. 1936 as Toledo Naturalists' Association Annual Bulletin.

The Association was organized in 1930 and published its first Annual Bulletin in 1933. It includes the Toledo Nature Study Society and is affiliated with the Toledo Zoological Society.

Editors: 1933, Frederick R. Flickinger. 1934, B. R. Campbell.

1935, Mildred Percival. 1936-1938, Frederick R. Flickinger.

1939-1941, Fern Dickey. 1942, Mrs. C. D. Valentine. 1943, Mrs.

W. H. Fitkin. 1944, Charlotte Peters.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: 1933: 2 pp., 1-18. 1934: 1 p., 1-31. 1935: 1 p., 1-36.

1936: 2 pp., 1-42. 1937: 3 pp., 1-32, 2 pp. 1938: 25 pp. 1939: 1 p., 1-43. 1940: 1 p., 1-44, incl. contents. 1941: contents, 1 p., 1-29, 5 pp. 1942: 3 pp., incl. contents. 1-39. 1943: 2 pp. incl. contents., 1-34, 9 pp. 1944: 2 pp., incl. contents., 1-39, 5 pp. Covers.

Contains natural history notes of a local nature. — P. Brodkorb.

TRAVELLER AND NATURALIST, see CALIFORNIA TRAVELLER AND NATURALIST

TRENTON NATURAL HISTORY SOCIETY. JOURNAL. Vols. 1-2, No. 2, Jan. 1886-Jan. 1891. Trenton, New Jersey, The Society, 1886-1891. Illus. 23½ cm.

Published annually.

Title varies: Volume 2, number 2 has title: Journal of the New Jersey Natural History Society (formerly "Trenton Natural History Society").

Editors: Officers for 1885-1886: President, George Pine. Secretary, T. S. Stevens. Treasurer, Austin C. Apgar. Corresponding secretary, Alfred C. Stokes. For 1888-1889: President, T. S. Stevens. Treasurer, Austin C. Apgar. Secretary, Fred A. Lucas. Corresponding secretary, O. P. Steves. Librarian, George Pine. For 1889-1890: President, Thos. S. Stevens. Secretary, Fred A. Lucas. Treasurer, Austin C. Apgar. Corresponding secretary, Alfred C. Stokes. For 1891: same as 1889-1890.

Volume 1 appeared in 3 parts and volume 2 in 2 parts.

Not listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Jan. 1886: title page and contents, 4 pp. 1₁-22. No. 2, Jan. 1887: 1₂₃₁-69, 1 pl. No. 3, Jan. 1888: 71-365, incl. index; Pls. I-XIII. Covers.

Vol. 2, No. 1, Jan. 1889: 1₁₁-74, Pl. I. No. 2, Jan. 1891: 1₇₅₁-162₁, 2 leaves of descriptive text. Pls. II-IV. Covers.

A journal of high quality. Most of the papers are on invertebrates.
— P. Brodkorb.

TRUTHS OF NATURE; a monthly journal of natural science. Vol. 1,
Jan.-Dec. 1889. Boston, Massachusetts, J. M. Wade, 1889.
Illus. 27 cm.

Monthly.

Title varies: January-June 1889, "Greeley" a Journal of Natural
Science. July-December 1889, Truths of Nature.

Editor: Jos. M. Wade.

A complete set contains 192 pages.

No more published.

Library has: Vol. 1, No. 7, July 1889: 97, 112. Covers.

"Truths of Nature," defined as the "rights of man," seems to be a
theosophical journal. In this given copy is a short squib on the Com-
mon Petrel, and another on Migration, also a note on reproduction in
ferns. These are mere paragraphs (not original work) scattered
through editorials on religion, astrology, poetry, and "happenings."
In no sense, a natural history journal. — L. C. Stuart.

URNER FIELD OBSERVER. Vols. 1- , Jan. 1946- . Newark, New
Jersey, Urner ornithological club, 1946- .
28 cm.

Bimonthly. From December 1950- , irregular.

Title varies: Volume 1, number 1, as the Cardinal.

Editors: Volumes 1-3, David Fables (David Fables, jr., mentioned, is
the same person). Volume 6, number 1, December 1950- , Robert C.
Conn.

Volumes 4-5 never published.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: Vol. 1, No. 2, Mar.-Apr. 1946: 1-5. No. 3, May-June,
1946: 1-4, 4 pp. No. 4, July-Aug. 1946: 1-6. No. 5, Sept.-Oct. 1946:
1-8, 1 p. (map). No. 6, Nov.-Dec. 1946: 1-7. Covers on Nos. 2-4.
Vol. 2, No. 1, Jan.-Feb. 1947: 12 pp. No. 2, Mar.-Apr. 1947: 9 pp.
(incl. map). Nos. 3-4, May-June and July-Aug. 1947: 10 pp. (incl.
map.) Nos. 5-6, Sept.-Oct. and Nov.-Dec. 1947: 11 pp. (incl. map).
Covers on Nos. 1, 3-6.
Vol. 3, Nos. 1-2, Jan.-Feb.-Mar.-Apr. 1948: 6 pp. Nos. 5-6, Sept.-
Oct. 1948: 9 pp.

Presents information on the bird life of the northern half of New
Jersey, especially records of unusual occurrence, notes on migration
and roosting, and summaries of censuses and special studies under-
taken by the club. Volume 2, number 1, contains a history of the club.
— R. Storer.

URNER ORNITHOLOGICAL CLUB. BULLETIN. No. 1- , May 1939- .
Newark, New Jersey, Urner ornithological club, 1939- .
35, 28 cm.

Published irregularly.

Editors: No. 1, Robert W. Storer. No. 2, Robert C. Conn.

Mimeographed from typewritten sheet on one side of leaf only.

Library has: No. 1, May 1939: 1₁-11. No. 2, Feb. 1950: title page,
1 p., 1 p., 1-18. Covers.

No. 1 contains a preliminary report on blackbird roosts in northern New Jersey and a discussion of hawk migration in New Jersey. No. 2 is a study on nest site location in the Baltimore Oriole (Icterus galbula). — R. Storer.

UTAH AUDUBON NEWS. Vol. 1, No. 1- , Jan. 1949- . Salt Lake City, Utah, 1949 - .
28 cm.

Monthly.

Editors: January-September 1949, Gordon Taylor. October 1949- , William H. Behle.

Mimeographed on one side of leaf only from typewritten sheet.

Library has: Vol. 1, Nos. 1-12, Jan.-Dec. 1949: each number paged separately varying from 5-8 pages.

