

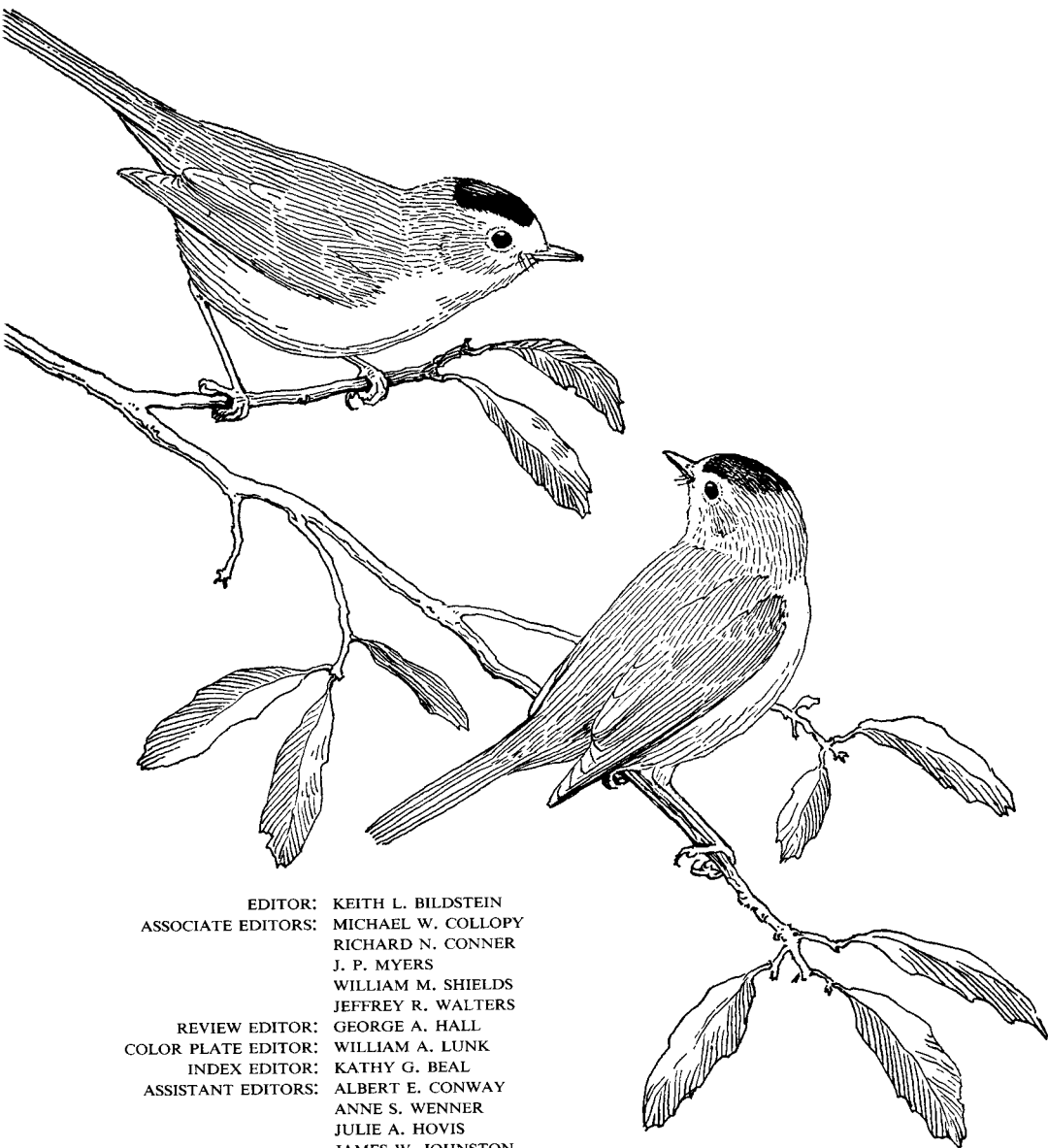
The Wilson Bulletin

PUBLISHED BY THE WILSON ORNITHOLOGICAL SOCIETY

VOLUME 97

1985

QUARTERLY



EDITOR: KEITH L. BILDSTEIN
ASSOCIATE EDITORS: MICHAEL W. COLLOPY
RICHARD N. CONNER
J. P. MYERS
WILLIAM M. SHIELDS
JEFFREY R. WALTERS
REVIEW EDITOR: GEORGE A. HALL
COLOR PLATE EDITOR: WILLIAM A. LUNK
INDEX EDITOR: KATHY G. BEAL
ASSISTANT EDITORS: ALBERT E. CONWAY
ANNE S. WENNER
JULIE A. HOVIS
JAMES W. JOHNSTON
JOHN B. OLSON
DAVID L. RANKIN

THE WILSON ORNITHOLOGICAL SOCIETY

FOUNDED DECEMBER 3, 1888

Named after ALEXANDER WILSON, the first American Ornithologist.

