



## Table of Contents

Source: The Condor, 119(3)

Published By: American Ornithological Society

URL: <https://doi.org/10.1650/0010-5422-119.3.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](https://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

### RESEARCH ARTICLES

#### HABITAT EFFECTS ON REPRODUCTIVE SUCCESS

- 361 **Nest-site selection and nest survival of Bachman's Sparrows in two longleaf pine communities** by Jason M. Winiarski, Alexander C. Fish, Christopher E. Moorman, John P. Carpenter, Christopher S. DePerno, and Jessica M. Schillaci
- 459 **How will sea-level rise affect threats to nesting success for Seaside Sparrows?** by Elizabeth A. Hunter
- 497 **Post-fledging habitat use in the Dickcissel** by Todd M. Jones, Jeffrey D. Brawn, and Michael P. Ward

#### HABITAT SELECTION

- 375 **California Spotted Owl (*Strix occidentalis occidentalis*) habitat use patterns in a burned landscape** by Stephanie A. Eyes, Susan L. Roberts, and Matthew D. Johnson
- 469 **Territory and nest site selection patterns by Grasshopper Sparrows in southeastern Arizona** by Janet M. Ruth and Susan K. Skagen

#### SAMPLING METHODS

- 389 **Environmental conditions and animal behavior influence performance of solar-powered GPS-GSM transmitters** by Michael E. Byrne, Amanda E. Holland, A. Lawrence Bryan, and James C. Beasley

#### LONG-TERM DEMOGRAPHY

- 405 **Declining population trends of Hawaiian Petrel and Newell's Shearwater on the island of Kaua'i, Hawaii, USA** by André F. Raine, Nick D. Holmes, Marc Travers, Brian A. Cooper, and Robert H. Day

#### LANDSCAPE ECOLOGY

- 416 **Effects of anthropogenic disturbance on bird diversity in Ethiopian montane forests** by Addisu Asefa, Andrew B. Davies, Andrew E. McKechnie, Anouska A. Kinahan, and Berndt J. van Rensburg

#### NUISANCE BIRD MANAGEMENT

- 431 **Intense short-wavelength light triggers avoidance response by Red-tailed Hawks: A new tool for raptor diversion?** by Carol R. Foss, Donald J. Ronning, and David A. Merker

#### MIGRATORY CONNECTIVITY

- 439 **Winter diet of Bobolink, a long-distance migratory grassland bird, inferred from feather isotopes** by Rosalind B. Renfrew, Jason M. Hill, Daniel H. Kim, Christopher Romanek, and Noah G. Perlut

#### INVASIVE SPECIES

- 449 **The establishment threat of the obligate brood-parasitic Pin-tailed Whydah (*Vidua macroura*) in North America and the Antilles** by Robert Crystal-Ornelas, Julie L. Lockwood, Phillip Cassey, and Mark E. Hauber

#### ENERGY INFRASTRUCTURE

- 484 **Grassland bird community and acoustic complexity appear unaffected by proximity to a wind energy facility in the Nebraska Sandhills** by Edward J. Raynor, Cara E. Whalen, Mary Bomberger Brown, and Larkin A. Powell

**SPECIAL SECTION ON THE NORTH AMERICAN BREEDING BIRD SURVEY**

Keith L. Pardieck and Colleen M. Handel, Section Editors

**DEDICATION**

- 505 **In Dedication to Chandler S. Robbins (1918–2017)** by Keith L. Pardieck

**PERSPECTIVE**

- 576 **The first 50 years of the North American Breeding Bird Survey** by John R. Sauer, Keith L. Pardieck, David J. Ziolkowski, Jr., Adam C. Smith, Marie-Anne R. Hudson, Vicente Rodriguez, Humberto Berlanga, Daniel K. Niven, and William A. Link

**REVIEWS**

- 526 **The role of the North American Breeding Bird Survey in conservation** by Marie-Anne R. Hudson, Charles M. Francis, Kate J. Campbell, Constance M. Downes, Adam C. Smith, and Keith L. Pardieck
- 594 **Use of North American Breeding Bird Survey data in avian conservation assessments** by Kenneth V. Rosenberg, Peter J. Blancher, Jessica C. Stanton, and Arvind O. Panjabi

**RESEARCH ARTICLES**

- 506 **Developing spatial models to guide conservation of grassland birds in the U.S. Northern Great Plains** by Neal D. Niemuth, Michael E. Estey, Sean P. Fields, Brian Wangler, Andy A. Bishop, Pamela J. Moore, Roger C. Grosse, and Adam J. Ryba
- 546 **Model selection for the North American Breeding Bird Survey: A comparison of methods** by William A. Link, John R. Sauer, and Daniel K. Niven
- 557 **Combined analysis of roadside and off-road breeding bird survey data to assess population change in Alaska** by Colleen M. Handel and John R. Sauer
- 607 **How well do route survey areas represent landscapes at larger spatial extents? An analysis of land cover composition along Breeding Bird Survey routes** by Joseph A. Veech, Keith L. Pardieck, and David J. Ziolkowski, Jr.
- 616 **Integrating Breeding Bird Survey and demographic data to estimate Wood Duck population size in the Atlantic Flyway** by Guthrie S. Zimmerman, John R. Sauer, G. Scott Boomer, Patrick K. Devers, and Pamela R. Garrettson

**BOOK REVIEWS**

- 629 *Birds Never Get Lost* by Colin Pennycuik and Sandy Pennycuik, reviewed by John J. Videler
- 631 *Ecology and Conservation of Lesser Prairie-Chickens* edited by David A. Haukos and Clint W. Boal, reviewed by Larkin A. Powell
- 633 *Flight Paths: A Field Journal of Hope, Heartbreak, and Miracles with New York's Bird People* by Darryl McGrath, reviewed by Michael L. Schummer
- 635 *Golden-winged Warbler Ecology, Conservation, and Habitat Management* edited by Henry M. Streby, David E. Andersen, and David A. Buehler, reviewed by Ronald A. Canterbury

**IN MEMORIAM**

- 637 **Richard G. Beidleman, 1923–2014** by Patricia L. Kennedy