Vol. 2, Nos. 1-12, Jan.-Dec. 1950: 1₁-64.

Vol. 3, Nos. 1-12, Jan.-Dec. 1951: 1₁-60.

Vol. 4, Nos. 1-12, Jan.-Dec. 1952: 1₁-54.

Vol. 5, No. 1- , Jan. 1953- : 1₁- .

Primarily notes of local interest; contains biographical information on Utah naturalists. — R. W. Storer.

VALLEY NATURALIST; (Naturae discere mores). Vols. 1-2, No. 4, Jan. 1878-Dec. 1880. Saint Louis, Missouri, H. Skaer, 1878-1880. Illus. 26, 30½ cm.

Monthly.

Editor: H. Skaer.

In volume 1, number 12, the announcement is made: "It is with much regret that we close the Valley Naturalist with the present number. It is the intention of the publisher to recommence the issue of this journal after the lapse of a few years." In the Oologist, Utica, N. Y., volume 4, number 8, March 1879, the following note appears: "We note with regret the suspension of the Valley Naturalist." In volume 2, number 1, September 1880, of the Valley Naturalist the editor states that after the circulation of an announcement of the recommencement of this publication, he had received subscriptions ensuring its success.

Burns lists a volume 3 for 1880. This probably is an error.
No more published.

Library has: Vol. 1, Nos. 1-8, 10-12, Jan.-Aug., Oct.-Dec. 1878:

1₁-40, 1₅₁-74.

Vol. 2, No. 1, Sept. 1880: 1₁-16. Covers.

The first 1 volume, contains C. P. Blachey's "Birds of Kansas,"
F. C. Green's "Birds of Milwaukee County, Wis.," W. H. Hughes'
"Birds of Michigan," and Wm. L. Jones' "Birds of St. Clair County,
Ill." — Frank L. Burns.

VERMONT BIRD CLUB. BULLETIN. Nos. 1-8, May 1906-July 1914.

Burlington, Vermont, Free press printing co., The Sheldon press,
1906-1914.

22, 22½ cm.

Annual.

Continued as Vermont Botanical and Bird Club Bulletin.

Editors: 1906-1907, Mrs. E. B. Davenport, Miss D. I. Griffin,
G. H. Ross, Carlton D. Howe. 1908, Mrs. E. B. Davenport, G. H.
Ross, Carlton D. Howe. 1910, G. H. Ross, C. D. Howe, H. G. Rugg.
1911, 1913, Mr. H. L. Piper. 1914, Mrs. A. B. Morgan.

Not published in 1909 or 1912.

Not listed by Burns.

Library has: No. 1, May 1906: 1₁-22. No. 2, July 1907: 1₁-35.

No. 3, May 1908: 1₁-32. Nos. 4-5. Dec. 1910: 1₁-32.

No. 6, 1911: 1₁-32. No. 7, Mar. 1913: 1₁-36. No. 8, Mar. 1914:
1₁-54. Covers.

An excellent little periodical devoted mainly to local ornithology.

— Casey A. Wood.

VERMONT BOTANICAL AND BIRD CLUB. JOINT BULLETIN. No. 1,

Apr. 1915- . Burlington, Vermont, Free press printing co., Lane
press, 1915- .

22½ cm, 20½ cm.

Published annually, later at intervals.

Editors: 1915-1917, George L. Kirk, A. E. Lambert. 1919-1923,
George L. Kirk. 1924, 1926, A. H. Gilbert. 1927, Miss Adella V.
Ingham. 1928, A. Gershoy. 1930 (?). 1932- , H. B. Eldred.

Not published in 1918, 1925, 1929, 1931.

Not listed by Burns.

Library has: No. 1, Apr. 1915: 1₁-36. No. 2, Apr. 1916: 1₁-38. No. 3,

Apr. 1917: 1₁-29. Nos. 4-5, Apr. 1919: 1₁-32. No. 6, Apr. 1920:

1₁-38, 2 parts. No. 7, Apr. 1921: 1₁-32. No. 8, Oct. 1922: 1₁-49,

1 pl. No. 9, Oct. 1923: 1₁-48. No. 10, Dec. 1924: 1₁-32, 1 pl.

No. 11, June 1926: 1₁-67. No. 12, Nov. 1927: 1₁-48. No. 13, Dec. 1928: 1₁-96. No. 14, Jan. 1930: 1₁-75. No. 15, May 1932: 1₁-76. No. 16, Dec. 1934: 1₁-51. No. 17, Jan. 1944: 1₁-38. No. 18, June 1950: 1₁-86 (lithoprinted and reduced in size). Covers.

The following announcement appears in number 1 of the Vermont Botanical and Bird Club Joint Bulletin with reference to the consolidation of the Vermont Bird Club Bulletin and the Vermont Botanical Bulletin:

"With this issue appears the first Joint Bulletin of the Vermont Botanical Club and the Vermont Bird Club. It is believed that the consolidation of these two organizations will make a stronger club and as plant and bird study go hand in hand, the union should bring about a deeper interest in this subject in the State with its consequent good results."

Among those who contributed were Wendell P. Smith and W. F. Eaton. — G. S. Guion.

WARBLER. Vols. 1-2, No. 6, Jan. 1903-Nov. 1904; second ser., Vols. 1-7, 1905-Sept. 1913. Floral Park, New York, Mayflower publishing co., 1903-1913.

Illus. 25½, 27 cm.

Bimonthly. Second series, volumes 1-2, quarterly and volumes 3-7, annually.

Formerly a department of the Mayflower. With volume 2 it became the official organ of the Long Island Natural History Club. Second series, subtitle varies, volumes 1-2 as A magazine of North American ornithology; volumes 3-7 as Bulletin of the Childs museum of North American ornithology.

Editors: 1903, H. C. Munson. 1904, edited by a committee of the Long Island Natural History Club. Officers: President, C. L. Allen; vice-president, C. L. Brownell; secretary, J. L. Childs; treasurer, I. S. Hendrickson. Second series, 1905-1913, John Lewis Childs.

Publication suspended 1911-1912.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-6, Jan.-Dec. 1903: 1₁-196₁.

Vol. 2, Nos. 1-6, Jan.-Dec. 1904: 1₁-196₁.

Second series. Vol. 1, Nos. 1-4, 1905: 1₁-127, index, 1 p., 8 pls.

Vol. 2, Nos. 1-4, 1906: 1₁-106, 4 pls.

Vol. 3, Dec. 1, 1907: col. front., 1-56.

Vol. 4, Oct. 1, 1908: 1₁-48.

Vol. 5, Dec. 31, 1909: 1₁-31.

