

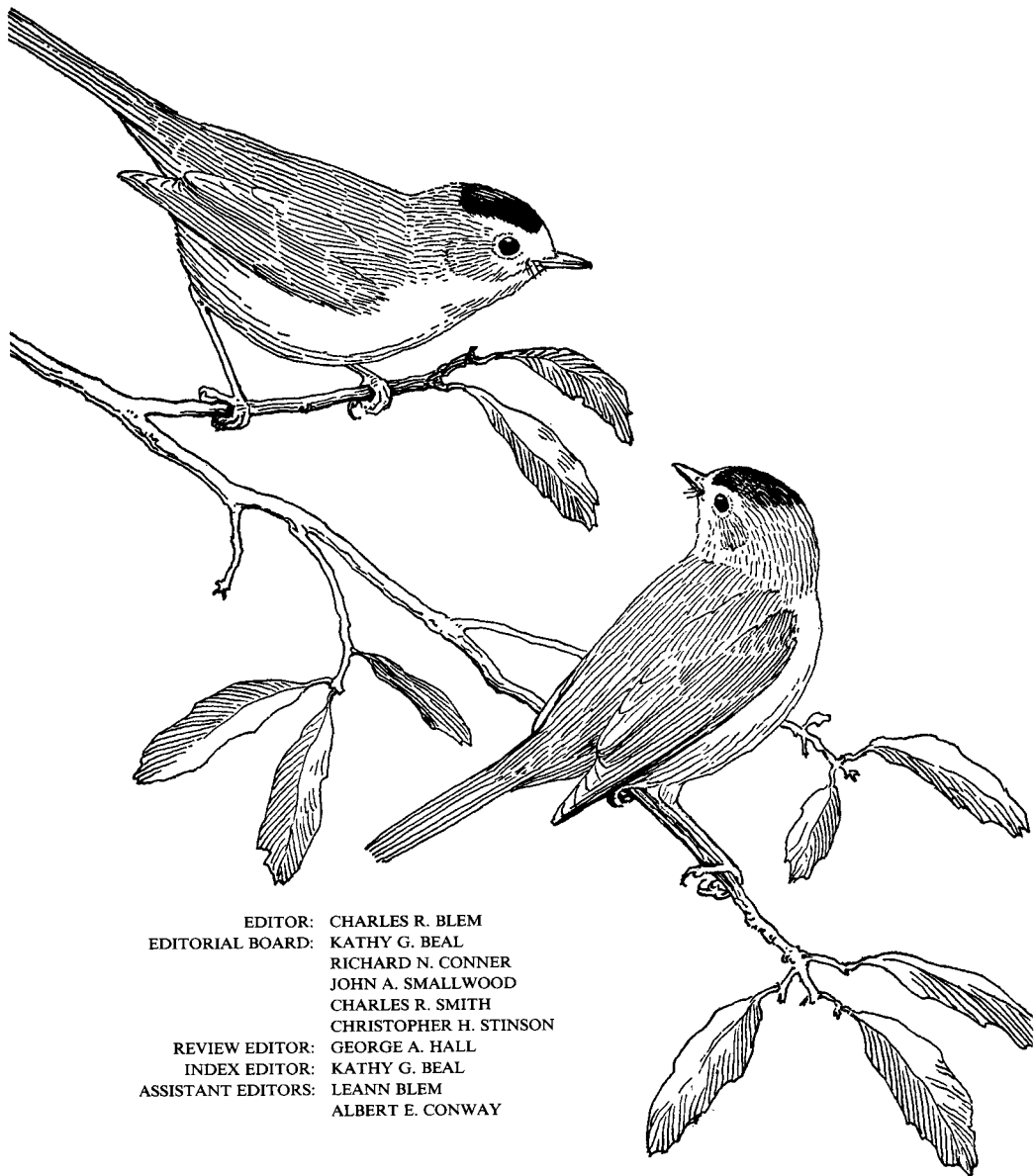
The Wilson Bulletin

PUBLISHED BY THE WILSON ORNITHOLOGICAL SOCIETY

VOLUME 105

1993

QUARTERLY



EDITOR: CHARLES R. BLEM
EDITORIAL BOARD: KATHY G. BEAL
RICHARD N. CONNER
JOHN A. SMALLWOOD
CHARLES R. SMITH
CHRISTOPHER H. STINSON
REVIEW EDITOR: GEORGE A. HALL
INDEX EDITOR: KATHY G. BEAL
ASSISTANT EDITORS: LEANN BLEM
ALBERT E. CONWAY

THE WILSON ORNITHOLOGICAL SOCIETY
FOUNDED DECEMBER 3, 1888

Named after ALEXANDER WILSON, the first American Ornithologist

President—Richard N. Conner, U.S. Forest Service, P.O. Box 7600, SFA Station, Nacogdoches, Texas 75962.

