

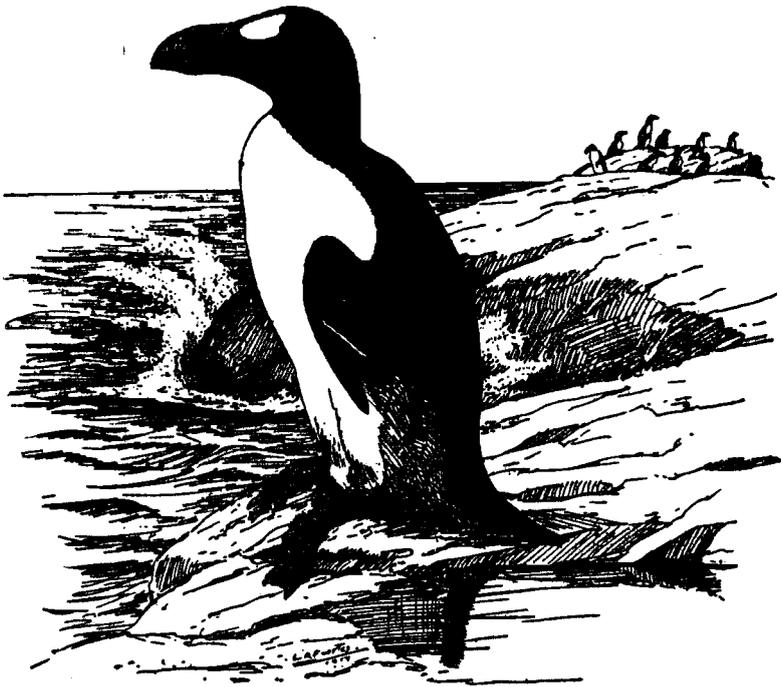
CONTINUATION OF THE  
BULLETIN OF THE NUTTALL ORNITHOLOGICAL CLUB

---

# The Auk

A Quarterly Journal of Ornithology

EDITOR  
JOHN T. ZIMMER



VOLUME 65

---

PUBLISHED BY  
**The American Ornithologists' Union**  
LANCASTER, PENNA.