Vol. 6, Oct. 31, 1910: 1₁-44.

Vol. 7, Sept. 1, 1913: col. front., 1₁-34, 2 pls., one colored.

Covers on each volume.

The first series contained articles of a popular nature. The second series was one of the important journals dealing with North American birds. A valuable feature was figuring the eggs of rare birds in color. — P. Brodtkorb.

WARD'S NATURAL SCIENCE BULLETIN. Vols. 1-3, No. 3, June 1, 1881-May 1, 1886; [new ser.] Vols. 5- ; Feb. 1, 1932- . Rochester, New York, Ward's natural science establishment, 1881- . Illus. 30 cm.

Quarterly. After volume 1, only 2 numbers a year were issued for volume 2 and 3 numbers for volume 3. New series published irregularly. Beginning with volume 10, September 1936, the Bulletin appeared monthly.

Suspended from August 1884-April 1886; volume 13, numbers 1-9, September 1939-May 1940 as Ward's Combined Entomological and Natural Science Bulletin, according to the Union List. No numbers appeared between the last issue of the old series, May 1, 1886, and the beginning of the new series, February 1932, according to information from Ward's Natural Science Establishment. With volume 10, new series, a change in policy of publication was made, and the Bulletin appeared in an abbreviated form.

Editors: 1881-1886, Frederic Lucas. 1932-Jan. 1936, J. D. Corrington. September 1936- , J. D. Gamble.

The Bulletin was printed until volume 10 when a multigraphing process was used.

A list of the numbers published is as follows, furnished by Ward's Natural Science Establishment.

Vol. 1, No. 1, June 1, 1881. No. 2, Jan. 1, 1882. No. 3, Apr. 1, 1882. No. 4, July 1, 1882.

Vol. 2, No. 1, Jan. 1, 1883. No. 2, Apr. 1, 1883.

Vol. 3, No. 1, Jan. 1, 1884. No. 2, July 1, 1884. [No. 3, May 1, 1886.

Both volume and number omitted on the last issue.

New series. Vol. 5, No. 1, Feb. 1, 1932. No. 2, Mar. 1932. No. 3, Apr. 1932. No. 4, May 1932.

Vol. 6, No. 1, Nov. 1932. No. 2, Feb. 1933. No. 3, Apr. 1933.

Vol. 7, No. 1, Nov. 1933. No. 2, Jan. 1934. No. 3, Apr. 1934.

Vol. 8, No. 1, Oct. 1934. No. 2, Apr. 1935.

Vol. 9, No. 1, Sept. 1935. No. 2, Jan. 1936.

Vol. 10, Nos. 1-9, Sept. 1936- May 1937.

Vol. 11, No. 1, Sept. 1937- .

Not listed by Burns.

Library has: Vol. 1, No.1, June 1, 1881: [1]-16. No. 2, Jan. 1, 1882: [1]-16.

Vol. 2, No. 1, Jan. 1, 1883: [1]-16.

Vol. 3, No. 1, Jan. 1, 1884: [1]-16. No. 2, July 1, 1884: [1]-16. [No. 3, May 1, 1886: [1]-16.

The library contains some of the new series. It will not be listed.

A trade journal. — P. Brodkorb.

Those who contributed were A. B. Baker, Wm. T. Hornaday, Frederic A. Lucas, Frederic S. Webster, Prof. Henry A. Ward, Henry L. Ward. — G. S. Guion.

WATER OUZEL, see OUZEL

WEEKLY NEWS LETTER OF THE LEBANON NATURE CLUB, see ALL OUTDOORS

WEEKLY OOLOGIST & PHILATELIST. Vols. 1-2, No. 2 (?); Dec. 12, 1891 - Jan. 9, 1892? Lebanon, Oregon, F. T. Corless, 1891-1892. 20 cm.

Published every Saturday.

Editor: F. T. Corless.

Burns lists only volume 1, numbers 1-2. Union List lists 2 volumes. Probably there were only 2 volumes published, each containing 2 numbers.

No more published?

Library has: Vol. 1, No. 2, Dec. 19, 1891: 4 pp.

Vol. 2, No. 2, Jan. 9, 1892: 4 pp.

Notes by R. H. Thompson, Kit Atkinson, K. B. Peck, and F. T. Corless on birds and their eggs. 1 Volume 1, numbers 1-2 and volume 2, numbers 1-2 examined. — J. Van Tyne.

WEST AMERICAN SCIENTIST; a popular review and record for the Pacific Coast. Vols. 1-22 (Nos. 1-176), Dec. 1884-June 15, 1921. San Diego, California, C. R. Orcutt; San Francisco, S. Carson & co. etc., 1884-1921. Illus., plates. 22½-24½ cm.

Monthly. Many numbers published irregularly.

Official organ of the San Diego society of Natural History, December 1884-December 1890.

Burns states that the Naturalist's Companion, Brockport, New York, transferred subscriptions to this magazine in May 1887. In the August 1887 number of the West American Scientist it is stated that the Hoosier Naturalist, Valparaiso, Indiana, sold its interests to the West American Scientist. Burns states that the Western Naturalist, Madison, Wisconsin, transferred subscriptions to the West American Scientist in May 1888. Burns states that the original title was the West-American Scientist, the hyphen was discarded after the fifth

number. With whole number 93, September 1900, page 41 and continuing through whole number 100, April 1901, page 172, appears Botany of Southern California by Charles Russell Orcutt. The contents note on the cover of number 93 is repeated through number 100, although the numbers (in this library) contain only Botany of Southern California. Burns states that this work sometimes appears lacking the first 41 pages of the full volume in a cover entitled: Botany of Southern California, a reference work by Charles Russell Orcutt. Volume 20 was issued with the added title page of Molluscan World, volume 1, 1915, pages 1-270. A note was made in volume 22, number 4 (whole number 161) that in volume 20, 400 species of west American Mollusca were described, the price listed as \$3.00. An index was issued separately at \$.50 forming a check list of over 3000 names of west American Mollusca. Several magazines reprinted almost completely from the West American Scientist, included were the West American Mollusca, 1900-1901; California Art & Nature, 1901-1902; and the Oregon Naturalist, Eugene, Oregon, 1891.
Editor: Charles Russell Orcutt.

