

American Birds

November 1982



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.
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*
Nancy Johnson-Monroe/ *Accountant*

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: \$18 a year for U.S.A. and \$21 (U.S.\$) Canada and foreign, \$20 libraries and institutions. Two-years: U.S.A. \$35, Canada and foreign \$39 (U.S.\$). Single copies: Christmas Bird Count (July-August) U.S.A. \$9.50, Canada and foreign \$10. Fall Migration (March-April) Winter Season (May-June) Spring Migration (September-October), Summer Season (November-December) Population Studies (January-February) all \$3, U.S.A., elsewhere \$3.50. Checks and money orders *in U.S. \$ only* should be made payable to AMERICAN BIRDS. Second class postage paid at New York, N.Y. and additional Post Offices. Copyright © 1983 by the National Audubon Society, Inc.

Postmaster: send address changes to AMERICAN BIRDS, 950 Third Avenue, New York, N.Y. 10022. ISSN 004-7686

The Table of Contents for this issue will be found on the inside back cover.

NOVEMBER 1982, VOLUME 36, NUMBER 6

CONTENTS

- 915 Tussock World/*Olin Sewall Pettingill, Jr.*
922 Seventeenth in the Fuertes print series
924 Fifty years of bird sound publication in North America: 1931-1981/*Jeffery Boswall and Dominic Couzens*
944 Bird song beyond species recognition/*L. Scott Johnson*
948 The Changing Seasons/*Don Roberson*

The Nesting Season: June 1-July 31, 1982

- 954 Northeastern Maritime Region/*Stuart I. Tingley*
956 Quebec Region/*Michel Gosselin and Normand David*
958 Hudson-Delaware Region/*Robert O. Paxton, William J. Boyle, Jr., and David A. Cutler*
962 Middle Atlantic Coast Region/*Henry T. Armistead*
965 Southern Atlantic Coast Region/*Harry E. LeGrand, Jr.*
967 Florida Region/*Richard T. Paul*
970 Ontario Region/*Ron D. Weir*
974 Niagara-Champlain Region/*Douglas P. Kibbe and Cheryl M. Boise*
975 Appalachian Region/*George A. Hall*
978 Western Great Lakes Region/*Daryl D. Tessen*
981 Middlewestern Prairie Region/*Bruce G. Peterjohn*
985 Central Southern Region/*Jerome A. Jackson*
988 Prairie Provinces Region/*J. Bernard Gollop*
990 Northern Great Plains Region/*Craig A. Faanes*
992 Southern Great Plains Region/*Frances Williams*
995 South Texas Region/*Fred S. Webster, Jr.*
996 Northwestern Canada Region/*Helmut Grünberg*
998 Northern Rocky Mountain-Intermountain Region/*Thomas H. Rogers*
1000 Mountain West Region/*Hugh E. Kingery*
1003 Southwest Region/*Janet Witzeman and John P. Hubbard*
1007 Alaska Region/*Daniel D. Gibson*
1009 Northern Pacific Coast Region/*Bill Harrington-Tweit, Philip W. Mattocks, Jr., and Eugene S. Hunn*
1011 Middle Pacific Coast Region/*Ron LeValley and Jules Evens*
1015 Southern Pacific Coast Region/*Guy McCaskie*
1018 Hawaiian Islands Region/*Robert L. Pyle*
1019 West Indies Region/*Robert L. Norton*
- 1020 Going Places: Trips and Tours, 1983/*Prepared by Elisabeth Lawatsch*
1024 Dunlin, *Calidris alpina*: new to Argentina/*Julius A. Kieser*.
1026 Announcements
1027 Referee Roster—Volunteers 1982
1029 Indices, Volume 36—1982/*Prepared by Anne Wagner*

COVER PHOTOGRAPH—*Eastern Meadowlark in song.*
This was one of the first North American species to have its
song published. Photo/Russ Kinne from Photo Researchers, Inc.

Participate in the fascinating world of nature...

