



# THE CONDOR

A JOURNAL OF AVIAN BIOLOGY

Volume 98

February 1996

Number 1

## CONTENTS

- A New Species of Small Flightless Duck from Amsterdam Island, Southern Indian Ocean (*Anatidae:Anas*)  
STORRS L. OLSON AND PIERRE JOUVENTIN . . . . . 1
- Spring Migration of Western Sandpipers Along the Pacific Coast of North America: A Telemetry Study  
GEORGE C. IVERSON, SARAH E. WARNOCK, ROBERT W. BUTLER, MARY ANNE BISHOP AND NILS WARNOCK . . . . . 10
- Is Parental Care a Constraint on the Habitat Use of Common Eider Females?  
JAN OVE BUSTNES . . . . . 22
- Wetland Selection by American Green-winged Teal Breeding in British Columbia  
GIL A. PAQUETTE AND C. DAVISON ANKNEY . . . . . 27
- Technique-dependent Biases in Determination of Diet Composition: An Example with Ring-billed Gulls  
KEVIN M. BROWN AND PETER J. EWINS . . . . . 34
- Seasonal Decline in Clutch Size of the Barnacle Goose in Svalbard  
LAILA DALHAUG, INGUNN M. TOMBRE AND KJELL EINAR ERIKSTAD . . . . . 42
- Survival of Northern Pintail Ducklings on the Yukon-Kuskokwim Delta, Alaska  
JAMES B. GRAND AND PAUL L. FLINT . . . . . 48
- Nesting Success of Northern Pintails on the Coastal Yukon-Kuskokwim Delta, Alaska  
PAUL L. FLINT AND J. BARRY GRAND . . . . . 54
- Age-specific Survival and Philopatry in Three Species of European Ducks: A Long-Term Study  
PETER BLUMS, AIVARS MEDNIS, ILMARS BAUGA, JAMES D. NICHOLS AND JAMES E. HINES . . . . . 61

(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, Ecosystem Resources Support Group, Bureau of Land Management, 3380 Americana Terrace, Boise, ID 83706, 208-384-3153, 208-384-3083 fax, T1RICH@ATTMAIL.COM

*Assistant Secretary:* PETER STETTENHEIM, Meriden Road, #64-255, Lebanon, NH 03766, 603-448-4655.

*Treasurer:* DONALD R. POWERS, Division of Natural Sciences, George Fox College, Newberg, OR 97132, 503-538-8383, 503-537-3834 fax, DPOWERS@FOXMAIL.GFC.EDU

*Assistant Treasurer:* WALTER WEHTJE, Western Foundation of Vertebrate Zoology, 439 Calle San Pablo, Camarillo, CA 93010, 805-388-9944, 805-388-8663 fax.

*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, condor@garnet.berkeley.edu

*Assistant Editor of THE CONDOR:* CHRISTINA J. SLAGER, 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

1993-1996

THOMAS C. EDWARDS, JR.  
RICHARD F. JOHNSTON  
KIMBERLY G. SMITH

1994-1997

STEPHEN M. RUSSELL  
KIMBERLY A. SULLIVAN  
WESLEY W. WEATHERS

1995-1998

SALLIE HEJL  
BARBARA E. KUS  
THOMAS E. MARTIN

**STANDING COMMITTEES.** BYLAWS: T. C. Edwards, Jr.,\* D. M. Bird, W. M. Block. CONSERVATION-RESOLUTIONS: M. G. Raphael.\* FINANCE: E. A. Schreiber,\* J. L. Cracraft, J. W. Fitzpatrick, M. L. Morrison, D. R. Powers, C. J. Ralph. 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.

**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 *ORNITHOLOGICAL 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 this 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 Walter Wehtje, Assistant 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:** Walter Wehtje, Assistant Treasurer, address above.

POSTMASTER: Send address changes to *THE CONDOR*, O.S.N.A., P.O. Box 1897, Lawrence, KS 66044-8897. Second-class 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.