

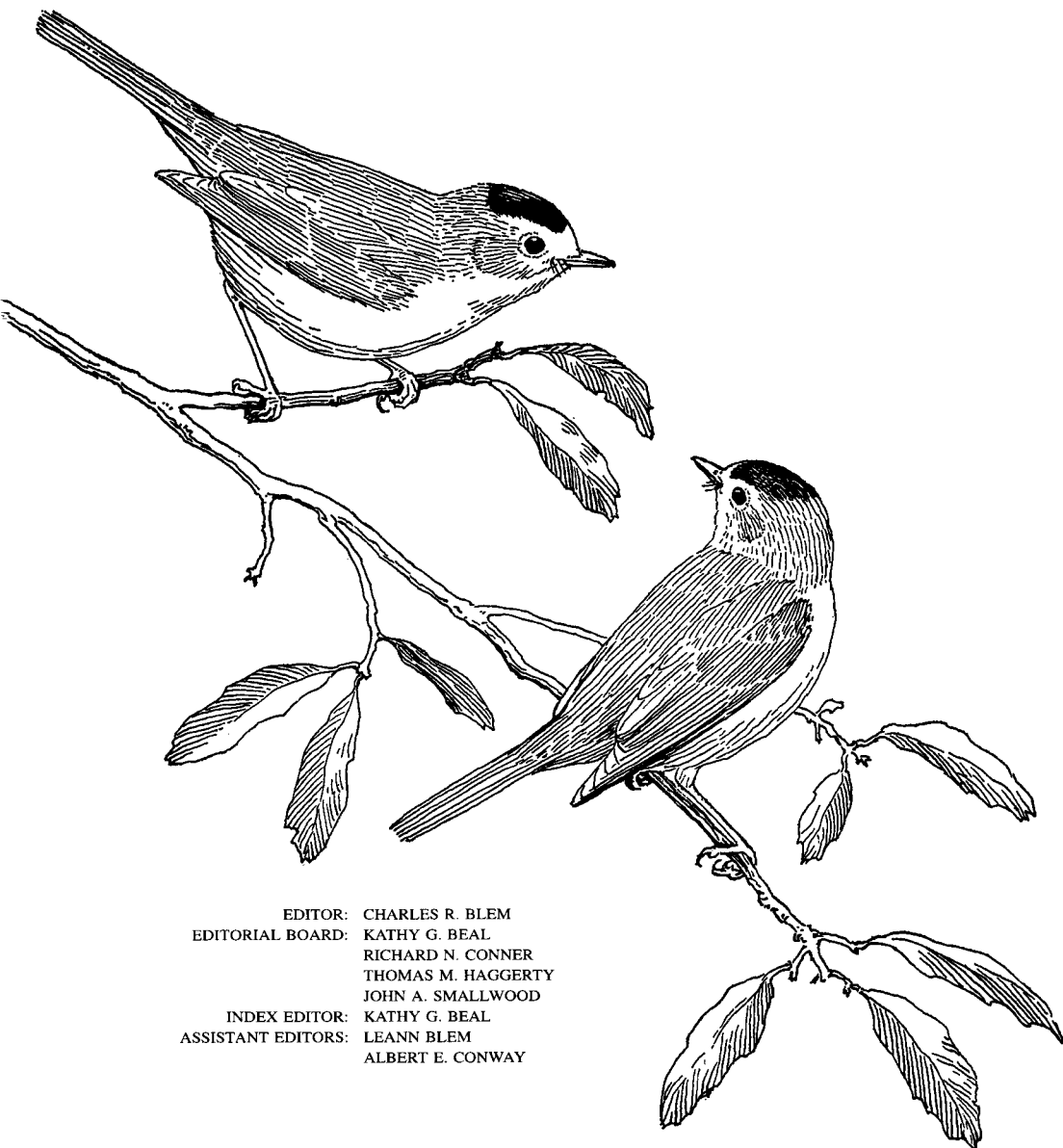
The Wilson Bulletin

PUBLISHED BY THE WILSON ORNITHOLOGICAL SOCIETY

VOLUME 108

1996

QUARTERLY



EDITOR: CHARLES R. BLEM
EDITORIAL BOARD: KATHY G. BEAL
RICHARD N. CONNER
THOMAS M. HAGGERTY
JOHN A. SMALLWOOD
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—Keith L. Bildstein, Hawk Mountain Sanctuary, RR 2, Box 191, Kempton, Pennsylvania 19529-9449.

