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Wildlife Leaflet 180
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AIDS FOR BIRD STUDY

Prepared in the Division of Wildlife Research

The following bibliography is planned to assist bird students in selecting material to suit their purposes from the mass of ornithological literature. Several of the books cited are now out of print, but the majority of those listed may be consulted in public or institutional libraries; others may be purchased at second-hand book stores. In some of the books listed will be found bibliographies on special subjects that will assist in the study of particular phases of bird life. This leaflet supersedes Leaflet BS-2.

Publications preceded by a star (*) can be obtained ONLY BY PURCHASE FROM THE SUPERINTENDENT OF DOCUMENTS, Government Printing Office, Washington, D. C. at the prices stated. Remittances should be sent direct to the Superintendent of Documents and NOT to the Service or to the Department, which do not sell publications.

BIOLOGICAL SURVEY PUBLICATIONS ISSUED BY THE DEPARTMENT OF AGRICULTURE

The supply of official publications available for free distribution is limited, hence no more than 10 copies may be sent on an individual request. In all requests, please mention the series, the number, and the title of the publications desired and list them in numerical order.

Publications listed without a star can be obtained free from the OFFICE OF INFORMATION, U. S. Department of Agriculture, Washington, D. C.

- 497 F. Some Common Game, Aquatic, and Rapacious Birds in Relation to Man. 5¢
- 506 F. Food of Some Well-known Birds of Forest, Farm, and Garden. 5¢
- *513 F. Fifty Common Birds of Farm and Orchard. Color illustrations. 25¢
- 630 F. Some Common Birds Useful to the Farmer. 5¢
- 755 F. Common Birds of Southeastern United States in Relation to Agriculture. 5¢
- 1456 F. Homes for Birds. 5¢
- 1644 F. Local Bird Refuges. 5¢
- 1682 F. Usefulness of Birds on the Farm. 5¢
- 1783 F. Feeding Wildlife in Winter. 5¢
- *634 T. Food of Game Ducks in the United States and Canada. 40¢
- *643 T. Food Habits of North American Diving Ducks. 30¢
- *363 C. The Migration of North American Birds. 10¢
- *428 C. Flight Speed of Birds. 5¢

For additional titles write to Superintendent of Documents, Washington, D. C., for Price List 39, on Birds and Wild Animals, sent free.

PROCESSED LEAFLETS OF THE FISH AND WILDLIFE SERVICE 1/

The following processed leaflets issued by the Fish and Wildlife Service (formerly the Bureau of Biological Survey) can be obtained from the Fish and Wildlife Service, U. S. Department of the Interior, Washington, D. C., but no more than 10 copies may be sent on an individual request:

- 41 WL. Fruits Attractive to Birds--Northwestern States (Washington, Oregon, and Idaho).
- 42 WL. Fruits Attractive to Birds--Rocky Mountain States (Montana, Wyoming, and Colorado).
- 43 WL. Fruits Attractive to Birds--Northern Plains States (North Dakota, South Dakota, Nebraska, and Kansas).
- 44 WL. Fruits Attractive to Birds--Northeastern States (Maine to Minnesota, and Virginia to Missouri).
- 45 WL. Fruits Attractive to Birds--California.
- 46 WL. Fruits Attractive to Birds--Great Basin States (Utah and Nevada).
- 47 WL. Fruits Attractive to Birds--Southwestern States (Arizona and New Mexico).
- 48 WL. Fruits Attractive to Birds--Southern Plains States (Texas and Oklahoma).
- 49 WL. Fruits Attractive to Birds--Southeastern States (Arkansas, Tennessee, North Carolina, Louisiana, Mississippi, Alabama, Georgia, and South Carolina).
- 50 WL. Fruits Attractive to Birds--Florida.
- 108 WL. History and Significance of American Wildlife: I. (See 126 WL.)
- 126 WL. History and Significance of American Wildlife: II. Trends from Exploitation to Restoration. (See 108 WL.)
- 131 WL. Suggestions on Attracting Birds, with Reference to Available Literature.
- 132 WL. Some California Wildlife-Forest Relationships.
- 145 WL. Birdbanding.
- 150 WL. Suggestions for Bird Field Study.
- 165 WL. The Status of Migratory Game Birds: 1939-40.