Build a comprehensive library of books about birds. Keep well-informed about the latest books available—and get the original publisher's edition at a discount of up to 70% off the publisher's price!



Join the Birding Book Society today!

94056. THE BIRDWATCHER'S COMPANION. Christopher Leahy. An encyclopedic reference book of North American birdlife, containing critical and trivial information. Full-color and black-and-white illustrations by Gordon Morrison. *Counts as 2 of your 3 books.* **\$29.95**

39783. THE COMPLETE OUTFITTING AND SOURCE BOOK FOR BIRD WATCHING. Michael Scofield. Techniques of bird watching, buying tips for equipment, birding sites, and much more. Illustrated. **\$12.95**

64852. NORTH AMERICAN GAME BIRDS AND MAMMALS. A. Starker Leopold and Gene M. Christman. This special guide gives you the latest information on 135 important game species. Superbly illustrated. **\$19.95**

62925. MOMENTS OF DISCOVERY. Eliot Porter and Michael Harwood. 70 stunning photographic portraits of birds in flight, at the nest, during courtship, and display; by the man who is called "Audubon with a camera." *Counts as 2 of your 3 books.* **\$29.95**

39664. COMMON GROUND: A NATURALIST'S CAPE COD. Robert Finch and Amanda Cannell. Finch can take a common event in the world of wildlife and make it exceptional. We see, hear, and feel the Cape Cod through his prose. **\$12.95**

48132. FALCONS OF THE WORLD. Tom J. Cade and R. David Digby. Here each of the 39 species of the genus Falco is dealt with fully in accounts that are scientific and exciting to read, capturing the full flavor of the bird's lifestyles. *Counts as 2 of your 3 books.* **\$38.50**

51947. A GUIDE TO NORTH AMERICAN BIRD CLUBS. Jon E. Rickert. 835 bird clubs in the U.S., Canada, Mexico, and other areas. Persons to contact, birding reports, membership list, field trips, and more. **\$15.00**

36377. BIRDS OF THE WORLD: A CHECKLIST. James A. Clements. Completely revised and expanded, this 576-page volume is one of the most scientifically reliable and usable compilations of the world's birds available today. **\$19.95**

94058. BIRDWATCH. Tony Soper. An introduction to bird history, biology and behavior by naturalist Tony Soper, with illustrations by Robert Gillmor. **\$19.95**

40772. THE COUNTRY JOURNAL BOOK OF BIRDING. Alan Pistorius. A year in the life of a "working" birder. **\$15.95**

41305. THE CUCKOO. Ian Wyllie. Impeccably scientific and totally absorbing. Describes in detail the habits of this fascinating bird. *Counts as 2 of your 3 books.* **\$30.00**

36288. BIRD FAMILIES OF THE WORLD. Ad Cameron and Dr. C.J.O. Harrison. Presents, in realistic illustrations and readable text, every bird family—living and extinct. 50 ornithologists from every part of the world have contributed entries on their specialties. Over 500 illustrations in full-color. **\$25.00**

55004. ILLUSTRATED GUIDE TO BIRDS AND BIRDWATCHING. Neil Ardley. Filled with full-color drawings and drawings representing 340 representative species, this guide shows precisely how, when, and where to watch birds; and how to identify any birds you are likely to see. **\$15.95**

50621. THE GREAT BIRD ILLUSTRATORS AND THEIR ART 1730-1930. Peyton Skipwith. 65 carefully selected, exquisite color plates by 15 famous bird illustrators—including John Gould and John James Audubon. Presents the history of the illustrated bird through two centuries; will appeal equally to the naturalist and lover of the fine arts. **\$25.00**

36307. BIRDS OF MAN'S WORLD. Derek Goodwin. This book reports engrossingly on changes in bird behavior over the years due to man's presence and activities on this planet. Including man's positive effects on birdlife. **\$10.95**

78309. SIMON & SCHUSTER'S GUIDE TO BIRDS OF THE WORLD. Edited by John Bull. Descriptions of 424 species representative of the world's bird families. Over 500 full-color photographs; over 500 pages. *Counts as 2 of your 3 books.* **\$22.50**

48345. A FANCY FOR PIGEONS. Jack Kligerman. Perhaps no other bird has exerted such a strong influence on the imagination of western civilization. With charm and wit, their story is told—along with the colorful personalities who have become enamored with them. **\$12.00**

The Birding Book Society is under new ownership.

