



BioOne COMPLETE

Table of Contents

Source: The Auk, 130(4)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2013.130.4.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.

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

- 573 EXPERIMENTAL REINTRODUCTION REVEALS NOVEL LIFE-HISTORY VARIATION IN LAYSAN DUCKS (*ANAS LAYSANENSIS*). *Jeffrey R. Walters and Michelle H. Reynolds*

RESEARCH ARTICLES

BEHAVIOR AND PHYSIOLOGY

- 580 PLASMA METABOLITES AND CREATINE KINASE LEVELS OF SHOREBIRDS DURING FALL MIGRATION IN THE PRAIRIE POTHOLE REGION. *Nathan E. Thomas and David L. Swanson*
- 591 SEASONAL VARIATION IN CORTICOSTERONE RECEPTOR BINDING IN BRAIN, HIPPOCAMPUS, AND GONADS IN HOUSE SPARROWS (*PASSER DOMESTICUS*). *Christine R. Lattin and L. Michael Romero*
- 599 REPLACEMENT RULES FOR THE FLIGHT FEATHERS OF YELLOW-BILLED CUCKOOS (*COCCYZUS AMERICANUS*) AND COMMON CUCKOOS (*CUCULUS CANORUS*). *Sievert Rohwer and Kristin Broms*

BEHAVIOR AND BEHAVIORAL ECOLOGY

- 609 TWO SONG CATEGORIES IN THE CANADA WARBLER (*CARDELLINA CANADENSIS*). *Alana D. Demko, Leonard R. Reitsma, and Cynthia A. Staicer*
- 617 SONG ORGANIZATION AND VARIABILITY IN NORTHERN HOUSE WRENS (*TROGLODYTES AEDON PARKMANII*) IN WESTERN CANADA. *D. Rendall and C. D. Kaluthota*
- 629 COMPARISON OF FORAGING BEHAVIORS AND MOVEMENT PATTERNS OF THE WEDGE-BILLED WOODCREEPER (*GLYPHORYNCHUS SPIRURUS*) TRAVELING ALONE AND IN MIXED-SPECIES FLOCKS IN AMAZONIAN ECUADOR. *Abigail J. Darrah and Kimberly G. Smith*
- 637 FIGHT OR FLIGHT: PARENTAL DECISIONS ABOUT PREDATORS AT NESTS OF NORTHERN BOBWHITES (*COLINUS VIRGINIANUS*). *Susan N. Ellis-Felege, Jonathan S. Burnam, William E. Palmer, D. Clay Sisson, and John P. Carroll*

EVOLUTION AND GENETICS

- 645 IDENTIFYING THE SISTER SPECIES TO THE RAPID CAPUCHINO SEEDEATER RADIATION (PASSERIFORMES: SPOROPHILA). *Leonardo Campagna, Luís Fábio Silveira, Pablo L. Tubaro, and Stephen C. Loughheed*

LANDSCAPE ECOLOGY

- 656 THE INFLUENCE OF VERTICAL AND HORIZONTAL HABITAT STRUCTURE ON NATIONWIDE PATTERNS OF AVIAN BIODIVERSITY. *Patrick D. Culbert, Volker C. Radeloff, Curtis H. Flather, Josef M. Kellendorfer, Chadwick D. Rittenhouse, and Anna M. Pidgeon*

METHODS AND STATISTICS

- 666 MODELING SPATIALLY EXPLICIT DENSITIES OF ENDANGERED AVIAN SPECIES IN A HETEROGENEOUS LANDSCAPE. *Bret A. Collier, Shannon L. Farrell, Ashley M. Long, Andrew J. Campomizzi, K. Brian Hays, Jeffrey L. Laake, Michael L. Morrison, and R. Neal Wilkins*
- 677 DETECTION HETEROGENEITY AND ABUNDANCE ESTIMATION IN POPULATIONS OF GOLDEN-CHEEKED WARBLERS (*SETOPHAGA CHRYSOPARIA*). *Christopher C. Warren, Joseph A. Veech, Floyd W. Weckerly, Lisa O'Donnell, and James R. Ott*

MIGRATION

- 689 DIFFERENTIAL MIGRATORY TIMING OF WESTERN POPULATIONS OF WILSON'S WARBLER (*CARDELLINA PUSILLA*) REVEALED BY MITOCHONDRIAL DNA AND STABLE ISOTOPES. *Kristina L. Paxton, Monica Yau, Frank R. Moore, and Darren E. Irwin*

MOLT BIOLOGY

- 699 HOW DO BIRDS ADJUST THE TIME REQUIRED TO REPLACE THEIR FLIGHT FEATHERS? *Vanya G. Rohwer and Sievert Rohwer*