POPULAR BOOKS FOR THE IDENTIFICATION OF NORTH AMERICAN BIRDS

- Alexander, W. B. Birds of the Ocean. G. P. Putnam's Sons, New York, N. Y. \$3.50.
- Ashbrook, F. G. Birds of America: A Bird Guide. 3 vols., red, blue, and green books. Whitman Publishing Co., Racine, Wis. 10¢ each.
- Bailey, F. M. Handbook of Birds of the Western United States. Houghton Mifflin Co., Boston, Mass. \$6.

1/ A list of all available publications of the Fish and Wildlife Service can be had on request addressed to the Service (Form 3-161).

- Chapman, F. M. Handbook of Birds of Eastern North America. D. Appleton-Century Co., New York, N. Y. \$5.
 -----Color Key to North American Birds with Bibliographical Appendix. D. Appleton-Century Co., New York, N. Y. \$4.
 -----What Bird is That? D. Appleton-Century Co., New York, N. Y. \$1.50.
 Coues, Elliott. Key to North American Birds. Ed. 6, 2 vols. The L. C. Page Co., Boston, Mass. \$15.
 Hoffman, R. A Guide to the Birds of New England and Eastern New York. Houghton Mifflin Co., Boston, Mass. Cloth, \$3; pocket edition, Fabrikoid, \$4.
 -----Birds of the Pacific States. Houghton Mifflin Co., Boston, Mass. \$3.50.
 May, J. B. The Hawks of North America, Their Identification and Feeding Habits. Color plates. National Audubon Society, 1006 Fifth Ave., New York, N. Y. \$1.25.
 Peterson, R. T. A Field Guide to the Birds. Houghton Mifflin Co., Boston, Mass. \$2.75.
 Reed, C. A. Bird Guide. (In two parts.) Part I. Water and Game Birds; Birds of Prey East of the Rockies. Part II. Land Birds East of the Rockies. Doubleday, Doran and Co., Garden City, N. Y. Cloth, per part, \$1.25; Fabrikoid, per part, \$1.50.
 Reed, C. K. Western Bird Guide. Doubleday, Doran and Co., Garden City, N. Y. \$1.75.
 Wyman, Luther E., and Burnell, Elizabeth F. Field Book of the Birds of the Southwestern United States. Houghton Mifflin Co., Boston, Mass. Cloth, \$3.50; leather, \$5.

GENERAL WORKS ON BIRDS

- Allen, A. A. The Book of Bird Life. D. Van Nostrand Co., Inc., New York, N. Y. \$3.50.
 Allen, G. M. Birds and Their Attributes. Marshall Jones Co., Boston, Mass. \$3.50.
 American Ornithologists' Union. Check-List of North American Birds. Ed. 4. \$4.
 -----Fifty Years' Progress of American Ornithology, 1883-1933. Ruderford Boulton, Treas., Amer. Ornith. Union, Field Museum, Chicago, Ill. \$1.10.
 Audubon, J. J. The Birds of America. Color plates. The Macmillan Co., New York, N. Y. \$12.50.
 Baynes, E. H. Wild Bird Guests. E. P. Dutton and Co., New York, N. Y. \$2.
 Bralliar, F. Knowing Birds Through Stories. Funk and Wagnalls Co., New York, N. Y. \$2.
 Chapman, F. M. Bird Life. D. Appleton-Century Co., New York, N. Y. \$5.
 Heilmann, G. The Origin of Birds. D. Appleton-Century Co., New York, N. Y. (Out of print.)
 Horsfield, H. K. Sidelights on Birds. D. Appleton-Century Co., New York, N. Y. \$4.
 Job, H. K. The Sport of Bird Study. The Macmillan Co., New York, N. Y. (Out of print.)

