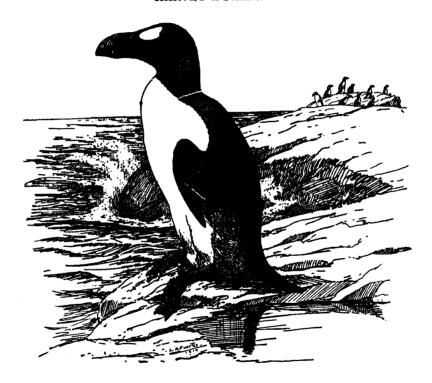
The Auk

A Quarterly Journal of Grnithology

EDITOR HARVEY I. FISHER



VOLUME 66

PUBLISHED BY

The American Ornithologists' Union

LANCASTER, PENNSYLVANIA 1949 DATES OF ISSUE OF 'THE AUK'

Vol. 66, No. 1—February 11, 1949 Vol. 66, No. 2—April 29, 1949 Vol. 66, No. 3—July 22, 1949 Vol. 66, No. 4—October 15, 1949

CONTENTS OF VOLUME 66

NUMBER 1

Life History of the Yellow-thighed Manakin. By Alexander F. Skutch .	1
VARIATION IN Dumetella carolinensis. By A. L. Rand and M. A. Traylor	25
RED BOB-WHITE—A REPORT AND CORRECTION. By Leon J. Cole, Herbert L. Stoddard and E. V. Komarek	28
Distribution of the Races of the Swamp Sparrow. By $W.\ Earl\ Godfrey$.	35
Breeding Birds of Virgin Palouse Prairie. By Leonard Wing	38
THE ANTILLEAN GREBE AT CENTRAL SOLEDAD, CUBA. By Alfred O. Gross	42
Notes on Harpyhaliaetus. By Dean Amadon	53
BIOGRAPHICAL NOTES ON THE PENARD BROTHERS. By Fr. Haverschmidt	56
THE SIXTY-SIXTH STATED MEETING OF THE AMERICAN ORNITHOLOGISTS' UNION. By Olin Sewall Pettingill, Jr	61
Report of the Treasurer, 1948. By Frederick C. Lincoln	70
Officers, Council, Trustees, and Committees of the American Ornithologists' Union, 1949	71
General Notes.—Feather replacement in the macaroni penguin, Eudyptes chr solophus (Brandt); Extension of range of the ringed penguin; Wilson's petrel interior Florida; Death of a brown pelican (Pelecanus occidentalis); Brow pelican on the coast of Surinam, Dutch Guiana; Booby's beak imbedded black marlin's back; The little blue heron in Ontario; Green heron feeds of goldfish; Yellow-crowned night heron in Rockingham County, Virginia; Tr wood ibis in Ontario; Acquired feeding behavior in mallards; Barrow's golded eye near Waddington, New York; Surf scoter records from Georgia; First of currence of the black vulture in Ontario; The Mississippi kite along the Savanna River in Georgia and South Carolina; Ictinia missisippiensis collected in Paraguay; A new hawk from India; Nesting of Swainson's hawk in Illinois; Comparise of 1935, 1940, and 1946 populations of nesting bald eagles in east-central Florida A new button-quail from New Guinea; The status of the spotted rail, Pardiralla maculatus, of Chiapas; The Pacific flyway of the golden plover; Aquatic snai eaten by woodcock; Hoploxypterus cayanus in Colombia; A preening phalaror (Lobipes lobatus); The white-throated pigeon nesting on the ground on New Caldonia; Identity of Trinidad barn owls; Sexual selection in woodpeckers; A flicatcher new to Lower California; Further notes on Empidonax affinis; A polyda tylous jay; January song in black-capped chickadee; Bewick wren and commo rock wren in Douglas County, Kansas; Atypical copulatory behavior of a robin; robin rears a cowbird; More veeries breeding in Washington, D. C.; Magnol warbler at Lexington, Virginia, in winter; Hooded warbler in Calhoun Count.	inningha-channa; silpe-y-cn Aia
Notes and News	96
RECENT LITERATURE	97
OBITUARY.—PIERRE TABOUILLE	12