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

Second Vice-President—John C. Kricher, Biology Department, Wheaton College, Norton, Massachusetts 02766.

Editor—Charles R. Blem, Department of Biology, Virginia Commonwealth University, P.O. Box 842012, Richmond, Virginia 23284-2012.

Secretary—John A. Smallwood, Department of Biology, Montclair State University, Upper Montclair, New Jersey 07043.

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

Elected Council Members—Carol A. Corbat and William E. Davis (terms expire 1997), and Margaret C. Brittingham and Herbert T. Hendrickson (terms expire 1998), Peter C. Frederick and Danny J. Ingold (terms expire 1999).

DATES OF ISSUE OF VOLUME 108
OF THE WILSON BULLETIN

NO. 1—1 MARCH 1996

NO. 2—1 JUNE 1996

NO. 3—4 OCTOBER 1996

NO. 4—31 DECEMBER 1996

CONTENTS OF VOLUME 108

NUMBER 1

MAJOR PAPERS

A NEW SPECIES OF EMERALD HUMMINGBIRD (TROCHILIDAE, <i>CHLOROSTILBON</i>) FROM THE SIERRA DE CHIRIBIQUETE, SOUTHEASTERN COLOMBIA, WITH A REVIEW OF THE <i>C. MELLISUGUS</i> COMPLEX <i>F. Gary Stiles</i>	1
REPRODUCTION AND MOVEMENTS OF MOUNTAIN PLOVERS BREEDING IN COLORADO <i>Fritz L. Knopf and Jeffery R. Rupert</i>	28
TRIGEMINAL REPELLENTS DO NOT PROMOTE CONDITIONED ODOR AVOIDANCE IN EUROPEAN STAR-LINGS <i>Larry Clark</i>	36
NEST-SITE SELECTION BY HOODED WARBLERS IN BOTTOMLAND HARDWOODS OF SOUTH CAROLINA <i>John C. Kilgo, Robert A. Sargent, Brian R. Chapman, and Karl V. Miller</i>	53
CHANGE IN BODY MASS OF FEMALE COMMON GOLDENEYES DURING NESTING AND BROOD REARING <i>Michael C. Zicus and Michael R. Riggs</i>	61
INTERSPECIFIC VARIATION IN THE CALLS OF <i>SPHENISCUS</i> PENGUINS <i>Nina N. Thumser, Jeffrey D. Karron, and Millicent S. Ficken</i>	72
THE BREEDING BIOLOGY OF THE WILLOW TIT IN NORTHEASTERN SIBERIA <i>Vladimir V. Pravosudov and Elena V. Pravosudova</i>	80
CENSUSING WINTERING POPULATIONS OF SWAINSON'S WARBLERS: SURVEYS IN THE BLUE MOUNTAINS OF JAMAICA <i>Gary R. Graves</i>	94