1948

**DATES OF ISSUE OF 'THE AUK'**

**VOL. 65, No. 1—January 19, 1948**

**VOL. 65, No. 2—May 15, 1948**

**VOL. 65, No. 3—July 27, 1948**

**VOL. 65, No. 4—October 22, 1948**

# CONTENTS OF VOLUME 65

## NUMBER 1

THE TERN COLONIES OF THE DRY TORTUGAS KEYS. By <i>Alexander Sprunt, Jr.</i> (Plates 1, 2) . . . . .	1
THE SEASONS OF BIRD SONG—THE CESSATION OF SONG AFTER THE NESTING SEASON. By <i>Aretas A. Saunders</i> . . . . .	19
OBSERVATIONS ON <i>Nyctibius grandis</i> IN SURINAM. By <i>Fr. Haverschmidt</i> (Plate 3)	30
VARIATION IN THE SPRUCE GROUSE IN CANADA. By <i>A. L. Rand</i> . . . . .	33
NOTES ON BIRDS OF THE PHILIPPINES. By <i>Kenton C. Lint</i> and <i>Ken Stott, Jr.</i> . . . .	41
NESTING BEHAVIOR OF THE POOR-WILL. By <i>Robert T. Orr</i> . . . . .	46
THE FLIGHT OF SWALLOWS. By <i>Charles H. Blake</i> . . . . .	54
THE DISCOVERY OF THE HABITAT OF GOULD'S HUMMINGBIRD, <i>Hylonympha macrocerca</i> . By <i>William H. Phelps</i> and <i>William H. Phelps, Jr.</i> . . . . .	64
ANTING OF FOUR SPECIES OF BIRDS. By <i>Hervey Brackbill</i> . . . . .	66
THE LAST PASSENGER PIGEON. By <i>William C. Herman</i> . . . . .	77
AN EARLY ILLINOIS RECORD OF "CORY'S LEAST BITTERN." By <i>Charles Knapp Carpenter</i> . . . . .	80
PERCY ALGERNON TAVERNER, 1875-1947. By <i>W. L. McAtee</i> (Plate 4) . . . . .	85
THE SIXTY-FIFTH STATED MEETING OF THE AMERICAN ORNITHOLOGISTS' UNION. By <i>Olin Sewall Pettingill, Jr.</i> . . . . .	107
REPORT OF THE TREASURER, 1947. By <i>Frederick C. Lincoln</i> . . . . .	115
REPORT OF THE A. O. U. COMMITTEE ON BIRD PROTECTION FOR 1947 . . . . .	117
GENERAL NOTES.—Small Pine Grosbeaks collected in Tompkins County, New York (Plate 5), 125; The specific name of the Olive Warbler, 126; Rufous Humming- bird at sea, 127; Mourning Warbler trapped and banded during a blizzard, 127; Confusion of eastern Caprimulgidae, 128; The correct name for the "Pauraque," 129; Those tall Sinai quails, 130; American Raven nesting in houses, 130; Green Heron captures flying dragonflies, 132; Triangle spike rush as waterfowl food, 132; Subspecific identities of some winter and transient birds from Virginia, 133; The flight of the Greater Snow Goose in upstate New York, 135; Recent north- ward penetration of the Reddish Egret in Florida, 135; New and unusual North Dakota trapping records, 136; Montana Junco in New York, 138; Escaped paroquets found breeding in Florida, 139; Fresh-water nesting of the Gull-billed Tern in Florida, 139; Wintering of the Gray Kingbird in Florida, 140; Curlew Sandpiper on Galveston Island, 140; Hooded Merganser nesting in Massachu- setts, 141; Black Skimmer and White Pelican in the Bahamas, 142; Additional occurrence of the White-eyed Vireo in Canada, 142; Southernmost penetration of the Starling in the East, 142; Scissor-tailed Flycatcher in Florida, 143; Sooty Shearwater in western North Carolina, 143; The American Egret in New Brun- swick, 143; Waxwings at Columbus, Nebraska, 144; Wood Ibis in western New York, 144; Three new subspecies for Ohio, 144; Northern Pine Siskin in Hamilton County, Ohio, 146; <i>Limnodromus semipalmatus</i> in Arabia, 146; Bohemian Wax- wing at Boothbay, Maine, in July, 146; Barometric pressure patterns in spring migration, 147.	

RECENT LITERATURE . . . . .	148
NOTES AND NEWS . . . . .	166
OBITUARIES.—Alipio de Miranda Ribeiro; Junius Henderson; Frederick Hall Fowler; Franklin Delano Roosevelt, 167.	

