

# The Wilson Bulletin

PUBLISHED BY THE WILSON ORNITHOLOGICAL SOCIETY

VOLUME 88

1976

QUARTERLY



EDITOR: JEROME A. JACKSON

REVIEW EDITOR: ROBERT RAIKOW

COLOR PLATE EDITOR: WILLIAM A. LUNK

EDITORIAL ASSISTANTS: ROBERT J. ESHER

DAVID F. WERSCHKUL

WAYNE C. WEBER

BETTE J. SCHARDIEN

GRACE L. EYSTER

DATES OF ISSUE OF VOLUME 88  
OF THE WILSON BULLETIN

NO. 1—22 APRIL 1976

NO. 2—30 JUNE 1976

NO. 3—19 OCTOBER 1976

NO. 4—11 FEBRUARY 1977

# CONTENTS OF VOLUME 88

## NUMBER 1

THE COLOR PHASES OF DOWNY MUTE SWANS .....	<i>Colleen Helgeson Nelson</i>	1
A KEY TO DOWNY CYGNETS WITH ANALYSIS OF PLUMAGE CHARACTERS	<i>Colleen Helgeson Nelson</i>	4
THE EFFECTS OF ORCHARD PESTICIDE APPLICATIONS ON BREEDING ROBINS	<i>Eric V. Johnson, Guilford L. Mack, and Daniel Q. Thompson</i>	16
WINTER ACTIVITY PATTERNS OF BLACK-CAPPED CHICKADEES IN INTERIOR ALASKA	<i>Brina Kessel</i>	36
FORAGING BEHAVIOR AND HABITAT SELECTION OF THREE SPECIES OF VIREOS IN SOUTHERN ONTARIO .....	<i>Ross D. James</i>	62
MOLT IN LEACH'S AND ASHY STORM-PETRELS	<i>David G. Ainley, T. James Lewis, and Steve Morrell</i>	76
COMPARATIVE BREEDING BEHAVIOR AND ECOLOGY OF THE BUSHY-CRESTED AND NELSON SAN BLAS JAYS .....	<i>John William Hardy</i>	96
SOME DYNAMICS OF A BREEDING COLONY OF LAYSAN ALBATROSSES .....	<i>Harvey I. Fisher</i>	121
GENERAL NOTES		
NOTES ON THE BEHAVIOR OF CAPTIVE GREAT CORMORANTS .....	<i>R. Kenyon Ross</i>	143
ADAPTIVENESS OF FORAGING IN THE CATTLE EGRET .....	<i>Thomas C. Grubb, Jr.</i>	145
WOOD DUCK INCUBATES EGGLESS CLUTCH .....	<i>H. W. Heusmann and Peter R. Pekkala</i>	148
EXTREMES OF SEXUAL DIMORPHISM IN SIZE IN BIRDS .....	<i>Katherine Ralls</i>	149
NEW BIRD RECORDS FOR EL SALVADOR .....	<i>Alan Feduccia</i>	150
THE IMPACT OF AN UNDERGROUND NUCLEAR FRACTURING EXPERIMENT ON CLIFF-NESTING RAPTORS .....	<i>Dale W. Stahlecker and A. William Alldredge</i>	151
NATAL PTERYLOSIS OF <i>SPOROPHILA</i> FINCHES	<i>Charles T. Collins and Michael H. Kemp</i>	154
CEDAR WAXWING FEEDING FROM SPIDER WEB	<i>Edward H. Burt, Jr., B. Dennis Sustare, and Jack P. Hailman</i>	157
AUTUMNAL BREEDING IN CHINESE SPOTTED DOVES .....	<i>Luis F. Baptista</i>	158
EDITORIAL: BLACKBIRDS, SCARE TACTICS, AND IRRESPONSIBLE LEGISLATION .....		159
ORNITHOLOGICAL NEWS .....		161
CONSERVATION COMMITTEE REPORT ON EFFECTS OF ALTERATION OF SAGEBRUSH COMMUNITIES ON THE ASSOCIATED AVIFAUNA .....		165
ORNITHOLOGICAL LITERATURE .....		172
REQUESTS FOR ASSISTANCE .....		35, 61, 120

