

**LIBRARY**

SEP 10 1973

UNIVERSITY OF IDAHO

**THE  
CONDOR**

Volume 75

Autumn 1973

Number 3



**JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY**

# COOPER ORNITHOLOGICAL SOCIETY

## OFFICERS

- President:* WILLIAM H. BEHLE, Biology Building, University of Utah, Salt Lake City, Utah 84112.  
*Vice-president:* HAROLD F. MAYFIELD, 9235 River Road, Waterville, Ohio 43566.  
*Secretary:* J. DAVID LIGON, Department of Biology, University of New Mexico, Albuquerque, New Mexico 87106.  
*Assistant Secretary:* RUSSELL P. BALDA, Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona 86001.  
*Treasurer:* JANE R. DURHAM, Oakland Museum, Natural Sciences Division, 1000 Oak Street, Oakland, California 94607.  
*Assistant Treasurer:* JAMES G. MILLER, Department of Zoology, University of California, Los Angeles, California 90024.  
*Editor, The Condor:* FRANCIS S. L. WILLIAMSON, Chesapeake Bay Center for Environmental Studies, Smithsonian Institution, Route 4, Box 622, Edgewater, Maryland 21037.  
*Editor, Pacific Coast Avifauna:* TOM J. CADE, Laboratory of Ornithology, Cornell University, Ithaca, New York 14850.

## BOARD OF DIRECTORS

- |                    |                    |                          |
|--------------------|--------------------|--------------------------|
| TOM J. CADE        | EUGENE EISENMANN   | STEPHEN M. RUSSELL       |
| JOHN DAVIS         | ED N. HARRISON     | KENNETH E. STAGER        |
| BARBARA B. DEWOLFE | HAROLD F. MAYFIELD | FRANCIS S. L. WILLIAMSON |

## COUNCIL

- JOHN WILLIAM HARDY, *President*  
NICHOLAS E. COLLIAS, *Vice-president*  
MIKLOS D. F. UDVARDY, *Secretary*

- |                    |                       |                          |
|--------------------|-----------------------|--------------------------|
| M. DALE ARVEY      | EUGENE EISENMANN      | SIDNEY B. PEYTON         |
| RUSSELL P. BALDA   | WILSON C. HANNA       | FRANK RICHARDSON         |
| PAUL H. BALDWIN    | ED N. HARRISON        | STEPHEN M. RUSSELL       |
| DON BLEITZ         | THOMAS R. HOWELL      | STEPHEN B. RUTH          |
| WALTER BOCK        | NED K. JOHNSON        | KENNETH E. STAGER        |
| TOM J. CADE        | GEORGE H. LOWERY, JR. | ROBERT M. STEWART        |
| GENE M. CHRISTMAN  | HAROLD F. MAYFIELD    | LASZLO J. SZIJJ          |
| HOWARD L. COGSWELL | L. RICHARD MEWALDT    | HARRIET P. THOMAS        |
| GERALD COLLIER     | MARTIN L. MORTON      | JACK C. VON BLOEKER, JR. |
| JOHN DAVIS         | JAMES R. NORTHERN     | STUART L. WARTER         |
| BARBARA B. DEWOLFE | GORDON H. ORIAN       | FRANCIS S. L. WILLIAMSON |
| KEITH L. DIXON     | ROBERT T. ORR         | LARRY L. WOLF            |
|                    | KENNETH C. PARKES     | SHERWIN F. WOOD          |

## MEMBERSHIP

Any person interested in the study and advancement of ornithology may become a member if endorsed by a regular member. Dues are as follows: regular members, \$8.00 per year, of which \$6.00 are for a year's subscription to THE CONDOR; student members, \$5.00 per year; sustaining members, \$10.00 per year; contributing members, \$25.00 per year. Members of all classes receive THE CONDOR.

The life membership fee is \$250.00 and the patron's membership fee is \$1000.00. No additional dues are required. The money from both life and patron's membership fees is invested and only the earning therefrom is used to help defray expenses.

Send payment for dues, notices of change of address, and requests for information concerning memberships to Jane R. Durham, Treasurer, Oakland Museum, Natural Sciences Division, 1000 Oak Street, Oakland, California 94607.

## DIVISIONS

Two divisions of the Society in California hold regular meetings open to members and guests.

**Northern Division.** *President:* Miklos D. F. Udvardy, Dept. Biol. Sci., Sacramento St. Coll., Sacramento, Calif. 95819. *Secretary:* Harris J. Keston, Department of Biology, San Francisco State College, 1600 Holloway Ave., San Francisco, California 94127.

**Southern Division.** *President:* Stuart L. Warter, Department of Biology, California State College, Long Beach, California 90804.

## PUBLICATIONS

THE CONDOR is a journal published quarterly. Subscription price to institutions and non-members, \$15.00 per volume, payable in advance. Single copies, \$4.00 each. Subscription orders should be sent to the Treasurer (address above). Send orders for single copies to the Assistant Treasurer (see above).

