

Table of Contents

Source: The Auk, 126(4)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2009.126.4.toc>

BioOne Complete (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.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

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 critical research.



CONTENTS

SPECIAL REVIEWS IN ORNITHOLOGY

- AVIAN NAVIGATION. *Roswitha Wiltschko and Wolfgang Wiltschko* 717

RESEARCH ARTICLES

- HIERARCHICAL SPATIAL GENETIC STRUCTURE OF COMMON EIDERS (*SOMATERIA MOLLISSIMA*) BREEDING ALONG A MIGRATORY CORRIDOR. *Sarah A. Sonsthagen, Sandy L. Talbot, Richard B. Lanctot, Kim T. Scribner, and Kevin G. McCracken* 744
- ENVIRONMENTAL CORRELATES OF BREEDING IN THE CRESTED CARACARA (*CARACARA CHERIWAY*). *Joan L. Morrison, Kyle E. Pias, Jonathan B. Cohen, and Daniel H. Catlin* 755
- PHYLOGEOGRAPHY OF THE RUFIOUS-NAPED WREN (*CAMPYLORHYNCHUS RUFINUCHA*): SPECIATION AND HYBRIDIZATION IN MESOAMERICA. *Hernán Vázquez-Miranda, Adolfo G. Navarro-Sigüenza, and Kevin E. Omland* 765
- A SIMPLE AND IMPROVED DNA TEST FOR AVIAN SEX DETERMINATION. *Jae-Ik Han, Jeong-Ho Kim, Sukyung Kim, Shi-Ryoung Park, and Ki-Jeong Na* 779
- MIGRATORY PATTERNS AND POPULATION STRUCTURE AMONG BREEDING AND WINTERING RED-BREASTED MERGANSERS (*MERGUS SERRATOR*) AND COMMON MERGANSERS (*M. MERGANSER*). *John M. Pearce, Kevin G. McCracken, Thomas K. Christensen, and Yuri N. Zhuravlev* 784
- FACTORS ASSOCIATED WITH ARRIVAL DENSITIES OF GRASSHOPPER SPARROW (*AMMODRAMUS SAVANNARUM*) AND BAIRD'S SPARROW (*A. BAIRDII*) IN THE UPPER GREAT PLAINS. *Marissa A. Ahlering, Douglas H. Johnson, and John Faaborg* 799
- CORRELATIONS BETWEEN EL NIÑO–SOUTHERN OSCILLATION AND CHANGES IN NEARCTIC–NEOTROPIC MIGRANT CONDITION IN CENTRAL AMERICA. *Jared D. Wolfe and C. John Ralph* 809
- FLUCTUATING ASYMMETRY IN COMMON TERN (*STERNA HIRUNDO*) CHICKS VARIES WITH HATCHING ORDER AND CLUTCH SIZE. *Brian G. Palestis* 815
- SYLLABLE AND SONG SHARING IN A RECENTLY ESTABLISHED POPULATION OF HOUSE FINCHES (*CARPODACUS MEXICANUS*). *Todd T. Tracy, Hannah J. Zasadny, John G. Erickson, and Jeremy L. Siemers* 823
- INFLUENCE OF DIET ON EGG SIZE IN AMERICAN COOTS (*FULICA AMERICANA*): EVIDENCE FROM FOOD SUPPLEMENTATION AND BIOCHEMICAL MARKERS. *Gary R. Bortolotti, Keith A. Hobson, Usne J. Butt, and Peter F. Surai* 831
- KENTISH VERSUS SNOWY PLOVER: PHENOTYPIC AND GENETIC ANALYSES OF *CHARADRIUS ALEXANDRINUS* REVEAL DIVERGENCE OF EURASIAN AND AMERICAN SUBSPECIES. *Clemens Küpper, Jakob Augustin, András Kosztolányi, Terry Burke, Jordi Figuerola, and Tamás Székely* 839
- BLOOD SAMPLING REDUCES ANNUAL SURVIVAL IN CLIFF SWALLOWS (*PETROCHELIDON PYRRHONOTA*). *Mary Bomberger Brown and Charles R. Brown* 853
- REPEATED EVOLUTION OF FUSED THORACIC VERTEBRAE IN SONGBIRDS. *Helen F. James* 862
- LIPID RESERVES OF LESSER SCAUP (*AYTHYA AFFINIS*) MIGRATING ACROSS A LARGE LANDSCAPE ARE CONSISTENT WITH THE “SPRING CONDITION” HYPOTHESIS. *Michael J. Anteau and Alan D. Afton* 873
- PHENOTYPIC AND GENETIC VARIANCE OF HOUSE SPARROWS (*PASSER DOMESTICUS*) EARLY IN DEVELOPMENT. *Tria B. Kinnard and David F. Westneat* 884