---

NUMBER 2

THE NESTING OF <i>REINARDA SQUAMATA</i> (Cassin). By <i>Helmut Sick</i> (Plate 6) . . . . .	169
TWO DAYS WITH A WREN FAMILY. By <i>Minna Anthony Common</i> . . . . .	174
BIRDS IN AN ARMY CAMP. By <i>Lieutenant Vincent P. McLaughlin, Jr.</i> . . . .	180
OBSERVATIONS ON NESTING ASSOCIATES. By <i>J. Southgate Y. Hoyt</i> (Plate 7) . . . .	188
A CHANGING NESTING HABITAT OF THE WOOD DUCK. By <i>T. E. Musselman.</i> . . . .	197
COMPARATIVE STUDY OF THE NESTING BEHAVIOR OF CHESTNUT-SIDED AND NASHVILLE WARBLERS. By <i>Louise de Kiriline Lawrence</i> . . . . .	204
NOTES ON BIRDS OF SANDWICH BAY AND VICINITY, NEWFOUNDLAND LABRADOR. By <i>Virginia Orr</i> . . . . .	220
LIFE HISTORY OF THE GOLDEN-NAPED WOODPECKER. By <i>Alexander F. Skutch</i> . . . .	225
NOTES ON THE BIRDS OF THE STATES OF PERNAMBUCO AND PARAIBA, BRAZIL. By <i>Donald W. Lamm.</i> . . . .	261
GENERAL NOTES.—The races of the Black-crested Baza, 284; Additional light on the races of the Dowitcher, 285; The present status of the Kagu, <i>Rhynochetos</i> <i>jubatus</i> , on New Caledonia, 287; <i>Microsittace</i> not different generically from <i>Ericognathus</i> , 288; <i>Neocichla gutturalis</i> (Bocage) is a starling, 289; A new genus of Sylviidae from the vicinity of Lake Tanganyika, 291; The systematic position of <i>Xenocopsychus ansorgei</i> (Plate 8), 292; Names of the Snowy Owl, 294; On type localities of Catesby, 295; <i>Sarcocystis</i> ( <i>Aspergillus?</i> ) in wood warblers, 295; Parasitic Dipterous larvae from the nasal cavity of a nestling magpie, 296; A contribution to the food habits of the European Magpie ( <i>Pica p. pica</i> ), 297; Marsh Hawk kills Baldpate, 297; Cowbird tragedy at Prothonotary Warbler's nest, 298; Red-winged Blackbird caught in a crotch, 298; Cooper's Hawk 'drowning' its prey, 298; Nocturnal fresh-water wandering of the Black Skimmer, 299; A loose-feathered Nighthawk, 300; Green-tailed Towhee at Northampton, Massachusetts (Plate 9), 301; Sutton's Warbler at Fort Belvoir, Fairfax County, Virginia (Plate 9), 302; An albino Chipping Sparrow, 302; The Golden Plover in south-central Florida, 303; Birds observed in April along the Colorado River from Hite to Lee's Ferry, 303; Sight record of the Man-o'-war-bird in Massa- chusetts, 307; Cerulean Warbler in the District of Columbia, Maryland and Virginia, 307; <i>Pinicola enucleator eschatosus</i> at Madison, Wisconsin, 308; Reddish Egret in central Texas, 308; Late nesting of Ruby-throated Hummingbird at Mt. Lake, Virginia, 308; Brewster's Booby collected in the United States, 309; The Western Lark Sparrow in the Eastern States, 310; Pine Siskins in northern Florida, 311; Summer Tanager in Cook County, Illinois, 311; A correction of first fresh-water nesting of Gull-billed Tern in Florida, 311; The Louisiana Heron in Connecticut, 312; Wilson's Phalarope in the District of Columbia and Vir- ginia, 312; Sharp-tailed Sparrow at Cape Henry, Virginia, 312; A note on the Western Swamp Sparrow ( <i>Melospiza georgiana ericrypta</i> Oberholser), 313; Smooth-billed Ani in Florida, 313; Blue-gray Gnatcatcher in Hampshire County, Massachusetts, 314; Abnormally late occurrence of the Gannet in south Florida, 315; A hybrid Cinnamon Teal-Blue-winged Teal at the Bear River Migratory Bird Refuge, Utah, 316; A melanistic Ruddy Duck at the Bear River Migratory Bird Refuge, Utah, 316; Three new records for British Guiana, 316; Ferruginous	

Rough-leg in Cook County, Illinois, 317; Breeding of the Ring-billed Gull in New York in 1936, 317.

RECENT LITERATURE . . . . .	318
NOTES AND NEWS . . . . .	339
OBITUARIES.—Samuel Henshaw, Aaron Clark Bagg, Ralph Ellis, Jr., Joseph Edward Gould, Ruth Eddy Keyes (Mrs. Charles Frederick Keyes), Michael Jarden Magee, Mrs. Ella Maria Ormsby Marshall, George Marion Riddick, Lillie May Lafferty Stone (Mrs. Witmer Stone), 340	

