

American Birds

A bimonthly journal devoted to the birds of the Americas

Published by the National Audubon Society / Russell W. Peterson, Publisher

EDITORIAL ADVISORS

John W. Aldrich Mary H. Clench Thomas R. Howell Frances C. James Robert J. Newman Kenneth C. Parkes Roger Tory Peterson Olin Sewall Pettingill, Jr. George Miksch Sutton Dale A. Zimmerman

EDITORS

Robert S. Arbib, Jr./ Editor
Susan Roney Drennan/ Associate Editor
Lois Heilbrun/ Christmas Bird Count
Chandler S. Robbins/ Technical Editor
J.P. Myers/Editor, Special Projects
Aldeen and Willet T. Van Velzen/ Breeding Bird Censuses
Calvin L. Cink and Roger L. Boyd/ Winter Bird-Populations
Elisabeth Lawatsch/ Circulation Manager
Anne Wagner/ Advertising; Editorial Assistant
Katharine A. Ray/Editorial Assistant

INFORMATION FOR AUTHORS, ARTISTS, PHOTOGRAPHERS

AMERICAN BIRDS welcomes the submission of articles and photographs for publication.

Our major areas of interest are the changing distribution, population, migration, and rare occurrence of the avifauna of North and South America, including Middle America and the West Indies. We solicit articles on problems in field identification, in our "Site Guide" series of birding locales, in our "Centers of Learning" series that profiles institutions concerned with ornithology.

ARTISTS AND PHOTOGRAPHERS—AMERICAN BIRDS is now able to publish more pages of illustrative material, both in color and black-and-white. We welcome submission of photographic essays or series of topical interest, high quality single photographs of significance, transparencies of paintings in color, as well as line or wash drawings that can be used in an illustrative or even decorative manner. We would like to hear from (with a sample or two) artists who might be willing to illustrate articles for us. As usual, documentary photographs will be used, when space permits, in our Changing Seasons and Regional Report sections.

For a "Work in Progress" column, we welcome notices of research projects seeking field reports or other collaboration; we publish advance notices of important conventions, meetings, symposia, seminars, and conferences.

All submissions will be carefully considered, but authors considering major submissions should correspond with the editors first. AMERICAN BIRDS publishes papers of a technical nature but only when written in a less-than-technical, easily readable style: *i.e.*, no complicated equations, lengthy tables, or complex graphs. Major articles should be limited to 3000 words; exceptions may be agreed upon after consultation. All material submitted should be original, and previously unpublished. Manuscripts should follow accepted rules of format and style, be typewritten, double-spaced, on white paper, with generous margins. Photographs should be glossy black-and-white or transparencies, clearly marked with author's name and address. We require the original typescript and one carbon copy. All manuscripts will be acknowledged, but authors must recognize that a backlog exists which may entail delayed publication after acceptance. Manuscripts are refereed before acceptance.

For further information address the editors at the American Birds offices, 950 Third Avenue, New York, N.Y. 10022. Telephone: 212-546-9189.

AMERICAN BIRDS is published six times a year. Editorial and business offices are located at 950 Third Avenue, New York, N.Y. 10022 Subscriptions: \$15 a year for the U.S.A. and \$18 (\$U.S.) foreign and Canada, \$16 libraries and institutions. Single copies: Christmas Bird Count (July) \$7.50 (\$9.50 foreign and Canada); Fall Migration (March), Winter Season (May), Spring Migration (September), Nesting Season (November), Winter Bird-Population Studies and Breeding Bird Censuses (January) \$2.50, (\$3.00 foreign and Canada). Checks and money order should be made payable to AMERICAN BIRDS. Second class postage paid at New York, N.Y. and additional Post Offices. Copyright © 1982 by the National Audubon Society, Inc.

Postmaster: if undeliverable, please notify American Birds on Form 3579 at 950 Third Avenue, New York, N.Y. 10022. ISSN: 004-7686.

Market Place

BOOKS

BIRD BOOKS are our specialty. Please send \$1., for a comprehensive catalog. BUTEO BOOKS, P.O. Box 481, Vermillion SD 57069.

BOOKS on Birds and Natural History subjects, new and out-ofprint. Catalog \$1.50. PETERSEN BOOK CO., Box 966, Davenport, IA 52805.

QUALITY USED BOOKS. Free catalogue including bird books, natural history, science, travel, Americana. Please specify interests. Shuhi Books. Box 268-B. Morris, CT 06763.

BIRD BOOKS, other natural history, rare, out-of-print, color plate. Almost 1,100 books listed. LARRY J. RUSECKI, Blue Ridge Rd., Schroon Lake, N.Y. 12870.

BIRDING EAST OR WEST AFRICA, SOUTHEAST ASIA, THE GALAPAGOS? Send \$2.00 for an extensive, annotated catalogue of out of print, rare and new bird books (including latest foreign field guides). Bird books bought. PATRICIA LEDLIE—bookseller, Box 46, Buckfield, ME 04220, 207-336-2969.

ANNOTATED CHECKLIST OF THE BIRDS OF ARIZONA 2nd ed. by Gale Monson & Allan Phillips, \$6.95 ppd. from University of Arizona Press, Box 3698Y, Tucson, AZ 85722.