- Knowlton, F. H. Birds of the World. Henry Holt and Co., New York, N. Y.
(Out of print.)
- National Geographic Society. Book of Birds. 2 vols. color plates.
National Geographic Society, Washington, D. C. \$5.
- Newton, A., and Gadow, H. A Dictionary of Birds. A. and C. Black, London.
(Out of print.)
- Peterson, R. T. The Junior Book of Birds. Houghton Mifflin Co., Boston,
Mass. \$2.
- Pycraft, W. P. History of Birds. Methuen and Co., London. (Out of
print.)
- Thomson, J. Arthur. The Biology of Birds. The Macmillan Co., New York,
N. Y. \$5.
- Trafton, Gilbert H. Bird Friends. Houghton Mifflin Co., Boston, Mass.
\$3.50.

SOME REGIONAL WORKS ON BIRDS

(The majority of the regional lists here cited contain descriptions for the identification of birds and accounts of habits. Several, as noted, have color plates as well as black and white illustrations. In the ornithological magazines will be found many articles dealing with the birds of restricted regions.)

- Austin, O. L., Jr. Birds of Newfoundland Labrador. Nuttall Ornithological Club, Cambridge, Mass.
- Baerg, W. J. Birds of Arkansas. Bull. 258. University of Arkansas, Fayetteville, Ark.
- Bailey, F. M. Birds of New Mexico. New Mexico Department of Game and Fish, Santa Fe, N. Mex. (Out of print.)
- Bergtold, W. H. A Guide to the Birds of Colorado. Smith-Brooks Printing Co., Denver, Colo. \$2.25.
- Dawson, W. L. Birds of California. W. Lee Chambers, Eagle Rock, Los Angeles, Calif. 4 vols., color plates. \$19.
- Forbush, E. H. Birds of Massachusetts and Other New England States. Secretary of the Commonwealth, State House, Boston, Mass. 3 vols., color plates. (Out of print.)
- Natural History of the Birds of Eastern and Central North America. Revised and abridged by John B. May. 1 vol., color plates. Houghton Mifflin Co., Boston, Mass. \$4.95.
- Gabrielson, I. N., and Jewett, S. J. Birds of Oregon. Oregon State College, Corvallis, Oreg. \$4.25.
- Howell, A. H. Birds of Alabama. Department of Game and Fisheries of Alabama, Montgomery, Ala.
- Florida Bird Life. Color plates. National Audubon Society, 1006 Fifth Ave., New York, N. Y. \$3.50.
- Nice, M. M. The Birds of Oklahoma. University of Oklahoma, Biological Survey, Vol. 3, No. 1. University of Oklahoma, Norman, Okla.
- Oberholser, H. C. The Bird Life of Louisiana. Bull. 28, Dept. of Conservation, New Orleans, La. \$1.
- Roberts, T. S. Birds of Minnesota. Ed. 2, rev., 2 vols. Color plates. University of Minnesota Press, Minneapolis, Minn. \$15.

- Logbook of Minnesota Bird Life, 1917-1937. University of Minnesota Press, Minneapolis, Minn. \$3.50.
- Stone, W. Bird Studies at Old Cape May. 2 vols. Del. Valley Ornith. Club, Acad. Nat. Sci. Phila., Philadelphia, Pa. \$6.50.
- Sutton, G. M. An Introduction to the Birds of Pennsylvania. J. Horace McFarland Co., Harrisburg, Pa. \$1.
- Taverner, P. A. Birds of Canada. Color plates. David McKay Co., Philadelphia, Pa. \$4.
- Todd, W. E. C. Birds of Western Pennsylvania. 2 vols. Color plates. University of Pittsburgh Press, Pittsburgh, Pa. \$5.

SELECTED BOOKS ON SPECIAL PHASES OF BIRD STUDY

Birdbanding

- Commons, M. A. The Log of Tanager Hill. Williams and Wilkins Co., Baltimore, Md. \$2.50.
- Govan, A. C. Wings at my Window. The Macmillan Co., New York, N. Y. \$2.50.