COLONY-SITE AND NEST-SITE USE BY COMMON GRACKLES IN NORTH DAKOTA <i>H. Jeffrey Homan, George M. Linz, William J. Bleier, and Robert B. Carlson</i>	104
EVIDENCE OF DUAL BREEDING RANGES FOR THE SEDGE WREN IN THE CENTRAL GREAT PLAINS <i>Paul A. Bedell</i>	115
DIETS OF NORTHERN PYGMY-OWLS AND NORTHERN SAW-WHET OWLS IN WEST-CENTRAL MONTANA <i>Denver W. Holt and Leslie A. Leroux</i>	123
EFFECTS OF EGG TYPE ON DEPREDAATION OF ARTIFICIAL GROUND NESTS <i>Richard H. Yahner and Carolyn G. Mahan</i>	129
FOOD AVAILABILITY AND FEEDING PREFERENCES OF BREEDING FULVOUS WHISTLING-DUCKS IN LOUISIANA RICEFIELDS <i>William L. Hohman, Timothy M. Stark, and Joseph L. Moore</i>	137
SHORT COMMUNICATIONS	
DO STANDARDIZED BROOD COUNTS ACCURATELY MEASURE PRODUCTIVITY? <i>John M. Marzluff and Mary McFadzen</i>	151
COMPARATIVE FORAGING BEHAVIOR OF SYMPATRIC SNOW GEESE, GREATER WHITE-FRONTED GEESE, AND CANADA GEESE DURING THE NON-BREEDING SEASON <i>Dale E. Gawlik and R. Douglas Slack</i>	154
SURVIVAL OF RADIO-COLLARED NESTLING PUERTO RICAN PARROTS <i>J. Michael Meyers, Wayne J. Arendt, and Gerald D. Lindsey</i>	159
NEW NESTING AREA OF PUERTO RICAN PARROTS <i>J. Michael Meyers</i>	164
NEOTROPICAL MIGRANTS IN MARGINAL HABITATS ON A GUATEMALAN CATTLE RANCH <i>Rodney B. Siegel and Marco V. Centeno</i>	166
UNGULATE ECTOPARASITE REMOVAL BY BLACK CARACARAS AND PALE-WINGED TRUMPETERS IN AMAZONIAN FORESTS <i>Carlos A. Peres</i>	170
NOTES ON THE STATUS AND BEHAVIOR OF THE SWAINSON'S WARBLER IN CUBA <i>Arturo Kirkconnell, George E. Wallace, and Orlando H. Garrido</i>	175
COMMENTS ON A PROBABLE GYNANDROMORPHIC BLACK-THROATED BLUE WARBLER <i>Gary R. Graves, Michael A. Patten, and Jon L. Dunn</i>	178
RUFOUS CROWN FEATHERS ON ADULT MALE TENNESSEE WARBLERS <i>James A. Dick and Ross D. James</i>	181
AMERICAN GOLDFINCH NESTS IN PURPLE LOOSESTRIFE <i>Erik Kiviat</i>	182
OPPORTUNISTIC WINTER WATER ACQUISITION BY PINE GROSBEAKS <i>David F. G. Wolfe</i>	186