TOURS

MARCO ISLAND, DRY TORTUGAS AND THE GULF OF MEXICO. Bird Tours aboard THE WHITE HERON Call or write for brochure— Capt. Dick O'Neill White Heron Research, Inc. 474 Pepperwood Ct. Marco Island, FL 33937 (813) 394-1306

OPTICAL EQUIPMENT

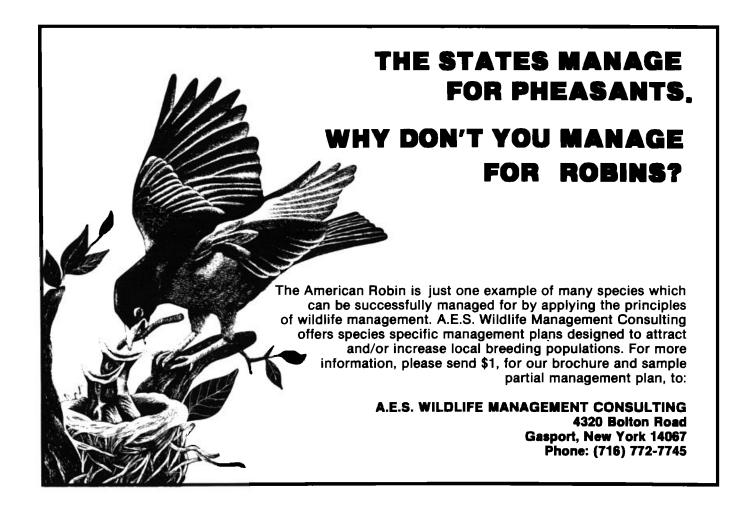
LEITZ, ZEISS, B&L, SWIFT, BUSHNELL, NIKON, OPTOLYTH OPTICS and accessories. Send stamp for discount list. Specify literature desired. Large stock. Orders filled day received. Postpaid. BIRDING, Box 5-E, Amsterdam, NY 12010.

RESULTS!

At \$2a word, minimum 10 words, you reach a possible 31,000 readers with your AMERICAN BIRDS Market Place ad. Buy, sell, job hunt, talent hunt, rent, offer, seek, dispose!

BACK ISSUES WANTED

If you have copies in good condition of Audubon Field Notes or AMERICAN BIRDS from Volume 1, Number 1, you can get a valuable tax deduction for their current total worth plus postage by donating them to AMERICAN BIRDS. Urgently needed now, Vol. 29, No. 1, 1975; Vol. 30, No. 3, 1976; Vol. 33, Nos. 5 and 6, 1979. For other issues, please make offering by letter only; send no other issues without prior correspondence.



SEPTEMBER 1982, VOLUME 36, NUMBER 5

CONTENTS

- 791 Eleventh Salon of Photographs
- 801 The Red-shouldered Hawk (Buteo lineatus) in Arizona/Richard L. Glinski
- 804 Sixteenth in the Fuertes print series
- 806 The Short-tailed Albatross (Diomedea albatrus) its status, distribution and natural history/Hiroshi Hasegawa and Anthony R. DeGange
- 815 Wintering waterfowl in the Everglades estuaries/James A. Kushlan, Oron L. Bass, Jr., and Linda C. McEwan
- 820 The Changing Seasons/Raymond J. Adams, Jr.

The Spring Migration: March 1-May 31, 1982

- 827 Northeastern Maritime Region/Blair Nikula
- 831 Quebec Region/Normand David and Michel Gosselin
- 833 Hudson-Delaware Region/William J. Boyle, Jr., Robert O. Paxton, and David A. Cutler
- 837 Middle Atlantic Coast Region/Henry T. Armistead
- 840 Southern Atlantic Coast Region/Harry E. LeGrand, Jr.
- 843 Florida Region/Herbert W. Kale II
- 846 Ontario Region/Ron D. Weir
- 849 Niagara-Champlain Region/Douglas P. Kibbe
- 851 Appalachian Region/George A. Hall
- 854 Western Great Lakes Region/Kim R. Eckert
- 857 Middlewestern Prairie Region/Bruce G. Peterjohn
- 861 Central Southern Region/Thomas A. Imhof
- 864 Prairie Provinces Region/Jim Wedgwood
- 866 Northern Great Plains Region/Gordon B. Berkey
- 868 Southern Great Plains Region/Frances Williams
- 871 South Texas Region/John C. Arvin
- 873 Northwestern Canada Region/Helmut Grünberg
- 875 Northern Rocky Mountain-Intermountain Region/Thomas H. Rogers
- 877 Mountain West Region/Hugh E. Kingery
- 880 Southwest Region/Janet Witzeman and John P. Hubbard
- 884 Alaska Region/Daniel D. Gibson
- 886 Northern Pacific Coast Region/Philip W. Mattocks, Jr., and Eugene S. Hunn
- 889 Middle Pacific Coast Region/Jules Evens and Ron LeValley
- 892 Southern Pacific Coast Region/Guy McCaskie
- 896 Hawaiian Islands Region/Robert L. Pyle
- 897 West Indies Region/Robert L. Norton
- 899 Western Gull in Alabama and northwestern Florida/Charles D. Duncan
- 903 New and Recent Books and Records
- 910 The Last Word