# CONDOR

Volume 73 Winter 1971 Number 4 BRARY DEC1 1971 **INIVERSITY OF IDAHO** 

**JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY** 

## COOPER ORNITHOLOGICAL SOCIETY

#### OFFICERS

President: L. RICHARD MEWALDT, Avian Biology Laboratory, San Jose State College, San Jose, California 95114.

Vice-president: JOHN DAVIS, Hastings Natural History Reservation, Star Route Box 80, Carmel Valley, California 93924.

Secretary: WILLIAM H. BEHLE, Biology Building, University of Utah, Salt Lake City, Utah 84112. Assistant Secretary: KEITH L. DIXON, Department of Zoology, Utah State University, Logan, Utah 84321. Treasurer: JANE R. DURHAM, Oakland Museum, Natural Sciences Division, 1000 Oak Street, Oakland, Cali-

fornia 94607. Assistant Treasurer: JAMES G. MILLER, Department of Zoology, University of California, Los Angeles, California 90024.

Editor, The Condor: RALPH J. RAITT, Department of Biology, New Mexico State University, Las Cruces, New Mexico 88001.

Editor, Pacific Coast Avifauna: TOM J. CADE, Laboratory of Ornithology, Cornell University, Ithaca, New York 14850.

### BOARD OF DIRECTORS

TOM J. CADE	EUGENE EISENMANN	FRANK RICHARDSON
JOHN DAVIS	OLIVER P. PEARSON	ROBERT W. STORER
KEITH L. DIXON	RALPH J. RAITT	MIKLOS D. F. UDVARDY

#### COUNCIL

KENNETH E. STAGER, President JOHN WILLIAM HARDY, Vice-president MIKLOS D. F. UDVARDY, Secretary

M. DALE ARVEY PAUL H. BALDWIN DON BLEITZ WALTER BOCK GENE M. CHRISTMAN HOWARD L. COGSWELL NICHOLAS E. COLLIAS GERALD COLLIER JOHN DAVIS KEITH L. DIXON WILSON C. HANNA ED N. HARRISON THOMAS R. HOWELL NED K. JOHNSON GEORGE H. LOWERY, JR. HAROLD F. MAYFIELD L. RICHARD MEWALDT MARTIN L. MORTON JAMES R. NORTHERN ROBERT T. ORR SIDNEY B. PEYTON FRANK A. PITELKA STEPHEN B. RUTH ROBERT M. STEWART LASZLO J. SZIJJ HARRIET P. THOMAS JACK C. VON BLOEKER, JR. STUART L. WARTER 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: Harriet P. Thomas, 32 Stoddard Way, Berkeley, California 94708. Secretary: Stephen B. Ruth, 642 Alcatraz Ave., No. 103, Oakland, California 94596.

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, \$10.00 per volume, payable in advance. Single copies, \$2.75 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 73, Number 4

Issued 22 November 1971

Editor: RALPH J. RAITT

#### Assistant Editors:

JEAN P. THOMPSON DONALD F. CACCAMISE RICHARD L. MAZE Department of Biology New Mexico State University Las Cruces, New Mexico 88001

# CONTENTS

- 389 Experiments on Homing in Laysan Albatrosses, Diomedea immutabilis HARVEY I. FISHER
- 401 Color Variation in the Crown of the White-throated Sparrow, Zonotrichia albicollis LINDA E. (DONALDSON) VARDY
- 415 Seed Selection in Some North American Finches MARY F. WILLSON
- 430 Comparative Temperature and Moisture Responses in Gambel and Scaled Quail CARL W. HENDERSON
- 437 Nutritional Aspects of the Diet of Spruce Grouse in Central Alberta B. A. PENDERGAST and D. A. BOAG
- 444 The Breeding Biology of the American Avocet (*Recurvirostra americana*) in Central Oregon FLASH GIBSON
- 455 On the Occurrence of Eastern Wood Warblers in Western North America GEORGE T. AUSTIN
- 463 Golden Eagle Population Studies in the Southwest ERWIN L. BOEKER and THOMAS D. RAY.

# SHORT COMMUNICATIONS

- 468 Cutaneous Water Loss in Small Birds MARVIN H. BERNSTEIN
- 470 Cutaneous Water Loss in the Roadrunner and Poor-will ROBERT C. LASIEWSKI, MARVIN H. BERNSTEIN, and ROBERT D. OHMART
- 472 Lean-Season Fat in a South American Population of Black-necked Stilts RAYMOND McNEIL
- 475 Predation by a White-tailed Hawk and a Harris Hawk on a Wild Turkey Poult HARRY H. HAUCKE
- 475 Three Additional Specimens of the Eared Poor-will From the State of Guerrero, México KEITH A. ARNOLD
- 476 The Mississippi Kite in Arizona SEYMOUR H. LEVY
- 476 Census of the Birds of Clipperton Island, 1968 JEAN P. EHRHARDT

(Continued on next page)

- 480 A Note on Foraging Overlap in Winter Birds of Deciduous Woods MARY F. WILLSON
- 481 Bird Records From West New Britain JARED M. DIAMOND
- 483 High Nest Density and Non-random Nest Placement in the Cedar Waxwing STEPHEN I. ROTHSTEIN
- 485 Tongue Structure of the Sunbird Hypogramma hypogrammica FRANK B. GILL
- 486 Horned Grebe Specimen From Arizona LAWRENCE N. HUBER
- 487 Identification of *Diomedea leptorhyncha* Coues 1866, an Albatross with Remarkably Small Salt Glands GEORGE E. WATSON and GEORGE J. DIVOKY
- 490 A Specimen of Jouanin's Petrel From Lisianski Island, Northwestern Hawaiian Islands ROGER B. CLAPP
- 490 Prairie Falcons and Red-tailed Hawks Rearing Young in Inactive Golden Eagle Nests GARY L. HICKMAN
- 491 Two Hybrid Sage Grouse  $\times$  Sharp-tailed Grouse From Central Montana ROBERT L. ENG
- 494 News and Notes
- 495 The Bulletin Board
- 496 Index to Volume 73

Printed Quarterly at Lawrence, Kansas, U.S.A., by Allen Press, Inc. Second-class postage paid at Lawrence, Kansas, U.S.A. 66044