The Wilson Bulletin



Published by the

Wilson Ornithological Club

at

Ann Arbor, Michigan

CONTENTS

Panama Ant-thrush	Howard	H. Cleaves	P1.2
Notes on the Life History of the Emerald Toucanet	Helmuth	O. Wagner	65
A PLIOCENE FLAMINGO FROM MEXICO		Loye Miller	77
NESTING OF THE AMERICAN REDSTART	Bernar	d W. Baker	83
BIRD STUDY AND SEMI-CAPTIVE BIRDS: THE ROSE-BREASTED GROSBEAK		H. R. Ivor	91
THE CHESTNUT-COLLARED LONGSPUR IN	MANITOBA I	R. D. Harris	105
General Notes			116
Editorial			119
ORNITHOLOGICAL LITERATURE			120
Affiliated Societies			128

THE WILSON BULLETIN

is published quarterly in March, June, September, and December, as the official organ of the Wilson Ornithological Club, at Ann Arbor, Michigan, and is sent to all members not in arrears for dues. The subscription price is \$2.00 a year, invariably in advance, in the United States. Single numbers, 50 cents. Outside of the United States the rate is \$2.25. Single numbers, 60 cents. Subscriptions should be sent to the Treasurer.

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 Act of Congress 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, Illinois. First Vice-President—Olin Sewall Pettingill, Jr., Carleton College, Northfield, Minnesota.

Second Vice-President-Harrison F. Lewis, Department of Mines and Resources, Ottawa, Canada.

Treasurer-Milton B. Trautman, Stone Laboratory, Put-in-Bay, Ohio.

Secretary-Maurice Brooks, University of West Virginia, Morgantown, West Virginia.

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 membership, \$5.00; active membership, \$3.00; associate membership, \$2.00.