President—Clait E. Braun, Wildlife Research Center, 317 West Prospect St., Fort Collins, Colorado 80526.

First Vice-President—Mary H. Clench, Florida State Museum, University of Florida, Gainesville, Florida 32611.

Second Vice-President—Jon C. Barlow, Department of Ornithology, Royal Ontario Museum, 100 Queen's Park, Toronto, Ontario M5S 2C6, Canada.

Editor—Keith L. Bildstein, Department of Biology, Winthrop College, Rock Hill, South Carolina 29733.

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

Treasurer—Robert D. Burns, Department of Biology, Kenyon College, Gambier, Ohio 43022.

Elected Council Members—Mitchell A. Byrd (term expires 1986); Curtis S. Adkisson (term expires 1987); Richard B. Stiehl (term expires 1988).

DATES OF ISSUE OF VOLUME 97
OF THE WILSON BULLETIN

NO. 1—17 APRIL 1985

NO. 2—26 JUNE 1985

NO. 3—13 SEPTEMBER 1985

NO. 4—30 DECEMBER 1985

CONTENTS OF VOLUME 97

NUMBER 1

CAVITY-NESTING MARBLED MURRELETS	<i>Stuart Johnston and Harry R. Carter</i>	1
RELATIONSHIPS AMONG SONG ACTIVITY, CONTEXT, AND SOCIAL BEHAVIOR IN THE WARBLING VIREO	<i>Daryl Howes-Jones</i>	4
DEVELOPMENT AND USE OF TWO SONG FORMS BY THE EASTERN PHOEBE	<i>Donald E. Kroodσμα</i>	21
STRUCTURE AND VARIABILITY IN THE VOCAL REPERTOIRE OF THE MOUNTAIN CHICKADEE	<i>Philip K. Gaddis</i>	30
VARIATION IN THE SONGS OF FEMALE BLACK-HEADED GROSBEAKS	<i>Gary Ritchison</i>	47
EVENING ROOSTS OF THE SNAIL KITE IN FLORIDA	<i>Paul W. Sykes, Jr.</i>	57
BEHAVIOR OF YEARLING MALE BLUE GROUSE AND ITS RELATION TO DELAYED BREEDING	<i>Ian G. Jamieson</i>	71
BROOD CHRONOLOGY OF THE COMMON RAVEN	<i>Richard B. Stiehl</i>	78
ON ATMOSPHERIC MOISTURE AS A FACTOR INFLUENCING DISTRIBUTION OF BREEDING BIRDS IN TEMPERATE DECIDUOUS FOREST	<i>Daniel R. Petit, Kenneth E. Petit, and Thomas C. Grubb, Jr.</i>	88
GENERAL NOTES		
USE OF SPACE BY TERRITORIAL MALE BLUE GROUSE	<i>Richard A. Lewis</i>	97
CHANGES IN FIVE-STRIPED SPARROW SONG IN INTRA- AND INTERSEXUAL CONTEXTS	<i>Kathleen Groschupf</i>	102
SANDHILL CRANE USE OF NEST MARKERS AS CUES FOR PREDATION	<i>John D. Reynolds</i>	106
NORTHERN HARRIER KILLS SANDHILL CRANE	<i>David L. Genter</i>	108
WATER-CROSSING BEHAVIOR OF RAPTORS DURING MIGRATION	<i>Paul Kerlinger</i>	109
SEX RATIOS IN BROODS OF COOPER'S HAWKS	<i>Robert N. Rosenfield, John Bielefeldt, Raymond K. Anderson, and William A. Smith</i>	113
DIVING RHYTHMS AND DIURNAL ROOSTING TIMES OF PELAGIC CORMORANTS	<i>Keith A. Hobson and Spencer G. Sealy</i>	116
USE OF URBAN STORMWATER CONTROL IMPOUNDMENTS BY WETLAND BIRDS	<i>Lowell W. Adams, Louise E. Dove, and Thomas M. Franklin</i>	120
EXTRA-PAIR FEEDING IN WESTERN GREBES	<i>L. Scott Forbes</i>	122
AN AUXILIARY WITH A MATED PAIR AND FOOD-CACHING BEHAVIOR IN THE FISH CROW	<i>Douglas B. McNair</i>	123
CLUTCH SIZE INCREASE AND INTRASPECIFIC BROOD PARASITISM IN THE YELLOW-BILLED CUCKOO	<i>Robert C. Fleischer, Michael T. Murphy, and Lawrence E. Hunt</i>	125
BATHING BEHAVIOR OF PURPLE MARTINS	<i>Richard A. Wolinski</i>	127
FIRST BREEDING RECORD OF THE SNOW BUNTING FOR BRITISH COLUMBIA	<i>R. Wayne Campbell and Brigitta M. Van Der Raay</i>	128
ERRATA		20
SUTTON AWARD		46
JOINT MEETING ANNOUNCEMENT		56
ORNITHOLOGICAL LITERATURE		130
INFORMATION FOR AUTHORS		138
ANNOUNCEMENTS		140