EVIDENCE OF NEST PARASITISM IN MOTTLED DUCKS	187
..... <i>William P. Johnson, Frank C. Rohwer, and Michael Carlross</i>	
EIGHT NEW HOST SPECIES FOR THE PARASITIC BLOW FLY GENUS <i>PROTOCALLIPHORA</i> (DIPTERA: CALLIPHORIDAE)	189
..... <i>Mia Revels</i>	
OBSERVATIONS OF SHOREBIRD PREDATION BY SNAPPING TURTLES IN EASTERN LAKE ONTARIO	190
..... <i>Gregory S. Pryor</i>	
ORNITHOLOGICAL LITERATURE	193

NUMBER 2

MAJOR PAPERS

GEOGRAPHIC VARIATION AND SPECIES LIMITS IN <i>CINNYCERTHIA</i> WRENS OF THE ANDES	205
..... <i>Robb T. Brumfield and J. V. Remsen, Jr.</i>	
NEST ATTENTIVENESS IN HUMMINGBIRDS	228
..... <i>William H. Baltosser</i>	
SEASONAL POPULATION SURVEYS AND NATURAL HISTORY OF A MICRONESIAN BIRD COMMUNITY ...	246
..... <i>Robert J. Craig</i>	
NATURAL HISTORY AND CONSERVATION STATUS OF THE TAMARUGO CONEBILL IN NORTHERN CHILE	268
..... <i>Christián F. Estades</i>	
AVIAN ABUNDANCE IN RIPARIAN ZONES OF THREE FOREST TYPES IN THE CASCADE MOUNTAINS, OREGON	280
..... <i>Robert G. Anthony, Gregory A. Green, Eric D. Forsman, and S. Kim Nelson</i>	
HABITAT CHANGES AND SUCCESS OF ARTIFICIAL NESTS ON AN ALKALINE FLAT	292
..... <i>Marcus T. Koenen, David M. Leslie, Jr., and Mark Gregory</i>	
NESTING ECOLOGY OF SCISSOR-TAILED FLYCATCHERS IN SOUTH TEXAS	302
..... <i>Kenneth R. Nolte and Timothy E. Fulbright</i>	
BREEDING BIOLOGY OF THE BROWN NODDY ON TERN ISLAND, HAWAII	317
..... <i>Jennifer L. Megyesi and Curtice R. Griffin</i>	
DISCRIMINATION BETWEEN REGIONAL SONG FORMS IN THE NORTHERN PARULA	335
..... <i>Daniel J. Regelski and Ralph R. Moldenhauer</i>	
DISPERSAL AND HABITAT USE BY POST-FLEDGING JUVENILE SNOWY EGRETS AND BLACK-CROWNED NIGHT-HERONS	342
..... <i>R. Michael Erwin, John G. Haig, Daniel B. Stotts, and Jeff S. Hatfield</i>	
NEST-SITE SELECTION OF RED-SHOULDERED AND RED-TAILED HAWKS IN A MANAGED FOREST	357
..... <i>Christopher E. Moorman and Brian R. Chapman</i>	
SHORT COMMUNICATIONS	
AVOIDANCE OF CABBAGE FIELDS BY SNOW GEESE	369
..... <i>J. Russell Mason and Larry Clark</i>	
TAXONOMIC STATUS OF THE CUBAN FORM OF THE RED-WINGED BLACKBIRD	372
..... <i>Orlando Garrido and Arturo Kirkconnell</i>	
NEST ADOPTION BY MONK PARAKEETS	374
..... <i>Jessica R. Eberhard</i>	
VERMILION FLYCATCHER AND BLACK PHOEBE FEEDING ON FISH	377
..... <i>Brenda J. Andrews, Marie Sullivan, and J. David Hoerath</i>	
NEST-SITE REUSE IN THE WESTERN WOOD-PEWEE	378
..... <i>David R. Curson, Christopher B. Goguen, and Nancy E. Mathews</i>	
NEST SHARING BY A LESSER SCAUP AND A GREATER SCAUP	380
..... <i>Michael A. Fournier and James E. Hines</i>	
CARNIVORY OBSERVED IN THE CEDAR WAXWING	381
..... <i>David I. King</i>	
A CASE OF COOPERATIVE BREEDING IN THE HOODED WARBLER	382
..... <i>Scott A. Tarof and Bridget J. Stutchbury</i>	