NUMBER 2

PAIR-FORMATION DISPLAYS OF THE GREAT BLUE HERON .....	<i>Douglas W. Mock</i>	185
BEHAVIORAL INTERACTIONS OF BLUE-WINGED AND GOLDEN-WINGED WARBLERS		
	<i>Bertram G. Murray, Jr. and Frank B. Gill</i>	231
COMPARATIVE BREEDING ECOLOGY OF PHOEBES IN TRANS-PECOS TEXAS .....	<i>Harry M. Ohlendorf</i>	255
FALL RESOURCE DIVISION IN SANTA CRUZ ISLAND HUMMINGBIRDS		
	<i>Richard I. Yeaton and Lyndall Laughrin</i>	272
A MONTANE HUMMINGBIRD TERRITORIAL SYSTEM IN OAXACA, MEXICO .....	<i>David L. Lyon</i>	280
GANNETS IN NORTH AMERICA: PRESENT NUMBERS AND RECENT POPULATION CHANGES		
	<i>David N. Nettleship</i>	300
FEEDING BEHAVIOR AND DIET OF THE LONG-BILLED CURLEW AND WILLET		
	<i>Lynne E. Stenzel, Harriet R. Huber, and Gary W. Page</i>	314
OVERLAND MIGRATION BY COMMON EIDERS OF THE ST. LAWRENCE ESTUARY		
	<i>J. Gauthier, J. Bédard, and A. Reed</i>	333
GENERAL NOTES		
AN EARLY PLEISTOCENE AVIFAUNA FROM HAILE XVA, FLORIDA ..	<i>Kenneth E. Campbell, Jr.</i>	345
AN UNUSUAL CLUTCH SIZE OF THE BLACK-BELLIED WHISTLING DUCK		
	<i>Don Delnicki, Eric G. Bolen, and Clarence Cottam</i>	347
AN APPARENT HYBRID GOLDENEYE FROM MAINE .....	<i>Michael Gochfeld and Guy Tudor</i>	348
CLEPTOPARASITISM BY GULLS OF MIGRATING SHOREBIRDS		
	<i>Robert B. Payne and Henry F. Howe</i>	349
RAPID TAIL MOLT AND TEMPORARILY IMPAIRED FLIGHT IN THE CHUCK-WILL'S-WIDOW		
	<i>Robert M. Mengel</i>	351
THROAT OBSTRUCTION AS A MORTALITY FACTOR AMONG WILLOW PTARMIGAN CHICKS		
	<i>Ingolf Hanssen and Howard Parker</i>	353
GRAY-BACKED TERNS EAT LIZARDS .....	<i>Roger B. Clapp</i>	354
LEAF SCRATCHING IN WHITE-CROWNED SPARROWS AND FOX SPARROWS: TEST OF A MODEL		
	<i>Jack P. Hailman</i>	354
AERIAL FISHING BY PIED HERONS .....	<i>Michael Gochfeld</i>	356
AMERICAN KESTREL EATING CARRION .....	<i>G. Robert Ganis</i>	357
HOUSE SPARROWS USURP HORNERO NESTS IN ARGENTINA .....	<i>Joanna Burger</i>	357
A WESTWARD EXTENSION IN THE BREEDING RANGE OF THE MOUNTAIN PLOVER		
	<i>Duane A. Tolle</i>	358
THE NESTING SITE OF THE NORTHERN ORIOLE IN AMHERST, MASSACHUSETTS		
	<i>Rudolph L. Graf and Frederick Greeley</i>	359

ORNITHOLOGICAL NEWS .....	360
ORNITHOLOGICAL LITERATURE .....	361
NOTICE TO CONTRIBUTORS .....	332
REQUEST FOR ASSISTANCE .....	313