PACIFIC COAST AVIFAUNA is a series of longer contributions, published at irregular intervals. Inquiries concerning manuscripts should be addressed to the Editor, Tom J. Cade, Laboratory of Ornithology, Cornell University, Ithaca, New York 14860. Issues may be purchased from the Assistant Treasurer of the Society (see back cover of this journal).

# THE CONDOR

JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY

Volume 75, Number 3

Issued 31 August 1973

Editor: FRANCIS S. L. WILLIAMSON

Assistant Editor:

MARGARET U. CHAMBERS

Editorial Assistants:

ROSE ANN TILTON

PATRICIA MEHLHOP

Chesapeake Bay Center for Environmental Studies

Smithsonian Institution

Route 4, Box 622

Edgewater, Maryland 21037

## CONTENTS

- 259 Bioenergetics of Nestling Red-backed Shrikes (*Lanius collurio*)  
BARBARA DIEHL and ANDRZEJ MYRCHA
- 265 The Galápagos Avifauna  
M. P. HARRIS
- 279 Temperature Modulation of Photoperiodically Induced Vernal Phenomena in White-crowned Sparrows (*Zonotrichia leucophrys*)  
ROBERT A. LEWIS and DONALD S. FARNER
- 287 Pterylosis and Timing of Molt of the Water Pipit  
NICHOLAAS A. M. VERBEEK
- 293 The Digestion and Intake of Winter Foods by Wild Ptarmigan in Alaska  
ROBERT MOSS
- 301 The Relationships of the Wood Thrush (*Hylocichla mustelina*): Some Indications from the Electrophoresis of Blood Proteins  
H. T. HENDRICKSON and MARIE YOW
- 306 DDE in a Resident Aleutian Island Peregrine Population  
CLAYTON M. WHITE, WILLIAM B. EMISON and FRANCIS S. L. WILLIAMSON
- 312 Variations in Weight of Blue Grouse (*Dendragapus obscurus*)  
J. A. REDFIELD
- 322 The Scaled Quail (*Callipepla squamata*) of the Southwest: Systematic and Historical Consideration  
AMADEO M. REA
- 330 The Fasting Metabolism of Subadult Mallards Acclimatized to Low Ambient Temperatures  
KIRTLAND G. SMITH and HAROLD H. PRINCE
- 336 Reproductive Condition and Other Features of Shorebirds Resident at Eniwetok Atoll During the Boreal Summer  
OSCAR W. JOHNSON

(Continued on next page)

## SHORT COMMUNICATIONS

- 344 Plastic Particle Pollution of the Surface of the Atlantic Ocean: Evidence from a Seabird  
STEPHEN I. ROTHSTEIN
- 345 An Albinistic Blue Grouse from Colorado  
CLAIT E. BRAUN and RONALD G. BLUMBERG
- 346 Territorial and Feeding Activity of Broad-tailed Hummingbirds (*Selasphorus platycercus*) in *Iris missouriensis*  
DAVID L. LYON
- 349 Unusual Attack of Intruding Male on a Nesting Pair of Pileated Woodpeckers  
LAWRENCE KILHAM
- 350 Virginia Rail and Cape May Warbler in Chiapas, México  
LAURENCE C. BINFORD
- 351 Cooling Rates and Development of Homeothermy in the Brown-headed Cowbird (*Molothrus ater ater*)  
CHARLES M. NEAL
- 352 Unusual Feeding Behavior of Great Blue Herons and Common Egrets  
JAN G. REESE
- 353 New Records of Mourning Doves in Southcentral and Interior Alaska  
ROBERT B. WEEDEN and LOYAL JOHNSON
- 354 Geographic and Seasonal Variation in the Occurrence of Incompletely Pneumatized Skulls in the House Sparrow  
DAVID M. NILES
- 356 Cliff Swallow Colony in Arctic Alaska  
BRYAN L. SAGE
- 357 Pelicans in the City of Lima, Peru  
CHARLES F. LECK
- 357 Some Birds of Isla Punta Arenas, Pacific Coast, Colombia  
CAROL P. RALPH and STEPHEN J. CHAPLIN
- 359 White-tailed Kite Predation on a Fluctuating Vole Population  
REY C. STENDELL and PHILIP MYERS
- 360 Breeding of Say's Phoebe in Arctic Alaska  
TOM J. CADE and CLAYTON M. WHITE
- 361 A Review of the White-breasted Wood-wrens of México and Central America  
ROBERT W. DICKERMAN
- 363 Four New Migrants for Costa Rica  
WILLIAM H. BUSKIRK
- 364 Descriptions of an Aerial-predator Alarm Call for Mallard (*Anas platyrhynchos*) Ducklings  
E. E. STARKEY and J. F. STARKEY
- 367 News and Notes
- 368 The Bulletin Board