



# BioOne COMPLETE

---

## Table of Contents

Source: The Auk, 129(2)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2012.129.2.toc>

---

BioOne Complete ([complete.BioOne.org](http://complete.BioOne.org)) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at [www.bioone.org/terms-of-use](http://www.bioone.org/terms-of-use).

---

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to





CONTENTS

RAPID COMMUNICATIONS

- 197 PHYLOGENETIC RELATIONSHIPS OF THE EXTINCT CAROLINA PARAKEET (*CONUROPSIS CAROLINENSIS*) INFERRED FROM DNA SEQUENCE DATA. *Jeremy J. Kirchman, Erin E. Schirtzinger, and Timothy F. Wright*
- 205 CARRY-OVER EFFECTS OF WINTER LOCATION CONTRIBUTE TO VARIATION IN TIMING OF NEST INITIATION AND CLUTCH SIZE IN BLACK BRANT (*BRANTA BERNICLA NIGRICANS*). *Jason L. Schamber, James S. Sedinger, and David H. Ward*

RESEARCH ARTICLES

BEHAVIOR AND BEHAVIORAL ECOLOGY

- 211 WIDESPREAD CRYPTIC DICHROMATISM AND ULTRAVIOLET REFLECTANCE IN THE LARGEST RADIATION OF NEOTROPICAL SONGBIRDS: IMPLICATIONS OF ACCOUNTING FOR AVIAN VISION IN THE STUDY OF PLUMAGE EVOLUTION. *Kevin J. Burns and Allison J. Shultz*
- 222 FEATHER GROWTH RATE AND MASS IN NEARCTIC PASSERINES WITH VARIABLE MIGRATORY BEHAVIOR AND MOLT PATTERN. *Iván de la Hera, David F. DeSante, and Borja Milá*

BEHAVIOR AND PHYSIOLOGY

- 231 CHANGES IN IMMUNOCOMPETENCE AND OTHER PHYSIOLOGICAL MEASURES DURING MOLT IN BROWN-HEADED COWBIRDS (*MOLOTHRUS ATER*). *Vincenzo A. Ellis, Loren Merrill, John C. Wingfield, Adrian L. O’Loghlen, and Stephen I. Rothstein*
- 239 TIMING OF ADULT REMIGIAL WING MOLT IN FEMALE BLACK BRANT (*BRANTA BERNICLA NIGRICANS*). *Howard V. Singer, James S. Sedinger, Christopher A. Nicolai, Amanda W. Van Dellen, and Brian T. Person*

EVOLUTION AND GENETICS

- 247 FINE-SCALE POPULATION STRUCTURE AND ASYMMETRICAL DISPERSAL IN AN OBLIGATE SALT-MARSH PASSERINE, THE SALTMARSH SPARROW (*AMMODRAMUS CAUDACUTUS*). *Jennifer Walsh, Adrienne I. Kovach, Kimberly J. Babbitt, and Kathleen M. O’Brien*

METHODS AND STATISTICS

- 259 REPRESENTATIVENESS OF LAND COVER COMPOSITION ALONG ROUTES OF THE NORTH AMERICAN BREEDING BIRD SURVEY. *Joseph A. Veech, Michael F. Small, and John T. Baccus*

- 268 USING BINOMIAL DISTANCE-SAMPLING MODELS TO ESTIMATE THE EFFECTIVE DETECTION RADIUS OF POINT-COUNT SURVEYS ACROSS BOREAL CANADA. *Steven M. Matsuoka, Erin M. Bayne, Péter Sólymos, Patricia C. Fontaine, Steven G. Cumming, Fiona K. A. Schmiegelow, and Samantha J. Song*

POPULATION BIOLOGY AND DEMOGRAPHY

- 283 BREEDING DISPERSAL OF EURASIAN HOOPES (*UPUPEPOPS*) WITHIN AND BETWEEN YEARS IN RELATION TO REPRODUCTIVE SUCCESS, SEX, AND AGE. *Yves Bötsch, Raphaël Arlettaz, and Michael Schaub*
- 296 FLOODING AFFECTS DISPERSAL DECISIONS IN PIPING PLOVERS (*CHARADRIUS MELODUS*) IN PRAIRIE CANADA. *Erin A. Roche, Cheri L. Gratto-Trevor, J. Paul Goossen, and Corie L. White*
- 307 DEMOGRAPHY AND DISPERSAL OF JUVENILE AND ADULT BROWN-HEADED COWBIRDS (*MOLOTHRUS ATER*) IN THE EASTERN SIERRA NEVADA, CALIFORNIA, ESTIMATED USING MULTISTATE MODELS. *Kurt E. Anderson, Masami Fujiwara, and Stephen I. Rothstein*

REPRODUCTIVE AND BREEDING BIOLOGY

- 319 TIME-SPECIFIC PATTERNS OF NEST SURVIVAL FOR DUCKS AND PASSERINES BREEDING IN NORTH DAKOTA. *Todd A. Grant and Terry L. Shaffer*
- 329 FEMALE SITE FAMILIARITY INCREASES FLEDGING SUCCESS IN PIPING PLOVERS (*CHARADRIUS MELODUS*). *Sarah P. Saunders, Erin A. Roche, Todd W. Arnold, and Francesca J. Cuthbert*

SYSTEMATICS

- 338 SYSTEMATIC REVISION OF THE SPOTTED ANTPITTA (*GRALLARIIDAE: HYLOPEZUS MACULARIUS*), WITH DESCRIPTION OF A CRYPTIC NEW SPECIES FROM BRAZILIAN AMAZONIA. *Lincoln Silva Carneiro, Luiz Pedreira Gonzaga, Péricles S. Rêgo, Iracilda Sampaio, Horacio Schneider, and Alexandre Aleixo*

LETTERS

- 352 RECENT EXPERIMENTAL DATA ON THE ENERGY COSTS OF AVIAN FLIGHT DO NOT CALL FOR A REVISION OF OPTIMAL MIGRATION THEORY. *Anders Hedenström*
- 354 OPTIMAL MIGRATION THEORY: RESPONSE TO HEDENSTRÖM (2012). *Nikita Chernetsov*



The Auk

VOLUME 129, NUMBER 2, APRIL 2012  
AN INTERNATIONAL JOURNAL OF ORNITHOLOGY

THE AUK

Vol. 129, No. 2, Pages 197–365

April 2012



© Michael Rothman 1984/2010

PUBLISHED BY THE AMERICAN ORNITHOLOGISTS’ UNION

(Continued on inside back cover)



## *Contents (continued)*



### **MEMORIALS**

- 356 IN MEMORIAM: JOHN ELEUTHÈRE DU PONT,  
1938–2010. *AOU Committee On Memorials*
- 357 IN MEMORIAM: KEITH L. DIXON, 1921–2012.  
*AOU Committee on Memorials*

### **BOOK REVIEWS**

- 358 BOOK REVIEWS. *Edited by R. Todd Engstrom*

### **POSTSCRIPT**

- 364 100 YEARS AGO IN THE AMERICAN ORNITHOLOGISTS'  
UNION. *Kimberly G. Smith*

**SPANISH TRANSLATION:** CARLOS DANIEL CADENA, CINTIA CORNELIUS, AND LUCIO R. MALIZIA

**FRENCH TRANSLATION:** HÉLÈNE SÉNÉCHAL