



# BioOne COMPLETE

---

## Cover

Source: The Condor, 113(2)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/cond.2011.113.2.cover>

---

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).

---

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

## RESEARCH PAPERS

- The Water Penetration and Repellency of Feathers Revisited  
ARIE M. RIJKE AND WILLIAM A. JESSER . . . . . 245
- Tamarisk Biocontrol Using Tamarisk Beetles: Potential Consequences for Riparian Birds in the Southwestern United States  
EBEN H. PAXTON, TAD C. THEIMER, AND MARK K. SOGGE . . . . . 255
- Distributional Changes of Landbird Species in Agroecosystems of Central Argentina  
MARIANO CODESIDO, CARLOS GONZÁLEZ-FISCHER, AND DAVID BILENCA . . . . . 266
- Effects of Regional Cold Fronts and Localized Weather Phenomena on Autumn Migration of Raptors and Landbirds in Southwest Idaho  
ROBERT A. MILLER, JAY D. CARLISLE, AND GREGORY S. KALTENECKER. . . . . 274
- Plasma Metabolites and Mass Changes of Migratory Landbirds Indicate Adequate Stopover Refueling in a Heavily Urbanized Landscape  
CHAD L. SEEWAGEN, CHRISTINE D. SHEPPARD, ERIC J. SLAYTON, AND CHRISTOPHER G. GUGLIELMO. . . 284
- Testing Competing Hypotheses for Chronology and Intensity of Lesser Scaup Molt during Winter and Spring Migration  
MICHAEL J. ANTEAU, ANDREA C. E. ANTEAU, AND ALAN D. AFTON . . . . . 298
- The Influence of Fine-Scale Habitat Features on Regional Variation in Population Performance of Alpine White-tailed Ptarmigan  
BRADLEY FEDY AND KATHY MARTIN . . . . . 306
- Parental Behavior Controls Incubation Period and Asynchrony of Hatching in Magellanic Penguins  
GINGER A. REBSTOCK AND P. DEE BOERSMA . . . . . 316
- The Gray Hawk (*Buteo nitidus*) Is Two Species  
BRIAN A. MILLSAP, SERGIO H. SEIPKE, AND WILLIAM S. CLARK . . . . . 326
- Migration and Wintering Areas of Glaucous-winged Gulls from South-Central Alaska  
SCOTT A. HATCH, VERENA A. GILL, AND DANIEL M. MULCAHY . . . . . 340
- Effects of Gypsy Moth Outbreaks on North American Woodpeckers  
WALTER D. KOENIG, ERIC L. WALTERS, AND ANDREW M. LIEBHOLD . . . . . 352
- Resin-Barrier Maintenance as a Mechanism of Differential Predation among Occupants of Red-cockaded Woodpecker Cavities  
JOHN J. KAPPES JR. AND KATHRYN E. SIEVING . . . . . 362
- Multiscalar Ecological Characterization of Say's and Eastern Phoebes and Their Zone of Contact in the Great Plains  
JOHN M. SCHUKMAN, ANDRÉS LIRA-NORIEGA, AND A. TOWNSEND PETERSON . . . . . 372
- Complex Biogeographic History of *Lanius* Shrikes and Its Implications for the Evolution of Defenses against Avian Brood Parasitism  
BRIAN D. PEER, CARL E. MCINTOSH, MICHAEL J. KUEHN, STEPHEN I. ROTHSTEIN,  
AND ROBERT C. FLEISCHER . . . . . 385
- Black-capped Chickadees Select Spotted Knapweed Seedheads with High Densities of Gall Fly Larvae  
CHRISTOPHER N. TEMPLETON . . . . . 395
- Influence of Condition and Habitat Use on Survival of Post-Fledging Songbirds  
ANDREW C. VITZ AND AMANDA D. RODEWALD . . . . . 400

(Continued on inside back cover)

Volume 113, Number 2 Issued 8 June 2011



## THE CONDOR

An International Journal of Avian Biology

VOLUME 113

NUMBER 2

MAY 2011

THE CONDOR

VOLUME 113, NUMBER 2, pp. 245-474

MAY 2011



PUBLISHED BY THE COOPER ORNITHOLOGICAL SOCIETY