



## Cover

Source: The Auk, 129(3)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2012.129.3.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](http://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

### PERSPECTIVES IN ORNITHOLOGY

- 367 INFERRING THE ORIGINS OF LOWLAND NEOTROPICAL BIRDS. *Robb T. Brumfield*

### RESEARCH ARTICLES

#### BEHAVIOR AND BEHAVIORAL ECOLOGY

- 377 REPRODUCTION IN STELLER'S JAYS (*CYANOCITTA STELLERI*): INDIVIDUAL CHARACTERISTICS AND BEHAVIORAL STRATEGIES. *Pia O. Gabriel and Jeffrey M. Black*
- 387 INCONSISTENT GEOGRAPHIC VARIATION IN THE CALLS AND DUETS OF BARRED OWLS (*STRIX VARIA*) ACROSS AN AREA OF GENETIC INTROGRESSION. *Karan J. Odom and Daniel J. Mennill*
- 399 EFFECTS OF SEA ICE ON WINTER SITE FIDELITY OF PACIFIC COMMON EIDERS (*SOMATERIA MOLLISSIMA V-NIGRUM*). *Margaret R. Petersen, David C. Douglas, Heather M. Wilson, and Sarah E. McCloskey*
- 409 WHAT FACTORS EXPLAIN DIFFERENTIAL USE WITHIN SWAINSON'S WARBLER (*LIMNOTHLYPIS SWAINSONII*) HOME RANGES? *Nicholas M. Anich, Thomas J. Benson, and James C. Bednarz*

#### COMMUNITY ECOLOGY

- 419 AVIAN USE OF EARLY-SUCCESSIONAL BOREAL FORESTS IN THE POSTBREEDING PERIOD. *Mélanie Major and André Desrochers*

#### EVOLUTION AND GENETICS

- 427 GENETIC AND MORPHOLOGICAL DIVERGENCE AMONG COOPER'S HAWK (*ACCIPITER COOPERII*) POPULATIONS BREEDING IN NORTH-CENTRAL AND WESTERN NORTH AMERICA. *Sarah A. Sonsthagen, Robert N. Rosenfield, John Bielefeldt, Robert K. Murphy, Andrew C. Stewart, William E. Stout, Timothy G. Driscoll, Michael A. Bozek, Brian L. Sloss, and Sandra L. Talbot*

#### METHODS AND STATISTICS

- 438 USING VIDEO MONITORING TO ASSESS THE ACCURACY OF NEST FATE AND NEST PRODUCTIVITY ESTIMATES BY FIELD OBSERVATION. *Jeffrey R. Ball and Erin M. Bayne*

#### MIGRATION

- 449 FALL MIGRATION OF THE VEERY (*CATHARUS FUSCESCENS*) IN NORTHERN COLOMBIA: DETERMINING THE ENERGETIC IMPORTANCE OF A STOPOVER SITE. *Nicholas J. Bayly, Camila Gómez, Keith A. Hobson, Ana María González, and Kenneth V. Rosenberg*

#### PARASITES AND DISEASE

- 460 STABLE ISOTOPES IDENTIFY DIETARY CHANGES ASSOCIATED WITH BEAK DEFORMITIES IN BLACK-CAPPED CHICKADEES (*POECILE ATRICAPILLUS*). *Caroline Van Hemert, Colleen M. Handel, and Diane M. O'Brien*

#### PHYLOGEOGRAPHY

- 467 CONTINENT-SCALE GENETIC STRUCTURE IN A BOREAL FOREST MIGRANT, THE BLACKPOLL WARBLER (*SETOPHAGA STRIATA*). *Joel Ralston and Jeremy J. Kirchman*

#### PHYSIOLOGY AND BEHAVIOR

- 479 A COMPARISON OF WINTER STRESS RESPONSES IN CARDUELINE FINCHES. *Sarah A. Knutie and Maria E. Pereyra*
- 491 RHODOXANTHIN AS A CHARACTERISTIC KETO-CAROTENOID OF MANAKINS (PIPRIDAE). *Jocelyn Hudon, Alline Storni, Elena Pini, Marina Anciães, and Riccardo Stradi*

#### POPULATION BIOLOGY AND DEMOGRAPHY

- 500 SURVIVAL OF RESIDENT NEOTROPICAL BIRDS: CONSIDERATIONS FOR SAMPLING AND ANALYSIS BASED ON 20 YEARS OF BIRD-BANDING EFFORTS IN MEXICO. *Viviana Ruiz-Gutiérrez, Paul F. Doherty, Jr., Eduardo Santana C., Sarahy Contreras Martínez, Jorge Schondube, Heriberto Verdugo Munguía, and Eduardo Inigo-Elias*
- 510 IS LAYING A LARGE EGG EXPENSIVE? FEMALE-BIASED COST OF FIRST REPRODUCTION IN A PETREL. *Ana Sanz-Aguilar, Eduardo Mínguez, and Daniel Oro*
- 517 TEMPORAL VARIATION IN LOCAL WETLAND HYDROLOGY INFLUENCES POSTDISPERSAL SURVIVAL OF JUVENILE WOOD STORKS (*MYCTERIA AMERICANA*). *Rena R. Borkhataria, Peter C. Frederick, Rebecca A. Keller, and Jaime A. Collazo*

#### REPRODUCTIVE AND BREEDING BIOLOGY

- 529 FEMALE RED-BACKED FAIRY-WRENS (*MALURUS MELANOCEPHALUS*) DO NOT APPEAR TO PAY A COST FOR HIGH RATES OF PROMISCUITY. *Claire W. Varian-Ramos, Willow R. Lindsay, Jordan Karubian, and Michael S. Webster*