---

NUMBER 3

BIRD DISTRIBUTION ALONG THE PEACE, SLAVE AND LITTLE BUFFALO RIVERS OF CANADA. By <i>Steven W. Eaton</i> (Plate 10) . . . . .	345
OBSERVATIONS ON CERTAIN BIRDS OF THE REGION OF KODIAK, ALASKA. By <i>Joseph C. Howell</i> . . . . .	352
BARN OWL GROWTH AND BEHAVIORISMS. By <i>Gayle Pickwell</i> (Plate 11) . . . . .	359
THE SEASONS OF BIRD SONG. REVIVAL OF SONG AFTER THE POST-NUPTIAL MOLT. By <i>Aretas A. Saunders</i> . . . . .	373
BIRDS OF THE ALTA LAKE REGION, BRITISH COLUMBIA. By <i>Kenneth Racey</i> . . . . .	383
NOTES ON THE LONGEVITY OF CAPTIVE BIRDS. By <i>Ken Stott, Jr.</i> . . . . .	402
TAXONOMIC NOTES ON THE LAUGHING FALCON. By <i>Pierce Brodkorb</i> . . . . .	406
TWO NEW PERUVIAN HUMMINGBIRDS OF THE GENUS <i>COELIGENA</i> . By <i>John T. Zimmer</i> . . . . .	410
PROBABILITY IN SUBSPECIFIC IDENTIFICATION OF SINGLE SPECIMENS. By <i>A. L. Rand</i> . . . . .	416
THOMAS BARBOUR, 1884—1946. By <i>James L. Peters</i> (Plate 12). . . . .	432
TWENTY-THIRD SUPPLEMENT OF THE A. O. U. CHECK-LIST OF NORTH AMERICAN BIRDS. . . . .	438
GENERAL NOTES.—A new race of bearded bulbul from the Belgian Congo, 444; A new stone sparrow from Persia, 444; The status of <i>Synallaxis sclateri</i> Cabanis, 445; A new name for <i>Xiphorhynchus spixii similis</i> Zimmer, 446; Eastern Goldfinch feeding on June berry, 446; Cowbird behavior, 447; Long-eared Owls and red foxes, 447; Purple Martins killed on a bridge, 448; Unusual nesting behavior of a Wood Duck, 449; Polygamy at a Groove-billed Ani nest, 449; House Finches "drinking" peaches, 450; Wood Duck courting a Mallard, 451; The Quails of the Sinai Peninsula—another interpretation, 451; Abnormal rectrix of a Sparrow Hawk, 452; A partial albino Robin, 453; An albino Cliff Swallow, 453; Orchard Oriole nesting at Madison, Wisconsin, 453; Prothonotary Warbler's nest in Wood County, West Virginia, 454; First record of Anhingidae in Micronesia, 454; Extension of breeding range of the Inca Dove, 455; Hawk Owl in Illinois, 456; Kingbird wintering in Florida, 456; Smith's Longspur in North Carolina, 456; More about the Broad-winged Hawk in South Carolina, 457; The White Pelican in the interior of Chiapas, México, 457; Notes on two species in Puerto Rico, 458; Yellow-headed Blackbird breeding in western Oregon, 458; Florida Gallinule in Utah, 459; Townsend's Warbler in Brooklyn, New York, 459; Glossy Ibis breeding in South Carolina, 459; Oyster-catcher breeding in New Jersey, 460; The range of the Northern Cliff Swallow in Alaska, 460; Breeding of the Cedar Waxwing in Kentucky, 461; Additional recent observations on the	

Smooth-billed Ani in Florida, 463; Common Terns on Labrador, 463; New and interesting records from Colombia, 463.	
NOTES AND NEWS . . . . .	464
RECENT LITERATURE . . . . .	465
OBITUARIES.—Hubert Lyman Clark; William Augustus Jeffries; John Leonard Baer; Stewart Henry Burnham; William Otto Emerson; Charles Eugene Johnson; Harry Howell Kennedy; Gifford Pinchot; Harriet Eliza Richards; Eustace Lowell Sumner; John Douglas Turnbull; William Massey Walker, Jr.; Philip Coates Walton, 490	
A. O. U. AT A GLANCE . . . . .	496
OFFICERS AND COMMITTEES OF THE A. O. U. . . . .	ix
LIST OF MEMBERS . . . . .	xii