First Vice-President—Keith L. Bildstein, Hawk Mountain Sanctuary, RR2, Box 191, Kempton, Pennsylvania 19529-9449.

Second Vice-President—Edward H. Burt, Jr., Department of Biology, Ohio Wesleyan University, Delaware, Ohio 43015.

Editor—Charles R. Blem, Department of Biology, Virginia Commonwealth University, Richmond, Virginia 23284-2012.

Secretary—John L. Zimmerman, Division of Biology, Kansas State University, Manhattan, Kansas 66506.

Treasurer—Doris J. Watt, Department of Biology, Saint Mary's College, Notre Dame, Indiana 46556.

Elected Council Members—Robert D. Burns and D. Scott Wood (terms expire 1994), Janet G. Hinshaw and John C. Kricher (terms expire 1995), and Donald F. Caccamise and Laurie J. Goodrich (terms expire 1996).

DATES OF ISSUE OF VOLUME 105
OF THE WILSON BULLETIN

NO. 1—12 MARCH 1993

NO. 2—1 JUNE 1993

NO. 3—1 SEPTEMBER 1993

NO. 4—29 DECEMBER 1993

CONTENTS OF VOLUME 105

NUMBER 1

MAJOR PAPERS

ECOLOGICAL AND EVOLUTIONARY PERSPECTIVES ON ESCAPE FROM PREDATORY ATTACK: A SURVEY OF NORTH AMERICAN BIRDS	<i>Steven L. Lima</i> 1
RE-EVALUATION OF MORPH-SPECIFIC VARIATIONS IN PARENTAL BEHAVIOR OF THE WHITE-THROATED SPARROW	<i>Jeffrey G. Kopachena and J. Bruce Falls</i> 48
BREEDING GROUND FIDELITY AND MATE RETENTION IN THE PACIFIC GOLDEN-PLOVER	60
..... <i>Oscar W. Johnson, Peter G. Connors, Phillip L. Bruner, and John L. Maron</i>	60
PROXIMATE DETERMINANTS OF FORAGING EFFORT IN BREEDING MALE MERLINS	68
..... <i>Navjot S. Sodhi</i>	68
HABITAT CHARACTERISTICS RELATED TO PILEATED WOODPECKER DENSITIES IN MISSOURI	77
..... <i>Rochelle B. Renken and Ernie P. Wiggers</i>	77
REPRODUCTIVE ECOLOGY OF DUSKY FLYCATCHERS IN WESTERN MONTANA.....	84
..... <i>James A. Sedgwick</i>	84
BIOCHEMICAL AND MORPHOMETRIC RELATIONSHIPS AMONG SOME MEMBERS OF THE CARDINALINAE	93
..... <i>Jeffrey W. Tamplin, James W. Demastes, and J. V. Remsen, Jr.</i>	93
AVIFAUNA OF A CHACO LOCALITY IN BOLIVIA	114
..... <i>Andrew W. Kratter, T. Scott Sillett, R. Terry Chesser, John P. O'Neill, Theodore A. Parker III, and Abel Castillo</i>	114
STATUS AND POPULATION TRENDS OF HAWAII'S NATIVE WATERBIRDS, 1977-1987	142
..... <i>Andrew Engilis, Jr. and Thane K. Pratt</i>	142
BEHAVIORAL DEVELOPMENT OF MALE AND FEMALE RED-WINGED BLACKBIRDS	159
..... <i>Kevin L. Teather</i>	159
CURRENT STATUS OF THE SOCORRO MOCKINGBIRD	167
..... <i>Aradiu Castellanos and Ricardo Rodriguez-Estrella</i>	167
DYNAMICS OF DEPREDATION ON ARTIFICIAL GROUND NESTS IN HABITAT MANAGED FOR RUFFED GROUSE	172
..... <i>Richard H. Yahner, Carolyn G. Mahan, and Colleen A. Delong</i>	172
INFLUENCE OF OBSERVATION POSTS ON TERRITORY SIZE OF NORTHERN SHRIKES ..	180
..... <i>Reuven Yosef</i>	180
SHORT COMMUNICATIONS	
THE FORSTER'S TERN IN MINNESOTA: STATUS, DISTRIBUTION, AND REPRODUCTIVE SUCCESS	184
..... <i>Francesca J. Cuthbert and Mei-Yao Louis</i>	184
INCREASE IN BREEDING POPULATION OF TUNDRA PEREGRINE FALCONS IN THE CENTRAL CANADIAN ARCTIC	188
..... <i>Christopher C. Shank, Robert G. Bromley, and Kim G. Poole</i>	188
MALE-MALE NESTING BEHAVIOR IN HOODED WARBLERS	190
..... <i>Daniel K. Niven</i>	190
OLIVE-SIDED FLYCATCHERS IN SOUTHEASTERN BRAZIL	193
..... <i>Edwin O. Willis, David W. Snow, Douglas F. Stotz, and T. A. Parker III</i>	193
NECTAR FEEDING BY EUROPEAN STARLINGS	194
..... <i>Christopher J. Feare</i>	194
ORNITHOLOGICAL LITERATURE	195

