

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
WILLIAM M. SHIELDS
JEFFREY R. WALTERS

Assistant Editors ALBERT E. CONWAY
ANNE S. WENNER
DALE E. GAWLIK
JULIE A. HOVIS
JAMES W. JOHNSTON
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
616 Xenia Avenue
Yellow Springs, OH 45387

SUGGESTIONS TO AUTHORS

See *Wilson Bulletin*, 98:335-336, 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 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 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

<i>TANGARA PHILLIPSI</i> , A NEW SPECIES OF TANAGER FROM THE CERROS DEL SIRA, EASTERN PERU <i>Gary R. Graves and John S. Weske</i>	1
EFFECT OF CHANGES IN REGIONAL FOREST ABUNDANCE ON THE DECLINE AND RECOVERY OF A FOREST BIRD COMMUNITY <i>Robert A. Askins and Margaret J. Philbrick</i>	7
FOREST OPENINGS AND THE DISTRIBUTION OF UNDERSTORY BIRDS IN A PUERTO RICAN RAINFOREST <i>Joseph M. Wunderle, Jr., Ariel Diaz, Iris Velazquez, and Rafael Scharrón</i>	22
AGGRESSIVE BEHAVIOR OF WINTERING DIVING DUCKS (AYTHYINI) <i>William C. Alexander</i>	38
TIME BUDGET AND INCUBATION BEHAVIOR OF BREEDING WHITE-WINGED SCOTERS <i>Patrick W. Brown and Leigh H. Fredrickson</i>	50
ASSOCIATION OF MALE AND FEMALE AMERICAN ROBINS (<i>TURDUS MIGRATORIUS</i>) DURING THE BREEDING SEASON: PATERNITY ASSURANCE BY SEXUAL ACCESS OR MATE-GUARDING <i>Patricia Adair Gowaty and Jonathan H. Plissner</i>	56
GEOGRAPHIC VARIATION IN TESTIS SIZE IN SAVANNAH SPARROWS (<i>PASSERCULUS SANDWICHENSIS</i>) <i>J. D. Rising</i>	63
SHORT COMMUNICATIONS	
NESTING, VOICE, STATUS, AND RELATIONSHIPS OF THE ENDEMIC CUBAN GUNDLACH'S HAWK (<i>ACCIPITER GUNDLACHI</i>) <i>George B. Reynard, Lester L. Short, Orlando H. Garrido, and Giraldo Alayón G.</i>	73
POSTFLEDGING BEHAVIOR OF AMERICAN KESTRELS IN SOUTHWESTERN QUEBEC <i>Diana W. Lett and David M. Bird</i>	77
ABUNDANCE, HABITAT USE, AND PERCH USE OF LOGGERHEAD SHRIKES IN NORTH-CENTRAL FLORIDA <i>Petra Bohall-Wood</i>	82
TESTOSTERONE, AGGRESSION, AND DOMINANCE IN GAMBEL'S WHITE-CROWNED SPARROWS <i>Luis F. Baptista, Barbara B. DeWolfe, and Leslee Avery-Beausoleil</i>	86
GROWTH CHARACTERISTICS OF WOOD DUCKS FROM TWO SOUTHEASTERN BREEDING LOCATIONS <i>I. Lehr Brisbin, Jr., Robert A. Kennamer, Gary C. White, Parshall B. Bush, and Lynn A. Mayack</i>	91
EFFECT OF SNOW COVER ON STARLING ACTIVITY AND FORAGING PATTERNS <i>Alan D. Maccarone</i>	94
AGONISTIC COMMUNICATION AMONG WINTERING PURPLE FINCHES <i>James W. Popp</i>	97
PREY ROBBERY BY NONBREEDING MAGNIFICENT FRIGATEBIRDS (<i>FREGATA MAGNIFICENS</i>) <i>H. Lisle Gibbs and James P. Gibbs</i>	101
THE NEST, EGGS, AND YOUNG OF THE WHITE-WHISKERED SPINETAIL (<i>SYNALLAXIS [POECILURUS] CANDEI</i>) <i>Carlos Bosque and Miguel Lentino</i>	104
REPRODUCTION AND MOLT IN THE BURROWING PARROT <i>Enrique H. Bucher, Maria A. Bertin, and Alicia B. Santamaria</i>	107
EXTRAPAIR FEEDING IN PIED-BILLED GREBES <i>Mark R. L. Forbes</i>	109
FORAGING, SCAVENGING, AND OTHER BEHAVIOR OF SWALLOWS ON THE GROUND <i>Keith A. Hobson and Spencer G. Sealy</i>	111
DECEMBER RECORDS OF SEABIRDS OFF NORTH CAROLINA <i>David S. Lee</i>	116
FIRST RECORD OF THE GREY-CHINNED HERMIT (<i>PHAETHORNIS GRISEOGULARIS</i>) WEST OF THE COLOMBIAN ANDES, WITH NOTES ON THE DISPLAYS OF THE SPECIES <i>Karl-L. Schuchmann</i>	122
ESTIMATING RELATIVE ABUNDANCE OF FOREST BIRDS: SIMPLE VERSUS ADJUSTED COUNTS <i>Martin G. Raphael</i>	125
A SYNTHETIC DIET FOR FRUIT-EATING BIRDS <i>Julie S. Denslow, Douglas J. Levey, Timothy C. Moermond, and Bernard C. Wentworth</i>	131
BATHING BEHAVIOR OF NESTING PRAIRIE FALCONS (<i>FALCO MEXICANUS</i>) IN SOUTHWESTERN IDAHO <i>Anthonie M. A. Holthuijzen, Peter A. Duley, Joan C. Hagar, Scott A. Smith, and Kristin N. Wood</i>	135
AN INCIDENT OF BROOD PARASITISM BY THE VERDIN <i>Michael D. Carter</i>	136
DOWNY WOODPECKER CACHES FOOD <i>Albert E. Burchsted</i>	136
ORNITHOLOGICAL LITERATURE	138
ANNOUNCEMENTS	150