We are trying harder than ever to offer you the best quality books, at generous discounts, and an increased high standard of customer service.

MEMBERSHIP BENEFITS. • In addition to getting three books for only \$2.00 each when you join, you keep saving substantially on the books you buy. • The Birding Book Society always offers its members quality publishers' editions, never "economy reprints." • Starting immediately, you will be eligible for our Bonus Book Plan, with savings of at least 70% off publishers' prices. • At 3-4 week intervals (15 times per year) you will receive the Book Club News, describing the coming Main Selection and Alternate Selections, together with a dated reply card. In addition, you may receive offers of Special Selections, always at substantial discounts. • If you want the Main Selection, do nothing and it will be sent to you automatically. • If you prefer another selection, or no book at all, simply indicate your choice on the card, and return it by the date specified. • You will have at least 10 days to decide. If because of late mail delivery of the News you should receive a book you do not want, we guarantee return postage.

Select any 3 books for only \$2 each (values to \$69.95)

if you will join now for a trial period and agree to accept only 4 more books—at terrific discount prices—over the next 12 months.

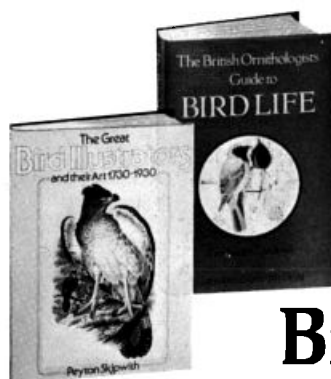
36865. THE BRITISH ORNITHOLOGISTS' GUIDE TO BIRD LIFE. Carl-Fredrick Lundevall. In one luxurious volume, complete aids to identification and all the details to understand the habitats and life cycles of the birds in question. *Counts as 2 of your 3 books.* **\$32.50**

48453. A FIELD GUIDE TO WESTERN BIRDS' NESTS. Hal H. Harrison. 520 species of birds in every kind of niche west of the Mississippi. Over 400 magnificent photos! **\$11.95**

87058. WHERE TO FIND BIRDS IN NEW YORK STATE. Susan Roney Drennan. This impeccably accurate volume is the first and only guide ever published covering more than 500 of the best birding spots in the entire state of New York. *Counts as 2 of your 3 books.* **\$38.00**

36392. BIRDWATCHING ON INLAND FRESH WATERS. M.A. Ogilvie. Describes the different types of fresh water in Europe and then explains the ways in which the birds use this habitat for feeding, nesting and sanctuary. Photographs and line drawings. **\$17.50**

54958. IDLE WEEDS: THE LIFE OF A SANDSTONE RIDGE. David Rains Wallace. Wallace turns his acute powers of observation on a sandstone ridge in east-central Ohio and records the constant changes, both subtle and blatant, in its natural communities. Written with eloquence and candor. **\$12.95**



Birding Book Society

P.O. Box 564
Dover, New Hampshire 03820
1-(800)-343-9444—Toll Free

Please accept my application for membership and send me the three volumes indicated, billing me only \$2 each. I agree to purchase at least four additional Selections or Alternates during the first 12 months I am a member, under the club plan described in this ad. Savings range up to 30% and occasionally even more. My membership is cancelable any time after I buy these four books. A shipping and handling charge is added to all shipments.

3 books for \$2 each.

Indicate by number the books you want.

Some books (noted in books descriptions) count as 2 of your 3 choices.

Name

Address

City

State Zip

(Offer good in Continental U.S. and Canada only. Prices slightly higher in Canada.)

Birding Book Society