The Wilson Bulletin

PUBLISHED BY THE WILSON ORNITHOLOGICAL SOCIETY WEST VIRGINIA U. . MORGANTOWN, W. VA.

VOL. 83, NO. 4

DECEMBER 1971

PAGES 341-468



THE WILSON ORNITHOLOGICAL SOCIETY FOUNDED DECEMBER 3, 1888

Named after ALEXANDER WILSON, the first American Ornithologist.

- President-Pershing B. Hofslund, Dept. of Biology, University of Minnesota Duluth, Duluth, Minnesota 55812.
- First Vice-President-Kenneth C. Parkes, Carnegie Museum, Pittsburgh, Pennsylvania 15213.
- Second Vice-President-Andrew J. Berger, Dept. of Zoology, University of Hawaii, Honolulu, Hawaii 96822.
- Secretary-James Tate, Jr., Laboratory of Ornithology, Cornell University, Ithaca, New York 14850.
- Treasurer-William A. Klamm, 2140 Lewis Drive, Lakewood, Ohio 44107.
- Elected Council Members—Ernest P. Edwards (term expires 1972); Elden W. Martin (term expires 1973); Robert D. Burns (term expires 1974).

Membership dues per calendar year are: Active, \$8.00; Sustaining, \$15.00; Life memberships, \$200 (payable in four installments). THE WILSON BULLETIN is sent to all members not in arrears for dues.

THE JOSSELYN VAN TYNE MEMORIAL LIBRARY

The Josselyn Van Tyne Memorial Library of the Wilson Ornithological Society, housed in the University of Michigan Museum of Zoology, was established in concurrence with the University of Michigan in 1930. Until 1947 the Library was maintained entirely by gifts and bequests of books, reprints, and ornithological magazines from members and friends of the Society. Now two members have generously established a fund for the purchase of new books; members and friends are invited to maintain the fund by regular contribution, thus making available to all Society members the more important new books on ornithology and related subjects. The fund will be administered by the Library Committee, which will be happy to receive suggestions on the choice of new books to be added to the Library. William A. Lunk, University Museums, University of Michigan, is Chairman of the Committee. The Library currently receives 104 periodicals as gifts and in exchange for The Wilson Bulletin. With the usual exception of rare books, any item in the Library may be borrowed by members of the Society and will be sent prepaid (by the University of Michigan) to any address in the United States, its possessions, or Canada. Return postage is paid by the borrower. Inquiries and requests by borrowers, as well as gifts of books, pamphlets, reprints, and magazines, should be addressed to "The Josselyn Van Tyne Memorial Library, University of Michigan Museum of Zoology, Ann Arbor, Michigan." Contributions to the New Book Fund should be sent to the Treasurer (small sums in stamps are acceptable). A complete index of the Library's holdings was printed in the September 1952 issue of The Wilson Bulletin and newly acquired books are listed periodically.

THE WILSON BULLETIN

The official organ of the Wilson Ornithological Society, published quarterly, in March, June, September, and December, at Morgantown, West Virginia. The subscription price, both in the United States and elsewhere, is \$10.00 per year. Single copies, \$2.50. Subscriptions, changes of address and claims for undelivered copies should be sent to the Treasurer. Most back issues of the Bulletin are available (at \$2.50 each) and may be ordered from the Treasurer. Special prices will be quoted for quantity orders.

All articles and communications for publications, books and publications for reviews should be addressed to the Editor. Exchanges should be addressed to The Josselyn Van Tyne Memorial Library, Museum of Zoology, Ann Arbor, Michigan.

Second class postage at Lawrence, Kansas, U.S.A. 66044

Allen Press, Inc., Lawrence, Kansas 66044

THE WILSON BULLETIN

A QUARTERLY MAGAZINE OF ORNITHOLOGY

Published by The Wilson Ornithological Society

Vol. 83, No. 4

DECEMBER 1971

Pages 341-468

CONTENTS	
Blue Jay \times Steller's Jay (Cyanocitta cristata \times Cyanocitta stelleri) Hybrid, Color photo by Pat Wheat facing page	343
Hybrid Jays in Colorado	343
Parental Care and Nesting in the Rufous-throated Antbird, Gymnopithys rufigula, in Amapá, Brazil Yoshika Oniki	347
Some New Perspectives on the Breeding Ecology of Common Grackles	352
Size, Migration Pattern, and Structure of Fall and Early Winter Blackbird and Starling Populations in Western Oklahoma Stephen V. Goddard	371
Seasonal Change in the Breeding Behavior of the Male Redwinged Blackbird	383
Some Patterns of Woodcock Activities on Maine Summer Fields William B. Krohn	396
THE NESTING, REPRODUCTIVE PERFORMANCE, AND CHLORINATED HYDRO- CARBON RESIDUES IN THE RED-TAILED HAWK AND GREAT HORNED OWL IN SOUTH-CENTRAL MONTANA	400
John C. Seidensticker IV and Harry V. Reynolds III THE THREE-BIRD CHASE IN MOURNING DOVES	408 419
·	419
FIELD CRITERIA FOR DETERMINING INCUBATION STAGE IN EGGS OF THE COMMON TERN	425
Some Views on Exotic Waterfowl	430
General Notes	