Opposite Plates page
1. Skutch: Yellow-thighed Manakin
NUMBER 2
Effect of Temperature and Season on Energy Resources of the English Sparrow. By S. Charles Kendeigh
Differences between Migrant and Non-migrant Birds in Food and Water Intake at Various Temperatures and Photoperiods. By Henri C. Seibert
Additional Data on Victims of Parasitic Cowbirds. By Herbert Friedmann 154
Notes on White Spotting and Other Plumage Variations in Geese. By Harold C. Hanson
NEW AVIAN RECORDS FROM NEWFOUNDLAND. By Harold S. Peters and Thomas D. Burleigh
THE DISTRIBUTION AND ABUNDANCE OF SHOREBIRDS ON THE NORTH AND CENTRAL NEW JERSEY COAST, 1928–1938. By Charles A. Urner and Robert W. Storer
General Notes.—An albino common loon; Snowy egrets in Wisconsin; Snowy egrets in Iowa; Young snowy egrets with saffron in plumage; A bittern "pumps" from a perch in a tree; The eastern glossy ibis in Delaware; An abnormality in a Canada goose; Hybrid of snow and Canada goose; Observations on greater snow geese in the Delaware Bay area; Notes on the sexual behavior of the baldpate; The American pintail in the Province of Quebec; European teal in coastal South Carolina; Breeding of the shoveler in New Brunswick; Recent records of the ring-necked duck; Greater scaup eating frogs; Rallus philippensis on Mindoro, Philippine Islands; Southernmost nesting of the Florida gallinule in the United States; The southernmost nesting of the killdeer; Long-billed curlew breeding in Colorado; Status of the upland plover in Lancaster County, Pennsylvania; Flock of northern phalaropes at Daytona Beach, Florida; Glaucous gull in South Carolina; "Puddling"—a method of feeding by herring gulls; Blackheaded gull in Florida; Sooty tern and northern horned lark in South Carolina; Winter record of ivory gulls, St. Jean Port Joli, Quebec; Status of roseate tern as a breeding species in southern United States; Wilson's warbler in Maryland in late December; The Guianan meadowlark in Surinam, Dutch Guiana; Grackle Competition for dogwood fruit; A new goldfinch from Persia; A new rose-finch from Afghanistan; Lark sparrow nesting in southeastern Ohio; Whitewinged junco killed by Clark's nutcracker; Pallas's "Reise"; Relation of the desert ironwood tree to nesting; "Probability" in subspecific determinations: some comments; Papuan dialect names of New Guinea birds 195
Notes and News
RECENT LITERATURE
OBITUARIES.—William Thomas Shaw; John Darlington Carter; Charles Pelham Curtis: George Balch Law 232

Plates Opposit page
1. HANSON: Canada Geese

NUMBER 3
Birds Observed in the Grande Prairie-Peace River Region of North- western Alberta, Canada. By J. Dewey Soper
Mixed Bird Parties in the Tropics, with Special Reference to Northern Rhodesia. By $J.\ M.\ Winterbottom$
Critical Periods and Causes of Death in Avian Embryonic Development. By Alexis L. Romanoff
Success of Marsh Hawk Nests in North Dakota. By Merrill C. Hammond and C. J. Henry
Five New Birds from the Philippines. By E. Thomas Gilliard 27.
TWENTY-FOURTH SUPPLEMENT TO THE AMERICAN ORNITHOLOGISTS' UNION CHECK-LIST OF NORTH AMERICAN BIRDS
General Notes.—Dexterous alighting maneuver of passenger pigeons; Humming bird killed by preying mantis; Hummingbird captured by preying mantis Scissor-tailed flycatcher in southern Louisiana in winter; Muscivora forficata in Florida; Crested flycatchers nesting some distance from their foraging area Probable destruction of queen bees by swallows; Fall aggregations of clif swallows in the Allegheny Mountains; January singing in the black-capped chickadee; Courtship feeding by the Carolina chickadee and tufted titmouse House wrens feeding a cowbird; Catbird's defense behaviorism; Recent emigrations of northern shrikes
Notes and News
RECENT LITERATURE
OBITUARIES.—HUGH STEWART GLADSTONE; GEORGE WASHINGTON GRAY; ARTHUR PATTERSON CHADBOURNE
Plate Opposite page 1. Soper: Lakes in Alberta, Canada
NUMBER 4
Daily and Seasonal Movements of Wisconsin Prairie Chickens. By F. N. Hamerstrom Jr. and Frances Hamerstrom
Some Concepts of Hybridization and Intergradation in Wild Populations of Birds. By Alden H. Miller
THE EGGS AND YOUNG OF THE BRISTLE-THIGHED CURLEW. By Arthur A. Allen and Henry Kyllingstad

North American Bird Migrants in Chile. By $Dillman S. Bullock 351$
Nesting Habits of the Clapper Rail in New Jersey. By Edward L. Kozicky and Francis V. Schmidt
General Notes.—The rose-throated becard, <i>Platypsaris aglaiae</i> , in the lower Rio Grande Valley of Texas; A white cathird nesting in Shrewsbury, Massachusetts; Some central New York records of the black-backed robin; Effect of snow cover on feeding habits of starling in central New York; Sparrow adopts kingbirds; Nelson's sharp-tailed sparrow in West Virginia
Notes and News
Recent Literature
OBITUARIES.—Gregory Macalister Mathews; Frederic Collin Walcott; Benjamin Franklin Bolt; William Coughlin Braislin; Harry Elden Duer; John Pearce; Thomas Calderwood Stephens; Charles Pelham Curtis, a correction 394
Index to Volume 66
Title-page
Dates of Publication
Contents of Volume 66
Corrigenda
Plates Opposite page
1. HAMERSTROM: Prairie Chicken Habitat in Wisconsin
CORRIGENDA
Page 42, line 16: For 'Bang's,' read 'Bangs'.' Page 155, line 4: For 'Cabinis,' read 'Cabanis'.' Page 195, line 11: For 'mucous,' read 'mucus.' Page 200, line 45: For 'Bataan,' read 'Batan.' Page 214, line 24: For 'novae-guineae,' read 'novae-guinae.' Page 232, line 26: For 'in Boston on May 8, 1891,' read 'in Winchester on September 7, 1860.'
Page 232, line 27: For 'he,' read 'Charles Pelham Curtis, Jr.' Page 232, line 28: For 'his,' read 'C. P. Curtis, Senior's.' Page 292, line 35: For 'behaviorism,' read 'behavior.'