ORNITHOLOGICAL LITERATURE	385

NUMBER 3

MAJOR PAPERS

A NEW GENUS AND SPECIES OF FURNARIID (AVES: FURNARIIDAE) FROM THE COCOA-GROWING REGION OF SOUTHEASTERN BAHIA, BRAZIL	
..... <i>José Fernando Pacheco, Bret M. Whitney, and Luiz Gonzaga</i>	397
THE NEST AND NESTING ECOLOGY OF <i>ACROBATORNIS FONSECAI</i> (FURNARIIDAE), WITH IMPLICATIONS FOR INTRAFAMILIAL RELATIONSHIPS	
..... <i>Bret M. Whitney, José Fernando Pacheco, Paulo Sérgio Moreira da Fonseca, and Robert H. Barth, Jr.</i>	434
WOODPECKER EXCAVATION AND USE OF CAVITIES IN POLYSTYRENE SNAGS	
..... <i>Richard N. Conner and Daniel Saenz</i>	449
NESTING SUCCESS OF THE PROTHONOTARY WARBLER IN THE UPPER MISSISSIPPI RIVER BOTTOMLANDS	
..... <i>David J. Flaspohler</i>	457
FACTORS AFFECTING FOOD PROVISIONING OF NESTLING BLACK-THROATED BLUE WARBLERS	
..... <i>Catherine O'Neill Goodbred and Richard T. Holmes</i>	467
BREEDING BIOLOGY AND NATURAL HISTORY OF THE BAHAMA SWALLOW	
..... <i>Paul E. Allen</i>	480
NEOTROPICAL MIGRATORY BREEDING BIRD COMMUNITIES IN RIPARIAN FORESTS OF DIFFERENT WIDTHS ALONG THE ALTAMAHA RIVER, GEORGIA	
..... <i>Malcolm F. Hodges, Jr. and David G. Krementz</i>	496
DAWN AND DUSK SINGING OF MALE AMERICAN ROBINS IN RELATION TO FEMALE BEHAVIOR	
..... <i>Tore Slagsvold</i>	507
BREEDING BIOLOGY OF THE CRESTED CARACARA IN SOUTH TEXAS	
..... <i>Vanessa M. Dickinson and Keith A. Arnold</i>	516
BREEDING BIOLOGY OF THE JABIRU IN THE SOUTHERN LLANOS OF VENEZUELA	
..... <i>José A. González</i>	524
EFFECT OF EGG SIZE ON PREDATION BY WHITE-FOOTED MICE ... <i>R. M. DeGraaf and T. J. Maier</i>	535
CAN CHECKLIST PROGRAMS BE USED TO MONITOR POPULATIONS OF BIRDS RECORDED DURING THE MIGRATION SEASON?	
..... <i>Erica H. Dunn, Jacques Larivée, and André Cyr</i>	540
EFFECT OF MATE REMOVAL ON SINGING BEHAVIOR AND MOVEMENT PATTERNS OF FEMALE NORTHERN CARDINALS	
..... <i>David B. McElroy and Gary Ritchison</i>	550
RADIO TELEMETRY DOCUMENTS 24-HOUR FEEDING ACTIVITY OF WINTERING LESSER SCAUP	
..... <i>Christine M. Custer, Thomas W. Custer, and Daniel W. Sparks</i>	556
BODY MASS AND CARCASS COMPOSITION OF FALL MIGRANT OLDSQUAWS	
..... <i>James O. Leafloor, John E. Thompson, and C. Davison Ankney</i>	567
AVIAN NEST-SITE SELECTION AND NESTING SUCCESS IN TWO FLORIDA CITRUS GROVES	
..... <i>Mary Crowe Mitchell, Louis B. Best, and James P. Gionfriddo</i>	573
SHORT COMMUNICATIONS	
EXPONENTIAL POPULATION GROWTH OF MONK PARAKEETS IN THE UNITED STATES	
..... <i>Sunshine Van Bael and Stephen Pruett-Jones</i>	584
FOREST GAP USE BY BREEDING BLACK-THROATED GREEN WARBLERS	
..... <i>Robert Smith and Matthew Dallman</i>	588
COURTSHIP BEHAVIOR OF GOLDEN-CHEEKED WARBLERS	
..... <i>Mark W. Lockwood</i>	591
ORNITHOLOGICAL LITERATURE	593

