

# A JOURNAL OF AVIAN BIOLOGY

Volume 98

2

November 1996

Number 4

## CONTENTS

A Fossil Scrub-Jay Supports a Recent Systematic Decision STEVEN D. EMSLIE	675
<ul> <li>Evidence from Cytochrome b Sequences and Allozymes for a 'New' Species of Alcid: the Long-billed Murrelet (Brachyramphus perdix)</li> <li>V. L. FRIESEN, J. F. PIATT AND A. J. BAKER</li> </ul>	681
Temporal and Spatial Patterns in the Diet of the Common Murre in Cali- fornia Waters DAVID G. AINLEY, LARRY B. SPEAR, SARAH G. ALLEN AND CHRISTINE A. RIBIC	691
Effects of Silvicultural Modifications of Temperate Rainforest on Breeding and Wintering Bird Communities, Prince of Wales Island, Southeast Alaska DOMINICK A. DELLASALA, JOAN C. HAGAR, KATHLEEN A. ENGEL, WILLIAM C. MCCOMB, RANDAL L. FAIRBANKS AND ELLEN G. CAMPBELL	706
Display Behavior and Natural History of the Yellow-crowned Manakin (Het- erocercus flavivertex: Pipridae) RICHARD O. PRUM, JOSEPH D. KAPLAN AND JAN E. PIER- SON	722
Constraints on Double Brooding in a Neotropical Migrant, the Hooded Warbler LESLEY J. EVANS OGDEN AND BRIDGET J. M. STUTCH- BURY	736
Winter Surveys of Forest-Dwelling Neotropical Migrant and Resident Birds in Three Regions of Cuba GEORGE E. WALLACE, HIRAM GONZÁLES ALONSO, MARTIN K. McNICHOLL, DAYSI RODRÍGUEZ BATISTA, RAMONA OVIE- DO PRIETO, ALEJANDRO LLANES SOSA, BÁRBARA SÁNCHEZ ORIA AND ELIZABETH A. H. WALLACE	745

(Continued on outside back cover)

Published Quarterly by the Cooper Ornithological Society

### COOPER ORNITHOLOGICAL SOCIETY

President: SHEILA A. MAHONEY, Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL 33431, 407-367-3336 or 407-367-2625, 407-367-2985 or 407-367-2749 fax, mahoney@ acc.fau.edu

President-elect: J. MICHAEL SCOTT, 1130 Kamiaken St., Moscow, ID 83843, 208-885-6336, 208-885-9080 fax.

Secretary: TERRELL D. RICH, Fish, Wildlife and Forests Group, Bureau of Land Management, 1387 S. Vinnell Way, Boise, ID 83709, 208-373-4043, 208-373-4050 fax, trich@id1546wp.idso.id.blm.gov

Assistant Secretary: PETER STETTENHEIM, Meriden Road, #64-255, Lebanon, NH 03766, 603-448-4655. Treasurer: ERICK G. CAMPBELL, Bureau of Land Management, 2114 NE 90th Ave., Vancouver, WA 98664,

503-952-6382, 503-952-6021 fax, ecampbel@sc0126wp.sc.blm.gov

Assistant Treasurer: LARRY MANGAN, Bureau of Land Management, 1300 Airport Lane, North Bend, OR 97459, 541-756-0100, 541-756-9303 fax, lmangan@or.blm.gov

Editor of THE CONDOR: WALTER D. KOENIG, Hastings Natural History Reservation, 38601 E. Carmel Valley Road, Carmel Valley, CA 93924, 408-659-5981, 408-659-3649 fax, wicker@uclink.berkeley.edu

Managing Editor of THE CONDOR: DAVID J. GUBERNICK, Condor Editorial Office, Hastings Natural History Reservation, 38601 E. Carmel Valley Road, Carmel Valley, CA 93924, 408-659-1369, condor@ garnet.berkeley.edu

*Editor of STUDIES IN AVIAN BIOLOGY:* JOHN ROTENBERRY, Department of Biology, University of California, Riverside, CA 92521, 909-787-3953, 909-787-4286 fax, ROTE@UCRAC1.UCR.EDU

