



## Table of Contents

Source: The Auk, 131(4)

Published By: American Ornithological Society

URL: <https://doi.org/10.1642/AUK-2014.131.4.toc>

---

BioOne Complete ([complete.BioOne.org](https://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).

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

### PERSPECTIVE

#### BEHAVIOR AND BEHAVIORAL ECOLOGY

- 718 **Redefining reproductive success in songbirds: Moving beyond the nest success paradigm** by Henry M. Streby, Jeanine M. Refsnider, and David E. Andersen

### RESEARCH ARTICLES

#### POPULATION BIOLOGY AND ECOLOGY

- 457 **First global census of the Adélie Penguin** by H. J. Lynch and M. A. LaRue  
619 **Predator-mediated interactions between lemmings and shorebirds: A test of the alternative prey hypothesis** by Laura McKinnon, Dominique Berteaux, and Joël Bêty

#### REPRODUCTIVE AND BREEDING BIOLOGY

- 467 **Intraclutch variation in egg appearance of Brown-headed Cowbird hosts** by Virginia E. Abernathy and Brian D. Peer  
495 **An alpine-breeding songbird can adjust dawn incubation rhythms to annual thermal regimes** by Elizabeth C. MacDonald, Alaine F. Camfield, Jill E. Jankowski, and Kathy Martin  
507 **Individual and environmental effects on egg allocations of female Greater Sage-Grouse** by Erik J. Blomberg, Daniel Gibson, Michael T. Atamian, and James S. Sedinger  
539 **Experimental analysis of nest-site choice and its relationship to nest success in an open-cup-nesting passerine** by Sarah Cancellieri and Michael T. Murphy  
571 **Northern Flickers increase provisioning rates to raise more but poorer quality offspring when given experimentally enlarged broods** by Annessa B. Musgrove and Karen L. Wiebe  
672 **Plasticity of incubation behaviors helps Wood Ducks (*Aix sponsa*) maintain an optimal thermal environment for developing embryos** by Maureen E. McClintock, Gary R. Hepp, and Robert A. Kennamer

#### THEORETICAL AND METHODOLOGICAL ADVANCES

- 476 **A hierarchical model combining distance sampling and time removal to estimate detection probability during avian point counts** by Courtney L. Amundson, J. Andrew Royle, and Colleen M. Handel

#### EVOLUTION AND GENETICS

- 524 **Rapid radiation and hybridization contribute to weak differentiation and hinder phylogenetic inferences in the New World Mallard complex (*Anas spp.*)** by Philip Lavretsky, Blanca E. Hernández-Baños, and Jeffrey L. Peters  
559 **Effects of climate change on the evolution of Brown Creeper (*Certhia americana*) lineages** by Joseph D. Manthey, John Klicka, and Garth M. Spellman  
629 **Divergence history of the Rufous-tailed Tailorbird (*Orthotomus sericeus*) of Sundaland: Implications for the biogeography of Palawan and the taxonomy of island species in general** by Haw Chuan Lim, Vivien L. Chua, Phred M. Benham, Carl H. Oliveros, Mustafa Abdul Rahman, Robert G. Moyle, and Frederick H. Sheldon

## PARASITES AND DISEASES

- 583 **Rejection of parasitic eggs in passerine hosts: Size matters more for a non-ejecter** by Mélanie F. Guigueno, Spencer G. Sealy, and Ashleigh M. Westphal
- 694 **Effect of parasite-to-host egg ratio on egg rejection by a Brown-headed Cowbird host** by A. Karlien Lang, Eric K. Bollinger, and Brian D. Peer

## COMMUNICATION AND SENSORY ECOLOGY

- 549 **An experimental test of host song mimicry as a species recognition cue among male brood parasitic indigobirds (*Vidua* spp.)** by Jeffrey M. DaCosta and Michael D. Sorenson

## FORAGING ECOLOGY

- 595 **From colony to first patch: Processes of prey searching and social information in Cape Gannets** by Andréa Thiebault, Ralf Mullers, Pierre Pistorius, María Andrea Meza-Torres, Laurent Dubroca, David Green, and Yann Tremblay

## SPACING PATTERNS AND HABITAT USE

- 610 **Ranging behavior of female and male Shiny Cowbirds and Screaming Cowbirds while searching for host nests** by Romina C. Scardamaglia and Juan C. Reboreda
- 681 **Modeling three-dimensional space use and overlap in birds** by Nathan W. Cooper, Thomas W. Sherry, and Peter P. Marra

## SYSTEMATICS AND NOMENCLATURE

- 643 **Taxonomy of “Mouse-colored Tapaculos” (II): An endangered new species from the montane Atlantic Forest of southern Bahia, Brazil (Passeriformes: Rhinocryptidae: *Scytalopus*)** by Giovanni Nachtigall Maurício, Ricardo Belmonte-Lopes, José Fernando Pacheco, Luís Fábio Silveira, Bret M. Whitney, and Marcos Ricardo Bornschein

## BEHAVIOR AND PHYSIOLOGY

- 660 **Small and variable sperm sizes suggest low sperm competition despite multiple paternity in a lekking subsocial bird** by Rebecca J. Sardell and Emily H. DuVal
- 743 **Influence of primary reproductive investments on blood biochemistry, leukocyte profile, and body mass in a small Arctic seabird** by Katarzyna Wojczulanis-Jakubas, Dariusz Jakubas, Izabela Kulaszewicz, Dorota Kidawa, and Jan R. E. Taylor

## BEHAVIOR AND BEHAVIORAL ECOLOGY

- 727 **Individual and temporal variability in the courtship behavior of White-ruffed Manakins (*Corapipo altera*), a species with facultative cooperative displays** by Megan A. Jones, Emily H. DuVal, and W. Alice Boyle
- 756 **The socioecology of Monk Parakeets: Insights into parrot social complexity** by Elizabeth A. Hobson, Michael L. Avery, and Timothy F. Wright

## MIGRATION AND ORIENTATION

- 702 **Fall stopover strategies of three species of thrush (*Catharus*) in northern South America** by Camila Gómez, Nicholas J. Bayly, and Kenneth V. Rosenberg

**100 YEARS AGO IN THE AOU**

- 776 **100 Years Ago in the American Ornithologists' Union** by Kimberly G. Smith

**BOOK REVIEWS**

- 779 *40 Years of Evolution. Darwin's Finches on Daphne Major Island* by Peter R. Grant and B. Rosemary Grant by Daniel Simberloff

**IN MEMORIAM**

- 782 M. Philip Kahl, 1934–2012 by David O. Hill

**ANNUAL THANKS TO REVIEWERS**

- 787 Thank You to the Reviewers of the 2014 *Auk*, Volume 131 by Mark E. Hauber

**CHECK-LIST OF NORTH AMERICAN BIRDS**

- CSi Fifty-Fifth Supplement to the American Ornithologists' Union *Check-list of North American Birds* by R. Terry Chesser, Richard C. Banks, Carla Cicero, Jon L. Dunn, Andrew W. Kratter, Irby J. Lovette, Adolfo G. Navarro-Sigüenza, Pamela C. Rasmussen, J. V. Remsen Jr., James D. Rising, Douglas F. Stotz, and Kevin Winker