NUMBER 2

MAJOR PAPERS

TAXONOMIC REVISION OF THE GREATER ANTILLEAN PEWEE	217
..... <i>George B. Reynard, Orlando H. Garrido, and Robert L. Sutton</i>	217
REGIONAL VARIATION IN COWBIRD PARASITISM OF WOOD THRUSHES	228
..... <i>Jeffrey P. Hoover and Margaret C. Brittingham</i>	228

EFFECTS OF LONG-TERM FOREST CLEAR-CUTTING ON WINTERING AND BREEDING BIRDS	<i>Richard H. Yahner</i>	239
THE INFLUENCE OF GROVE SIZE ON BIRD SPECIES RICHNESS IN ASPEN PARKLANDS	<i>Brian W. Johns</i>	256
MIGRATING BIRDS AT A STOPOVER SITE IN THE SAINT CROIX RIVER VALLEY	<i>A. R. Weisbrod, C. J. Burnett, J. G. Turner, and Dwain W. Warner</i>	265
NESTING BIOLOGY OF THE YELLOW-THROATED EUPHONIA: LARGE CLUTCH SIZE IN A NEOTROPICAL FRUGIVORE	<i>Sarah Sargent</i>	285
PHYLOGENETIC AND BIOGEOGRAPHIC RELATIONSHIPS IN THE NEOTROPICAL GENUS <i>GYMNOPITHYS</i> (FORMICARIIDAE)	<i>Shannon J. Hackett</i>	301
SCOPATE TOMIA: AN ADAPTATION FOR HANDLING HARD-SHELLED PREY?	<i>Kenneth L. Gosner</i>	316
NESTING ACTIVITY OF YELLOW-BILLED LOONS ON THE COLVILLE RIVER DELTA, ALASKA, AFTER THE <i>EXXON VALDEZ</i> OIL SPILL	<i>Rebecca Field, Michael R. North, and Judith Wells</i>	325
RESPONSES OF NESTING COMMON TERNS AND LAUGHING GULLS TO FLYOVERS BY LARGE GULLS	<i>Paul M. Cavanagh and Curtice R. Griffin</i>	333
FATTY ACID COMPOSITION OF FAT DEPOTS IN WINTERING CANADA GEESE	<i>Jane E. Austin</i>	339
SHORT COMMUNICATIONS		
A HYBRID MANAKIN (<i>PIPRA</i>) FROM RORAIMA, BRAZIL, AND A PHYLOGENETIC PERSPECTIVE ON HYBRIDIZATION IN THE PIPRIDAE	<i>Douglas F. Stotz</i>	348
KIRTLAND'S WARBLERS BENEFIT FROM LARGE FOREST TRACTS	<i>Harold F. Mayfield</i>	351
MALE KIRTLAND'S WARBLER WITH INCUBATION PATCH	<i>Paul W. Sykes, Jr., Carol I. Bocetti, and Laurel A. Moore</i>	354
TEMPORAL DIFFERENCES IN SIZE OF NORTHERN SAW-WHET OWLS DURING SPRING MIGRATION	<i>Thomas W. Carpenter and Arthur L. Carpenter</i>	356
REVERSE MOUNTING IN THE BLACK-THROATED BLUE WARBLER	<i>Peter P. Marra</i>	359
FIRST AUTUMNAL REPORT OF BIRDS FROM RUM CAY, BAHAMAS	<i>Robert L. Norton</i>	361
FIRST DOCUMENTED RECORDS OF THE ARCTIC TERN ON THE PACIFIC COAST OF MEXICO	<i>Jose Fernando Villaseñor</i>	364
SWAINSON'S HAWK PREDATION ON DRAGONFLIES IN ARGENTINA	<i>D. Craig Rudolph and Charles D. Fisher</i>	365
THE WHITE-FACED SWIFT IN JALISCO, MEXICO	<i>Adolfo G. Navarro S., Hesiquio Benítez D., Víctor Sánchez B., Salvador García R., and Eduardo Santana C.</i>	366
COMMENTARY		
"DIURNAL ACTIVITY CENTERS" AND "INFORMATION CENTERS": A NEED FOR MORE CRITICAL STUDY	<i>Alan Tye</i>	368
THE "PATCH-SITTING HYPOTHESIS": A PARSIMONIOUS VIEW OF COMMUNAL ROOSTING BEHAVIOR	<i>Donald F. Caccamise</i>	372
ORNITHOLOGICAL LITERATURE		379
THE PINYON JAY: BEHAVIORAL ECOLOGY OF A COLONIAL AND COOPERATIVE CORVID	<i>Stephen B. Vander Wall</i>	379
A GUIDE TO THE BIRDS OF TRINIDAD AND TOBAGO	<i>Charles T. Collins</i>	380
NEW WORLD PARROTS IN CRISIS: SOLUTIONS FROM CONSERVATION BIOLOGY	<i>Glen E. Woolfenden</i>	381
IN SEARCH OF ARCTIC BIRDS	<i>David Freeland Parmelee</i>	382
BIRDS OF SOUTHWESTERN BRAZIL	<i>William Belton</i>	383

