

Old  
Series,  
Vol. XLVIII

CONTINUATION OF THE  
BULLETIN OF THE NUTTALL ORNITHOLOGICAL CLUB

New  
Series,  
Vol. XL

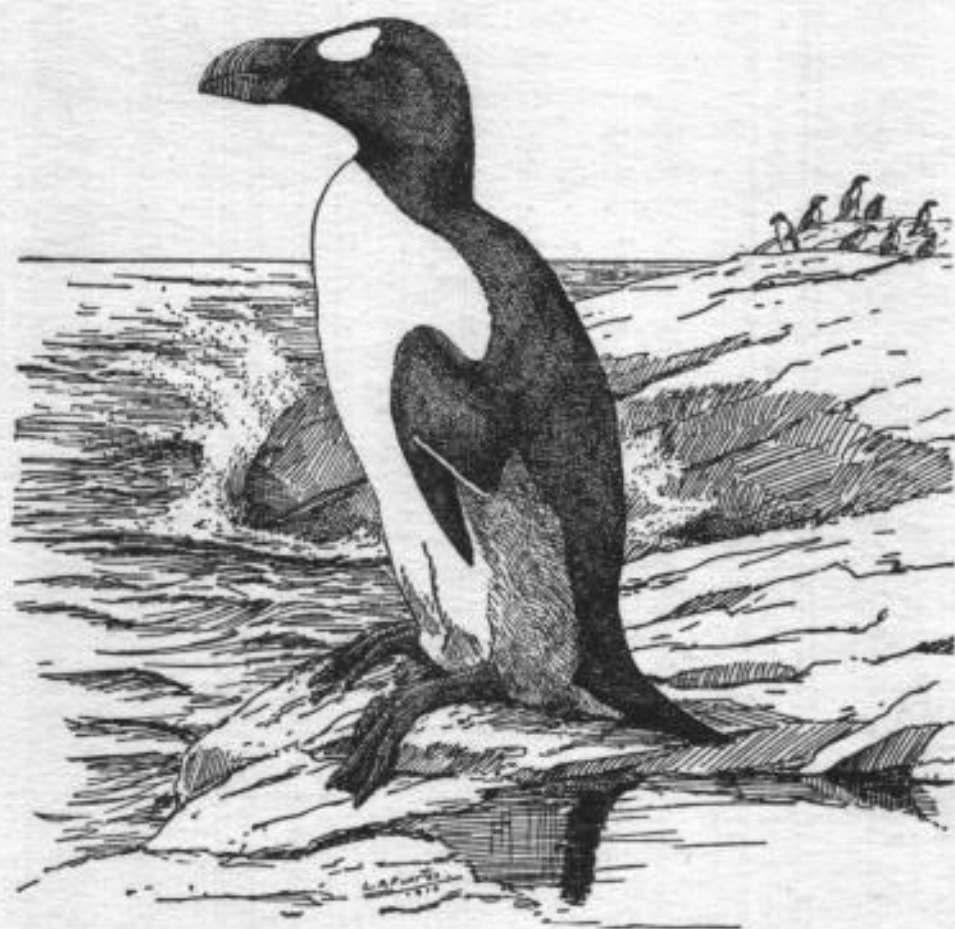
# The Auk

A Quarterly Journal of Ornithology

Vol. XL

JULY, 1923

No. 3



PUBLISHED BY

**The American Ornithologists' Union**

LANCASTER, PA.

Entered as second-class mail matter in the Post Office at Lancaster, Pa.