PARASITES AND DISEASE

- 708 DO INFECTIONS LEAD TO HIGHER FEATHER MITE LOADS IN BIRDS? A TEST WITH MYCOPLASMA CONJUNCTIVITIS IN HOUSE FINCHES (*HAEMORHUS MEXICANUS*). *Andrew K. Davis and Emily Cornelius*

REPRODUCTIVE AND BREEDING BIOLOGY

- 715 PREFLEDGING DIET IS CORRELATED WITH INDIVIDUAL GROWTH IN GREATER SAGE-GROUSE (*CENTROCERCUS UROPHASIANUS*). *Erik J. Blomberg, Simon R. Poulson, James S. Sedinger, and Daniel Gibson*
- 725 APPARENT SURVIVAL OF SNOWY PLOVERS (*CHARADRIUS NIVOSUS*) VARIES WITH REPRODUCTIVE EFFORT AND YEAR AND BETWEEN SEXES. *Mark A. Colwell, Wendy J. Pearson, Luke J. Eberhart-Phillips, and Stephen J. Dinsmore*

THE AUK

Vol. 130, No. 4, Pages 573–829

October 2013



The Auk

VOLUME 130, NUMBER 4, OCTOBER 2013
AN INTERNATIONAL JOURNAL OF ORNITHOLOGY



PUBLISHED BY THE AMERICAN ORNITHOLOGISTS' UNION

(Continued on inside back cover)

Contents (continued)



- 733 LOW EXTRAPAIR PATERNITY OBSERVED IN A TROPICAL BIRD DESPITE AMPLE OPPORTUNITIES FOR EXTRAPAIR MATING. *Corey E. Tarwater, Jeffrey D. Brawn, and J. Dylan Maddox*
- 742 CORRELATES AND CONSEQUENCES OF BREEDING DISPERSAL IN A MIGRATORY SONGBIRD. *Mason H. Cline, Allan M. Strong, T. Scott Sillett, Nicholas L. Rodenhouse, and Richard T. Holmes*
- 753 CONSEQUENCES OF LEAST TERN (*STERNULA ANTILLARUM*) MICROHABITAT NEST-SITE SELECTION ON NATURAL AND MECHANICALLY CONSTRUCTED SANDBARS IN THE MISSOURI RIVER. *Jennifer H. Stucker, Deborah A. Buhl, and Mark H. Sherfy*
- 764 EXPERIMENTAL REMOVAL OF WOODY VEGETATION DOES NOT INCREASE NESTING SUCCESS OR FLEDGLING PRODUCTION IN TWO GRASSLAND SPARROWS (*AMMODRAMUS*) IN PENNSYLVANIA. *Jason M. Hill and Duane R. Diefenbach*
- 774 AMPHIBIAN CONCENTRATIONS IN DESICCATING MUD MAY DETERMINE THE BREEDING SEASON OF THE WHITE-SHOULDERED IBIS (*PSEUDIBIS DAVISONI*). *Hugh L. Wright, Nigel J. Collar, Iain R. Lake, and Paul M. Dolman*
- 784 THE EFFECTS OF TEMPERATURE ON NEST PREDATION BY MAMMALS, BIRDS, AND SNAKES. *W. Andrew Cox, F. R. Thompson III, and J. L. Reidy*

SYSTEMATICS

- 791 A NEW SPECIES OF GRAY SEEDEATER (EMBERIZIDAE: *SPOROPHILA*) FROM UPLAND GRASSLANDS OF SOUTHERN BRAZIL. *Márcio Repenning and Carla Suertegaray Fontana*

MEMORIALS

- 804 IN MEMORIAM: LARRY DEAN MARTIN, 1943–2013. *Alan Feduccia, David A. Burnham, and Desui Miao*
- 807 IN MEMORIAM: IAN McTAGGART-COWAN, 1910–2010. *R. Wayne Campbell, Ronald D. Jakimchuk, and Dennis A. Demarchi*
- 810 IN MEMORIAM: GALE WENDELL MONSON, 1912–2012. *John P. Hubbard and R. Roy Johnson*
- 812 IN MEMORIAM: ERNEST PRESTON EDWARDS, 1919–2011. *Allen M. Hale*
- 813 IN MEMORIAM: HENRY MILTON REEVES, 1927–2013. *C. Stuart Houston and Clait E. Braun*

BOOK REVIEWS

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

AWARDS

- 819 WILLIAM BREWSTER MEMORIAL AWARD, 2013: *J. V. ("Van") Remsen, Jr.*
- 821 ELLIOTT COUES AWARD, 2013: *Russell Greenberg*
- 823 NED K. JOHNSON YOUNG INVESTIGATOR AWARD, 2013: *Cory E. Tarwater*
- 825 RALPH W. SCHREIBER CONSERVATION AWARD, 2013: *Sheila Conant*
- 827 MARION A. JENKINSON AOU SERVICE AWARD, 2013: *Spencer G. Sealy*

POSTSCRIPT

- 828 100 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