Burns states that volume 6 was published by Samuel Carson & Company, the remainder, to 1914, by C. R. Orcutt. Volume 7 (whole numbers 62-63) was published at San Diego, San Francisco, and Orcutt, California, and volume 8 (whole number 64) at Los Angeles, Orcutt, and San Diego, California. Volume 15, numbers 1 and 2 (whole numbers 127 and 128) were published by Art & Nature Company, National City, California. Any other irregularities in publishing cannot be ascertained from the material this library has. Burns states that there are a number of typographical errors in dating and enumeration and that not all numbers have covers. The volume numbering is very confused. The whole number seems to be more consistent. With volume 10 (whole number 93), columns were used instead of page numbering. This method appears to have continued in most of the succeeding numbers. Union List records an index for volumes 1-4 only. With volume 7 (whole number 52), a supplement appeared called Literary and Educational Supplement, number 1. Number 2 appeared in volume 7 (whole number 53), and number 3 appeared in volume 7 (whole number 55).

Union List records the following numbers of the West American Scientist: Volumes 1-18 (whole numbers 1-139), 1884-1914. Volume 19, numbers 1-3, no whole numbers, July 1915-June 1921. Volume 20 (whole numbers 140-157), 1915. Volume 22 (whole numbers 158-164), April-December 1918. Volume 21 (whole numbers 165-176), January-December 1919.

No more published.

Library has: Vols. 1-22, whole numbers 1-161, with the exception of Nos. 3, 4, 6, 8, 27, 31, 70, 159, 160.

This irregularly appearing little journal has outlived the great majority, and is a monument to the industry and perseverance of proprietor C. R. Orcutt, the editor and chief contributor along

botanical lines. . . Many of the early issues are exceedingly scarce. The ornithological notes appeared in the early volumes and are by L. Belding, F. E. Blaisdell, F. L. Burns, Chette L. Cheney, S. H. Henry, Theo. D. Hurd, J. Warren Jacobs, Louis R. Lighton, R. E. Ranchford & Son, H. R. Sharples, Frank Stephens, G. D. Story, and H. R. Taylor. — F. L. Burns.

This is or was a well-known publication and hardly needs further annotation. It received contributions from such well-known scientists as Cockerall, Stejneger, and Eigenmann. A number of new species of animals were described here for the first time, and many of the contributions appearing in the Scientist were original and of definite scientific value. — L. R. Stuart.

WEST CHESTER BIRD CLUB BULLETIN. 1918- . West Chester, Pennsylvania, 1919- . 23 cm.

Published irregularly.

Editors: 1918-1921, C. E. Ehinger. 1935, 1940, 1945, R. Louis Lloyd. In 1935 a silver anniversary bulletin was published, the first bulletin since 1921. It contains a history of the club.

According to the president of the club, Albert E. Conway, our file is complete to date (1951).

Library has: 1918-1919: 1₁-20. 1919-1920: 1₁-20. 1920-1921: 1₁-25. 1935: 1₁-53. 1940: 1₁-28. 1945: 20 pp., 1 photograph. Covers, except 1919-20.

Deals largely with the local affairs of the club. The 1940 issue contains several pages of detailed bird records. — J. Van Tyne.

WESTERN NATURALIST. Vol. 1, No. 1- ? Jan. 1903? Topeka, Kansas, 1903- ? 24 cm.

Title varies: "The name of this publication has been changed from the Kansas Naturalist to the Western Naturalist the former name being too local to obtain a good circulation. . . This edition is Volume 1, Number 1, proper, all previous numbers being considered merely as sample editions."

Editor: C. L. Pribble.

Not listed by Burns, Guion, or Casey A. Wood.

Library has: Vol. 1, Jan. 1903: front., 3-14. Covers.

"A Popular Magazine of Natural History" by its own admission, it is just that. Contains many interesting notes on natural history, but aside from an occasional local list of species, contains nothing in the way of original research. Later issues divided into departments such as "ornithology" and "entomology." — L. C. Stuart.

WESTERN NATURALIST; a popular illustrated monthly magazine of natural history. Vols. 1-2, No. 5, Mar. 1887-May 1888. Madison, Wisconsin, F. A. Carr, 1887-1888.
Illus. 20, 22 cm.

Monthly.

Subtitle varies. Burns states that subscriptions were transferred to C. E. Orcutt's the West American Scientist after May 1888.

Editor: Frank A. Carr.

Volume 1 contained 10 numbers, and volume 2, 5 numbers.

No more published.

Library has: Vol. 1, No. 2, Apr. 1887: 15₁-12. No. 4, June 1887: 121₁-36. No. 6, Aug. 1887: 149₁-60. No. 10, Dec. 1887: 197₁-112.
Covers on Nos. 6 and 10.

Vol. 2, No. 1, Jan. 1888: 11₁-16. No. 2, Feb. 1888: 117₁-32. No. 4, Apr. 1888: 149₁-60. Covers.

Although the editor was a dealer in natural history specimens, the articles are of a higher type than those of the usual trade journal.

— P. Brodkorb.

WESTERN OÖLOGIST; devoted to the study of birds, their nests and eggs. Vol. 1, Nos. 1-8, Mar.-Oct. 1878. Milwaukee, Wisconsin, 1878.
23 cm.

Monthly.

Title varies: Volume 1, number 1 as the Oölogist.

Burns states under the title the Western Oölogist, 1885- , "It appears that a paper of the same name suspended several years previous."

Casey A. Wood states that under the title Western Oölogist 1885, "a periodical of the same name also appeared (and suspended) about 1878. . ."

The Valley Naturalist, St. Louis, Missouri, in volume 1, number 8, August 1878, page 36, the following appears: "The Naturalist & Fancier of Grand Rapids, Michigan, has stopped publication or rather consolidated with The Western Oölogist, a lively independent amateur paper, devoting its whole space to ornithology and oology." In volume 1, number 4, June 1878, of the Western Oölogist, page 16, a notice appeared as follows: "To the subscribers of the Naturalist and Fancier, Grand Rapids, Mich., . . . Hereafter all subscribers will be supplied with the Western Oölogist until their subscriptions expire. . ."

Editors: W. S. Burnham and L. H. Cannon.

No more published.

Library has: Vol. 1, No. 4, June 1878: 113₁-16. No. 5, July 1878: 117₁-20. No. 7, Sept. 1878 125₁-28. No. 8, Oct. 1878: 129₁-32.

Contains valuable original articles on the Passenger Pigeon and the Black-throated Blue and Golden-winged Warblers in Michigan.

— J. Van Tyne.

WESTERN OÖLOGIST; devoted to the study of birds, their nests and eggs. Vol. 1, Nos. 1-3, May-July 1885. Milwaukee, Wisconsin, F. M. Sherin, 1885.
26 cm.

Monthly.

Editor: Frank M. Sherin.