A MONOGRAPH OF THE PHEASANTS	<i>Harlan D. Walley</i>	384
MY WAY TO ORNITHOLOGY	<i>D. Scott Wood</i>	384
SHORT REVIEWS	<i>George A. Hall</i>	385

NUMBER 3

MAJOR PAPERS

THE GREEN JAY TURNS BLUE IN PERU: INTERRELATED ASPECTS OF THE ANNUAL CYCLE IN THE ARID TROPICAL ZONE	<i>Ned K. Johnson and Robert E. Jones</i>	389
POPULATION STRUCTURE AND GENE FLOW IN THE CHIPPING SPARROW AND A HYPOTHESIS FOR EVOLUTION IN THE GENUS <i>SPIZELLA</i>	<i>Robert M. Zink and Donna L. Dittmann</i>	399
EGG-LAYING INTERVALS IN THE LESSER SNOW GOOSE	<i>Claudia A. Schubert and Fred Cooke</i>	414
EGGS, NESTS, AND NESTING BEHAVIOR OF AKIAPOLAAU (DREPANIDINAE)	<i>Paul C. Banko and Julia Williams</i>	427
CHANGING NEST PLACEMENT OF HAWAIIAN COMMON AMAKIHI DURING THE BREEDING CYCLE	<i>Charles van Riper III, M. D. Kern, and M. K. Sogge</i>	436
FLEDGING SUCCESS IN EXPERIMENTALLY MANIPULATED BROODS OF HOUSE WRENS	<i>Todd W. Arnold</i>	448
SPACING BEHAVIOR AND REPRODUCTIVE ECOLOGY OF THE SEMIPALMATED PLOVER AT CHURCHILL, MANITOBA	<i>Allison Rippin Armstrong and Erica Nol</i>	455
REPRODUCTIVE SUCCESS OF AMERICAN KESTRELS NESTING ALONG AN INTERSTATE HIGHWAY IN CENTRAL IOWA	<i>Daniel E. Varland and Thomas M. Loughin</i>	465
BREEDING BIOLOGY OF THE EURASIAN NUTHATCH IN NORTHEASTERN SIBERIA	<i>Vladimir V. Pravosudov</i>	475
THE DUETTING BEHAVIOR OF EASTERN SCREECH-OWLS	<i>Paul H. Klatt and Gary Ritchison</i>	483
BREEDING SEASON DIET OF SHORT-EARED OWLS IN MASSACHUSETTS	<i>Denver W. Holt</i>	490
TROPHIC NICHE OF NEARCTIC SHORT-EARED OWLS	<i>Denver W. Holt</i>	497
HOUSE SPARROW RESPONSE TO MONOFILAMENT LINES AT NEST BOXES AND ADJACENT FEEDING SITES	<i>Patricia A. Pochop, Ron J. Johnson, and Kent M. Eskridge</i>	504
SHORT COMMUNICATIONS		
ADDITIONAL OBSERVATIONS ON THE BIRDS OF THE EXUMAS, BAHAMA ISLANDS	<i>Donald W. Buden and Alexander Sprunt IV</i>	514
PREDATION BY HERRING GULLS AND GREAT BLACK-BACKED GULLS ON HORSESHOE CRABS ...	<i>Mark L. Botton and Robert E. Loveland</i>	518
GROUND NEST PREDATION AND RUFFED GROUSE DENSITIES IN SOUTHWEST VIRGINIA	<i>David G. Hewitt and Roy L. Kirkpatrick</i>	521
POTENTIAL PREDATORY ATTACK BY COMMON RAVENS ON PORCUPINES	<i>Thomas M. Gehring</i>	524