NUMBER 3

ROSEATE TERN BILL COLOR CHANGE IN RELATION TO NESTING STATUS AND FOOD SUPPLY <i>Grace Donaldson Cormons</i>	377
HABITAT SELECTION AND TERRITORIAL BEHAVIOR OF THE SMALL GREBES OF NORTH DAKOTA <i>John Faaborg</i>	390
NESTING BIOLOGY OF THE LONG-TAILED MANAKIN ..... <i>Mercedes S. Foster</i>	400
CHEMICAL RESIDUE CONTENT AND HATCHABILITY OF SCREECH OWL EGGS <i>Erwin E. Klaas and Douglas M. Swineford</i>	421
LOON PRODUCTIVITY, HUMAN DISTURBANCE, AND PESTICIDE RESIDUES IN NORTHERN MINNESOTA <i>Catherine H. Ream</i>	427
ON THE RELATIVE ABUNDANCE OF MIGRANTS FROM THE NORTH TEMPERATE ZONE IN TROPICAL HABITATS ..... <i>James R. Karr</i>	433
EGGSHELL QUALITY: ITS ECOLOGICAL AND PHYSIOLOGICAL SIGNIFICANCE IN A DDE-CONTAMINATED COMMON TERN POPULATION ..... <i>Glen A. Fox</i>	459
THE RELATIONSHIP BETWEEN BROOD SIZE AND AGE OF EFFECTIVE HOMEOTHERMY IN NESTLING HOUSE WRENS ..... <i>Erica H. Dunn</i>	478
GENERAL NOTES	
WINTER ABUNDANCE PATTERNS OF NORTH AMERICAN KINGLETS <i>Larry W. Lephien and Carl E. Bock</i>	483
VOCAL MIMICRY IN THE THICK-BILLED EUPHONIA ..... <i>Eugene S. Morton</i>	485
OBSERVATIONS OF VOCAL MIMICRY IN THE THICK-BILLED EUPHONIA .... <i>J. V. Remsen, Jr.</i>	487
CROP CONTENTS OF ROCK DOVES IN VIRGINIA <i>Thomas A. Pierson, Robert G. Cobb, and Patrick F. Scanlon</i>	489
A PROBABLE MOURNING $\times$ MACGILLIVRAY'S WARBLER HYBRID <i>Sebastian T. Patti and Mary Louise Myers</i>	490
CHANGE IN STATUS OF RED-COCKADED WOODPECKER COLONIES .... <i>Richard L. Thompson</i>	491
NOTES ON TWO SPECIES OF BOLIVIAN BIRDS ..... <i>John P. O'Neill</i>	492
BREEDING CHRONOLOGY AND INTERSPECIFIC RELATIONS OF PIED-BILLED GREBES IN NORTHERN MINNESOTA ..... <i>Ronald E. Kirby</i>	493
GROWTH RATE IN THE MONK PARAKEET .... <i>Donald F. Caccamise and Peter J. Alexandro</i>	495
FORAGING METHODS OF THE SONG THRUSH ..... <i>C. J. Henty</i>	497

A LATE NESTING ATTEMPT BY CLARK'S NUTCRACKER .....	<i>Diana F. Tomback</i>	499
LEK BEHAVIOR OF THE BUFF-BREASTED SANDPIPER .....	<i>J. P. Pevett and J. F. Barr</i>	500
SANDHILL CRANES FEEDING ON DUCKLINGS .....	<i>Carroll D. Littlefield</i>	503
SUCCESSFUL PARASITISM OF THE GRAY CATBIRD BY THE BROWN-HEADED COWBIRD		
	<i>Joan C. Woodward</i>	504
AVIAN TUBERCULOSIS IN A SAW-WHET OWL .....	<i>Wayne J. Mollhoff</i>	505
OBSERVATIONS AT A CAVITY NEST OF THE COMMON GRACKLE AND AN ANALYSIS OF GRACKLE NEST SITES .....	<i>George R. Maxwell II, Jean M. Nocilly, and Robert I. Shearer</i>	505
UNUSUAL INTENSITY OF FIGHTING IN RING-NECKED DUCKS		
	<i>Rodger D. Titman and Norman R. Seymour</i>	507
CEDAR WAXWINGS AND EASTERN BLUEBIRDS FEEDING ON WINTER STONEFLIES		
	<i>Benedict C. Pinkowski</i>	508
AN INCIDENT OF BLUE JAY PREDATION ON A YELLOW-RUMPED WARBLER		
	<i>Kenneth W. Johnson and Joye E. Johnson</i>	509
ORNITHOLOGICAL NEWS .....		510
ORNITHOLOGICAL LITERATURE .....		512

