

THE CONDOR

Volume 79

Summer 1977

Number 2



JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY

LIBRARY

OCT 13 1977

UNIVERSITY OF IDAHO

COOPER ORNITHOLOGICAL SOCIETY

OFFICERS

President: STEPHEN M. RUSSELL, Department of Ecology and Evolutionary Biology, University of Arizona, Tucson, AZ 85721.

Vice-President: J. DAVID LIGON, Department of Biology, University of New Mexico, Albuquerque, NM 87106.

Secretary: PAUL H. BALDWIN, Department of Zoology and Entomology, Colorado State University, Fort Collins, CO 80523.

Assistant Secretary: RONALD A. RYDER, Department of Fishery and Wildlife Biology, Colorado State University, Fort Collins, CO 80523.

Treasurer: JANE R. DURHAM, P.O. Box 520, Tempe, AZ 85281.

Assistant Treasurer: JAMES G. MILLER, Department of Biology, 405 Hilgard Avenue, University of California, Los Angeles, CA 90024.

Editor, The Condor: PETER STETTENHEIM, Meriden Road, Lebanon, NH 03766.

Editor, Pacific Coast Avifauna: RALPH J. RAITT, Department of Biology, New Mexico State University, Las Cruces, NM 88001.

BOARD OF DIRECTORS

RUSSELL P. BALDA

LUIS F. BAPTISTA

THOMAS R. HOWELL

JOSEPH R. JEHL

JAMES R. KING

J. DAVID LIGON

DENNIS M. POWER

ROBERT T. ORR

PETER STETTENHEIM

COUNCIL

JAMES R. KING, *President*

M. DALE ARVEY, *Vice-President*

JENNIFER M. WHITE, *Secretary*

DAVID G. AINLEY

M. DALE ARVEY

RUSSELL P. BALDA

LUIS F. BAPTISTA

WILLIAM H. BEHLE

LAURENCE BINFORD

DONALD L. BLEITZ

CARL E. BOCK

ALAN H. BRUSH

THOMAS J. CADE

GENE M. CHRISTMAN

HOWARD L. COGSWELL

NICHOLAS E. COLLIAS

CHARLES T. COLLINS

JOEL L. CRACRAFT

JOHN DAVIS

WILLIAM R. DAWSON

JANE DURHAM

MERCEDES S. FOSTER

WILSON C. HANNA

JOHN WILLIAM HARDY

ED N. HARRISON

THOMAS R. HOWELL

GEORGE L. HUNT

NED K. JOHNSON

DAVID W. JOHNSTON

LLOYD F. KIFF

JAMES R. KING

J. DAVID LIGON

BRUCE L. MANION

BARBARA W. MASSEY

HAROLD F. MAYFIELD

L. RICHARD MEWALDT

JAMES R. NORTHERN

ROBERT T. ORR

ROBERT B. PAYNE

OLIVER P. PEARSON

SIDNEY B. PEYTON

FRANK A. PITELKA

DENNIS M. POWER

RALPH J. RAITT

STEPHEN I. ROTHSTEIN

STEPHEN M. RUSSELL

GARY D. SCHNELL

KENNETH E. STAGER

PETER STETTENHEIM

EDGAR N. STONE

LASZLO J. SZIJJ

HARRIET P. THOMAS

LISE THOMSEN

CHARLES H. TROST

MIKLOS D. F. UDVARDY

JACK C. VON BLOEKER, JR.

STUART L. WARTER

JENNIFER MEUX WHITE

FRANCIS S. L. WILLIAMSON

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, \$15.00 per year, of which \$9.00 are for a year's subscription to THE CONDOR; student members, \$8.00 per year; sustaining members, \$25.00 per year. Members of all classes receive THE CONDOR. Life memberships in the Society are no longer available.

Send payment for dues, notices of change of address, and requests for information concerning memberships to Jane R. Durham, Treasurer, P.O. Box 520, Tempe, Arizona 85281.

Known office of publication: Department of Zoology, University of California, Los Angeles, California 90024. Second class postage paid at Los Angeles, California, and additional mailing offices.