THE AUK

A Quarterly Journal of Ornithology

ORGAN OF THE AMERICAN ORNITHOLOGISTS' UNION

For publication in 'The Auk,' articles or notes must present material that has not been published elsewhere and that is of significance to ornithologists. All manuscripts should be typewritten, double spaced, with wide margins. Titles should be brief. Terminal bibliographies are used as a rule for long articles. Where fewer than five references to literature are made, they may be inserted in parentheses in the text. References in manuscript for 'General Notes' must always be in the text. Consult issues of 'The Auk' since January, 1949, for style of citation. Long articles should be summarized briefly. Footnotes, Roman numerals and ruled tables are to be avoided. Acknowledgments belong in the text. Line drawings must be in India ink on white paper or drawing board; usually these should be planned for at must be correspondingly large. Captions must be brief. Photographs must be hard, glossy prints of good contrast. Common and scientific names of North American birds should follow the A. O. U. Check-List except in taxonomic papers giving formal, critical discussions.

Proofs of all articles and notes will be sent to authors. Reprints from articles, 'General Notes,' and 'Correspondence' are to be paid for by the author. These must be ordered from the Editor on the blanks sent with the proof and must be returned with the proof. Printed covers can be furnished at additional cost.

All articles and notes submitted for publication and all books and publications

intended for review should be sent to the Editor,

HARVEY I. FISHER Department of Zoology University of Illinois Urbana, Illinois

Send changes of address, claims for undelivered or defective copies of 'The Auk,' and requests for information relative to advertising, subscriptions, back numbers of 'The Auk,' as well as for other publications of the A. O. U., to the Treasurer and Business Manager,

R. ALLYN MOSER R. F. D. No. 1 Omaha 4, Nebraska

OFFICERS OF THE AMERICAN ORNITHOLOGISTS' UNION

President: ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York 24, New York.

Vice-Presidents: Josselyn Van Tyne, University of Michigan Museum of Zoology, Ann Arbor, Michigan.

ALDEN H. MILLER, University of California Museum of Vertebrate Zoology, Berkeley 4, California.

Secretary: OLIN SEWALL PETTINGILL, JR., Carleton College, Northfield, Minnesota.

Treasurer and Business Manager: R. ALLYN MOSER, R. F. D. No. 1, Omaha 4, Nebraska.

It is now possible for us to offer the following issues of THE AUK at \$2.00 per volume or any three of these volumes for \$5.50: Vol. 48 (1931), Vol. 49 (1932), Vol. 50 (1933), Vol. 51 (1934), Vol. 52 (1935). All these are in original covers. We retain the privilege of withdrawing this offer at any time.

R. ALLYN MOSER

Treasurer and Business Manager
R. F. D. No. 1 Omaha 4, Nebraska

BINOCULARS & FIELD GLASSES

New and Reconditioned

All fully guaranteed

Prism binoculars range from \$27.50 to \$200, and include such diverse models as: Sard 6 x 42 (with maximum light transmission and widest field ever achieved); Bausch & Lomb and Zeiss; several pocket binoculars; all World War II models, etc. 4× field glasses from \$10 to \$15. Money refunded if not satisfied after 10 days trial. Liberal trade-in allowance. Send for our free 3-page list.

BINOCULAR REPAIR SERVICE — We repair and coat all types of glasses. Alignment guaranteed to 1/1,000. Send your glass for free estimate and our free leaflet "These Hard-Coating Jobs."

Read our booklet "The Inside Story of Binoculars"

How to choose, use and check a binocular

Fully illustrated 25c postpaid

MIRAKEL REPAIR COMPANY

Binocular Specialists since 1925 Mount Vernon 10, N. Y.

We Have a Book Catalog for You

Catalogs issued semi-annually—books on birds, mammals and other natural history subjects; current, out-of-print titles, and serials. Catalog sent on request.

We buy natural history books. Generous prices, prompt payment. Sell us your library or duplicate books.

FRED J. PIERCE

Dealer in Natural History Books Winthrop, Iowa