

PROCEEDINGS OF THE SIXTY-FIFTH ANNUAL MEETING

CURTIS S. ADKISSON, SECRETARY

The Sixty-fifth Annual Meeting of The Wilson Ornithological Society was held Thursday, 31 May to Sunday, 3 June 1984 at the University of North Carolina–Wilmington, in Wilmington, North Carolina. The meeting was held jointly with the annual meeting of the Carolina Bird Club, and was hosted by the University and by the Lower Cape Fear Bird Club. Dr. James Parnell chaired the Local Committee on Arrangements, which consisted of: Bill Adams, Walter Biggs, Robin Bjork, Jane Bracket, Dick Dillaman, Dargan Frierson, Mark Galizio, Courtney Hackney, Julie Hovis, Kitty Kosh, Jan Sumerel, Greg Massey, Frances Needham, Mark Shields, David Webster, Bill Woodhouse, and Sally Zimmerman.

The meeting began with a wine and cheese reception for participants at the University Union on Thursday evening. Friday there were early morning field trips, after which the First Business Meeting was held. The Society was welcomed by Dr. Daniel Plyler, Dean of Arts and Sciences. President Jerome A. Jackson responded for the Society. After the first business meeting, the paper sessions began.

There were several memorable events, in addition to the scientific paper sessions, during the meeting: a wine and cheese reception was held in the courtyard of the University Union Thursday evening; on Friday evening a Shrimp-a-roo, a local specialty featuring dining on boiled shrimp at the beach, was held at the Ft. Fisher Marine Resources Center; there were films, and also a display of wildlife art by Carolina artists; the spouses' program included tours of Poplar Grove Plantation, the Wilmington waterfront area, the battleship U.S.S. North Carolina, and historic homes of Wilmington. Workshops on several ornithological topics were a special attraction of this meeting. These workshops and their leaders were: bird photography, by Ken Taylor; raptor rehabilitation, by Richard Brown; seabird identification, by David Lee and Gilbert Grant; and techniques of wood carving, by Neal Conoley.

Field trips to local birding areas were organized every morning of the meeting. On Sunday, there were trips to the Green Swamp, to the Lower Cape Fear River, and to Holly Shelter, as well as a day-long pelagic cruise.

The annual banquet was held on Saturday night in the University Union. After the banquet John Henry Dick presented a program on wildlife of India.

At the banquet, President Jackson announced these awards:

EDWARDS PRIZES (for best papers appearing in *The Wilson Bulletin* in 1983)

Two equal awards were given to:

Peter M. Fetterolf, "Effects of investigator activity on Ring-billed Gull behavior and reproductive performance," *Wilson Bull.* 95:23–41.

John L. Zimmerman, "Cowbird parasitism of Dickcissels in different habitats and at different nest densities," *Wilson Bull.* 95:7–22.

MARGARET MORSE NICE AWARD

Sharon L. Milder, "The natural history of *Acrocephalus aequinoctialis*."

LOUIS AGASSIZ FUERTES AWARD

David Lemmon, "Sexual selection and dimorphism in monogamous species: a comparison of two cardueline finches."

STEWART AWARDS

Eric K. Bollinger, "Relationships between hay-cropping and Bobolink (*Dolichonyx oryzivorus*) populations in central New York."

Paul E. Kendra, "Intraspecific brood parasitism in the House Sparrow."

Mark A. Stern, "Site fidelity and mate fidelity in colonial nesting Black Terns."

Cynthia A. Staicer, "The vocal behavior of the Adelaide's Warbler (*Dendroica adelaidae*), an endemic resident on the Island of Puerto Rico."

Tom C. Will, "Dispersal and habitat selection of Blue-winged and Golden-winged warblers in Michigan."

Anne-Marie Wycoff, "The reproductive advantage of territory location in Chestnut-colored Longspurs."

ALEXANDER WILSON PRIZE (for best student paper at the meeting)

Peter Frederick, University of North Carolina-Chapel Hill, "Mating strategies in White Ibis."