Economic Ornithology

- Forbush, E. H. Useful Birds and Their Protection. Secretary of the Commonwealth, Boston, Mass. (Out of print.)
- Henderson, Junius. The Practical Value of Birds. The Macmillan Co., New York, N. Y. \$2.50.
- McAtee, W. L. Effectiveness in Nature of the So-called Protection Adaptations in the Animal Kingdom, Chiefly as Illustrated by the Food Habits of Nearctic Birds. Smithsonian Institution No. 3125, Washington, D. C. 75¢
- Weed, C. M., and Dearborn, Ned. Birds in Their Relations to Man. Ed. 4. J. B. Lippincott Co., Philadelphia, Pa. \$3.50.

Game Birds and Game Management

- American Game Conference Reports. (Annual) American Wildlife Institute, Washington, D. C. 50¢ and \$1.
- Bennett, L. J. The Blue-winged Teal. Collegiate Press, Ames, Iowa. \$1.50.
- Bennitt, R., and Nagel, W. O. A Survey of the Resident Game and Furbearers of Missouri. University of Missouri Studies, vol. 12, No. 2. Columbia, Mo. \$1.25.
- Forbush, E. H. History of Game Birds, Wild Fowl and Shorebirds. Secretary of the Commonwealth, Boston, Mass. (Out of print.)
- Grinnell, J., Bryant, H. C., and Storer, T. I. The Game Birds of California. University of California Press, Berkeley, Calif. (Out of print.)
- Leopold, Aldo. Game Management. Charles Scribner's Sons, New York, N. Y. \$5.
- Report on a Game Survey of the North Central States. American Wildlife Institute, Washington, D. C. \$1.
- McAtee, W. L. Wildfowl Food Plants. Collegiate Press, Ames, Iowa. \$1.50.

- Phillips, J. C., and Lincoln, F. C. American Waterfowl. Houghton Mifflin Co., Boston, Mass. \$4.50.
- Pirnie, M. D. Michigan Waterfowl Management. Game Division, Commission of Conservation, Lansing, Mich.
- Stoddard, H. L. The Bobwhite Quail, Its Habits, Preservation, and Increase. Charles Scribner's Sons, New York. N. Y. \$6.
- Wight, H. M. Field and Wildlife Management. University of Michigan Press, Ann Arbor, Mich. \$1.50.
- Yeatter, R. E. The Hungarian Partridge in the Great Lakes Region. University of Michigan Press, Ann Arbor, Mich. 35¢

Flight

- Aymar, G. C. Bird Flight. Dodd, Mead and Co., New York, N. Y. \$4.
- Headley, F. W. The Flight of Birds. H. F. and G. Witherby, London. (Out of print.)
- Horton-Smith, C. The Flight of Birds. H. F. and G. Witherby, London.

Life History

- Allen, A. A. American Bird Biographies. Comstock Publishing Co., Inc., Ithaca, N. Y. \$3.50.
- The Golden Plover and Other Birds. Comstock Publishing Co., Inc., Ithaca, N. Y. \$3.
- Bailey, A. M., and Wright, E. G. At Home with the Birds. Chicago Academy of Sciences, Chicago, Ill. (Also obtainable at various chain stores.) 15¢
- Bendire, C. Life Histories of North American Birds. 2 vols. U. S. National Museum. (Out of print.)
- Bent, A. C. Life Histories of North American Birds: Diving Birds; Gulls and Terns; Petrels and Pelicans; Wild Fowl (2 vols.); Marsh Birds; Shore Birds (2 vols.); Gallinaceous Birds; Birds of Prey (2 vols.); Woodpeckers; Cuckoos, Goatsuckers, Hummingbirds, and their Allies. Thirteen volumes already published by the U. S. National Museum. (All out of print except Birds of Prey, Woodpeckers, and Cuckoos.)
- Nice, M. M. The Watcher at the Nest. The Macmillan Co., New York, N. Y. \$2.