NUMBER 2

OBSERVATIONS ON NESTING ORNATE HAWK-EAGLES IN GUATEMALA <i>Bruce Lyon and Albert Kuhnigk</i>	141
A MODEL OF ENERGY CONSUMPTION IN BALD EAGLES: AN EVALUATION OF NIGHT COMMUNAL ROOSTING <i>George P. Keister, Jr., Robert G. Anthony, and H. Richard Holbo</i>	148
CAUSES OF RECORDING ERRORS IN SINGING BIRD SURVEYS <i>Jonathan Bart</i>	161
PATTERNS OF ASSOCIATION OF SECONDARY SPECIES IN ROOSTS OF EUROPEAN STARLINGS AND COMMON GRACKLES <i>Donald F. Caccamise and Joseph Fischl</i>	173
BREEDING ROBINS AND NEST PREDATORS: EFFECT OF PREDATOR TYPE AND DEFENSE STRATEGY ON INITIAL VOCALIZATION PATTERNS <i>Bradley M. Gottfried, Kathryn Andrews, and Michaela Haug</i>	183
AGGREGATIONS OF CORY'S SHEARWATERS (<i>CALONECTRIS DIOMEDEA</i>) AT GULF STREAM FRONTS <i>J. Christopher Haney and Philip A. McGillivray</i>	191
BROWN PELICAN POPULATIONS AND POLLUTANTS IN TEXAS 1975-1981 <i>Kirke A. King, David R. Blankinship, Emilie Payne, Alexander J. Kryniitsky, and Gary L. Hensler</i>	201
GENERAL NOTES	
HOME RANGE AND HABITAT USE OF FOREST-DWELLING MALLARDS IN MINNESOTA <i>Ronald E. Kirby, John H. Riechmann, and Lewis M. Cowardin</i>	215
OBSERVATIONS OF THE FORMATION OF A SAGE GROUSE LEK <i>Robert J. Gates</i>	219
NEST USURPATION AND FEMALE COMPETITION FOR BREEDING OPPORTUNITIES BY TREE SWALLOWS <i>David Leffelaar and Raleigh J. Robertson</i>	221
WINTERING BALD EAGLES ALONG THE RIO YAQUI, SONORA, MEXICO <i>Bryan T. Brown and Peter L. Warren</i>	224
FOOD HABITS OF RICHARDSON'S MERLINS IN SOUTHEASTERN MONTANA <i>Dale M. Becker</i>	226
RAPTORS KILLING RAPTORS <i>Daniel Klem, Jr., Brian S. Hillegass, and Diane A. Peters</i>	230
ANTS AND FORAGING BEHAVIOR OF THE COLLARED FOREST-FALCON <i>Nora M. Mays</i>	231
CASPIAN TERNS RESPOND TO RATTLESNAKE PREDATION IN A COLONY <i>James S. Quinn</i>	233
ACORN WOODPECKER MUTILATES NESTLING RED-BREASTED SAPSUCKERS ... <i>W. David Shuford</i>	234
TIMING OF PRIMARY MOLT IN FIRST-YEAR GOLDEN-PLOVERS AND SOME EVOLUTIONARY IMPLICATIONS <i>Oscar W. Johnson</i>	237
WING MOLT BY A NESTING PIED-BILLED GREBE <i>James E. Otto and David L. Strohmeier</i>	239
PARTITION OF WATER LOSS FROM THE EGGS OF THE SOOTY TERN BETWEEN THE PRE-PIPPING AND PIPPED PERIODS <i>G. C. Whittow</i>	240
DETERMINING WHETHER COMMON LOON EGGS HAVE HATCHED <i>Robert Alvo</i>	242
EASTWARD RANGE EXPANSION OF THE MARBLED GODWIT IN SOUTH AMERICA <i>Raymond McNeil, José Ramón Rodríguez S., and Francine Mercier</i>	243
A RECORD OF EXTREME LEUCISM IN THE CAROLINA WREN <i>Joseph J. Seneca</i>	244
ORNITHOLOGICAL LITERATURE	245
SPECIAL CONSERVATION REVIEW	259
ANNOUNCEMENTS	172, 258, 263