FIRST BUSINESS MEETING

The first business meeting was held on 1 June 1984, President Jerome A. Jackson, presiding. He announced the appointment of the Auditing and Wilson Prize committees, and the appointment of new chairmen for the Membership and Student Membership committees. These new chairmen are respectively, Richard Stiehl and Richard N. Conner. Secretary Curtis Adkisson summarized important actions taken by the Council at its meeting; decisions were made on Nice, Fuertes, and Stewart awards, and on Edwards Prizes; Keith Bildstein was elected Editor of *The Wilson Bulletin*; George Hall has been appointed Reviews Editor of the journal.

Robert D. Burns presented the Treasurer's report.

REPORT OF THE TREASURER

1 JANUARY 1983 TO 31 DECEMBER 1983

GENERAL FUNDS

RECEIPTS

Dues collected in 1982

| | |
|---|---------------|
| Regular and Sustaining Memberships for 1983 | \$ 10,663.50 |
| For 1984 | 5,888.50 |
| Family Membership for 1983 | 222.00 |
| For 1984 | 120.00 |
| Students Memberships for 1983 | 2,006.00 |
| For 1984 | <u>329.00</u> |
| TOTAL DUES | \$ 19,229.00 |

Subscriptions to *The Wilson Bulletin*

| | | |
|---|-----------------|--------------------|
| For 1983 | \$ 7,577.00 | |
| For 1984 | <u>4,020.50</u> | |
| TOTAL SUBSCRIPTIONS | | \$ 11,597.00 |
| Back issues of <i>The Wilson Bulletin</i> | | \$ 1,092.82 |
| Interest and Dividends | | \$ 19,703.86 |
| Royalties | | \$ 605.27 |
| Contributions from Authors | | \$ 1,774.71 |
| Contributions to the Student Awards Funds | | \$ 1,251.15 |
| Contributions to Endowment and Life Memberships | | <u>\$ 2,172.50</u> |
| TOTAL RECEIPTS—1 Jan.—31 Dec. 1983 | | \$ 57,426.31 |

DISBURSEMENTS

The Wilson Bulletin

| | | |
|--|--------------|-----------------|
| December 1982 | \$ 15,222.12 | |
| March 1983 | 11,994.39 | |
| June 1983 | 10,655.03 | |
| September 1983 | 12,504.16 | |
| Colorplates | 1,322.93 | |
| Editorial Assistants and Office Expenses | 7,483.46 | |
| TOTAL PRODUCTION COSTS | | \$ 59,182.09 |
| Additions to Endowment Trust at Central Counties Bank | | \$ 2,172.50 |
| Deposit of Student Awards Funds to Dreyfus Liquid Assets | | \$ 1,251.15 |
| Deposit to Awards Funds from Endowment Earnings | | \$ 2,450.00 |
| 1983 Incorporation Fee | | \$ 5.00 |
| Dues to International Council for Bird Preservation 1983 | | \$ 100.00 |
| Membership Promotions | | \$ 625.00 |
| Stationery | | \$ 113.20 |
| Treasurer's Expenses | | |
| Postage, Telephone, and Xeroxing | | \$ 502.59 |
| Student Membership Mailing | | \$ 50.00 |
| Refunds | | \$ 54.00 |
| Ornithological Societies of North America | | \$ 8,775.03 |
| Treasurer's Bond | | <u>\$ 51.00</u> |
| TOTAL DISBURSEMENTS—1 Jan.—31 Dec. 1983 | | \$ 75,331.56 |
| 1983 DEFICIT | | (\$17,905.25) |

CASH ACCOUNTS

| | | |
|---|------------------|--------------|
| Checking Account, 31 Dec. 1983 | \$ 6,622.07 | |
| Savings Account, 31 Dec. 1983 | 201.14 | |
| Dreyfus Liquid Assets, 31 Dec. 1983 | <u>33,414.53</u> | |
| TOTAL CASH ON HAND | | \$ 40,237.74 |

DESIGNATED ACCOUNTS

VAN TYNE MEMORIAL LIBRARY FUND

RECEIPTS

| | |
|-----------------------|-----------|
| Balance 1982 | \$ 618.63 |
| Sales and Gifts | 203.75 |

| | |
|---|-----------|
| DISBURSEMENTS | |
| Purchase of Books | \$ 235.15 |
| Balance of account transferred to Ann Arbor | \$ 587.43 |
| BALANCE | \$ -0- |