NUMBER 4

BEHAVIORAL ECOLOGY OF THE YUCATAN JAY .....	<i>Ralph J. Raitt and John William Hardy</i>	529
HOST-PARASITE RELATIONSHIPS OF THE BROWN-HEADED COWBIRD IN A PRAIRIE HABITAT OF WEST-CENTRAL KANSAS .....	<i>Richard A. Hill</i>	555
BREEDING BIOLOGY AND PARASITISM IN THE RUDDY DUCK .....	<i>W. Roy Siegfried</i>	566
WOODPECKER DEPENDENCE ON TREES INFECTED BY FUNGAL HEART ROTs		
	<i>Richard N. Conner, Orson K. Miller, Jr., and Curtis S. Adkisson</i>	575
THE BREEDING DISTRIBUTION OF NORTH AMERICAN MIGRANT BIRDS: A CRITIQUE OF MACARTHUR (1959) .....	<i>Mary F. Willson</i>	582
VARIATION IN CADENCE OF FIELD SPARROW SONGS .....	<i>Donald B. Heckenlively</i>	588
FALL AND WINTER ROOSTING HABITS OF CAROLINA CHICKADEES .....	<i>T. David Pitts</i>	603
COMPARATIVE NESTING BIOLOGY OF SOME HOLE-NESTING BIRDS IN THE CARIBOO PARKLANDS, BRITISH COLUMBIA .....	<i>Anthony J. Erskine and William D. McLaren</i>	611
FOOD HABITS OF RING-BILLED GULLS BREEDING IN THE GREAT LAKES REGION		
	<i>William L. Jarvis and William E. Southern</i>	621
OBSERVATIONS ON THE BREEDING BIOLOGY OF BLACK-BELLIED PLOVERS ON DEVON ISLAND, N.W.T., CANADA .....	<i>David J. T. Hussell and Gary W. Page</i>	632
GENERAL NOTES		
EFFECTS OF A SEVERE THUNDERSTORM ON AIRBORNE DUCKS .....	<i>Roland R. Roth</i>	654

FEEDING RHYTHM IN NESTLING WHITE IBIS .....	<i>James A. Kushlan</i>	656
OBSERVATIONS OF SWAINSON'S HAWK NESTING IN NORTHEASTERN ILLINOIS <i>James R. Keir and Deann De La Ronde Wilde</i>		658
FOODS OF 6 FULVOUS WHISTLING DUCKS IN COASTAL SOUTH CAROLINA <i>J. Larry Landers and A. Sydney Johnson</i>		659
SOME EFFECTS OF HUMAN ACTIVITIES ON THE GREAT BLUE HERON IN OREGON <i>David F. Werschkul, Ellen McMahon, and Mary Leitschuh</i>		660
SWIMMING BY BOBWHITE CHICKS .....	<i>Paul A. Stewart</i>	662
SEASONAL VARIATION IN FORAGING TERRITORY OF RED-COCKADED WOODPECKERS <i>J. P. Skorupa and R. W. McFarlane</i>		662
CHOICE OF NEST BOXES BY STARLINGS .....	<i>Harry G. Lumsden</i>	665
WING-FLASHING AND OTHER BEHAVIOR OF A MOCKINGBIRD TOWARD ITS DEAD YOUNG <i>Walter Kingsley Taylor</i>		666
FEEDING OF NESTLINGS BY THE CARACARA IN COSTA RICA .....	<i>Ann Reller Richmond</i>	667
UNUSUALLY LARGE VULTURE ROOST IN VIRGINIA <i>Irvine D. Prather, Richard N. Conner, and Curtis S. Adkisson</i>		667
PREY ITEMS OF COSHAWKS IN SOUTHWESTERN NEW YORK <i>Joseph A. Grzybowski and Stephen W. Eaton</i>		669
EXTRA-PARENTAL ASSISTANCE BY MALE AMERICAN KESTREL .....	<i>William A. Wegner</i>	670
YELLOW-CROWNED NIGHT HERONS DEFECATE, DISGORGE PELLETS ON SHORE <i>Hervey Brackbill</i>		670
MOURNING DOVE, COMMON CRACKLE CLEANING BILLS .....	<i>Hervey Brackbill</i>	671
CLIFF SWALLOW BREEDING IN SOUTH-CENTRAL FLORIDA .....	<i>Paul W. Sykes, Jr.</i>	671
MINIMUM TEMPERATURE FOR FEEDING BY PURPLE MARTINS .....	<i>Charles R. Brown</i>	672
HOW DO COWBIRDS FIND AND SELECT NESTS TO PARASITIZE? <i>Charles F. Thompson and Bradley M. Gottfried</i>		673
WHITE-THROATED SWIFTS FOLLOWING FARM MACHINERY <i>Stephen M. Alden and G. Scott Mills</i>		675
COMMON TERNS FEED ON MOLE CRABS .....	<i>Helmut C. Mueller</i>	675
ORNITHOLOGICAL LITERATURE .....		677
ORNITHOLOGICAL NEWS .....		685
PROCEEDINGS OF THE FIFTY-SEVENTH ANNUAL MEETING .....		688
REQUEST FOR ASSISTANCE .....		676
INDEX TO VOLUME 88 .....		699