NUMBER 3

BEHAVIOR AND NESTING BIOLOGY OF THE ST. ANDREW VIREO	<i>Jon C. Barlow and Stephen V. Nash</i>	265
DISPLAY AND RELATED BEHAVIOR OF MALE PIN-TAILED MANAKINS	<i>Barbara K. Snow and D. W. Snow</i>	273
SPERM RELEASE IN MIGRATING WOOD-WARBLEDERS (PARULINAE) NESTING AT HIGHER LATITUDES	<i>W. B. Quay</i>	283
MOLT MIGRATION OF LARGE CANADA GEESE ON THE WEST COAST OF HUDSON BAY	<i>Rolph A. Davis, Rene N. Jones, Charles D. MacInnes, and Allan J. Pakulak</i>	296
AN AERODYNAMIC BASIS FOR SELECTING TRANSMITTER LOADS IN BIRDS	<i>Donald F. Caccamise and Robert S. Hedin</i>	306
NEST SITE USE BY CAVITY-NESTING BIRDS OF THE CARIBOO PARKLAND, BRITISH COLUMBIA	<i>Barbara Peterson and Gilles Gauthier</i>	319
EFFECT OF VOLES ON MATING SYSTEMS IN A CENTRAL WISCONSIN POPULATION OF HARRIERS	<i>Frances Hamerstrom, Frederick N. Hamerstrom, and Charles J. Burke</i>	332
COMPARATIVE HABITAT USE BY LOUISIANA AND NORTHERN WATERTHRUSHES	<i>Robert J. Craig</i>	347
GENERAL NOTES		
AN ECOLOGICAL COMPARISON OF THE AVIFAUNAS OF GRENADA AND TOBAGO, WEST INDIES	<i>Joseph M. Wunderle, Jr.</i>	356
SEASONAL DISTRIBUTION OF SUBADULT BALD EAGLES IN THREE MINNESOTA HABITATS	<i>James D. Fraser, L. D. Frenzel, John E. Mathisen, and Mark E. Shough</i>	365
SKUA PREDATION ON PENGUIN EGGS: THE INFLUENCE OF EGG QUALITY AND LOCATION	<i>M. de L. Brooke</i>	366
EARLY AUTUMN MOVEMENTS AND PREBASIC MOLT OF SWAINSON'S THRUSHES	<i>Jeffrey D. Cherry</i>	368
NEST-DEFENSE OF THE FLORIDA SCRUB JAY AND THE PROBLEM OF "INCUBATION" BY MALE PASSERINES	<i>Jack P. Hailman and Glen E. Woolfenden</i>	370
NESTLING FEEDING SCHEDULES OF TURQUOISE-BROWED MOTMOTS IN YUCATÁN, MEXICO	<i>Mark W. Martin and Robert F. Martin</i>	372
ARRIVAL AND DEPARTURE PATTERNS OF GREAT BLUE HERONS AT A SOUTH DAKOTA COLONY	<i>Eileen M. Dowd and Lester D. Flake</i>	374
NOTES ON THE RELATIONSHIPS OF ISLAND AREA AND DISTANCE FROM MAINLAND TO THE PRESENCE OF HERRING GULL COLONIES IN LAKE NIPIGON, ONTARIO	<i>Kevin Timoney, Jim Rogers, and Anne Robinson</i>	378
INTERACTIONS BETWEEN HOUSE SPARROWS AND COMMON GROUND-DOVES ON WALKER'S CAY, BAHAMAS	<i>Jerome A. Jackson and Bette J. Schardien Jackson</i>	379
COMMENTARY AND OBSERVATIONS ON THE ALLEGED TRANSPORTATION OF EGGS AND YOUNG BY CAPRIMULGIDS	<i>H. D. Jackson</i>	381
TEMPERATURE FLUCTUATIONS AND NESTING BEHAVIOR OF ROCK WRENS IN A HIGH-ALTITUDE ENVIRONMENT	<i>Licia Wolf, Richard M. Lejniaks, Cathy R. Brown, and Joseph Yarchin</i>	385
A SECOND BROOD BY CANADA GEESE	<i>David H. Brakhaage</i>	387
A FOUR-EGG CLUTCH OF THE MOUNTAIN PLOVER	<i>Michael J. Hamas and Walter D. Graul</i>	388
TERRITORIAL BEHAVIOR OF AMERICAN CROWS	<i>Lawrence Kilham</i>	389
THE STATUS OF THE SOOTY STORM-PETREL IN HAWAII	<i>Mark J. Rauzon, Craig S. Harrison, and Sheila Conant</i>	390