SEXUAL DIFFERENCES IN BILL SHAPE AND EXTERNAL MEASUREMENTS OF CRESTED AUKLETS	<i>Ian L. Jones</i>	525
AMERICAN REDSTARTS USING YELLOW WARBLERS' NESTS	<i>Stephen M. Yezerinac</i>	529
PARENT LOGGERHEAD SHRIKES INDUCE NESTLINGS TO FLEDGE	<i>Christopher P. Woods</i>	531
HATCHING YEAR KIRTLAND'S WARBLER CAPTURED IN UNUSUAL HABITAT	<i>Carol I. Bocetti</i>	532
MIGRANT HOODED WARBLERS AS PREY OF NEOTROPICAL FROGS	<i>Richard C. Vogt, Jesus Ramirez, and Jose Luis Villareal B.</i>	533

FIRST RECORDS OF THE YELLOW TYRANNULET (<i>CAPSIEMPIS FLAVEOLA</i>) IN PERÚ	<i>Grace P. Servat</i>	534
INTERSPECIFIC KILLING IN THE PACIFIC LOON	<i>Gregory J. Robertson</i>	534
ORNITHOLOGICAL LITERATURE		536

NUMBER 4

MAJOR PAPERS

BICKNELL'S THRUSH: TAXONOMIC STATUS AND DISTRIBUTION	<i>Henri Ouellet</i>	545
RESOURCE USE BY HERONS IN A YUCATAN WETLAND DURING THE BREEDING SEASON	<i>Cristina Ramo and Benjamin Busto</i>	573
SITE TENACITY OF THE ENDANGERED PALILA	<i>Steven G. Fancy, Robert T. Sugihara, John J. Jeffrey, and James D. Jacobi</i>	587
RELATIONSHIP OF AGE AND SEX TO SIZE AND COLOR OF EASTERN PHOEBES	<i>Kelvin F. Conrad and Raleigh J. Robertson</i>	597
HANDLING EFFICIENCY AND BERRY SIZE PREFERENCES OF CEDAR WAXWINGS	<i>Michael L. Avery, Kelly J. Goocher, and Marcia A. Cone</i>	604
REFINING THE USE OF POINT COUNTS FOR WINTER STUDIES OF INDIVIDUAL SPECIES	<i>Kevin J. Gutzwiller</i>	612
AVIAN RESPONSES TO OBSERVER CLOTHING COLOR: CAVEATS FROM WINTER POINT COUNTS	<i>Kevin J. Gutzwiller and Heidi A. Marcum</i>	628
DEVELOPMENT OF SONG IN HAND-REARED BLACK-CAPPED CHICKADEES	<i>S. A. Shackleton and L. Ratcliffe</i>	637
METABOLIC RATE AND EVAPORATIVE WATER LOSS OF MEXICAN SPOTTED AND GREAT HORNED OWLS	<i>Joseph L. Ganey, Russell P. Balda, and Rudy M. King</i>	645
ORGAN GROWTH AND OXYGEN CONSUMPTION IN LAYSAN ALBATROSS EMBRYOS	<i>Q. Zhang and G. C. Whitlow</i>	657
EFFECTS OF WEATHER AND HELPERS ON SURVIVAL OF NESTLING RED-COCKADED WOODPECKERS	<i>Joseph C. Neal, Douglas A. James, Warren G. Montague, and James E. Johnson</i>	666
HEARTWOOD DECAY AND VERTICAL DISTRIBUTION OF RED-NAPED SAPSUCKER NEST CAVITIES	<i>Gretchen C. Daily</i>	674