#### **BOARD OF DIRECTORS**

1993–19961994–19971995–1998THOMAS C. EDWARDS, JR.STEPHEN M. RUSSELLSALLIE HEJLRICHARD F. JOHNSTONKIMBERLY A. SULLIVANBARABARA E. KUSKIMBERLY G. SMITHWESLEY W. WEATHERSTHOMAS E. MARTIN

STANDING COMMITTEES. BYLAWS: T. C. Edwards, Jr.,\* D. M. Bird, W. M. Block. CONSERVATION-RESOLUTIONS: M. G. Raphael.\* FINANCE: E. A. Schreiber,\* T. Bucher, E. Campbell, J. W. Fitzpatrick. HISTORY: H. L. Cogswell,\* B. B. DeWolfe, R. J. Quigley. HONORARY MEMBERS: E. C. Collias,\* N. E. Collias,\* D. M. Power. MEMBERSHIP: L. A. Brennan,\* T. Balgooyen, L. Hall, C. R. Preston, R. O. Russell. MEWALDT-KING AWARD: D. Tomback,\* C. Bock, R. L. Hutto. PUBLICATIONS: Fritz Knopf,\* Al Dufty, Walter D. Koenig, John Rotenberry.

AD HOC COMMITTEES. NOMINATING FOR DIRECTORS: K. Sullivan. STUDENT PARTICIPATION: S. Hejl,\* R. Dixon, L. George, S. Jones, T. Scott, K. Sullivan, B. Wolf. MEMBERSHIP IN DEVELOPING COUNTRIES: D. M. Finch.\* (\*Chair or Co-chair.)

REPRESENTATIVES. ORNITHOLOGICAL COUNCIL: S. L. L. Gaunt.

#### MEMBERSHIP AND SUBSCRIPTIONS

Any person interested in avian biology may become a member of the Cooper Ornithological Society. All members receive *THE CONDOR*. North American members also receive the bimonthly *ORNITHOLOG-ICAL NEWSLETTER*. Membership rates are \$35 per year for regular members in the United States, Canada, Australia, Belgium, Denmark, Finland, France, Germany, Iceland, Israel, Japan, Luxembourg, The Netherlands, New Zealand, Norway, Sweden, and the United Kingdom. Regular membership rates are \$20 per year for members in all other countries. Rates are \$20 for student and emeritus members, and \$40 for families. Institutional subscriptions are \$90. Send check or money order in U.S. funds with complete name and address to: Ornithological Societies of North America (O.S.N.A.), P.O. Box 1897, Lawrence, KS 66044-8897. If applying for student rates, include a brief, signed statement from an academic advisor certifying student status.

#### PUBLICATIONS

THE CONDOR (ISSN 0010-5422) is a quarterly journal devoted to the biology of wild species of birds. It publishes research reports and occasional review articles. Contributors should follow instructions on the preparation and submission of articles given in the February issue.

Manuscripts, announcements, and advertising: to Walter D. Koenig, address above.

Books for review: to Kimberly G. Smith, Department of Biological Sciences, University of Arkansas, Fayetteville, AR 72701.

Changes of address and queries about missing issues for subscriptions: to O.S.N.A., address above. Purchases of back issues: to Erick G. Campbell, Treasurer, address above.

STUDIES IN AVIAN BIOLOGY, a series of works too long for the journal, is published at irregular intervals.

Manuscripts: to John Rotenberry, Editor, address above.

Purchase of issues: Erick G. Campbell, Treasurer, address above.

POSTMASTER: Send address changes to *THE CONDOR*, O.S.N.A., P.O. Box 1897, Lawrence, KS 66044-8897. Periodicals postage paid at Lawrence, KS 66044, U.S.A., and additional mailing offices. Printed quarterly at Lawrence, Kansas, U.S.A. by Allen Press, Inc. © The Cooper Ornithological Society 1996.

This namer meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).