

Vol. 57

DECEMBER 1945

No. 4

The Wilson Bulletin



Published by the
Wilson Ornithological Club
at
Ann Arbor, Michigan

CONTENTS

STUDIES OF CENTRAL AMERICAN REDSTARTS	Alexander F. Skutch	217
BIRD DISTRIBUTION AND ECOLOGICAL CONCEPTS, A SYMPOSIUM		
Part 2. Birds of a Deciduous Forest Aquatic Succession		
	John W. Aldrich	243
Part 3. Birds of the Deciduous Forest	Joseph J. Hickey	245
Part 4. Grassland Birds	O. A. Stevens	247
Part 5. Coniferous Forest Birds	Roger Tory Peterson	247
Part 6. The Relative Merits of the Life Zone and Biome Concepts	V. E. Shelford	248
WINTER NIGHT HABITS OF BIRDS	A. D. Moore	253
GENERAL NOTES— <i>Colorado nesting records of Starlings</i> , R. J. Niedrach; <i>Robin using abandoned Cardinal nest</i> , H. Brackbill; <i>Absorbent for use in the preparation of scientific skins</i> , A. W. Schorger; <i>Black and White Warbler feeding young of Worm-eating Warbler</i> , G. Rea		
		261
REPORTS		262, 271
EDITORIAL. ORNITHOLOGICAL NEWS		263
ORNITHOLOGICAL LITERATURE		265
NEW LIFE MEMBERS		272
MEMBERSHIP ROLL		273
INDEX TO VOLUME 57, 1945		302

THE WILSON BULLETIN

the official organ of the Wilson Ornithological Club, is published quarterly, in March, June, September, and December, at Ann Arbor, Michigan. In the United States the subscription price is \$2.00 a year. Single copies, 50 cents. Outside of the United States the rate is \$2.25. Single copies, 60 cents. Subscriptions should be sent to the Treasurer. Most back issues of the *Bulletin* are available at 50 cents each and may be ordered from the Editor.

All articles and communications for publication, books and publications for review, exchanges, and claims for lost or undelivered copies of the magazine, should be addressed to the Editor.

The current issue of *The Wilson Bulletin* is printed by the Ann Arbor Press, Ann Arbor, Michigan. Entered as second class matter July 13, 1916, at Ann Arbor, Michigan, under the Act of March 3, 1879.

THE WILSON ORNITHOLOGICAL CLUB

Founded December 3, 1888. Named after Alexander Wilson, the first American ornithologist. The officers for the current year are:

- President—S. Charles Kendeigh, University of Illinois, Champaign, Ill.
- First Vice-President—O. S. Pettingill, Jr., Carleton College, Northfield, Minn.
- Second Vice-President—H. F. Lewis, Dept. of Mines and Resources, Ottawa, Ont.
- Treasurer—M. B. Trautman, Stone Laboratory, Put-in-Bay, Ohio.
- Secretary—Maurice Brooks, University of West Virginia, Morgantown, W. Va.
- Editor—Josselyn Van Tyne, University of Michigan, Ann Arbor, Mich.
- Associate Editors—Margaret M. Nice and F. N. Hamerstrom, Jr.
- Assistant Editor—G. Reeves Butchart.

Membership dues per calendar year are: Sustaining, \$5.00; Active, \$3.00; Associate, \$2.00. *The Wilson Bulletin* is sent to all members not in arrears for dues.