

## 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

ASPECTS OF THE PELAGIC ECOLOGY AND BEHAVIOR OF THE BLACK-CAPPED PETREL ( <i>PTERODROMA HASITATA</i> ) .....	J. Christopher Haney 153
KARYOTYPES OF FIVE SPECIES OF <i>EMPIDONAX</i> FLYCATCHERS <i>Gerald F. Shields, Jon C. Barlow, and Ross D. James</i>	169
HABITAT USE BY BREEDING WILLETS IN THE NORTHERN GREAT PLAINS <i>Mark R. Ryan and Rochelle B. Renken</i>	175
WITHIN-BROOD VARIATION IN GROWTH AND CONDITION IN RELATION TO BROOD REDUCTION IN THE AMERICAN WHITE PELICAN .....	<i>Roger M. Evans and Blair F. McMahon</i> 190
HABITAT USE AND TERRITORY CHARACTERISTICS OF RED-COCKADED WOODPECKERS IN CENTRAL FLORIDA .....	<i>Roy S. DeLotelle, Robert J. Epting, and James R. Newman</i> 202
USE OF EVEN-AGED STANDS BY WINTER AND SPRING BIRD COMMUNITIES ....	<i>Richard H. Yahner</i> 218
DIET AND FORAGING BEHAVIOR OF RING-BILLED GULLS BREEDING AT DOG LAKE, MANITOBA <i>Clive V. J. Welham</i>	233
SHORT COMMUNICATIONS	
BROOD DIVISION AND POSTNESTING BEHAVIOR OF FLAMMULATED OWLS <i>Brian D. Linkhart and Richard T. Reynolds</i>	240
SPECIES-AREA RELATIONSHIPS OF WINTER RESIDENTS IN ISOLATED WOODLOTS <i>John G. Blake</i>	243
BARK-FORAGING BIRD ABUNDANCE UNAFFECTED BY INCREASED SNAG AVAILABILITY IN A MIXED MESOPHYTIC FOREST .....	<i>Gail A. McPeck, William C. McComb, John J. Moriarty, and Gloria E. Jacoby</i> 253
COLOR DICHROMATISM IN FEMALE AMERICAN REDSTARTS <i>Caroline B. Spellman, Robert E. Lemon, and Michael M. J. Morris</i>	257
NEST-SITE QUALITY AND REPRODUCTIVE SUCCESS OF EARLY- AND LATE-NESTING DOUBLE-CRESTED CORMORANTS .....	<i>Raymond McNeil and Claire Léger</i> 262
HIGH BASAL METABOLIC RATE IN SANDERLINGS ( <i>CALIDRIS ALBA</i> ) .....	<i>Gonzalo Castro</i> 267
ON THE ANTIPREDATOR ADVANTAGES OF COLONIALITY: A WORD OF CAUTION <i>James A. Rodgers, Jr.</i>	269
THE FORAGING BEHAVIOR OF GRAY GULLS AT A SANDY BEACH <i>P. G. Ryan, P. A. R. Hockey, and A. L. Bosman</i>	271
INTEREST DISPLACEMENT OF WHITE IBIS EGGS .....	<i>Mark A. Shields</i> 273
DISTRIBUTION AND STATUS OF BROWN PELICANS IN VENEZUELA IN 1983 <i>Hector M. Guzman and Ralph W. Schreiber</i>	275
FIRST BALD EAGLE NESTING RECORD FROM SONORA, MEXICO <i>Bryan T. Brown, Peter L. Warren, and L. Susan Anderson</i>	279
FIELD OBSERVATIONS AND COMMENTS ON THE INDIGO MACAW ( <i>ANODORHYNCHUS LEARI</i> ), A HIGHLY ENDANGERED SPECIES FROM NORTHEASTERN BRAZIL .....	<i>Carlos Yamashita</i> 280
NOTES ON THE MOUNTAIN CARACARA ( <i>PHALCOBOENUS MEGALOPTERUS</i> ) IN THE ARGENTINE PUNA .....	<i>Clayton M. White and Douglas A. Boyce</i> 283
PRODUCTION OF SECOND BROODS BY NORTHERN BOBWHITES <i>William O. Sermons and Dan W. Speake</i>	285
POLYANDRY IN A FEMALE NORTHERN MOCKINGBIRD <i>Keith R. Fulk, Cheryl A. Logan, and Laura E. Hyatt</i>	286
FISH-HOLDING BEHAVIOR OF MARBLED MURRELETS <i>Harry R. Carter and Spencer G. Sealy</i>	289
GRAY KINGBIRD PREDATION ON SMALL FISH ( <i>POECILIA</i> SP.) CROSSING A SANDBAR <i>Louis Lefebvre and Dominique Spahn</i>	291
AERIAL PLUNGE FORAGING BY A GREAT BLUE HERON ...	<i>Steven R. Morey and Allan Smits</i> 292
ALLOFEEDING IN AMERICAN GOLDFINCHES ( <i>CARDUELIS TRISTIS</i> ) .....	<i>James W. Popp</i> 293
BREWER'S BLACKBIRD FEEDING ON A BARN SWALLOW <i>Leon R. Powers and Mark J. Wheeler</i>	294
ORNITHOLOGICAL LITERATURE .....	296
CHANGE IN EDITOR .....	312
ANNOUNCEMENTS .....	174, 189, 201