VOCAL IMITATION IN A CAPTIVE PURPLE MARTIN	<i>Eugene S. Morton</i>	392
OBSERVATIONS OF A TUFTED TITMOUSE AND A CATTLE EGRET ASSOCIATING WITH A BLACK BEAR	<i>Tommy R. Smith</i>	395
ABNORMAL YELLOW EYE RING ON A TROPICAL KINGBIRD <i>Floyd E. Hayes, William S. Baker, and Kent R. Beaman</i>		395
ORNITHOLOGICAL LITERATURE		397
ADDITIONS TO THE BOOK LIST OF THE JOSSELYN VAN TYNE MEMORIAL LIBRARY		405
ANNOUNCEMENTS		331, 411

NUMBER 4

A NEW SPECIES OF TANAGER (EMBERIZIDAE: THRAUPINAE, <i>TANGARA</i>) FROM SOUTHERN PERU <i>Thomas S. Schulenberg and Laurence C. Binford</i>		413
GENETIC EVIDENCE FOR RELATIONSHIPS AMONG THE RED-EYED, YELLOW-GREEN, AND CHIVI VIREOS <i>Ned K. Johnson and Robert M. Zink</i>		421
NORTHERN CARDINAL SONG IN THREE FOREST HABITATS IN EASTERN TEXAS <i>Mary E. Anderson and Richard N. Conner</i>		436
REPRODUCTIVE ENERGETICS OF BLUE-EYED SHAGS IN ANTARCTICA <i>Neil P. Bernstein and Stephen J. Maxson</i>		450
INTERSPECIFIC RELATIONSHIPS BETWEEN AMERICAN COOTS AND WATERFOWL DURING FALL MIGRATION	<i>William R. Eddleman, Craig T. Patterson, and Fritz L. Knopf</i>	463
WETLAND SELECTION BY MALLARDS AND BLUE-WINGED TEAL <i>John H. Mulhern, Thomas D. Nudds, and B. Richard Neal</i>		473
TIME-ACTIVITY BUDGET FOR BREEDING GREATER GOLDEN-PLOVERS IN NORWEGIAN MOUNTAINS <i>Ingvar Byrkjedal</i>		486
INTRASEASONAL MOVEMENT BETWEEN COLONY SITES BY CASPIAN TERNS IN THE GREAT LAKES <i>Francesca J. Cuthbert</i>		502
MOVEMENT OF MOJAVE DESERT SPARROW FLOCKS	<i>John Eichinger and David J. Moriarty</i>	511
SURVIVORSHIP IN THE TUFTED TITMOUSE	<i>William H. Elder</i>	517
GENERAL NOTES		
HABITAT AND SNAG SELECTION BY WOODPECKERS IN A CLEAR-CUT: AN ANALYSIS USING ARTIFICIAL SNAGS <i>Daniel R. Petit, Kenneth E. Petit, Thomas C. Grubb, Jr. and Lisa J. Reichhardt</i>		525
DIFFERENCES IN THE FEEDING BEHAVIOR OF LITTLE EGRETS (<i>EGRETTA GARZETTA</i>) IN TWO HABITATS IN THE CAMARGUE, FRANCE <i>R. Michael Erwin, Heinz Hafner, and Patrick Dugan</i>		534
INTERACTIONS BETWEEN GREAT BLUE HERONS AND GULLS	<i>Range D. Bayer</i>	538
CIRCUMSTANTIAL EVIDENCE OF FORAGING INTERFERENCE BETWEEN TWO SPECIES OF DABBLING DUCKS	<i>Hannu Pöysä</i>	541
BAND-RUMPED STORM-PETREL OCCURRENCES IN RELATION TO UPWELLING OFF THE COAST OF THE SOUTHEASTERN UNITED STATES	<i>J. Christopher Haney</i>	543
NEST, SEASONAL MOVEMENTS, AND BREEDING OF BUFFY HUMMINGBIRDS IN XERIC HABITATS OF NORTHEASTERN VENEZUELA	<i>Raymond McNeil and José Ramón Rodríguez S.</i>	547
BROOD-REARING AND POSTBREEDING HABITAT USE BY VIRGINIA RAILS AND SORAS <i>Rex R. Johnson and James J. Dinsmore</i>		551
GROWTH RATES AND DEVELOPMENT OF REDHEAD DUCKLINGS	<i>Jill P. Lightbody</i>	554