NUMBER 4

MAJOR PAPERS

DESCRIPTION OF ADULTS, EGG SHELLS, NESTLING, FLEDGLING, AND NEST OF THE POO-ULI	
..... <i>Andrew Engilis, Jr., Thane K. Pratt, Cameron B. Kepler, A. Marie Ecton,</i>	
..... <i>and Kimberly M. Fluetsch</i>	607
NESTING BEHAVIOR OF THE POO-ULI	
..... <i>Cameron B. Kepler, Thane K. Pratt, A. Marie Ecton,</i>	
..... <i>Andrew Engilis, Jr., and Kimberly M. Fluetsch</i>	620
POPULATION DENSITY, VOCAL BEHAVIOR, AND RECOMMENDED SURVEY METHODS FOR BICKNELL'S	
THRUSH	
..... <i>Christopher C. Rimmer, Jonathan L. Atwood, Kent P. McFarland,</i>	
..... <i>and Laura R. Nagy</i>	639
DISTRIBUTION OF BICKNELL'S THRUSH IN NEW ENGLAND AND NEW YORK	
..... <i>Jonathan L. Atwood, Christopher C. Rimmer, Kent P. McFarland,</i>	
..... <i>Sophia H. Tsai, and Laura R. Nagy</i>	650
MIGRATION ROUTES OF THE WESTERN SANDPIPER	
..... <i>Robert W. Butler, Francisco S. Delgado,</i>	
..... <i>Horacio de la Cueva, Victor Pulido, and Brett K. Sandercock</i>	662
BREEDING BEHAVIOR AND REPRODUCTIVE SUCCESS OF CERULEAN WARBLERS IN SOUTHEASTERN ONTARIO	
..... <i>Catherine J. Oliarnyk and Raleigh J. Robertson</i>	673
GRIT-USE PATTERNS IN NORTH AMERICAN BIRDS: THE INFLUENCE OF DIET, BODY SIZE, AND GENDER	
..... <i>James P. Gionfriddo and Louis B. Best</i>	685
RED-COCKADED WOODPECKER NESTING SUCCESS, FOREST STRUCTURE, AND SOUTHERN FLYING SQUIRRELS IN TEXAS	
..... <i>Richard N. Conner, D. Craig Rudolph, Daniel Saenz,</i>	
..... <i>and Richard R. Schaefer</i>	697
HABITAT-USE PATTERNS IN COOPERATIVE AND NON-COOPERATIVE BREEDING BIRDS: TESTING PREDICTIONS WITH WESTERN SCRUB-JAYS	
..... <i>D. Brent Burt</i>	712
NUTRITIONAL VALUE OF WINTER FOODS FOR WHOOPING CRANES	
..... <i>Jay T. Nelson, R. Douglas Slack, and George F. Gee</i>	728
TERRITORIES AND CACHING-RELATED BEHAVIOR OF RED-HEADED WOODPECKERS WINTERING IN A BEECH GROVE	
..... <i>Paul F. Doherty, Jr., Thomas C. Grubb, Jr., and C. L. Bronson</i>	740
SEASONAL ABUNDANCE OF MIGRANT BIRDS AND FOOD RESOURCES IN PANAMANIAN MANGROVE FORESTS	
..... <i>Gaëtan Lefebvre and Brigitte Poulin</i>	748
EFFECTS OF CONSERVATION RESERVE PROGRAM FIELD AGE ON AVIAN RELATIVE ABUNDANCE, DIVERSITY, AND PRODUCTIVITY	
..... <i>Kelly F. Millenbah, Scott R. Winterstein,</i>	
..... <i>Henry Campa III, Ly T. Farrow, and Richard B. Minnis</i>	760
FEMALE BUNTINGS FROM HYBRIDIZING POPULATIONS PREFER CONSPECIFIC MALES	
..... <i>Myron C. Baker</i>	771
SURVEYS OF PUERTO RICAN SCREECH-OWL POPULATIONS IN LARGE-TRACT AND FRAGMENTED FORESTS	
..... <i>Keith L. Pardieck, J. Michael Meyers, and Michelle Pagan</i>	776
THE USE OF COASTAL AGRICULTURAL FIELDS IN VIRGINIA AS FORAGING HABITAT BY SHOREBIRDS	
..... <i>Stephen C. Rottenborn</i>	783
SHORT COMMUNICATIONS	
EXTRA NEST SITE OCCUPANCY BY TREE SWALLOWS: DO FLOATERS AVOID NEST SITES NEAR SETTLED PAIRS?	
..... <i>Jeremy S. Mitchell and Raleigh J. Robertson</i>	797
SWAINSON'S WARBLERS NESTING IN EARLY SERAL PINE FORESTS IN EAST TEXAS	
..... <i>N. Ross Carrie</i>	802
MEASUREMENTS OF SNAIL KITE EGGS FROM CENTRAL FLORIDA	
..... <i>James A. Rodgers, Jr.</i>	804
THE ANDEAN FLAMINGO IN BRAZIL	
..... <i>Marcos R. Bornschein and Bianca L. Reinert</i>	807
ORNITHOLOGICAL LITERATURE	809
PROCEEDINGS OF THE SEVENTY-SEVENTH ANNUAL MEETING	813
INDEX	825

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
THOMAS M. HAGGERTY
JOHN A. SMALLWOOD

Review Editor WILLIAM E. DAVIS, JR.
127 East Street
Foxboro, Massachusetts 02035

Assistant Editors LEANN BLEM
ALBERT E. CONWAY

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

SUGGESTIONS TO AUTHORS

See *Wilson Bulletin*, 108:604-605, 1996 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 × 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 Biology, Montclair State Univ., Upper Montclair, New Jersey 07043.