The Ornithologist, Twin Bluffs, Wisconsin, volume 1, number 4, September 1885, carried the following: "Western Oölogist, Milwaukee, Wisconsin, after a silence of seven years, is now being ably edited by Frank M. Sherin."

Burns states that this periodical is "quite rare. . . It appears that a paper of the same name suspended seven years previous." Casey A. Wood states that "a periodical of the same name also appeared (and suspended) about 1878. . ."

No more published.

Library has: Vol. 1, No. 3, July 1885: 13, -20.

WESTERN ORNITHOLOGIST; a bimonthly magazine devoted exclusively to ornithology and oology. Vols. 1-5, No. 3, Oct. 1894-June 1900. Salem, Iowa, D. L. Savage; Avoca, Iowa, C. C. Tryon, 1894-1900. Illus. 22½, 23, 26 cm.

Quarterly 1894-1898. Publication suspended 1899. Bimonthly 1900. Title varies: October 1894-July 1898, Iowa Ornithologist, a monthly magazine devoted to ornithology and oology. January-June 1900, Western Ornithologist. Official organ of the Iowa Ornithological Association from October 1894-July 1898. In the Bittern, Cedar Rapids, Iowa, January 1901, an announcement was made that Tryon had given up his publication, Western Ornithologist, and that the Bittern (Cedar Rapids, Iowa) would take its place. Subtitle varies. Editors: October 1894-July 1898, David L. Savage. January 1900-June 1900, Charles C. Tryon; associate editors: Carl Fritz Henning and David L. Savage.

Volumes 1-3 contained 4 numbers each, volume 4 contained 3 numbers, and volume 5 ended with number 3.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-4, Oct. 1894-July 1895: title page and index, 2 pp., 1, -94, 2 pls.

Vol. 2, Nos. 1-4, Oct. 1895-Oct. 1896: 1, -88., 3 pls.

Vol. 3, Nos. 1-4, Jan.-Oct. 1897: title page and index, 2 pp., 1, -64, 3 pls.

Vol. 4, Nos. 1-3, Jan.-July 1898: 1, -16, 1, -18, 1, -12, 4 pls.

Vol. 5, Nos. 1-3, Jan.-June 1900: 1, -66, 1 pl. (Nos. 1-2 of this volume were issued in two editions; both are in this library).

Covers on each volume.

Among several interesting articles is one on the plumage of the blue jay and a partial list of birds of Boone County, Iowa.

— P. Brodkorb.

Among those who contributed were: J. Eugene Law, R. M. Anderson, W. A. Bryan, and Morton E. Peck. — G. S. Guion.

WESTERN RESERVE NATURALIST; a monthly magazine devoted to the study of oology, ornithology and botany. Vol. 1, Nos. 1-3, June-Aug. 1893. Geneva, Ohio, F. C. Hubbard, 1893.

20½ cm.

Monthly.

Editor: F. C. Hubbard.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, June 1893: 1-8. No. 2, July 1893: 1-8. Covers included in paging.

A trade journal. — P. Brodkorb.

The following contributed: F. C. Hubbard, Hobart Egbert, and James G. Percival. — G. S. Guion.

WESTERN Tanager. Vol. 1, No. 1- , Oct. 1934- . Los Angeles, California, Los Angeles Audubon society, 1934- .
28 cm.

Editors: October 1934-May 1936, Mrs. Raymond Brennan. October 1936-May 1941, Mrs. Maud Murphy. October 1941-volume 10, 1944, Mrs. William T. Shelford. Volumes 10-15, 1944-1949, Miss Laura Greely. Volume 16- , George T. Hastings.

Volumes 1-7 contained 8 numbers each. Volumes 8-11, 9 numbers each. Volume 12, 10 numbers; volume 13, 9 numbers; volume 14, 8 numbers; volume 15, 9 numbers.

Mimeographed.

Library has: Vol. 1, Nos. 1-8, Oct. 1934, -May 1935: 1,1-32.

Vol. 2, Nos. 1-8, Oct. 1935-May 1936: 1,1-32. (No. 6 erroneously dated April 1936 instead of March 1936).

Vol. 3, Nos. 1-8, Nov. 1936-June 1937: 1,1-32.

Vol. 4, Nos. 1-8, Oct. 1937-May 1938: 1,1-32. (Insert of 2 pp. with No. 7).

Vol. 5, Nos. 1-8, Oct. 1938-May 1939: 1,1-32.

Vol. 6, Nos. 1-8, Oct. 1939-May 1940: 1,1-32. (Insert of 2 pp. with No. 4, and 1 p. with No. 6).

Vol. 7, Nos. 1-8, Oct. 1940-May 1941: 1,1-32. (Insert of 1 p. with No. 5 and 1 p. with No. 8).

Vol. 8, Nos. 1-9, Oct. 1941-June 1942: 1,1-37.

Vol. 9, Nos. 1-9, Oct. 1942-June 1943: 1,1-38. (Insert of 1 p. with No. 8).

Vols. 10-15 lacking.

Vol. 16, Nos. 1- Sept. 1949- .

Consists almost entirely of local events and calendar of activities of the Los Angeles Audubon Society. — P. Brodtkorb.

WESTERN WILD LIFE CALL. Nos. 1₁-4, Feb. 7, 1913-Sept. 4, 1914. San Francisco, California, California associated societies for the conservation of wild life, 1913-1914.

Irregular.

Editors: The Executive Committee which was composed of the following: President, William F. Badè, Joseph Grinnell, J. H. Cutter, W. Leon Dawson, C. A. Kofoid, Roy E. Dickerson, Matthew McCurrie, W. P. Taylor.

According to the Union List just 4 numbers were published.

Not listed by Burns.

No more published.

Library has: 1₁No. 1, Feb. 7, 1913: 1₁-16. Covers included in paging.

A journal of conservation propaganda, directed especially against the continuation of the sale of game in California. It contains articles by W. P. Taylor, J. Grinnell, H. C. Bryant, W. F. Bade, W. L. McAtee, and W. L. Dawson. 1₁Numbers 1-4 examined. — J. Van Tyne.

WILSON BULLETIN; a quarterly journal of ornithology. 1₁Old series, Vols. 1-1₅, No. 2, Jan. 1889-June 1893; new series, Vol. 1, No. 1-, 1894- . Pittsfield, Massachusetts, W. H. Foote; Danbury, Connecticut, C. C. Maxfield; Oberlin, Ohio, R. M. Strong, 1889- . Illus. 24 cm.

Volumes 1-3, semiannual (volume 3, 1 number only); volume 4, quarterly (2 numbers only); volume 5, semiannual.