SHORT COMMUNICATIONS

DIURNAL TIME BUDGETS OF BREEDING COMMON GOLDENEYES	<i>Michael C. Zicus and Steven K. Hennes</i>	680
RAPID COLONIZATION OF A HUMAN-MADE WETLAND BY MARIANA COMMON MOORHEN ON GUAM	<i>Michael W. Ritter and Thomas M. Sweet</i>	685
A CONTACT ZONE BETWEEN MOUNTAIN AND CARUNCULATED CARACARAS IN ECUADOR	<i>Bent Otto Poulsen</i>	688
CAVITY NESTING BY HARLEQUIN DUCKS IN THE PACIFIC NORTHWEST	<i>E. Frances Cassirer, Greg Schirato, Fred Sharpe, Craig R. Groves, and Rusty N. Anderson</i>	691
FIRST OBSERVATIONS OF THE BLUE-THROATED MACAW IN BOLIVIA	<i>Otto Carlos Jordan and Charles A. Munn</i>	694
A PROBABLE BILATERAL GYNANDROMORPHIC BLACK-THROATED BLUE WARBLER	<i>Michael A. Patten</i>	695
OPPORTUNISTIC PREDATION BY A GREAT BLUE HERON ON AN AMERICAN DIPPER	<i>Michael S. Parker</i>	698

ORNITHOLOGICAL LITERATURE	700
PROCEEDINGS OF THE SEVENTY-FOURTH ANNUAL MEETING	
..... <i>John L. Zimmerman and John A. Smallwood</i>	712
INDEX	<i>Kathleen G. Beal</i> 726

THE WILSON BULLETIN

Editor CHARLES R. BLEM
Department of Biology
Virginia Commonwealth University
816 Park Avenue
Richmond, Virginia 23284-2012

Editorial Board KATHY G. BEAL
RICHARD N. CONNER
JOHN A. SMALLWOOD
CHARLES R. SMITH
CHRISTOPHER H. STINSON

Assistant Editors LEANN BLEM
ALBERT E. CONWAY

Review Editor GEORGE A. HALL
Department of Chemistry
P.O. Box 6045
West Virginia University
Morgantown, WV 26506

Index Editor KATHY G. BEAL
616 Xenia Avenue
Yellow Springs, OH 45387

SUGGESTIONS TO AUTHORS

See *Wilson Bulletin*, 105:214-215, 1993 for more detailed "Information for Authors."

Manuscripts intended for publication in *The Wilson Bulletin* should be submitted in triplicate, neatly typewritten, double-spaced, with at least 3 cm margins, and on one side only of good quality white paper. Do not submit xerographic copies that are made on slick, heavy paper. Tables should be typed on separate sheets, and should be narrow and deep rather than wide and shallow. Follow the AOU Check-list (Sixth Edition, 1983) insofar as scientific names of U.S., Canadian, Mexican, Central American, and West Indian birds are concerned. Abstracts of major papers should be brief but quotable. In both Major Papers and Short Communications, where fewer than 5 papers are cited, the citations may be included in the text. Follow carefully the style used in this issue in listing the literature cited; otherwise, follow the "CBE Style Manual" (AIBS, 1983). Photographs for illustrations should have good contrast and be on glossy paper. Submit prints unmounted and attach to each a brief but adequate legend. Do not write heavily on the backs of photographs. Diagrams and line drawings should be in black ink and their lettering large enough to permit reduction. Original figures or photographs submitted must be smaller than 22 x 28 cm. Alterations in copy after the type has been set must be charged to the author.

NOTICE OF CHANGE OF ADDRESS

If your address changes, notify the Society immediately. Send your complete new address to Ornithological Societies of North America, P.O. Box 1897, Lawrence, KS 66044-8897.