CONTENTS

MAJOR PAPERS

DESCRIPTION OF ADULTS, EGGSHELLS, NESTLING, FLEDGLING, AND NEST OF THE POO-ULI	607
<i>Andrew Engilis, Jr., Thane K. Pratt, Cameron B. Kepler, A. Marie Ecton, and Kimberly M. Fluetsch</i>	
NESTING BEHAVIOR OF THE POO-ULI <i>Cameron B. Kepler, Thane K. Pratt, A. Marie Ecton, Andrew Engilis, Jr., and Kimberly M. Fluetsch</i>	620
POPULATION DENSITY, VOCAL BEHAVIOR, AND RECOMMENDED SURVEY METHODS FOR BICKNELL'S THRUSH	639
<i>Christopher C. Rimmer, Jonathan L. Atwood, Kent P. McFarland, and Laura R. Nagy</i>	
DISTRIBUTION OF BICKNELL'S THRUSH IN NEW ENGLAND AND NEW YORK	650
<i>Jonathan L. Atwood, Christopher C. Rimmer, Kent P. McFarland, Sophia H. Tsai, and Laura R. Nagy</i>	
MIGRATION ROUTES OF THE WESTERN SANDPIPER <i>Robert W. Butler, Francisco S. Delgado, Horacio de la Cueva, Victor Pulido, and Brett K. Sandercock</i>	662
BREEDING BEHAVIOR AND REPRODUCTIVE SUCCESS OF CERULEAN WARBLERS IN SOUTHEASTERN ONTARIO	673
<i>Catherine J. Oliarnyk and Raleigh J. Robertson</i>	
GRIT-USE PATTERNS IN NORTH AMERICAN BIRDS: THE INFLUENCE OF DIET, BODY SIZE, AND GENDER	685
<i>James P. Gionfriddo and Louis B. Best</i>	
RED-COCKADED WOODPECKER NESTING SUCCESS, FOREST STRUCTURE, AND SOUTHERN FLYING SQUIRRELS IN TEXAS	697
<i>Richard N. Conner, D. Craig Rudolph, Daniel Saenz, and Richard R. Schaefer</i>	
HABITAT-USE PATTERNS IN COOPERATIVE AND NON-COOPERATIVE BREEDING BIRDS: TESTING PREDICTIONS WITH WESTERN SCRUB-JAYS	712
<i>D. Brent Burt</i>	
NUTRITIONAL VALUE OF WINTER FOODS FOR WHOOPING CRANES	728
<i>Jay T. Nelson, R. Douglas Slack, and George F. Gee</i>	
TERRITORIES AND CACHING-RELATED BEHAVIOR OF RED-HEADED WOODPECKERS WINTERING IN A BEECH GROVE	740
<i>Paul F. Doherty, Jr., Thomas C. Grubb, Jr., and C. L. Bronson</i>	
SEASONAL ABUNDANCE OF MIGRANT BIRDS AND FOOD RESOURCES IN PANAMANIAN MANGROVE FORESTS	748
<i>Gaëtan Lefebvre and Brigitte Poulin</i>	
EFFECTS OF CONSERVATION RESERVE PROGRAM FIELD AGE ON AVIAN RELATIVE ABUNDANCE, DIVERSITY, AND PRODUCTIVITY	760
<i>Kelly F. Millenbah, Scott R. Winterstein, Henry Campa III, Ly T. Farrow, and Richard B. Minnis</i>	
FEMALE BUNTINGS FROM HYBRIDIZING POPULATIONS PREFER CONSPECIFIC MALES	771
<i>Myron C. Baker</i>	
SURVEYS OF PUERTO RICAN SCREECH-OWL POPULATIONS IN LARGE-TRACT AND FRAGMENTED FORESTS	776
<i>Keith L. Pardieck, J. Michael Meyers, and Michelle Pagan</i>	
THE USE OF COASTAL AGRICULTURAL FIELDS IN VIRGINIA AS FORAGING HABITAT BY SHOREBIRDS	783
<i>Stephen C. Rottenborn</i>	
SHORT COMMUNICATIONS	
EXTRA NEST SITE OCCUPANCY BY TREE SWALLOWS: DO FLOATERS AVOID NEST SITES NEAR SETTLED PAIRS?	797
<i>Jeremy S. Mitchell and Raleigh J. Robertson</i>	
SWAINSON'S WARBLERS NESTING IN EARLY SERAL PINE FORESTS IN EAST TEXAS	802
<i>N. Ross Carrie</i>	
MEASUREMENTS OF SNAIL KITE EGGS FROM CENTRAL FLORIDA	804
<i>James A. Rodgers, Jr.</i>	
THE ANDEAN FLAMINGO IN BRAZIL	807
<i>Marcos R. Bornschein and Bianca L. Reinert</i>	
ORNITHOLOGICAL LITERATURE	809
PROCEEDINGS OF THE SEVENTY-SEVENTH ANNUAL MEETING	813
INDEX	825