KIN CANNIBALISM IN THE PURPLE GALLINULE	<i>Laurie A. Hunter</i>	560
INFLUENCE OF VARIOUS LAND USES ON WINDBREAK SELECTION BY NESTING MISSISSIPPI KITES <i>Diane Love, Joseph A. Grzybowski, and Fritz L. Knopf</i>		561
SPECIES-AREA RELATIONSHIP OF BIRDS ON SMALL ISLANDS AT ISLE ROYALE, MICHIGAN <i>Joseph Van Buskirk</i>		566
AVOIDANCE OF ACOUSTIC INTERFERENCE BY OVENBIRDS <i>Robert W. Ficken, James W. Popp, and Paul E. Matthiae</i>		569
GILA WOODPECKER STORES ACORNS	<i>M. H. MacRoberts and B. R. MacRoberts</i>	571
BROWN NODDY ATTACKS MOUSE	<i>Harold Heatwole</i>	571
EASTERN SCREECH-OWL CAPTURES GOLDFISH IN PATIO POND	<i>Kenneth W. Prescott</i>	572
ORNITHOLOGICAL LITERATURE		574
PROCEEDINGS OF THE SIXTY-SIXTH ANNUAL MEETING		591
CHANGES IN FORMAT		606
ANNOUNCEMENTS		435, 608
INDEX		609

THE WILSON BULLETIN

Editor KEITH L. BILDSTEIN
Department of Biology
Winthrop College
Rock Hill
South Carolina 29733

Associate Editors MICHAEL W. COLLOPY
RICHARD N. CONNER
J. P. MYERS
WILLIAM M. SHIELDS
JEFFREY R. WALTERS

Assistant Editors ALBERT E. CONWAY
ANNE S. WENNER
JULIE A. HOVIS
JAMES W. JOHNSTON
JOHN B. OLSON
DAVID L. RANKIN

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

Color Plate Editor WILLIAM A. LUNK
865 North Wagner
Road
Ann Arbor, MI 48103

Index Editor KATHY G. BEAL
Department of Biology
Capital University
Columbus, OH 43209

SUGGESTIONS TO AUTHORS

See *Wilson Bulletin*, 97:606-607, 1985 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 General Notes, 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 21618, Columbus, OH 43221.

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. Richard Stiehl, Department of Biology, Southeast Missouri State Univ., Cape Girardeau, Missouri 63701.