**NEW MEMBER NOMINATIONS—  
WILSON ORNITHOLOGICAL SOCIETY**

. . . know anyone who would enjoy joining the WILSON ORNITHOLOGICAL SOCIETY

- your friends who study birds
- fellow members of local bird clubs
- your colleagues
- your students in bird study

Now is the time for WOS members to recommend non-members interested in birds for membership in the Society. Clip out and use the attached nomination forms. The Membership Committee Chairman then will issue the individual invitations to join the Society.

One form is for college and pre-college students, the other is for other nominations. Students have a special incentive to join the W.O.S. while still in school or college: at graduation, they can apply the total amount of dues paid while they were students toward a Life Membership in the Society.

An organization such as the W.O.S., which does not have the close contacts provided by regional or local chapters, depends on the initiative of the individual members for nominations of new members. Thank you for your help in finding new members and thus assisting the continued existence and growth of the Society.

Please mail all nominations to:

Douglas James, Chairman  
W.O.S. Student Membership Committee  
Department of Zoology  
University of Arkansas  
Fayetteville, Arkansas 72701

PLEASE CUT HERE

**W.O.S. NOMINATIONS:**

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Nominated by \_\_\_\_\_

(For additional names  
use the reverse)

**W.O.S. *STUDENT* NOMINATIONS:**

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Nominated by \_\_\_\_\_

(For additional names  
use the reverse)

## THE WILSON BULLETIN

*Editor* JEROME A. JACKSON  
Department of Zoology  
P.O. Drawer Z  
Mississippi State University  
Mississippi State, MS 39762

*Editorial Assistants* BETTE J. SCHARDIEN  
GRACE L. EYSTER  
WAYNE C. WEBER

*Review Editor* ROBERT RAIKOW  
Department of Life Sciences  
University of Pittsburgh  
Pittsburgh, PA 15213

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

### SUGGESTIONS TO AUTHORS

See Wilson Bulletin, 87:144, 1975 for more detailed "Suggestions to Authors." Manuscripts intended for publication in *The Wilson Bulletin* should be submitted in duplicate, 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 (Fifth Edition, 1957) and the 32nd Supplement (Auk, 90:411-419, 1973), insofar as scientific names of U.S. and Canadian birds are concerned. Summaries of major papers should be brief but quotable. Where fewer than 5 papers are cited, the citations may be included in the text. All citations in "General Notes" should be included in the text. Follow carefully the style used in this issue in listing the literature cited; otherwise, follow the "CBE Style Manual" (1972, AIBS). Photographs for illustrations should have good contrast and be on gloss 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 the Treasurer, Ernest E. Hoover, 1044 Webster St., N.W., Grand Rapids, Michigan 49504. He will notify the printer.

The permanent mailing address of the Wilson Ornithological Society is: c/o The MUSEUM of Zoology, The University of Michigan, Ann Arbor, Michigan 48104. 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.