The permanent mailing address of the Wilson Ornithological Society is: c/o The Museum of Zoology, The University of Michigan, Ann Arbor, Michigan 48109. Persons having business with any of the officers may address them at their various addresses given on the back of the front cover, and all matters pertaining to the Bulletin should be sent directly to the Editor.

MEMBERSHIP INQUIRIES

Membership inquiries should be sent to Dr. John Smallwood, Dept. of Wildlife and Range Sciences, Univ. Florida, Gainesville, Florida 32611.

CONTENTS

MAJOR PAPERS

BICKNELL'S THRUSH: TAXONOMIC STATUS AND DISTRIBUTION	<i>Henri Ouellet</i> 545
RESOURCE USE BY HERONS IN A YUCATAN WETLAND DURING THE BREEDING SEASON	<i>Cristina Ramo and Benjamin Busto</i> 573
SITE TENACITY OF THE ENDANGERED PALILA	<i>Steven G. Fancy, Robert T. Sugihara, John J. Jeffrey, and James D. Jacobi</i> 587
RELATIONSHIP OF AGE AND SEX TO SIZE AND COLOR OF EASTERN PHOEBES	<i>Kelvin F. Conrad and Raleigh J. Robertson</i> 597
HANDLING EFFICIENCY AND BERRY SIZE PREFERENCES OF CEDAR WAXWINGS	<i>Michael L. Avery, Kelly J. Goocher, and Marcia A. Cone</i> 604
REFINING THE USE OF POINT COUNTS FOR WINTER STUDIES OF INDIVIDUAL SPECIES	<i>Kevin J. Gutzwiller</i> 612
AVIAN RESPONSES TO OBSERVER CLOTHING COLOR: CAVEATS FROM WINTER POINT COUNTS	<i>Kevin J. Gutzwiller and Heidi A. Marcum</i> 628
DEVELOPMENT OF SONG IN HAND-REARED BLACK-CAPPED CHICKADEES	<i>S. A. Shackleton and L. Ratcliffe</i> 637
METABOLIC RATE AND EVAPORATIVE WATER LOSS OF MEXICAN SPOTTED AND GREAT HORNED OWLS	<i>Joseph L. Ganey, Russell P. Balda, and Rudy M. King</i> 645
ORGAN GROWTH AND OXYGEN CONSUMPTION IN LAYSAN ALBATROSS EMBRYOS	<i>Q. Zhang and G. C. Whittow</i> 657
EFFECTS OF WEATHER AND HELPERS ON SURVIVAL OF NESTLING RED-COCKADED WOODPECKERS	<i>Joseph C. Neal, Douglas A. James, Warren G. Montague, and James E. Johnson</i> 666
HEARTWOOD DECAY AND VERTICAL DISTRIBUTION OF RED-NAPED SAPSUCKER NEST CAVITIES	<i>Gretchen C. Daily</i> 674
SHORT COMMUNICATIONS	
DIURNAL TIME BUDGETS OF BREEDING COMMON GOLDENEYES	<i>Michael C. Zicus and Steven K. Hennes</i> 680
RAPID COLONIZATION OF A HUMAN-MADE WETLAND BY MARIANA COMMON MOORHEN ON GUAM	<i>Michael W. Ritter and Thomas M. Sweet</i> 685
A CONTACT ZONE BETWEEN MOUNTAIN AND CARUNCULATED CARACARAS IN ECUADOR	<i>Bent Otto Poulsen</i> 688
CAVITY NESTING BY HARLEQUIN DUCKS IN THE PACIFIC NORTHWEST	<i>E. Frances Cassirer, Greg Schirato, Fred Sharpe, Craig R. Groves, and Rusty N. Anderson</i> 691
FIRST OBSERVATIONS OF THE BLUE-THROATED MACAW IN BOLIVIA	<i>Otto Carlos Jordan and Charles A. Munn</i> 694
A PROBABLE BILATERAL GYNANDROMORPHIC BLACK-THROATED BLUE WARBLER	<i>Michael A. Patten</i> 695
OPPORTUNISTIC PREDATION BY A GREAT BLUE HERON ON AN AMERICAN DIPPER	<i>Michael S. Parker</i> 698
ORNITHOLOGICAL LITERATURE	700
PROCEEDINGS OF THE SEVENTY-FOURTH ANNUAL MEETING	<i>John L. Zimmerman and John A. Smallwood</i> 712
INDEX	<i>Kathleen G. Beal</i> 726