CASSIN'S SPARROW PARASITIZED BY COWBIRD Hugh E. Kingery and Paul R. Julia WINTER NESTING ATTEMPTS IN GREAT-TAILED GRACKLES Donald W. Coon, Robert F. Gotie, and Keith A. Arnol BLUEBIRDS SUCCESSFULLY NEST IN HOUSE UNDER CONSTRUCTION Amelia R. Laske PREDATION ON SNAKES BY EASTERN BLUEBIRD AND BROWN THRASHER Annette B. Flaniga CLICKING IN THE EGG-YOUNG OF THE LONG-BILLED CURLEW Dennis M. Forsyth FLASHES OF WHITE IN THE WINGS OF OTHER SPECIES ELICIT TERRITORIAL BEHAVIOR IN A MOCKINGBIRD — Helmut C. Mueller and Nancy S. Muelle ROBINS NIGHT-ROOSTING IN OPEN FIELDS William L. Anderson, Stanley L. Etter, and G. Blair Josely FURTHER NOTES ON THE JUVENAL PLUMAGE OF THE SPOTTED RAIL (RALLUS MACULATUS) — Robert W. Dickerman and F. Haverschmid
Donald W. Coon, Robert F. Gotie, and Keith A. Arnold Bluebirds successfully nest in house under construction Amelia R. Laske Predation on snakes by eastern bluebird and brown thrasher Annette B. Flaniga Clicking in the egg-young of the long-billed curlew Dennis M. Forsyth Flashes of white in the wings of other species elicit territorial Behavior in a mockingbird Helmut C. Mueller and Nancy S. Muelle Robins night-roosting in open fields William L. Anderson, Stanley L. Etter, and G. Blair Josely further notes on the juvenal plumage of the spotted rail
Amelia R. Laske PREDATION ON SNAKES BY EASTERN BLUEBIRD AND BROWN THRASHER Annette B. Flaniga CLICKING IN THE EGG-YOUNG OF THE LONG-BILLED CURLEW Dennis M. Forsyth FLASHES OF WHITE IN THE WINGS OF OTHER SPECIES ELICIT TERRITORIAL BEHAVIOR IN A MOCKINGBIRD — Helmut C. Mueller and Nancy S. Muelle ROBINS NIGHT-ROOSTING IN OPEN FIELDS William L. Anderson, Stanley L. Etter, and G. Blair Josely FURTHER NOTES ON THE JUVENAL PLUMAGE OF THE SPOTTED RAIL
Annette B. Flaniga CLICKING IN THE EGG-YOUNG OF THE LONG-BILLED CURLEW Dennis M. Forsyth FLASHES OF WHITE IN THE WINGS OF OTHER SPECIES ELICIT TERRITORIAL BEHAVIOR IN A MOCKINGBIRD Helmut C. Mueller and Nancy S. Muelle ROBINS NIGHT-ROOSTING IN OPEN FIELDS William L. Anderson, Stanley L. Etter, and G. Blair Josely FURTHER NOTES ON THE JUVENAL PLUMAGE OF THE SPOTTED RAIL
Dennis M. Forsyth FLASHES OF WHITE IN THE WINGS OF OTHER SPECIES ELICIT TERRITORIAL BEHAVIOR IN A MOCKINGBIRD Helmut C. Mueller and Nancy S. Muelle ROBINS NIGHT-ROOSTING IN OPEN FIELDS William L. Anderson, Stanley L. Etter, and G. Blair Josely FURTHER NOTES ON THE JUVENAL PLUMAGE OF THE SPOTTED RAIL
BEHAVIOR IN A MOCKINGBIRD — Helmut C. Mueller and Nancy S. Mueller Robins night-roosting in open fields William L. Anderson, Stanley L. Etter, and G. Blair Josely FURTHER NOTES ON THE JUVENAL PLUMAGE OF THE SPOTTED RAIL
William L. Anderson, Stanley L. Etter, and G. Blair Josely further notes on the juvenal plumage of the spotted rail
Ornithological News
Ornithological Literature
Bertel Bruun, The Hamlyn Guide to Birds of Britain and Europe, reviewed by Stuart Keith; Olin Sewall Pettingill, Jr., Ornithology in Laboratory and Field, reviewed by Oscar T. Owre; Donald S. Heintzelman, The Hawks of New Jersey, reviewed by Walter R. Spofford; Jared Verner and Mary Willson, Mating Systems, Sexual Dimorphism, and the Role of Male North American Passerine Birds in the Nesting Cycle, reviewed by Val Nolan, Jr Allegra Collister, Birds of Rocky Mountain National Park, reviewed by Peter Stettenheim.