Title varies: The history of the official organs of the Wilson Ornithological Club is given in the Wilson Bulletin, old series volume 6, new series volume 1, bulletin 2, 1894, page 3 and also in bulletin 9, July 30, 1896, page 8, and in bulletin 86, March 1914, page 24. According to later information (1937) from Lynds Jones, the Curlew, Orleans, Indiana, and the Taxidermist, Medina and Akron, Ohio, were called official organs of the Wilson Ornithological Chapter of the Agassiz Association, but were never included in either the old or new series of the Wilson Bulletin. The old series began with the Ornithologists' and Oologists' Semi-Annual, volumes 1-2, January 1889-April 1890. This magazine was the successor to the Bay State Oologist, Pittsfield, Massachusetts. Volume 3, 1891, appeared as the Semi-Annual; volume 4, 1892, as the Wilson Quarterly; and 1₁volume 5, 1893, as the Journal of the Wilson Ornithological Chapter of the Agassiz Association. The title the Wilson Bulletin was not used until the new series.

Subtitle varies.

Editors: January 1889-July 1889, W. H. Foote. January 1890-July 1890, C. C. Maxfield. April 1891-June 1893, Lynds Jones.

Volumes 1-2, the Ornithologists' and Oologists' Semi-Annual contained 2 numbers in each volume and were published by W. H. Foote in Pittsfield, Massachusetts. Volume 3, the Semi-Annual contained only 1 number and was published by C. C. Maxfield at Danbury, Connecticut. Volumes 4-5 each contained 2 numbers and were published by R. M. Strong at Oberlin, Ohio. (Volume 5) contained 2 numbers which were labeled volume 1, January 1893, and volume 2, June 1893.

Listed by Burns.

Continued as new series volume 1 (old series volume 6).

Library has: Vol. 1, No. 1, Jan. 1889: (1)1-48. No. 2, July 1889: front. (1)3-48.

Vol. 2, No. 1, Jan. 1890: front. (1)3-50. No. 2, July 1890: front. (1)3-48.

Vol. 3, No. 1, Apr. 1891: front. (1)1-44.

Vol. 4, No. 1, Apr. 1892: (1)1-46. No. 2, July 1892: (1)49-92.

(1)Vol. 5, (1)No. 1 (labeled volume 1), Jan. 1893: (1)1-16. (1)No. 2 (labeled volume 2), June 1893: (1)1-8.

Covers on each volume.

New series. Library has complete set.

Besides the usual local lists of birds and accounts of their nesting, a special feature was a co-operative study of certain species of birds conducted by members of the club. — P. Brodtkorb.

WILSON QUARTERLY, see WILSON BULLETIN

WISCONSIN AUDUBON SOCIETY, see BY THE WAYSIDE

WISCONSIN NATURALIST; a monthly magazine devoted to the study of ornithology, oölogy, entomology, herpetology, conchology, ethnology, geology, palaeontology, and allied sciences. Vols. 1-? July 1897-? Milwaukee, Wisconsin, The naturalist publishing co., 1897-? 22, 23 cm.

Monthly.

Subtitle varies.

Editors: Zola B. Rohr and Frank Woerdehoff.

Frank L. Burns lists volume 1, 6 numbers, July-December 1897; volume 2, numbers 7-11, January-May 1898; volumes 3-4 July 1898-June 1899; volume 5, number 27, October 1899; volume 6, number 1, January 1900. He states that he was unable to ascertain when the publication suspended. This library contains some volumes not listed by

Burns, but no information has been obtained about any numbers which may have been published after volume 9.

No more published?

Library has: Vol. 1, Nos. 5, 6, Nov., Dec. 1897: 165₁-80, 83-96.

Covers.

Vol. 4, No. 20, Feb. 1899: 19₁-16. Covers.

Vol. 5, Nos. 27, 28, Oct., Dec. 1899: 111₁-24, 145₁-58, incl. pl. (folded).

Covers.

Vol. 6, Nos. 1-6, Jan.-June 1900: 11₁-104. Covers on Nos. 1-4.

Vol. 7, Nos. 73-78, July-Dec. 1900: 11₁-59, 1 pl. (port.) Covers on Nos. 77-78.

Vol. 8, Nos. 79, 81-84, Jan., Mar.-June 1901: 11₁-80. Covers. (Paging is continuous between Nos. 79-81, indicating that No. 80 probably was not published.)

Vol. 9, Nos. 85, 87-90, July-Dec. 1901: 85₁-148. Covers. (Paging is continuous between Nos. 85-87, indicating that No. 86 probably was not published.)

The Wisconsin Naturalist appears to be a conglomeration of miscellaneous information. There are a number of natural history notes, but the great majority could be classified merely as interesting items or oddities. For the most part such items were apparently from encyclopedic works. There are occasional original observations on birds or mollusks, mostly unsigned. Occasionally credit is given to other journals or to various daily periodicals. Even the best items are of no zoological or botanical importance. After mid-1901 the journal degenerated to a point where it carried short stories, essays, and gastronomic notes. — L. C. Stuart.

WISCONSIN NATURALIST; a monthly magazine devoted to the various branches of natural history including ornithology, oology, entomology, botany and general zoology, taxidermy, etc. Vol. 1, Nos. 1-12, Aug. 1890-July 1891. Madison, Wisconsin, Chas. F. Carr, 1890-1891. 22 cm.

Monthly.

Editor: Chas. F. Carr.

In volume 1, number 9, September 1891, of the Ornithologist and Botanist (Binghamton, New York, etc.) the following appears: "In July at the completion of its first volume, the Wisconsin Naturalist suspended publication. An increase of other interests caused the publisher to take this step, but we are informed that the magazine may be started again in the course of a year." Also the announcement was made that "the Ornithologist and Botanist had acquired the right to fill all unexpired subscriptions of the Wisconsin Naturalist." In volume 1, number 11, April 1893, of the American Magazine of Naturalist Science, the following appears: "Chas. F. Carr of Madison, Wisconsin, announces that he will again publish the Wisconsin Natur-

alist, issuing the first number of the second volume in May. The first volume of the Wisconsin Naturalist was published by Mr. Carr in 1890-1891 and naturalists will cordially welcome its reappearance."

Apparently the proposed second volume did not appear.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-12, Aug. 1890-July 1891: title page and contents, 4 pp., 1, 1-188. Covers.

Articles by Charles F. Carr, W. W. Gilman, J. W. P. Smithwick, Mrs. E. C. Wiswell, H. L. Skarlem, Prof. L. Kumlien, John Brady, Chas. H. McPherson, James Hill, O. G. Libby, W. F. Webster, H. Miller, and "C. K." — G. S. Guion.