## CONTENTS

BEHAVIORAL ECOLOGY OF THE YUCATAN JAY .....	<i>Ralph J. Raitt and John William Hardy</i>	529
HOST-PARASITE RELATIONSHIPS OF THE BROWN-HEADED COWBIRD IN A PRAIRIE HABITAT OF WEST-CENTRAL KANSAS .....	<i>Richard A. Hill</i>	555
BREEDING BIOLOGY AND PARASITISM IN THE RUDDY DUCK .....	<i>W. Roy Siegfried</i>	566
WOODPECKER DEPENDENCE ON TREES INFECTED BY FUNGAL HEART ROTs <i>Richard N. Conner, Orson K. Miller, Jr., and Curtis S. Adkisson</i>		575
THE BREEDING DISTRIBUTION OF NORTH AMERICAN MIGRANT BIRDS: A CRITIQUE OF MACARTHUR (1959) .....	<i>Mary F. Willson</i>	582
VARIATION IN CADENCE OF FIELD SPARROW SONGS .....	<i>Donald B. Heckenlively</i>	588
FALL AND WINTER ROOSTING HABITS OF CAROLINA CHICKADEES .....	<i>T. David Pitts</i>	603
COMPARATIVE NESTING BIOLOGY OF SOME HOLE-NESTING BIRDS IN THE CARIBOO PARKLANDS, BRITISH COLUMBIA .....	<i>Anthony J. Erskine and William D. McLaren</i>	611
FOOD HABITS OF RING-BILLED GULLS BREEDING IN THE GREAT LAKES REGION <i>William L. Jarvis and William E. Southern</i>		621
OBSERVATIONS ON THE BREEDING BIOLOGY OF BLACK-BELLIED PLOVERS ON DEVON ISLAND, N.W.T., CANADA .....	<i>David J. T. Hussell and Gary W. Page</i>	632
GENERAL NOTES		
EFFECTS OF A SEVERE THUNDERSTORM ON AIRBORNE DUCKS .....	<i>Roland R. Roth</i>	654
FEEDING RHYTHM IN NESTLING WHITE IBIS .....	<i>James A. Kushlan</i>	656
OBSERVATIONS OF SWAINSON'S HAWK NESTING IN NORTHEASTERN ILLINOIS <i>James R. Keir and Deann De La Ronde Wilde</i>		658
FOODS OF 6 FULVOUS WHISTLING DUCKS IN COASTAL SOUTH CAROLINA <i>J. Larry Landers and A. Sydney Johnson</i>		659
SOME EFFECTS OF HUMAN ACTIVITIES ON THE GREAT BLUE HERON IN OREGON <i>David F. Werschkul, Ellen McMahon, and Mary Leitschuh</i>		660
SWIMMING BY BOBWHITE CHICKS .....	<i>Paul A. Stewart</i>	662
SEASONAL VARIATION IN FORAGING TERRITORY OF RED-COCKADED WOODPECKERS <i>J. P. Skorupa and R. W. McFarlane</i>		662
CHOICE OF NEST BOXES BY STARLINGS .....	<i>Harry G. Lumsden</i>	665
WING-FLASHING AND OTHER BEHAVIOR OF A MOCKINGBIRD TOWARD ITS DEAD YOUNG <i>Walter Kingsley Taylor</i>		666
FEEDING OF NESTLINGS BY THE CARACARA IN COSTA RICA .....	<i>Ann Reller Richmond</i>	667
UNUSUALLY LARGE VULTURE ROOST IN VIRGINIA <i>Irvine D. Prather, Richard N. Conner, and Curtis S. Adkisson</i>		667
PREY ITEMS OF GOSHAWKS IN SOUTHWESTERN NEW YORK <i>Joseph A. Grzybowski and Stephen W. Eaton</i>		669
EXTRA-PARENTAL ASSISTANCE BY MALE AMERICAN KESTREL .....	<i>William A. Wegner</i>	670
YELLOW-CROWNED NIGHT HERONS DEFECATE, DISGORGE PELLETS ON SHORE <i>Hervey Brackbill</i>		670
MOURNING DOVE, COMMON CRACKLE CLEANING BILLS .....	<i>Hervey Brackbill</i>	671
CLIFF SWALLOW BREEDING IN SOUTH-CENTRAL FLORIDA .....	<i>Paul W. Sykes, Jr.</i>	671
MINIMUM TEMPERATURE FOR FEEDING BY PURPLE MARTINS .....	<i>Charles R. Brown</i>	672
HOW DO COWBIRDS FIND AND SELECT NESTS TO PARASITIZE? <i>Charles F. Thompson and Bradley M. Gottfried</i>		673
WHITE-THROATED SWIFTS FOLLOWING FARM MACHINERY <i>Stephen M. Alden and G. Scott Mills</i>		675
COMMON TERNS FEED ON MOLE CRABS .....	<i>Helmut C. Mueller</i>	675
ORNITHOLOGICAL LITERATURE .....		677
ORNITHOLOGICAL NEWS .....		685
PROCEEDINGS OF THE FIFTY-SEVENTH ANNUAL MEETING .....		688
REQUEST FOR ASSISTANCE .....		676
INDEX TO VOLUME 88 .....		699