---

#### NUMBER 4

A LAST REMNANT OF IVORY-BILLED WOODPECKERS IN CUBA. By <i>John V. Dennis</i> (Plate 13) . . . . .	497
GEOGRAPHIC VARIATION IN <i>EMPIDONAX TRAILLI</i> . By <i>Allan R. Phillips</i> . . . . .	507
THE NESTING OF <i>CHAETURA ANDREI MERIDIONALIS</i> . By <i>Helmut Sick</i> (Plate 14) . . . . .	515
THE BONY PALATE OF BIRDS. PART I. THE PALAEOGNATHAE. By <i>Sam McDowell</i> . . . . .	520
NOTES ON TWO SPECIES OF CALLIPHORIDAE (DIPTERA) PARASITIZING NESTLING BIRDS. By <i>John L. George</i> and <i>Robert T. Mitchell</i> . . . . .	549
OBSERVATIONS ON POPULATIONS OF NORTH PACIFIC PELAGIC BIRDS. By <i>Lee W. Arnold</i> . . . . .	553
NESTING OF THE SPOTTED SANDPIPER AT DETROIT, MICHIGAN. By <i>J. Robert</i> and <i>Jean T. Miller</i> (Plate 15) . . . . .	558
LOUIS JEAN PIERRE VIEILLOT (1748-1831). By <i>Paul H. Oehser</i> (Plate 16) . . . . .	568
PASSERINE BIRD POPULATIONS OF THE SAVANNAH RIVER REFUGE, SOUTH CAROLINA. By <i>Arnold B. Erickson</i> (Plate 17) . . . . .	576
THE BIRD NAVIGATION CONTROVERSY. By <i>Howard T. Odum</i> . . . . .	584
GENERAL NOTES.—The type locality of the Olive Warbler, 598; Note on the identity of <i>Cuculus cornutus</i> L., 598; Male Hudsonian Chickadee feeds mate in mid-air, 598; Mallard nesting in an old Magpie nest, 599; Unusual feeding behavior of a Cape May Warbler, 599; Repeated anting by a Song Sparrow, 600; Gulls feeding on flying ants, 600; Courtship of the Northern Blue Jay, 600; Nest-robbing behavior of the Purple Martin, 600; Baltimore Oriole in Florida, 601; Berry-feeding of the Ring-billed Gull, 601; Loose-feathered birds, 601; Additional instances of paired ovaries in raptorial birds, 602; Heron mortality caused by <i>Eustrongylides ignotus</i> , 602; White-throated or Bat Falcon in Nuevo León, México (Plate 18), 603; Egrets nest along Colorado River (Plate 18), 603; Another Common Tern nest with seven eggs (Plate 18), 604; Western Grebe at Owen Sound, Ontario, 605; Yellow-headed Blackbird on Long Island, 605; Surf-bird and Vermilion Flycatcher in Panamá, 605; Four species of chickadees in Glacier National Park, 606; Stilt Sandpiper and Caspian Tern at Lexington, Virginia, 607; Cape May Warbler breeding in New York State, 607; The Dickcissel on the east coast of	

Florida, 607; Hurricane in southern Florida brings rarities to northern part of state, 608; Chuck-will's-widow at Norman, Indiana, 609; Wilson's Phalarope near Washington, D. C., 609; Gadwall breeding on Long Island, New York, 610; First Long Island breeding record of the Brown Creeper, 612; Painted Redstart in Massachusetts, 613; Bell's Vireo in Connecticut, 613; Scissor-tailed Flycatcher in the Chicago area, 614; The names of the Chilean parrots, 614.