LOUIS AGASSIZ FUERTES RESEARCH FUND

| | |
|---------------------------|-----------|
| RECEIPTS | |
| Endowment Earnings | \$ 600.00 |
| DISBURSEMENTS | |
| Janice Crook | \$ 300.00 |
| P. McGill-Harelstad | 300.00 |

ALEXANDER WILSON PRIZE

| | |
|-----------------------------------|-----------|
| RECEIPTS | |
| Endowment Earnings | \$ 100.00 |
| DISBURSEMENTS | |
| Richard and Susan K. Knight | \$ 100.00 |

ERNEST P. EDWARDS PRIZE

| | |
|--------------------------|-----------|
| RECEIPTS | |
| Endowment Earnings | \$ 62.50 |
| E. P. Edwards | \$ 287.50 |
| DISBURSEMENTS | |
| Thomas D. Nudds | \$ 175.00 |
| Charles G. Sibley | 87.50 |
| Jon E. Ahlquist | 87.50 |

PAUL A. STEWART AWARDS

| | |
|-----------------------------|-------------|
| RECEIPTS | |
| Endowment Earnings | \$ 1,400.00 |
| DISBURSEMENTS | |
| Opal H. Dakin | \$ 200.00 |
| Kathryn A. Daniels | 200.00 |
| Christopher C. Rimmer | 200.00 |
| Bette A. Loiselle | 200.00 |
| Timothy C. Lamey | 200.00 |
| Jeffrey M. Black | 200.00 |
| James G. Devereux | 200.00 |

AARON BAGG STUDENT AWARD FUND

| | |
|--------------------------------------|-----------|
| RECEIPTS | |
| Balance from 1982 | \$ 10.00 |
| Endowment Earnings | 186.00 |
| DISBURSEMENTS | |
| 14 Student Memberships Awarded | \$ 196.00 |

ANNUAL MEETING RESERVE FUND

| | |
|--------------------|-----------|
| 1982 Balance | \$ 229.00 |
|--------------------|-----------|

ENDOWMENT

RECEIPTS

| | | |
|---|--------------|--------------|
| Value of General Endowment Fund, 31 Dec. 1982 | \$190,008.96 | |
| Life Membership Payments and Gifts | 2,172.50 | |
| Appreciation of Principal | 6,610.12 | |
| Value of Endowment Fund, 31 Dec. 1983 | | \$198,791.58 |
| Earnings from Endowment for 1982 | \$ 15,923.17 | |

SECOND BUSINESS MEETING

The second business meeting was convened by President Jackson on Saturday afternoon, 2 June 1984. All proposed new members of the Society were elected unanimously. The Auditing Committee presented its report, which was unanimously approved. The resolutions presented by the Resolutions Committee were approved unanimously.

Nominations Committee Chairman George A. Hall presented the slate of officers for 1984-85: President, Jerome A. Jackson; First Vice-President, Clait E. Braun; Second Vice-President, Mary H. Clench; Secretary, John L. Zimmerman; Treasurer, Robert D. Burns; Elected Member of Council (term to expire in 1987), Jon C. Barlow. There being no further nominations, motion was made, seconded, and passed that instructed the Secretary to cast a unanimous ballot for the slate.

Summaries of selected committee reports to Council are presented below.

AUDITING COMMITTEE REPORT—1983

We, the undersigned, have reviewed and validated the account balances of the Wilson Ornithological Society submitted by the Treasurer for the calendar year ending 31 December 1983. We are satisfied that these records accurately represent the financial transactions for the year and accurately reflect the assets of the Society at year-end.

The Auditing Committee wishes to commend the Treasurer, Dr. Robert D. Burns, for his continued dedication in fulfilling his responsibilities.

William A. Klamm, *Member*
 Hubert P. Zernikow, *Member*
 Harold Ratcliff, *Member*
 Robert A. Whiting, *Member*

EDITOR'S REPORT—1983

In 1983 Volume 95 of *The Wilson Bulletin* contained 740 pages (99 more than Vol. 94), including 36 major articles, 74 notes, as well as book reviews, an index, the annual meeting report, and ornithological news. Volume 95 was the largest Wilson Bulletin ever published.