Contains natural history notes on a variety of subjects and a list of the breeding birds of Wisconsin. — P. Brodtkorb.

WOLVERINE NATURALIST; a monthly magazine devoted to the study of ornithology, oology, entomology, herpetology, conchology, ethnology, geology, palaeontology, and allied sciences. Vol. 1, Nos. 1-4, Jan.-Apr. 1890. Kalamazoo, Michigan, R. M. Gibbs & co., 1890. Illus. 23½ cm.

Monthly.

"Bulletin of the Kalamazoo Naturalists Association."

Editor: R. Morris Gibbs.

Listed by Burns.

No more published.

Library has: Vol. 1, No. 1, Jan. 1890: 1-12. No. 2 (erroneously numbered 1), Feb. 1890: 1-20. No. 3, Mar. 1890: 8 pp. (a supplement of 4 pp. is inserted in this number; it is a list of books for sale by R. M. Gibbs and Company). No. 4, Apr. 1890: 4 pp. Covers.

A trade journal containing a few notes of local interest. — P. Brodtkorb.

"An Ornithologist's Diary" and "The Birds of the Great Lakes" by the editor ran through the four numbers. — G. S. Guion.

WOOD THRUSH, see ATLANTIC NATURALIST

WORLD OF NATURE; a monthly journal devoted to natural history, mineralogy, archaeology, antiquity, numismatics, philately, bric-a-brac. Vol. 1, No. 1- ? Jan. 1888- ? Newport, Rhode Island, S. Jacob, 1888- ? Illus. 30 cm.

Monthly.

Editor: S. Jacob.

Not listed by Burns.

No more published?

Library has: Vol. 1, No. 1, Jan. 1888: 1₁-8. No. 6, June 1888:
41₁-48. (Both copies torn).

A trade journal with nothing of scientific value. — P. Brodkorb.

WORTHINGTON (OHIO) NATURALIST, see SNOWY EGRET

WREN; bulletin of the Norfolk bird club. A monthly magazine devoted to the interests of the club. Vol. 1, Nos. 1-7, Jan.-Oct. 1909. Cambridge, Massachusetts, J. L. Peters, 1909.

Illus. 23½ cm.

Monthly.

In the spring of 1908 the club (mostly high-school students) issued a Bulletin which this supersedes.

Editor: James L. Peters.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-7, Jan.-Oct. 1909: 1₁-60. (No. 1, a photostat copy).

A well gotten up little journal devoted to the migration and breeding of birds near Cambridge. — P. Brodkorb.

Most of the articles are unsigned. Those who contributed are: Joseph Kittredge, Barron Brainerd, J. L. Peters, Richard M. Marble, Randolph Morse, Charles Schweinfurth, Carlyle Morris, W. Cotesworth Levy. Complete files are very rare. — G. S. Guion.

WREN-TIT; bulletin of the Santa Clara Valley Audubon society.

Vols. 1-3, No. 3, Jan. 1929-July 1931. San Jose, California, 1929-1931.

23 cm.

Quarterly.

Editor: Gayle B. Pickwell; assistant editor: Miss Emily Smith.

On the death of Dr. Pickwell, the publication ceased.

Library has: Vol. 1, Nos. 1-4, Jan.-Oct. 1929.

Vol. 2, Nos. 1-4, Jan.-Oct. 1930.

Vol. 3, Nos. 1-3, Jan.-July 1931.

Each number 4 pp.

In volume 1, number 1, it is stated that "The Wren-tit shall be a calendar of events, past and forecast, in so far as they concern the local society; and it shall lay its chief claim to existence in its carefully noted and recorded observations of birds in its vicinity. These observations will take the form of field trip lists, seasonal notes, breeding records, and unusual occurrences in the bird population." Articles by Gayle Pickwell, Emily Smith, John B. Price, Yvonne Champreux, Henry G. Gill. — G. S. Guion.

YORK COUNTY BIRD CLUB. BULLETIN. Vols. 1-2, No. 2, Feb. 1943-Jan. 1945. York, Pennsylvania, 1943-1945.
28 cm.

Editor: Edwin T. Moul; assistant editors: Viola V. Dietz, M. Dorothy Schwartz, Harriet E. Gotwald.

According to the president of the York County Bird Club (1950), Jay H. Arnold, volume 1 contained 4 numbers, published in February, April, November 1943, and February 1944; volume 2 contained 2 numbers published in October 1944, and January 1945. Arnold states that the publication ceased after Moul left town.

Mimeographed on one side of leaf only from typewritten sheet.

Library has: Vol. 1, No. 4, Feb. 1944: 1₁-9.

Vol. 2, No. 1, Oct. 1944: 1₁-6.

Apparently, only bird notes of local interest. — R. W. Storer.

YORKTOWN NATURAL HISTORY SOCIETY. CONTRIBUTIONS.

No. 1- , 1943 (?) . Yorktown, Saskatchewan, 1943 (?) - .

35 cm. (No. 2).

Mimeographed on one side of leaf only from typewritten sheet.

Library has: No. 2, July 1943: "A List of the Birds of Nipawin, Saskatchewan," by Maurice G. Street, 2 pp., 1-8.

YOUNG AMERICAN ORNITHOLOGIST; a monthly magazine devoted to the interests of collectors of birds and their eggs. Vol. 1, Nos. 1-8, May-Dec. 1881. Syracuse, New York, 1881.

22, 25½ cm.

Monthly.

Editors: J. C. Chesebrough and C. C. Truesdell.

With number 2 the size changed from 22 cm. to 25½ cm.

Not listed by Burns.

No more published.

Library has: Vol. 1, Nos. 1-8, May-Dec. 1881: 1₁-48. Covers.

This small but excellent magazine contained among other excellent sketches of bird life, a paper by W. W. Worthington on the Piping Plover. — C. A. Wood.

YOUNG COLLECTOR, see COLLECTOR; a monthly journal devoted to the interests of collectors of specimens of natural history

YOUNG GEOLOGIST, see GEOLOGIST'S GAZETTE

YOUNG NATURALIST; a monthly journal in the interest of natural history. Vol. 1-? Feb. 1886- ? Chicago, Illinois, 1886- ? 22½ cm.

Monthly.

Editor: Not mentioned in the number this library has.

Not listed by Burns or Casey A. Wood.

No more published?

Library has: Vol. 1, No. 1, Feb. 1886: 13, -14. Covers.