CONTENTS

A NEW SPECIES OF Tanager (EMBERIZIDAE: THRAUPINAE, <i>TANGARA</i>) FROM SOUTHERN PERU <i>Thomas S. Schulenberg and Laurence C. Binford</i>	413
GENETIC EVIDENCE FOR RELATIONSHIPS AMONG THE RED-EYED, YELLOW-GREEN, AND CHIVI VIREOS <i>Ned K. Johnson and Robert M. Zink</i>	421
NORTHERN CARDINAL SONG IN THREE FOREST HABITATS IN EASTERN TEXAS <i>Mary E. Anderson and Richard N. Conner</i>	436
REPRODUCTIVE ENERGETICS OF BLUE-EYED SHAGS IN ANTARCTICA <i>Neil P. Bernstein and Stephen J. Maxson</i>	450
INTERSPECIFIC RELATIONSHIPS BETWEEN AMERICAN COOTS AND WATERFOWL DURING FALL MI- GRATION <i>William R. Eddleman, Craig T. Patterson, and Fritz L. Knopf</i>	463
WETLAND SELECTION BY MALLARDS AND BLUE-WINGED TEAL <i>John H. Mulhern, Thomas D. Nudds, and B. Richard Neal</i>	473
TIME-ACTIVITY BUDGET FOR BREEDING GREATER GOLDEN-PLOVERS IN NORWEGIAN MOUNTAINS <i>Ingvar Byrkjedal</i>	486
INTRASEASONAL MOVEMENT BETWEEN COLONY SITES BY CASPIAN TERNS IN THE GREAT LAKES <i>Francesca J. Cuthbert</i>	502
MOVEMENT OF MOJAVE DESERT SPARROW FLOCKS <i>John Eichinger and David J. Moriarty</i>	511
SURVIVORSHIP IN THE TUFTED TITMOUSE <i>William H. Elder</i>	517
GENERAL NOTES	
HABITAT AND SNAG SELECTION BY WOODPECKERS IN A CLEAR-CUT: AN ANALYSIS USING ARTIFICIAL SNAGS <i>Daniel R. Petit, Kenneth E. Petit, Thomas C. Grubb, Jr. and Lisa J. Reichhardt</i>	525
DIFFERENCES IN THE FEEDING BEHAVIOR OF LITTLE EGRETS (<i>EGRETTA GARZETTA</i>) IN TWO HABITATS IN THE CAMARGUE, FRANCE <i>R. Michael Erwin, Heinz Hafner, and Patrick Dugan</i>	534
INTERACTIONS BETWEEN GREAT BLUE HERONS AND GULLS <i>Range D. Bayer</i>	538
CIRCUMSTANTIAL EVIDENCE OF FORAGING INTERFERENCE BETWEEN TWO SPECIES OF DAB- BLING DUCKS <i>Hannu Pöysä</i>	541
BAND-RUMPED STORM-PETREL OCCURRENCES IN RELATION TO UPWELLING OFF THE COAST OF THE SOUTHEASTERN UNITED STATES <i>J. Christopher Haney</i>	543
NEST, SEASONAL MOVEMENTS, AND BREEDING OF BUFFY HUMMINGBIRDS IN XERIC HABITATS OF NORTHEASTERN VENEZUELA <i>Raymond McNeil and José Ramón Rodríguez S.</i>	547
BROOD-REARING AND POSTBREEDING HABITAT USE BY VIRGINIA RAILS AND SORAS <i>Rex R. Johnson and James J. Dinsmore</i>	551
GROWTH RATES AND DEVELOPMENT OF REDHEAD DUCKLINGS <i>Jill P. Lightbody</i>	554
KIN CANNIBALISM IN THE PURPLE GALLINULE <i>Laurie A. Hunter</i>	560
INFLUENCE OF VARIOUS LAND USES ON WINDBREAK SELECTION BY NESTING MISSISSIPPI KITES <i>Diane Love, Joseph A. Grzybowski, and Fritz L. Knopf</i>	561
SPECIES-AREA RELATIONSHIP OF BIRDS ON SMALL ISLANDS AT ISLE ROYALE, MICHIGAN <i>Joseph Van Buskirk</i>	566
AVOIDANCE OF ACOUSTIC INTERFERENCE BY OVENBIRDS <i>Robert W. Ficken, James W. Popp, and Paul E. Matthiae</i>	569
GILA WOODPECKER STORES ACORNS <i>M. H. MacRoberts and B. R. MacRoberts</i>	571
BROWN NODDY ATTACKS MOUSE <i>Harold Heatwole</i>	571
EASTERN SCREECH-OWL CAPTURES GOLDFISH IN PATIO POND <i>Kenneth W. Prescott</i>	572
ORNITHOLOGICAL LITERATURE	574
PROCEEDINGS OF THE SIXTY-SIXTH ANNUAL MEETING	591
CHANGES IN FORMAT	606
ANNOUNCEMENTS	435, 608
INDEX	609