The editorial staff was the same as reported for 1982, with the addition of Mary C. McKittrick as Index Editor. I thus thank her and the following people for their outstanding efforts on behalf of the Society: Margaret L. May, Associate Editor; Keith L. Bildstein, Gary R. Bortolotti, and Nancy J. Flood, Assistant Editors; Janet T. Mannone and Richard Snell, Senior Editorial Assistants; C. D. Ankney, P. M. Fetterolf, and J. D. Rising, Editorial Assistants; R. J. Raikow, Review Editor; W. A. Lunk, Color Plate Editor; for help in proofreading, M. A. Goldsmith, B. G. Griffin, V. St. Louis, A. Lynch, and A. H. Werden. I wish to acknowledge Mrs. Goldsmith for special clerical help, and Nancy Flood, George Hall, Jerry Jackson, Janet Mannone, and Margaret May for wise counsel and other assistance. With respect to the Bulletin's color plates, a special debt of gratitude is owed to John O'Neill,

who has often provided superb paintings of Neotropical birds or has found someone to do the work in his stead.

The Wilson Bulletin is a special journal with fine traditions and featuring a good blend of research topics. The efforts of many people are required to put together a major international journal. Again, I thank the authors, the reviewers, the WOS executives with whom I have served, the editorial staff of the *Bulletin*, the Royal Ontario Museum, in particular the staff of the Dept. Ornithology (ROM), and the membership of the Society for the cooperation and help so generously provided during my tenure.

Jon C. Barlow, *Editor*

LIBRARY COMMITTEE REPORT—1983

The year seemed to pass more rapidly than usual, and with it another successful year of library activities, with the cooperation of many members and with a lot of hard day-to-day work by Janet Hinshaw. A total of 101 loans, made to 66 members, comprised 340 items, including books, journals, and photocopies where appropriate. Donations came from 37 individuals, among whom A. J. Berger once more must be given outstanding recognition. Special thanks, also, are due George T. Jones, for donating a manuscript, "The Chronicle of Lynds Jones of Oberlin College," which concerns his father, one of the founders of the Society and editor of *The Wilson Bulletin* for 35 years.

Other donors were: R. C. Banks, J. B. Belknap, W. and D. Behling, G. A. Clark, Jr., J. Gapyczynski, G. A. Hall, K. W. Haller, P. Hamel, G. H. Harrison, H. Harrison, J. Hinshaw, S. Holohan, S. Houston, H. Lapham, D. I. MacKenzie, H. Mayfield, P. L. Meininger, W. C. Mullie, Northern Prairie W. R. C., S. Postupalsky, Patuxent W. R. C., J. e. Otto, A. Rea, K.-L. Schuchmann, D. Siegel-Causey, A. Simon, W. Southern, P. A. Stewart, R. W. Storer, W. Thiede, Y. Tsukamoto, J. W. Weber, Col. L. R. Wolfe, M. Wood, and D. Zembal. Their donations included 89 books, 399 reprints and pamphlets, 317 journal issues, 11 monographs and reports, 8 manuscripts, 10 translations, and 1 thesis. Items not needed are offered from time to time for sale or exchange. Thirty-seven new books were purchased; about 700 journal issues were obtained by trade; the sale of duplicates netted \$401.50 for the New Book Fund. For 123 exchanges of *The Wilson Bulletin* we received 168 publications; with 29 gifts and 9 regular subscriptions, we received 206 current periodicals, reprints, and books.

We extend our thanks to the entire membership, and urge your continued support.

William A. Lunk, *Chairman*

MEMBERSHIP COMMITTEE REPORT—1983

Total paid membership for the Society was 2880 as of 1 May 1984. Three hundred ninety-seven new members joined the Society this year. My office handled a total of 26 requests for membership applications since the last meeting. Applicants were sent the membership prospectus and a letter asking that dues be sent to OSNA in Ithaca, New York. I encourage anyone interested in using our new display at local meetings to write me.