RECENT LITERATURE . . . . .	617
OBITUARIES.—Walter Edward Collinge; Franklin Lorenzo Burns; Benjamin True Gault; Aldo Leopold; Jane Shield Elliott; Allen Frost; William Ellery Hughes; Herbert Newby McCoy; Charles Lincoln Phillips; John W. Snyder; John Wanless; Francis Beach White, 645.	
NOTES AND NEWS . . . . .	652
INDEX TO VOLUME 65. . . . .	655
TITLE-PAGE . . . . .	i
DATES OF PUBLICATION. . . . .	ii
CONTENTS. . . . .	iii
CORRIGENDA. . . . .	viii

---

LIST OF PLATES

Plate	Opposite page
1. SPRUNT: Terns on Dry Tortugas . . . . .	1
2. SPRUNT: Terns on Dry Tortugas . . . . .	16
3. HAVERSCHMIDT: <i>Nyctibius grandis</i> . . . . .	32
4. MCATEE: Percy Algernon Taverner. . . . .	88
5. SUTTON: Pine Grosbeaks. . . . .	125
6. SICK: Nesting of <i>Reinarda squamata</i> . . . . .	169
7. HOYT: Double Mallard nests. . . . .	188
8. CHAPIN: <i>Bessonornis humeralis</i> and <i>Xenocopsychus ansorgei</i> . . . . .	292
9. ELIOT: Green-tailed Towhee. . . . .	301
ABBOTT: Sutton's Warbler. . . . .	301
10. EATON: Scow Channel; Young Golden-eyes; Little Buffalo River. . . . .	345
11. PICKWELL: Barn Owl . . . . .	360
12. PETERS: Thomas Barbour. . . . .	432
13. DENNIS: Cuban Ivory-billed Woodpecker . . . . .	497
14. SICK: Nesting of <i>Chaetura andrei meridionalis</i> . . . . .	516
15. MILLER AND MILLER: Spotted Sandpiper . . . . .	560
16. OEHSER: Louis Jean Pierre Vieillot . . . . .	568
17. ERICKSON: Savannah River Refuge, South Carolina . . . . .	582
18. SUTTON: White-throated Falcon . . . . .	604
MONSON: American Egret nest. . . . .	604
FRY: Common Tern nest with seven eggs . . . . .	604

## CORRIGENDA

- Page 13, line 14: For 'whiles urrounded,' read 'while surrounded.'
- Page 46, line 13: For '*Sarops*,' read '*Sarcops*.'
- Page 107, line 2 from bottom: For 'bancela,' read 'balance.'
- Page 127, line 2 from bottom: For '*philadelphis*,' read '*philadelphia*.'
- Page 135, lines 12, 13: For '*hyperboreus*,' read '*hyperborea*.'
- Page 135, line 29: For '*Dicromanassa*,' read '*Dichromanassa*.'
- Page 148, line 13; For 'corssroads,' read 'crossroads.'
- Page 270, line 9: For '*braziliana*,' read '*brasiliana*.'
- Page 273, line 1: For '*Myromotherula*,' read '*Myrmotherula*.'
- Page 310, line 13 from bottom: For '*strigatus* Swainson' read '*grammacus* [Say].'
- Page 311, lines 14 and 18: For 'Menan,' read 'Manan.'
- Page 311, line 15: For 'Alan,' read 'Allan.'
- Page 312, line 27: For 'Bulletin of the Massachusetts Audubon Society,' read 'Records of New England Birds.'
- Page 312, line 27: For '1917,' read '1945.'
- Page 312, line 28: For '1918,' read '1946.'
- Page 399, line 22: For '*Phencticus elanocephalus*,' read '*Pheucticus melanocephalus*.'
- Page 442, line 25: For 'MACGILLIVRAY'S,' read 'MACGILLIVRAY'S.'
- Page 455, line 7: For '*Scarcafella*,' read '*Scardafella*.'
- Page 464, line 3 from bottom: For 'Dr. Aldo Starker Leopold,' read 'Mr. Aldo Leopold.'

