





## CONTENTS

### PERSPECTIVES IN ORNITHOLOGY

- 1 BIRD ORIGINS ANEW. *Alan Feduccia*

### RESEARCH ARTICLES

#### BEHAVIOR AND BEHAVIORAL ECOLOGY

- 13 DEER REDUCE HABITAT QUALITY FOR A WOODLAND SONGBIRD: EVIDENCE FROM SETTLEMENT PATTERNS, DEMOGRAPHIC PARAMETERS, AND BODY CONDITION. *Chas A. Holt, Robert J. Fuller, and Paul M. Dolman*
- 21 BEHAVIORAL AND DEMOGRAPHIC CONSEQUENCES OF ACCESS TO EARLY-SUCCESSIONAL HABITAT IN JUVENILE OVENBIRDS (*SEIURUS AUROCAPILLA*): AN EXPERIMENTAL APPROACH. *Andrew C. Vitz and Amanda D. Rodewald*
- 30 RAPID CHANGE IN A TYPE I SONG DIALECT OF HERMIT WARBLERS (*SETOPHAGA OCCIDENTALIS*). *Stewart W. Janes and Lee Ryker*
- 36 POSTFLEDGING MOVEMENTS IN BIRDS: DO TIT FAMILIES TRACK ENVIRONMENTAL PHENOLOGY? *Tore Slagsvold, Ane Eriksen, Rosa Mary de Ayala, Jan Husek, and Karen L. Wiebe*
- 46 SPATIAL VARIATION IN BREEDING HABITAT SELECTION BY CERULEAN WARBLERS (*SETOPHAGA CERULEA*) THROUGHOUT THE APPALACHIAN MOUNTAINS. *Than J. Boves, David A. Buehler, James Sheehan, Petra Bohall Wood, Amanda D. Rodewald, Jeffrey L. Larkin, Patrick D. Keyser, Felicity L. Newell, Andrea Evans, Gregory A. George, and T. B. Wigley*

#### BEHAVIOR AND PHYSIOLOGY

- 60 IDENTICAL METABOLIC RATE AND THERMAL CONDUCTANCE IN ROCK SANDPIPER (*CALIDRIS PTILOCNEMIS*) SUBSPECIES WITH CONTRASTING NONBREEDING LIFE HISTORIES. *Daniel R. Ruthrauff, Anne Dekinga, Robert E. Gill, Jr., and Theunis Piersma*

#### CONSERVATION BIOLOGY

- 69 POSTFLEDGING SURVIVAL, MOVEMENTS, AND DISPERSAL OF RING OUZELS (*TURDUS TORQUATUS*). *Innes M. W. Sim, Sonja C. Ludwig, Murray C. Grant, Joanna L. Loughrey, Graham W. Rebecca, and Jane M. Reid*

#### EVOLUTION AND GENETICS

- 78 GENETIC RELATIONSHIPS AMONG SOME SUBSPECIES OF THE PEREGRINE FALCON (*FALCO PEREGRINUS* L.), INFERRED FROM MITOCHONDRIAL DNA CONTROL-REGION SEQUENCES. *Clayton M. White, Sarah A. Sonsthagen, George K. Sage, Clifford Anderson, and Sandra L. Talbot*

#### LANDSCAPE ECOLOGY

- 88 BROAD-SCALE RELATIONSHIPS BETWEEN SHOREBIRDS AND LANDSCAPES IN THE SOUTHERN GREAT PLAINS. *Gene Albanese and Craig A. Davis*

#### MIGRATION

- 98 ELEVATIONAL DIFFERENCES IN ESTIMATED FATTENING RATES SUGGEST THAT HIGH-ELEVATION SITES ARE HIGH-QUALITY HABITATS FOR FALL MIGRANTS. *Lesley J. Evans Ogden, Kathy Martin, and Tony D. Williams*
- 107 ASSESSING MIGRATION OF RUBY-THROATED HUMMINGBIRDS (*ARCHILOCHUS COLUBRIS*) AT BROAD SPATIAL AND TEMPORAL SCALES. *Jason R. Courter, Ron J. Johnson, William C. Bridges, and Kenneth G. Hubbard*

#### PHYLOGEOGRAPHY

- 118 PHYLOGEOGRAPHY OF THE VARIABLE DWARF-KINGFISHER *CEYX LEPIDUS* (AVES: ALCEDINIDAE) INFERRED FROM MITOCHONDRIAL AND NUCLEAR DNA SEQUENCES. *Michael J. Andersen, Carl H. Oliveros, Christopher E. Filardi, and Robert G. Moyle*

#### POPULATION BIOLOGY AND DEMOGRAPHY

- 132 LIFE-HISTORY TRADEOFFS IN SPOTTED OWLS (*STRIX OCCIDENTALIS*): IMPLICATIONS FOR ASSESSMENT OF TERRITORY QUALITY. *M. Zachariah Peery and R. J. Gutiérrez*
- 141 ASSOCIATION OF HABITAT CHARACTERISTICS WITH WINTER SURVIVAL OF A DECLINING GRASSLAND BIRD IN CHIHUAHUAN DESERT GRASSLANDS OF MEXICO. *Alberto Macias-Duarte and Arvind O. Panjabi*
- 150 SURVIVAL OF PIPING PLOVER (*CHARADRIUS MELODUS*) CHICKS IN THE GREAT LAKES REGION. *Lauren J. Brudney, Todd W. Arnold, Sarah P. Saunders, and Francesca J. Cuthbert*

#### REPRODUCTIVE AND BREEDING BIOLOGY

- 161 EVALUATING THE ROLES OF VISUAL OPENNESS AND EDGE EFFECTS ON NEST-SITE SELECTION AND REPRODUCTIVE SUCCESS IN GRASSLAND BIRDS. *Alexander C. Keyel, Allan M. Strong, Noah G. Perlut, and J. Michael Reed*
- 171 ALLOCATION OF NUTRIENTS TO REPRODUCTION AT HIGH LATITUDES: INSIGHTS FROM TWO SPECIES OF SYMPATRICALLY NESTING GEESE. *Christopher M. Sharp, Kenneth F. Abraham, Keith A. Hobson, and Gary Burness*

#### SYSTEMATICS

- 180 A NEW STORM-PETREL SPECIES FROM CHILE. *Peter Harrison, Michel Sallaberry, Chris P. Gaskin, Karen A. Baird, Alvaro Jaramillo, Shirley M. Metz, Mark Pearman, Michael O'Keeffe, Jim Dowdall, Seamus Enright, Kieran Fahy, Jeff Gilligan, and Gerard Lillie*

(Continued on inside back cover)



# The Auk

VOLUME 130, NUMBER 1, JANUARY 2013

AN INTERNATIONAL JOURNAL OF ORNITHOLOGY

THE AUK

Vol. 130, No. 1, Pages 1-210

January 2013



PUBLISHED BY THE AMERICAN ORNITHOLOGISTS' UNION