PUBLICATIONS

THE CONDOR is a journal published quarterly. Subscription price to institutions and non-members, \$20.00 per volume, payable in advance. Single copies, \$5.50 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, Ralph J. Raitt, Department of Biology, New Mexico State University, Las Cruces, New Mexico 88001. Issues may be purchased from the Assistant Treasurer of the Society (see back cover of this journal).

Printed Quarterly at Lawrence, Kansas, U.S.A. by Allen Press, Inc.

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

© The Cooper Ornithological Society 1977.

THE CONDOR

JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY

Volume 79, Number 2

Issued 27 September 1977

Editor: PETER STETTENHEIM

Associate Editors:

MERCEDES S. FOSTER

GARY D. SCHNELL

Editorial Assistants:

HELEN CURCIO

SUZANNE NOTHNAGLE

CONTENTS

- Phaethornis koepckeae*, a New Species of Hummingbird from Perú
JOHN S. WESKE and JOHN W. TERBORGH 143
- Winter Territoriality of Townsend's Solitaires (*Myadestes townsendi*) in
a Piñon-Juniper-Ponderosa Pine Ecotone
MICHAEL G. SALOMONSON and RUSSELL P. BALDA 148
- Nesting Behavior of Herring Gulls: Invasion into *Spartina* Salt Marsh Areas
of New Jersey
JOANNA BURGER 162
- Variation and Distribution of Glaucous Gulls in Western Alaska
CARL A. STRANG 170
- Reproductive Interactions of the Shiny Cowbird and the Yellow-shouldered
Blackbird
WILLIAM POST and JAMES W. WILEY 176
- Local Variations in the Time of Breeding of Female Blue Grouse
FRED C. ZWICKEL 185
- Territory Quality and Mating Success in the Field Sparrow (*Spizella pusilla*)
LOUIS B. BEST 192
- Reproductive Responses of Sparrows to a Superabundant Food Supply
TED R. ANDERSON 205
- Songs of the Fox Sparrow. I. Structure of Song and Its Comparison with
Song in Other Emberizidae
DENNIS J. MARTIN 209
- Vocal Responses to Predators in Pair-bonded Carolina Wrens
EUGENE S. MORTON and MICHAEL D. SHALTER 222
- A Discriminant Function Analysis of Assemblages of Fruit-eating Birds in
Central America
ROBERT E. RICKLEFS 228

A Pantropical Comparison of Bird Community Structure on Six Lowland Forest Sites DAVID L. PEARSON	232
Nesting of Ferruginous Hawks (<i>Buteo regalis</i>) in Washington 1974-75 R. E. FITZNER, D. BERRY, L. L. BOYD, and C. A. RIECK	245
Nesting and Other Habits of the Bolivian Blackbird (<i>Oreopsar bolivianus</i>) GORDON H. ORIAN, LYNN ERCKMANN, and JOHN C. SCHULTZ	250
Breeding and Postnuptial Molt of the Red-vented Bulbul in Western Samoa ANDRÉ A. DHONDT	257
SHORT COMMUNICATIONS	
The Nest, Eggs, and Relationships of the Half-collared Gnatwren (<i>Microbates cinereiventris</i>) LLOYD F. KIFF	261
Food Habits of a White-tailed Kite Population in Central Chile PETER L. MESERVE	263
Food of Nestling Tricolored Blackbirds FREDERICK T. CRASE and RICHARD W. DEHAVEN	265
The Relation of Hunting Site Changes to Hunting Success in Green Herons and Green Kingfishers BURR J. BETTS and DONNA L. BETTS	269
Weather-dependent Foraging Behavior of Some Birds Wintering in a Deciduous Woodland: Horizontal Adjustments THOMAS C. GRUBB JR.	271
Taxonomy and Range of <i>Pionus "seniloides"</i> in Perú JOHN P. O'NEILL and THEODORE A. PARKER III	274
Serum Proteins of Canada Goose (<i>Branta canadensis</i>) Subspecies RAYMOND P. MORGAN II, SHELLEY T. SULKIN, and CHARLES J. HENNY	275
Northern Finches Feeding from Floating Vegetation SPENCER G. SEALY	278
External Markers of Social Rank in Willow Ptarmigan ASE GJESDAL	279
NEWS AND NOTES	281
TREASURER'S REPORT	284
RECENT PUBLICATIONS	286
THE BULLETIN BOARD	287