



BioOne COMPLETE

Cover

Source: The Auk, 128(4)

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2011.128.4.cover>

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.

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

RAPID COMMUNICATIONS

- 615 MALTREATED NESTLINGS EXHIBIT CORRELATED MALTREATMENT AS ADULTS: EVIDENCE OF A “CYCLE OF VIOLENCE” IN NAZCA BOOBIES (*SULA GRANTI*). *Martina S. Müller, Elaine T. Porter, Jacquelyn K. Grace, Jill A. Awkerman, Kevin T. Birchler, Alex R. Gunderson, Eric G. Schneider, Mark A. Westbrock, and David J. Anderson*

PERSPECTIVES IN ORNITHOLOGY

- 620 GENETIC INTROGRESSION: AN INTEGRAL BUT NEGLECTED COMPONENT OF SPECIATION IN BIRDS. *Frank E. Rheindt and Scott V. Edwards*

RESEARCH ARTICLES

BEHAVIOR AND BEHAVIORAL ECOLOGY

- 633 SITE FIDELITY AND LIFETIME TERRITORIAL CONSISTENCY OF OVENBIRDS (*SEIURUS AUROCAPILLA*) IN A CONTIGUOUS FOREST. *Michael J. Bernard, Laurie J. Goodrich, Walter M. Tzilkowski, and Margaret C. Brittingham*
- 643 ENERGY INTAKE, KLEPTOPARASITISM RISK, AND PREY CHOICE BY GLAUCOUS-WINGED GULLS (*LARUS GLAUCESCENS*) FORAGING ON SEA STARS. *Justin P. Suraci and Lawrence M. Dill*
- 651 DYNAMIC HABITAT SELECTION BY TWO WADING BIRD SPECIES WITH DIVERGENT FORAGING STRATEGIES IN A SEASONALLY FLUCTUATING WETLAND. *James M. Beerens, Dale E. Gawlik, Garth Herring, and Mark I. Cook*

BEHAVIOR AND PHYSIOLOGY

- 663 EFFECTS OF INCUBATION DELAY ON VIABILITY AND MICROBIAL GROWTH OF WOOD DUCK (*AIX SPONSA*) EGGS. *Johnathan G. Walls, Gary R. Hepp, and Lori G. Eckhardt*

CONSERVATION BIOLOGY

- 671 FILM DOCUMENTATION OF THE PROBABLY EXTINCT IMPERIAL WOODPECKER (*CAMPEPHILUS IMPERIALIS*). *Martjan Lammertink, Tim W. Gallagher, Kenneth V. Rosenberg, John W. Fitzpatrick, Eric Liner, Jorge Rojas-Tomé, and Patricia Escalante*

EVOLUTION AND GENETICS

- 678 CONVERGENT GAINS OF RED CAROTENOID-BASED COLORATION IN THE NEW WORLD BLACKBIRDS. *Nicholas R. Friedman, Lynna M. Kiere, and Kevin E. Omland*

- 688 MAINTENANCE OF A HYBRID ZONE: THE ROLE OF FEMALE MATE CHOICE. *Jane M. Hughes, Alicia Toon, Peter B. Mather, and Corinna L. Lange*

PHYLOGEOGRAPHY

- 696 PHYLOGEOGRAPHY OF THE BARRED OWL (*STRIX VARIA*): SPECIES LIMITS, MULTIPLE REFUGIA, AND RANGE EXPANSION. *George F. Barrowclough, Jeff G. Groth, Karan J. Odom, and Jonas E. Lai*

POPULATION BIOLOGY AND DEMOGRAPHY

- 707 EFFECTS OF EXTREME CLIMATE EVENTS ON ADULT SURVIVAL OF THREE PACIFIC AUKS. *Kyle W. Morrison, J. Mark Hipfner, Gwylim S. Blackburn, and David J. Green*
- 716 BROOD SIZE AND LATE BREEDING ARE NEGATIVELY RELATED TO JUVENILE SURVIVAL IN A NEOTROPICAL MIGRATORY SONGBIRD. *Scott A. Tarof, Patrick M. Kramer, James R. Hill III, John Tautin, and Bridget J. M. Stutchbury*
- 726 ESTIMATING SURVIVAL AND LIFE-STAGE TRANSITIONS IN THE LAYSAN ALBATROSS (*PHOEBASTRIA IMMUTABILIS*) USING MULTISTATE MARK-RECAPTURE MODELS. *Eric A. VanderWerf and Lindsay C. Young*

REPRODUCTIVE AND BREEDING BIOLOGY

- 737 AN EXPERIMENTAL STUDY OF FLEDGING SUCCESS IN AMERICAN COOTS (*FULICA AMERICANA*): EFFECTS OF BROOD SIZE, FOOD AVAILABILITY, AND HATCHING ASYNCHRONY. *Todd W. Arnold*
- 746 EFFECTS OF SNOW-RELATED ENVIRONMENTAL VARIATION ON BREEDING SCHEDULES AND PRODUCTIVITY OF A HIGH-ALTITUDE POPULATION OF DUSKY FLYCATCHERS (*EMPIDONAX OBERHOLSERI*). *Maria E. Pereyra*
- 759 MERCURY EXPOSURE AFFECTS THE REPRODUCTIVE SUCCESS OF A FREE-LIVING TERRESTRIAL SONGBIRD, THE CAROLINA WREN (*THRYOTHORUS LUDOVICIANUS*). *Allyson K. Jackson, David C. Evers, Matthew A. Etterson, Anne M. Condon, Sarah B. Folsom, Jennifer Detweiler, John Schmerfeld, and Daniel A. Cristol*
- 770 EXTRAPAIR FERTILIZATIONS AND THE POTENTIAL FOR SEXUAL SELECTION IN A SOCIALLY MONOGAMOUS SONGBIRD. *Angelika Poesel, H. Lisle Gibbs, and Douglas A. Nelson*

SYSTEMATICS

- 777 DIVERSIFICATION OF AN ENDEMIC SOUTHEAST ASIAN GENUS: PHYLOGENETIC RELATIONSHIPS OF THE SPIDERHUNTERS (NECTARINIIDAE: ARACHNOTHERA). *Robert G. Moyle, Sabrina S. Taylor, Carl H. Oliveros, Haw Chuan Lim, Cheryl L. Haines, Mustafa A. Rahman, and Frederick H. Sheldon*



The Auk

VOLUME 128, NUMBER 4, OCTOBER 2011
AN INTERNATIONAL JOURNAL OF ORNITHOLOGY

THE AUK

Vol. 128, No. 4, Pages 615–829

October 2011



PUBLISHED BY THE AMERICAN ORNITHOLOGISTS’ UNION

(Continued on inside back cover)