



Table of Contents

Source: The Auk, 132(1)

Published By: American Ornithological Society

URL: <https://doi.org/10.1642/AUK-2014.132.1.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

PERSPECTIVE

COMMUNICATION AND SENSORY ECOLOGY

- 156 **On the existence and potential functions of low-amplitude vocalizations in North American birds** by Dustin G. Reichard and Joseph F. Welklin

RESEARCH ARTICLES

SPACING PATTERNS AND HABITAT USE

- 1 **Tropical montane birds have increased nesting success on small river islands** by David Ocampo and Gustavo A. Londoño
- 212 **Conservative and opportunistic settlement strategies in Arctic-breeding shorebirds** by Sarah T. Saalfeld and Richard B. Lanctot
- 265 **The importance of site to mate choice: Mate and site fidelity in Piping Plovers** by Meryl J. Friedrich, Kelsi L. Hunt, Daniel H. Catlin, and James D. Fraser

COMMUNICATION AND SENSORY ECOLOGY

- 11 **Birds build camouflaged nests** by Ida E. Bailey, Felicity Muth, Kate Morgan, Simone L. Meddle, and Susan D. Healy

PARASITES AND DISEASES

- 16 **Reproductive success of the specialist brood parasite Screaming Cowbird in an alternative host, the Chopi Blackbird** by Alejandro G. Di Giacomo and Juan C. Reboreda

INTEGRATIVE AND CROSS-DISCIPLINARY STUDIES

- 25 **Spatial patterns in hydrogen isotope ratios in feathers of Burrowing Owls from western North America** by Alberto Macías-Duarte and Courtney J. Conway
- 167 **Migration and song elaboration in wood-warblers (*Geothlypis*)** by Bruce E. Byers

REPRODUCTIVE AND BREEDING BIOLOGY

- 37 **Behavioral plasticity in nest building increases fecundity in marsh birds** by Ellen P. Robertson and Brian J. Olsen
- 46 **Life-history tradeoffs and reproductive cycles in Spotted Owls** by Ricka E. Stoelting, R. J. Gutiérrez, William L. Kendall, and M. Zachariah Peery
- 235 **Drought-caused delay in nesting of Sonoran Desert birds and its facilitation of parasite- and predator-mediated variation in reproductive success** by Chris McCreedy and Charles van Riper, III
- 288 **Paving the way: Multifunctional nest architecture of the Rock Wren** by Nathaniel Warning and Lauryn Benedict

MORPHOLOGY AND ANATOMY

- 65 **The functional morphology of male courtship displays in the Pectoral Sandpiper (*Calidris melanotos*)** by Tobias Riede, Wolfgang Forstmeier, Bart Kempenaers, and Franz Goller
- 92 **Quantitative color variation within and across morphs of the polymorphic White-throated Sparrow** by Nathan A. Rathbun, Andrea S. Grunst, Melissa L. Grunst, Joanna K. Hubbard, Rebecca J. Safran, Rusty A. Gonser, and Elaina M. Tuttle

BEHAVIOR AND BEHAVIORAL ECOLOGY

- 82 **Displaying to females may lower male foraging time and vigilance in a lekking bird** by Sarah A. Cowles, and Robert M. Gibson

MIGRATION AND ORIENTATION

- 105 **Autumn morning flights of migrant songbirds in the northeastern United States are linked to nocturnal migration and winds aloft** by Benjamin M. Van Doren, Daniel Sheldon, Jeffrey Geevarghese, Wesley M. Hochachka, and Andrew Farnsworth

PHYSIOLOGY AND BIOCHEMISTRY

- 119 **Comparative digesta retention patterns in ratites** by Samuel Frei, Sylvia Ortmann, Christoph Reutlinger, Michael Kreuzer, Jean-Michel Hatt, and Marcus Clauss

SYSTEMATICS AND NOMENCLATURE

- 132 **The enigmatic Black Tinamou: Do distribution, climate, and vocalizations reveal more than one species?** by Pablo Jose Negret and Oscar Laverde-R.
- 248 **Divergence in morphology, calls, song, mechanical sounds, and genetics supports species status for the Inaguan hummingbird (Trochilidae: *Calliphlox "evelynae" lyrura*)** by Teresa J. Feo, Jacob M. Musser, Jacob Berv, and Christopher James Clark

PHYLOGEOGRAPHY

- 140 **Dispersal and speciation in purple swamphens (Rallidae: *Porphyrio*)** by Juan C. Garcia-R. and Steve A. Trewick
- 300 **Patterns of diversification in small New World ground doves are consistent with major geologic events** by Andrew D. Sweet and Kevin P. Johnson

EVOLUTIONARY HISTORY AND PALEONTOLOGY

- 180 **Morphological divergence in a continental adaptive radiation: South American ovenbirds of the genus *Cinclodes*** by Jonathan A. Rader, Michael E. Dillon, R. Terry Chesser, Pablo Sabat, and Carlos Martínez del Río

POPULATION BIOLOGY AND ECOLOGY

- 191 **Finding the best predictor of reproductive performance of Leach's Storm-Petrels** by Morgan E. Gilmour, Christine R. Lattin, L. Michael Romero, Mark F. Haussmann, Robert A. Mauck, and Donald C. Dearborn

METHODS AND STATISTICS

- 206 **Corrosion casts: A novel application of a polyurethane resin (PU4ii) for visualizing eggshell pore morphology** by Jason P. Murphy, Mark T. Swanson, William B. Jaeckle, and R. Given Harper
- 277 **Digital photography quantifies plumage variation and salt marsh melanism among Song Sparrow (*Melospiza melodia*) subspecies of the San Francisco Bay** by Sarah A. M. Luttrell, Sara T. Gonzalez, Bernard Lohr, and Russell Greenberg

COMMENTARY

SYSTEMATICS AND NOMENCLATURE

- 78 **Biological species and taxonomic species: Will a new null hypothesis help? (A comment on Gill 2014)** by David P. L. Toews

100 YEARS AGO IN THE AOU

- 313 **100 Years Ago in the American Ornithologists' Union** by Kimberly G. Smith

BOOK REVIEWS

- 315 *The Double-crested Cormorant, Plight of a Feathered Pariah* by Linda R. Wires by Daniel D. Roby
- 317 *The Birds of New Hampshire* by Allan R. Keith and Robert P. Fox by Jon S. Greenlaw