(Continued on inside back cover)

AN INTERNATIONAL JOURNAL OF ORNITHOLOGY

Contents (continued)



FACTORS INFLUENCING HABITAT USE BY MIGRATORY GRASSLAND BIRDS IN THE STATE OF CHIHUAHUA, MEXICO. <i>Alberto Macías-Duarte, Angel B. Montoya, Cesar E. Méndez-González, J. Roberto Rodríguez-Salazar, W. Grainger Hunt, and Pam G. Krannitz</i>	896
DIFFERENTIAL FOOD DISTRIBUTION BY MALE AND FEMALE GREEN-BACKED TITS (<i>PARUS MONTICOLUS</i>) IN RELATION TO NESTLING SIZE. <i>Ming-Tang Shiao, Mei-Chen Chuang, and Ying Wang</i>	906
COMMENTARY	
CONSTRUCTING CHECK-LISTS AND AVIFAUNA-WIDE REVIEWS: MEXICAN BIRD TAXONOMY REVISITED. <i>A. Townsend Peterson and Adolfo G. Navarro-Sigüenza</i>	915
LETTERS	
ASSOCIATE EDITOR'S NOTE. <i>Jason Jones</i>	922
DOES A LACK OF DESIGN AND REPEATABILITY COMPROMISE SCIENTIFIC CRITICISM? A RESPONSE TO SMITH ET AL. (2009). <i>Michael B. Wunder, Keith A. Hobson, Jeff Kelly, Peter P. Marra, Leonard I. Wassenaar, Craig A. Stricker, and Richard R. Doucett</i>	922
POOR REPRODUCIBILITY AND INFERENCE IN HYDROGEN-STABLE-ISOTOPE STUDIES OF AVIAN MOVEMENT: A REPLY TO WUNDER ET AL. (2009). <i>Adam D. Smith, Casey A. Lott, Jeff P. Smith, Kara C. Donohue, Sara Wittenberg, Kimberly G. Smith, and Laurie Goodrich</i>	926
MEMORIALS	
IN MEMORIAM: JON CHARLES BARLOW, 1935–2009. <i>James D. Rising</i>	932
IN MEMORIAM: MARY KATHLEEN KLIMKIEWICZ, 1943–2008. <i>Chandler S. Robbins</i>	934
BOOK REVIEWS. <i>Edited by R. Todd Engstrom</i>	936
FROM THE AOU COMMITTEE ON BIRD COLLECTIONS	
COMMITTEE ON BIRD COLLECTIONS: BASIC STANDARDS FOR BIRD COLLECTIONS	941
100 YEARS AGO IN THE AMERICAN ORNITHOLOGISTS' UNION. <i>Kimberly G. Smith</i>	943
REVIEWERS FOR <i>THE AUK</i> , 2009.	945
INDEX TO VOLUME 126. <i>Compiled by Todd J. Underwood</i>	947

SPANISH TRANSLATION: CARLOS DANIEL CADENA, CINTIA CORNELIUS, AND LUCIO R. MALIZIA
FRENCH TRANSLATION: HÉLÈNE SÉNÈCHAL