Migration

- Chapman, F. M. Travels of Birds. D. Appleton-Century Co., New York, N. Y. 76¢
- Lincoln, F. C. The Migration of American Birds. Doubleday, Doran and Co., Garden City, N. Y. \$4.
- Rowan, W. The Riddle of Migration. Williams and Wilkins Co., Baltimore, Md. \$2.
- Thomson, A. L. Bird Migration. H. F. and G. Witherby, London.
- Problems of Bird Migration. Houghton Mifflin Co., Boston, Mass. (Out of print.)
- Wetmore, A. The Migrations of Birds. University Press, Cambridge, Mass. (Out of print.)

Oology

- Davie, O. North American Birds' Eggs. David McKay Co., Philadelphia, Pa. (Out of print.)
Reed, C. A. North American Birds' Eggs. Doubleday, Doran and Co., Garden City, N. Y. (Out of print.)

Photography

- Chapman, F. M. Bird Studies with a Camera. D. Appleton-Century Co., New York, N. Y. \$3.
Morris, P. A. Nature Photography around the Year. D. Appleton-Century Co., New York, N. Y. \$4.
Nesbit, W. How to Hunt with the Camera. E. P. Dutton and Co., New York, N. Y. \$7.50.

(Chapters on bird photography will also be found in: Allen, A. A., The Book of Bird Life; and Job, H. K., The Sport of Bird Study, cited above. Many articles on the subject will be found in various ornithological and sporting magazines.)

Song

- Mathews, F. S. Field Book of Wild Birds and Their Music. G. P. Putnam's Sons, New York, N. Y. \$3.50.
Saunders, A. A. A Guide to Bird Songs. D. Appleton-Century Co., New York, N. Y. \$2.50.

Taxidermy

- Anderson, R. M. Methods of Collecting and Preserving Vertebrate Animals. National Museum of Canada, Bull. 69. Ottawa, Canada.
Chapin, J. P. The Preparation of Birds for Study. American Museum of Natural History, New York, N. Y. 15¢
Hornaday, W. T. Taxidermy and Zoological Collecting. Charles Scribner's Sons, New York, N. Y. \$4.
Pray, L. L. Taxidermy. The Macmillan Co., New York, N. Y. \$1.
Rowley, John. Taxidermy and Museum Exhibition. D. Appleton-Century Co., New York, N. Y. \$7.50.

Territorialism

- Howard, H. E. Territory in Bird Life. John Murray, London. (Out of print.)
-----An Introduction to the Study of Bird Behavior. Cambridge University Press, Cambridge, England.

(Several articles on this subject will be found in the ornithological magazines, especially those dealing with banded birds.)

AMERICAN ORNITHOLOGICAL MAGAZINES

- The Auk. Quarterly. Rudyerd Boulton, Field Museum, Chicago, Ill. \$4 a year.
- Bird-Lore. Bi-monthly. 1006 Fifth Ave., New York, N. Y. \$1.50 a year.
- The Condor. Bi-monthly. John McB. Robertson, Associate Business Manager, Cooper Ornithological Club, Buena Park, Calif. \$3 a year.
- The Wilson Bulletin. Quarterly. Olin S. Pettingill, Jr., Carleton College, Northfield, Minn. \$1.50 a year.
- The Oologist. Monthly. R. M. Barnes, Editor, Lacon, Ill. 50¢ a year.
- Bird-Banding. Quarterly. Chas. B. Floyd, Secretary-Treasurer, Northeastern Bird-Banding Association, 210 South St., Boston, Mass. \$2.50 a year.

(In addition to the above magazines of wide interest, several State and local bird societies issue regular bulletins. These frequently contain matter of more than local interest.)

LEAFLETS, COLORED PICTURES, AND CHARTS (Prices on application to publishers)

- Audubon Bird Charts. Massachusetts Audubon Society, Charles R. Mason, Secretary, 66 Newbury St., Boston, Mass.
- Bird and Animal Paintings. American Nature Association, 1214 Sixteenth St., NW., Washington, D. C.
- Bird Portraits in Color: Two Hundred Ninety-five North American Species. With descriptions by Thomas S. Roberts. University of Minnesota Press, Minneapolis, Minn. Cloth, \$3.50; limp cloth, \$2.50; in portfolio without text, \$1.50.
- Birds of New York. Color plates. University of the State of New York, Albany, N. Y. \$1.25.
- Educational Leaflets, Bird Charts, and Pictures in Color. National Audubon Society, 1006 Fifth Ave., New York, N. Y.
- Educational Pamphlets and Pictures in Color. Liberty Bell Bird Club, c/o The Farm Journal, Washington Square, Philadelphia, Pa.

