## The Auk

A Quarterly Journal of Ornithology

VOL. 95 No. 4 OCTOBER 1978



## CONTENTS

Breeding Behavior of the Harpy Eagle (Harpia harpyja). Neil L. Rettig
THE ENERGETIC CONSEQUENCES OF INCUBATION FOR TWO PASSERINE SPECIES. Glenn E. Walsberg and James R. King
CLUTCH Size Variation in the Eastern Phoebe in Southern Indiana. Harmon P. Weeks, Jr.
ACTIVITY BUDGETS, ENERGY EXPENDITURES, AND ENERGY INTAKES OF NESTING FERRUGINOUS HAWKS. James S. Wakeley
COMMENSALISM IN THE LITTLE BLUE HERON. James A. Kushlan
STILL ANOTHER PARULID INTERGENERIC HYBRID (Mniotilta × Dendroica) AND ITS TAXO- NOMIC AND EVOLUTIONARY IMPLICATIONS. Kenneth C. Parkes
GENETIC VARIATION AND DIFFERENTIATION IN THE PARULIDAE. George F. Barrowclough and Kendall W. Corbin
COMPLEX SINGING BEHAVIORS AMONG Cistothorus WRENS. Donald E. Kroodsma and Jared Verner
REORIENTATION OF NOCTURNAL LANDBIRD MIGRANTS OVER THE ATLANTIC OCEAN NEAR NOVA SCOTIA IN AUTUMN. W. John Richardson
FEEDING HABITAT USE BY COLONIALLY-BREEDING HERONS, EGRETS, AND IBISES IN NORTH CAROLINA. Thomas W. Custer and Ronald G. Osborn
SHORT COMMUNICATIONS
Interspecific Nest Parasitism in the Savannah Sparrow. Patrick J. Weatherhead and Raleigh J. Robertson  First United States Record of Paint-billed Crake (Neocrex erythrops). Keith A. Arnold  A Nesting Threesome of Lapland Longspurs. Gerard W. Beyersbergen  Diurnal Behavior of an Eurasian Woodcock (Scolopax rusticola). Sheldon R. Severinghaus  Notes on the Standard Body Measurements of Two Populations of Herring Gulls (Larus argentatus). William Thresfull
and David D. Jewer  Individual Differences in the Head and Neck Plumage of Ruddy Turnstones (Arenaria interpres) during the Breeding Season. Peter N. Ferns
Overnight Weight Loss in Dark-eyed Juncos Junco hyemalis). Ellen D. Ketterson and Val Nolan Jr.
Intersong Interval and Song Pattern Variability in the Five-striped Sparrow. Kathleen Groschupf and G. Scott Mills
Crows use Automobiles as Nutcrackers. David B. Grobecker and Theodore W. Pietsch
Egg Retrieval by Incubating White-tailed Ptarmigan. Kenneth M. Giesen
Blue-faced Boobies at an Oil Production Platform. Brent Orlego
Migrational Homing of Male Gadwalls to Breeding Grounds. Robert J. Blokm
Greater Ani (Crotophaga major) in Mexico. Storrs L. Olson
A Helper at a Tufted Titmouse Nest. Melinda F. Davis
Frugivory by Swallow-tailed Kites in Costa Rica. William H. Buskirk and Margaret Lechner

(Continued on inside front cover)

PUBLISHED BY

THE AMERICAN ORNITHOLOGISTS' UNION Washington, D.C.

REVIEWS. Edited by Walter Bock		769
AOU News		702
Notes and News	655, 666,	676
INDEX TO VOLUME 95		779

## THE AMERICAN ORNITHOLOGISTS' UNION

(FOUNDED 1883)

## OFFICERS FOR 1978-79

President: Harrison B. Tordoff, Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota 55455.

Honorary President: ALEXANDER WETMORE, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560.

President-Elect: James R. King, Laboratory of Zoophysiology, Washington State University, Pullman, Washington 99163.

Vice-President: Frances C. James, Department of Biological Science, The Florida State University, Tallahassee, Florida 32306.

Editor of The Auk: John A. Wiens, Department of Biology, University of New Mexico, Albuquerque, New Mexico 87131.

Secretary: Kendall W. Corbin, Bell Museum of Natural History, University of Minnesota, Minnesota, Minnesota 55455.

Treasurer: Joel Crackaft, Department of Anatomy, University of Illinois at the Medical Center, Chicago, Illinois 60680.

Editor of Ornithological Monographs: MERCEDES S. FOSTER, Museum of Vertebrate Zoology, University of California, Berkeley, California 94720.

Persons interested in birds are invited to join The American Ornithologists' Union by writing the Treasurer. Dues are \$18 per year (\$16 for new members); student memberships are \$14 (\$12 for new members). All members receive THE AUK. Subscription price to institutions and nonmembers is \$20. For single copies and back issues write the Treasurer. A Life Membership is \$480, paid in one lump sum or in four installments of \$120. Any person may become a Patron with a gift or bequest of \$1,000, or a Benefactor with a gift or bequest of \$10,000. The names of Patrons and Benefactors are inscribed in perpetuity in the records. Contributions to the A.O.U. are tax deductible.

Send changes of address or requests for information on advertising, subscriptions, back issues, or undelivered issues of THE AUK to the Treasurer. Information on or orders for ORNITHOLOGICAL MONOGRAPHS and other special publications may be obtained from Glen E. Woolfenden (address above). Communications may also be routed through the Union's permanent address: National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560.

Published quarterly (January, April, July, and October) by the American Ornithologists' Union. Business office: Joel Cracraft, Treasurer, Department of Anatomy, 1853 W. Polk St., University of Illinois at the Medical Center, Chicago, Illinois 60680. Printed by Allen Press Inc., Lawrence, Kansas, U.S.A. 66044. Second-class postage paid at Chicago, Illinois and at additional mailing office. Copyright 1978 by The American Ornithologists' Union. All rights reserved. Printed in U.S.A.