In this number there is an article on extinct birds by Chas. D. Pendell. There is also an unsigned article on carnivorous parrots. — M. Underwood.

YOUNG NATURALIST; a monthly magazine devoted to natural history and the interests of collectors. Vol. 1, Nos. 1-5, May 1884-Sept. 1884. Galesburgh, Illinois, Young naturalist publishing co., 1884. 23 cm.

Monthly.

Editor: Charles F. Gettemy; associate editors: E. D. Whiting, F. Anderson, E. C. Elder.

"Subscription merged into The American, of which I believe I issued 6 numbers, suspending publication in the spring of 1885."

— Charles F. Gettemy.

Listed by Burns.

No more published.

Library has: Vol. 1, Nos. 3-5, July-Sept. 1884: 125, -60.

Those who contributed articles on ornithology were Alfred W. Hinde and H. A. Talbot. — G. S. Guion.

YOUNG NATURALIST'S JOURNAL; a paper published in the interests of natural history. Vol. 1, Nos. 1-12? Dec. 1885-Nov. 1886? Lake View, Illinois, 1885-1886.
22 cm.

Monthly.

Editor: John Allen, Jr.

G. S. Guion lists 12 numbers. Union List records 8 numbers.

Not listed by Burns or Casey A. Wood.

No more published?

Library has: Vol. 1, No. 1, Dec. 1, 1885: 1₁-8. No. 3, Feb. 1, 1886: 1₁₇-24. No. 4, Mar. 1, 1886: 1₂₅-32. No. 8, July 1886: 1₅₇-64.

The editor contributed items on ornithology and oology.

— G. S. Guion.

YOUNG OÖLOGIST, see OÖLOGIST

YOUNG ORNITHOLOGIST; a monthly devoted to the promotion of the sciences of ornithology and oology. Vol. 1, Nos. 1-12, Feb. 1885-Apr. 1886. Boston, Massachusetts, A. A. Child, 1885-1886.
Illus. 23 cm.

Monthly.

Official organ of Young Ornithologists' Association.

Editor: Arthur A. Child.

Union List gives the first date of publication as February 1885, and Burns lists May 1885, as the first date. February 1885 is the date of volume 1, number 1, and May 1885 is the date of volume 1, number 2. No more published.

Library has: Vol. 1, Nos. 1-12, Feb. 1885-Apr. 1886: No. 1, 4 pp.; Nos. 2-7, 9-12 each paged 1₁-8; No. 8, 1₁-12. (No. 10 lacks pages 1-2, 7-8. No. 12, page 8, erroneously numbered 4).

Contains articles on the collecting experiences of amateur zoologists. — P. Brodkorb.

Among those who contributed were: C. J. Maynard, Wm. L. Kells, Charles A. Keeler, and L. O. Pindar. — G. S. Guion.

YOUNG SCIENTIST; a practical journal for amateurs. Vols. 1-7, No. 2, Jan. 1878-Jan. 1888. New York, Industrial publication co., 1878-1888.
Illus. 23, 24 cm.

Monthly.

With volume 3, January 1879, Home Arts was consolidated with the Young Scientist.

Subtitle varies.

Editors: John Phin and Fred T. Hodgson.

Volumes 1-6 each contained 12 numbers. Suspended December 1883-November 1887. Burns states that volume 7, number 2, January 1888, appeared 4 years after volume 7, number 1, which was published January 1884.

Merged into Popular Science News.

No more published.

Library has: Vol. 1, Nos. 1, 8-11, Jan., Aug.-Nov. 1878: {1₁-12, {101₁-152.

Vol. 2, Nos. 1-3, 5, Jan.-Mar., May 1879: {1₁-47, {65₁-80.

Vol. 3, Nos. 1-6, 8-12, Jan.-June, Aug.-Dec. 1880: {1₁-76, {89₁-148, title page and index, 3 pp.

Vol. 4, Nos. 3, 5-7, Mar., May-July 1881: {29₁-40, {53₁-92.

Covers on each volume.

Trade journal of the Industrial Publication Company. As the title suggests, a distinctly amateurish journal of little or no permanent value. Contains lessons in magic, handicraft instructions, a few natural history notes, and a variety of other subjects. — P. Brodtkorb.

YOUTH'S LEDGER, see COLLECTOR'S LEDGER

ZEPHYR, see OUTDOOR NATURE CLUB OF HOUSTON, TEXAS.
BULLETIN

ZOE; a biological journal. Vols. 1-5, No. 11, Mar. 1890-Apr. 1908. San Francisco, San Diego, Berkeley, California, Zoe publishing co., 1890-1908.
24 cm.

Monthly, March 1890-February 1891; quarterly, April 1891-March 1894; publication suspended, June 1894-May 1900; irregular, June 1900-April 1908.

Subtitle varies.

Editors: March 1890-January 1892, T. S. Brandegee. April 1892-January 1894, Alice Eastwood. April 1893-January 1894, T. S. Brandegee, Walter E. Bryant, Douglas H. Campbell, Alice Eastwood, Charles A. Keeler, Frank H. Vaslit. June 1900-April 1908, Katherine Brandegee.

Volumes 1-4 published in San Francisco; volume 5, numbers 1-10 in San Diego; volume 5, number 11 in Berkeley.

Listed by Burns.

No more published.

- Library has: Vol. 1, Nos. 1-12, Mar. 1890-Feb. 1891: title page and contents \uparrow ₁-vi, 2 pp., \uparrow ₁-389 incl. index; Pls. 1-12.
- Vol. 2, Nos. 1-4, Apr. 1891-Jan. 1892: title page and contents \uparrow ₁-vi, front. (port.), \uparrow ₁-411, 2 pp., incl. index; Pls. 13-17.
- Vol. 3, Nos. 1-4, Apr. 1892-Jan. 1893: title page and contents \uparrow ₁-vi, 2 pp., \uparrow ₁-383 incl. index; Pls. 18-24.
- Vol. 4, Nos. 1-4, Apr. 1893-Jan. 1894: title page and contents \uparrow ₁-vi, 2 pp., front. (port.), \uparrow ₁-431 incl. index; Pls. 25-31.
- Vol. 5, Nos. 1-11, June 1900-Sept. 1906: \uparrow ₁-266. (On cover of No. 11 Sept. 1906-Apr. 1908.)
- Covers on each volume.

A scholarly journal containing articles in the fields of ethnology, zoology, and botany. Its scope is limited to California and nearby regions. Contains articles by D. S. Jordan, W. O. Emerson, C. H. Eigenmann, W. E. Bryant, and others. — P. Brodkorb.