Keith Bildstein, *Chairman*

STUDENT MEMBERSHIP COMMITTEE REPORT—1983

The availability of Student Membership Awards was announced in *The Wilson Bulletin* and the Ornithological Newsletter, and 205 letters with nomination and application forms were sent to members of the Society in positions to identify eligible students. Application forms were also sent in response to 16 inquiries. Completed applications were received from

22 individuals, of whom 19 qualified for awards. Invitations to join the Society were sent to 16 students. The awardees are: Robin E. Abbey, College of William and Mary; A. Margaret Elowson-Hawley, Univ. Wisconsin; Todd E. Fink, Southern Illinois Univ.; Elizabeth J. Hawfield, Winthrop College; Geoffrey E. Hill, Univ. New Mexico; D. Scott Hopkins, Western Illinois Univ.; Shonah Anne Hunter, Southern Illinois Univ.; Jerry W. Hupp, Colorado State Univ.; Emily D. Kennedy, Rutgers Univ.; Monica G. LeClerc, Brigham Young Univ.; Nancy A. Lutfy, Northern Illinois Univ.; Michael R. North, North Dakota State Univ.; Mark D. Reynolds, Univ. California—Berkeley; Kathryn D. Robinson, Bowling Green State Univ.; Elizabeth I. Rogers, Michigan State Univ.; Gregory J. Transue, Rutgers Univ.

John L. Zimmerman, *Chairman*

REPORT OF THE RESOLUTIONS COMMITTEE

WHEREAS, The Wilson Ornithological Society has for many years benefitted by the active participation in both its scientific program and its business affairs by scientists of the U.S. departments of the Interior and Agriculture, who serve or have served as officers, council members, editors, and chairmen and members of important committees, and

WHEREAS, official participation of these scientists has been severely curtailed because of lack of administrative support and funding, and by an official policy of discouraging such participation as of lowest travel priority, and

WHEREAS, communication with government scientists at meetings provides a means of input from the scientific community to federal research and management policies, and

WHEREAS, meetings of professional and scientific societies promote an interchange of ideas that increases the quality of research and stimulates new approaches to solving problems, thus promoting greater efficiency in federal programs, and

WHEREAS, exchanges at meetings often lead to vastly increased cooperation between the private and public sectors of the research community that, in turn, can result in the avoidance of repetition, competition, and redundancy of effort by different parts of the research community, and

WHEREAS, the curtailment of attendance of U.S. Government scientists at meetings of professional scientific societies will ultimately result in the impoverishment of the quality and quantity of research and management accomplished by the federal government,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society urges the departments of the Interior and Agriculture to assign a higher priority to scientific meeting attendance, and permit and encourage attendance at such meetings by their scientists.

WHEREAS, the proposed Emergency Wetlands Resources Act before Congress (S. 1329, H.R. 3082) is designed to increase federal funding to acquire wetlands, and

WHEREAS, preservation of natural areas rescues wildlife from the threat of extinction, thus providing natural beauty and saving species which, in time, may prove to benefit humankind in the form of new crops, new medicines, etc., and

WHEREAS, these wetlands, among the richest and most productive of habitats, are under severe pressure to be drained for agriculture, building and other development, and

WHEREAS, a rider, Title IV, has been attached to H.R. 3082 transferring National Park and Wildlife Refuge land in North Carolina to the Corps of Engineers so that they can build mile-long stone jetties on either side of Oregon Inlet on the Outer Banks, and

WHEREAS, the proposed jetties constitute an experiment that is economically unjustified and, potentially, can have devastating effects on wildlife, recreation, commerce, and tourism in coastal North Carolina,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society strongly urges the respective Houses of Congress to support and pass the Emergency Wetlands Act, and, at

the same time, the Society urges the House to repeal the rider Title IV, attached to the Act, H.R. 3082.