## CONTENTS

THE SHORT-EARED OWL AS A FOSTER-MOTHER. By <i>Alexander D. DuBois</i> . (Plates XIX-XXII) . . . . .	383
NOTABLE MIGRANTS NOT SEEN AT OUR ARIZONA BIRD TABLE. By <i>Florence Merriam Bailey</i> . (Plate XXIII) . . . . .	393
REASON AND INSTINCT IN BIRD MIGRATION. By <i>N. F. Leopold, Jr.</i> . . . . .	409
ARRIVAL OF BIRDS IN RELATION TO SUNSPOTS. By <i>Ralph E. DeLury</i> . . . . .	414
A NOTE ON THE ECONOMIC STATUS OF THE BALD EAGLE IN ALASKA. By <i>Edward D. Crabb</i> . . . . .	419
A BREWSTER'S WARBLER AND HIS BROOD. By <i>T. Donald Carter</i> and <i>R. H. Howland</i> . (Plate XXIV) . . . . .	423
NOTES ON A PURPLE MARTIN COLONY. By <i>G. Fred Ziegler, Jr.</i> . . . . .	431
BIRD BANDING AS AN AID TO THE STUDY OF MIGRATION. By <i>Harry C. Oberholser</i> . . . . .	436
BIRD BANDING AT THOMASVILLE, GA., 1923. By <i>T. E. Musselman</i> . (Plates XXV-XXVII) . . . . .	442
NOTES ON THE NESTING BIRDS OF NORTHERN SANTA FÉ COUNTY, NEW MEXICO. By <i>J. K. Jensen</i> . (Plates XXVIII-XXIX) . . . . .	452
OBSERVATIONS ON THE BIRD LIFE OF PORTO RICO. By <i>Parke H. Struthers</i> . . . . .	469
NOTES ON SUMMER BIRDS OF THE MAMIE LAKE REGION, WISCONSIN. By <i>Hartley H. T. Jackson</i> . (Plates XXX) . . . . .	478
THE BIRDS OF WELLINGTON AND WATERLOO COUNTIES, ONTARIO. By <i>J. Dewey Soper</i> . . . . .	489
EIGHTEENTH SUPPLEMENT TO THE AMERICAN ORNITHOLOGISTS' UNION CHECK-LIST OF NORTH AMERICAN BIRDS. . . . .	513
GENERAL NOTES.—Notes on the Diving of Loons and Ducks, 525; Western Grebe in Illinois, 526; The Glaucous Gull at Ithaca, N. Y., 526; Concerning the Field Identification of the Anatidae, 526; Ducks useful in Arkansas as Scavengers of Red Rice, 527; The Harlequin Duck in Massachusetts, 528; Occurrence of the Barnacle Goose on Long Island, 528; Snow Goose in the Cayuga Lake Basin, 529; Baird's Sandpiper in Dutchess County, N. Y. with Remarks on its Identification in Life, 529; The Passenger Pigeon ( <i>Ectopistes migratorius</i> ) in North Carolina, 530; Mourning Dove at Cap Rouge, Quebec, 532; Breeding of the Goshawk in Massachusetts, 532; Long-eared Owls Wintering at Evansburg, Pa., 533; Pileated Woodpecker in Connecticut and New Jersey, 533; The Red-naped Sapsucker in Oklahoma, 534; Another Three-toed Woodpecker in Michigan, 534; Observations on the Habits of the Whip-poor-will, 534; Gray Kingbird ( <i>Tyrannus dominicensis</i> ) at Cape May, N. J., 536; The Starling in Norfolk, Va., 536; Notes on a Sparrow Roost, and the Arrival of the Starling in Wisconsin, 537; The Starling ( <i>Sturnus vulgaris</i> ) Breeding at Hatley, Quebec, 539; A Double Song of the Cardinal, 539; Dickcissel in Central Park, New York City, 541; Habits of the Northern Shrike in Captivity, 542; The Prothonotary Warbler at New York City, 543; Bay-breasted Warbler at Atlanta, Ga., 543; Yellow-throated Warbler again at Cape May, N. J., 543; Bewick's Wren ( <i>Thryomanes b. bewicki</i> ) in Clarendon Co., S. C., 544; Blue-gray Gnatcatcher in Dutchess Co., N. Y., 544; Wheatear at Godbout, Quebec, 544; Nesting of the Hermit Thrush at West Brookfield, Mass., 545; Some Unusual Occurrences in Eastern Vermont, 546; Further Notes on Lake County, Minn., Birds, 547.	
RECENT LITERATURE.—Barbour's 'Birds of Cuba,' 548; Horsfield's 'Sidelights on Birds,' 549; Witherby's 'Handbook of British Birds,' 550; Lonberg on Palaearctic Goshawks, 551; Todd on the Genus <i>Arremonops</i> , 551; Reports of the Roosevelt Wild Life Station, 551; Recent Papers by Bangs and Penard, 552; Griscom on New Birds, 553; Townsend on Birds collected in Lower California, 553; Mailliard on Field Work in Northern California, 553; New Argentine Birds, 553; Wetmore on Migration Records from Birds Banded at Salt Lake, Utah, 554; Chapin on African Birds, 554; Chapman on the Distribution of the Motmots, 555; Cockerell on the Plumage of <i>Diatryma</i> , 555; Stoner on Bird Banding and Incidental Studies, 556; Hartert et al. on the Birds of Northern Africa, 556; Rothschild on Birds from Yunnan, 556; Mathews' 'The Birds of Australia,' 556; Economic Ornithology in Recent Entomological Publications, 557; Success in Prairie Tree Planting, 560; Another Insect Birds should not Eat, 560; The Ornithological Journals, 560; Ornithological Articles in Other Journals, 566.	
CORRESPONDENCE.—The Heath Hen, 568; Blue Feathers, 569; Protecting Nesting Sites, 571; Up to date Names, 571.	
NOTES AND NEWS.—The A. O. U. Meeting, 572; Obituaries—James H. Langille, 572; Howard Eaton, 573; William W. Arnold, 574; A Wilson Tablet, 575; Bird Protection in Poland, 575; Bengt Berg—personal mention, 576.	