BIRD LECTURES, LANTERN SLIDES, AND MOTION PICTURES

- Lecture No. 14. The Value of Birds in Relation to Agriculture, 51 slides. Office of Cooperative Extension Work, U. S. Department of Agriculture, Washington, D. C.
- Lantern Slides:
- National Audubon Society. 1006 Fifth Ave., New York, N. Y.
 - S. S. S. Stansell, Provost, Alberta, Canada.
 - Wildflower Preservation Society, 3740 Oliver St., NW., Washington, D. C.
 - E. R. Warren, 1511 Wood Avenue, Colorado Springs, Colo.

Motion Pictures of the U. S. Department of Agriculture. Miscellaneous Circular 86M. Gives list of films and tells how they may be obtained for exhibition. Free.

Motion Pictures. For rent by the National Audubon Society, 1006 Fifth Ave., New York, N. Y.

Motion Pictures. Distributed by the U. S. Department of the Interior. Unnumbered leaflet (processed.) Free.

FIELD GLASSES OR PRISM BINOCULARS, TELESCOPES, AND TAXIDERMISTS' AND GENERAL NATURALISTS' SUPPLIES

The terms field glasses and prism binoculars, although referring to different instruments, have come to be used interchangeably, and are so used here. The amateur bird watcher will find that opera glasses, though an aid, fall short of providing sufficient enlargement for identification. It does not pay to buy cheap, low-power glasses when investing in a new pair. We recommend the purchase therefore, through reliable sources, of a pair of not lower than 6-, 7-, or 8-power prism binoculars having as wide a field of vision as possible.

As binoculars are expensive it is much better to compare several pairs and makes before buying. Many advanced bird students supplement field glasses with a telescope because of its long range and greater magnifications, despite the need of setting up a tripod or rest for its use.

Bausch and Lomb, Rochester, N. Y. (Field glasses, telescopes.)

M. Abbott Frazar Co., 87 Sudbury St., Boston, Mass.

M. Hensoldt and Sons, Inc., 258-b Broadway, New York, N. Y. (Field glasses, telescopes.)

Benjamin Hoag, Garfield, N. Y.

The Kny-Scheerer Corporation, 404-410 West 27th St., New York, N. Y.

J. A. Loring, Owego, N. Y. (Field glasses, telescopes.)

Mirakel Optical Co., Mount Vernon, N. Y. (Field glasses.)

National Audubon Society, 1006 Fifth Ave., New York, N. Y. (Field glasses, telescopes.)

F. Schumacher, 285 Halladay St., Jersey City, N. J.

Ward's Natural Science Establishment, Rochester, N. Y.

Frank Blake Webster Co., Hyde Park, Mass.

Carl Zeiss, Inc., 485 Fifth Ave., New York, N. Y. (Field glasses, telescopes.)

ORNITHOLOGICAL SOCIETIES

(The annual dues include subscription to the periodical published by each Society)

American Ornithologists' Union. (Publishes *The Auk*, and has issued 4 editions of a Check-List of North American Birds.) Secretary, Lawrence E. Hicks, Ohio State University, Columbus, Ohio, Annual dues, \$3.

Cooper Ornithological Club. (Publishes *The Condor*.) Associate Business Manager, John McB. Robertson, Buena Park, Calif. Annual dues, \$3.

Wilson Ornithological Club. (Publishes *The Wilson Bulletin*.) Secretary, Olin S. Pettingill, Jr., Carleton College, Northfield, Minn. Annual dues, \$2.50.

National Audubon Society. (Publishes *Bird-Lore*.) Executive Director, John H. Baker, 1006 Fifth Ave., New York, N. Y. Sustaining membership, \$5 a year.