# THE AUK

A Quarterly Journal of Ornithology

ORGAN OF THE AMERICAN ORNITHOLOGISTS' UNION

Manuscripts should be typewritten, double-spaced, if possible. Titles should be brief, within one printed line. Avoid footnotes. References to literature may be inserted in parentheses in the text or listed at the end of the paper; consult recent issues of 'The Auk' for the style of citation used. Long articles should have a brief summary at the end. Mark copy only for *italics*. Avoid Roman numerals and extensive or ruled tables. Line drawings should be in India ink on white paper or cardboard; if reduction will be necessary, details must be correspondingly bold. Captions should be brief; discussions belong in the text. Common and Latin names of North American birds should follow the A. O. U. Check-List except in taxonomic papers giving formal discussions of the changes. Except on request, no proofs of 'General Notes' or short communications will be sent to authors.

Twenty-five reprints of leading articles are furnished authors free of charge. Reprints from 'General Notes,' 'Correspondence,' etc., and those from leading articles in excess of twenty-five must be paid for by the author, and must be ordered from the editor when the manuscript is submitted. Printed covers can be furnished at additional cost.

All articles and communications intended for publication and all books and publications intended for review should be sent to the Editor.

JOHN T. ZIMMER  
*American Museum of Natural History*  
*79th Street and Central Park West*  
*New York 24, N. Y.*

Information relative to advertising, subscriptions, requests for back numbers of 'The Auk,' as well as for other publications of the Union, change of address and remittances should be sent to the Treasurer and Business Manager. Claims for replacement of missing or defective copies of 'The Auk' will not be honored unless received by the Business Manager within six months of publication of the particular number involved.

FREDERICK C. LINCOLN  
*Fish and Wildlife Service*  
*Department of the Interior*  
*Washington 25, D. C.*

---

## OFFICERS OF THE AMERICAN ORNITHOLOGISTS' UNION

*President:* HOYES LLOYD, 582 Mariposa Ave., Rockcliffe Park, Ottawa, Canada.

*Vice-Presidents:* ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York 24, N. Y.

JOSSELYN VAN TYNE, Museum of Zoölogy, University of Michigan, Ann Arbor, Michigan.

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

*Treasurer and Business Manager:* FREDERICK C. LINCOLN, Fish and Wildlife Service, Dept. of the Interior, Washington 25, D. C.

## SPECIAL

### NEW MEMBERS OF THE A. O. U.

The Treasurer and Business Manager has 100 volumes of Vol. 30 (1913) of *The Auk* which will be sold for \$2.00 per volume, just half of the regular price.

This volume contains special articles on the Panama Thrush Warbler, House Finch, Robin, Lloyd's Bush-tit, Sparrow Hawk, Swainson's Hawk, Fox Sparrow, Bittern, Cory's Least Bittern, the Flight of Gulls, Avian Paleontology, Bird Migration, Bird Banding, Anatomy, and Bird Song. Also included are articles on the birds of Labrador, Ontario, Illinois, Florida, Mexico, Long Island, Panama, Okefinokee Swamp, South Dakota, Rhode Island and Maine.

The authors include such well-known ornithologists as Charles W. Townsend, Hubert Lyman Clark, Barton W. Evermann, Robert W. Shufeldt, W. H. Bergtold, Thomas Barbour, Walter B. Barrows, John C. Phillips, E. S. Cameron, Wells W. Cooke, Witmer Stone, James L. Peters, Winsor M. Tyler, J. H. Fleming, Joseph Grinnell, H. S. Swarth, Arthur A. Allen, Horace W. Wright, Francis M. Weston, Oscar E. Baynard, and Arthur H. Norton.

All volumes are in original covers and orders will be numbered and filled according to their date of receipt as *only 100 volumes are included in this offer*.

This offer is made pursuant to an authorization of the Council to reduce the reserve stock. No runs are available at this special price but surplus stocks of other volumes will be offered in this space in future issues of *The Auk*.

Make checks and money orders *payable to the Union* and address Treasurer and Business Manager.

**FREDERICK C. LINCOLN**  
Treasurer and Business Manager

Fish and Wildlife Service  
Department of the Interior  
Washington 25, D. C.