WHEREAS, the preservation of the nation's wetlands is widely recognized as one of the needs most critical to maintaining viable populations of waterfowl, waders, and shorebirds, as well as the populations of many other species of birds, mammals, and other wildlife, and

WHEREAS, wetlands are being destroyed nationwide at an increasingly rapid pace, and WHEREAS, nearly 120,000 acres of prime wetlands and forest lands in Dare and Tyrell counties of North Carolina, valued at more than \$50 million, will now be preserved as a part of the National Wildlife Refuge System as a result of the generosity of The Prudential Insurance Company of America, and

WHEREAS, The Nature Conservancy, recognizing that this area is important to migratory waterfowl, constitutes excellent wildlife habitat, and is the northernmost limit of the American alligator, has been working with The Prudential since 1980 in an effort to secure the land as a natural wildlife area, and

WHEREAS, this is an outstanding example of effective cooperation between industry, government, and a private conservation organization leading to the preservation of a major natural resource for the ultimate benefit of the environment, of wildlife, and of the general public,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its appreciation to The Prudential Insurance Company of America, to The Nature Conservancy, and to all individuals involved in the establishment of the Alligator River National Wildlife Refuge in North Carolina's Pamlico-Albermarle Peninsula.

WHEREAS, Curtis S. Adkisson has served The Wilson Ornithological Society for six years in the vital communicating link of Secretary, and

WHEREAS, he has executed his duties with an unflinching combination of efficiency and good humor,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its gratitude to Curtis S. Adkisson for his service to the Society.

WHEREAS, Jon C. Barlow has served as Editor for six volumes of *The Wilson Bulletin*, and

WHEREAS, he has maintained a consistently high level of scholarship, especially in the face of difficult financial times, and

WHEREAS, under his editorship the largest volume ever of *The Wilson Bulletin* (1983) has been published,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its gratitude to Jon C. Barlow for his service to the Society.

WHEREAS, Robert J. Raikow has served The Wilson Ornithological Society for the exceptional term of 10 years as Review Editor of *The Wilson Bulletin*, and

WHEREAS, the growth in ornithological literature has made this position one of increased responsibility, and

WHEREAS, during Dr. Raikow's editorship a consistently high quality of critical scholarship has been maintained in *The Wilson Bulletin's* review section,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its gratitude to Robert J. Raikow for his service to the Society.

WHEREAS, The Wilson Ornithological Society has held its 65th Annual Meeting in Wilmington, North Carolina, 31 May-2 June 1984, at the invitation of the University of North Carolina at Wilmington and the Cape Fear Bird Club, and in conjunction with the spring meeting of the Carolina Bird Club, and

WHEREAS, the natural splendor of coastal North Carolina was coupled with southern hospitality as manifested by that unique endemic species, the Shrimp-a-roo, and

WHEREAS, the flawless progression of all aspects of the meeting can be attributed to the hard work and meticulous attention to details by a devoted local committee,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its appreciation and gratitude to James F. Parnell and his Local Committee on Arrangements, to the Cape Fear Bird Club, to Mary H. Clench who organized the scientific program, and to the staff of the University of North Carolina at Wilmington who helped to make our visit to Wilmington a productive and memorable meeting.

PAPERS SESSION

The scientific papers session was arranged by Mary H. Clench. Individual sessions were chaired by Curtis Adkisson, Clait Braun, Mary Clench, Abbot Gaunt, George Hall, Jerome Jackson, Helen Lapham, Kenneth Parkes, and Richard Stiehl.

Sidney A. Gauthreaux, Jr., Clemson University, Clemson, SC 29631, "Radar measurements of the altitude of trans-Gulf migration."

David M. Mark, SUNY at Buffalo, Buffalo, NY 14260, "North-south 'mirror-image' navigational error in migrating birds: the Fork-tailed Flycatcher in North America."

Thomas A. Waite and Thomas C. Grubb, Jr., The Ohio State University, Columbus, OH 43210, "Diet selection within a captive bark-foraging guild during winter."

Stephen A. Nesbitt, Florida Game and Fresh Water Fish Commission, Gainesville, FL 32601, "Pair formation and fidelity in Sandhill Cranes."

Richard W. Knapton, Brock University, St. Catharines, Ont. L2S 3A1, "A comparison of male and female contributions to feeding nestlings in the Nashville Warbler."

Douglas A. Gross, Ichthyological Associates, Inc., Berwick, PA 18603, "Residential status and occurrence of helpers at the nest of Blue Jays (*Cyanocitta cristata*) in Pennsylvania."

Bill Hilton, Jr., University of Minnesota, Minneapolis, MN 55455, "Breeding strategy and fledgling dispersal in Blue Jays (*Cyanocitta cristata*)."

Peter Frederick, University of North Carolina, Chapel Hill, NC 27514, "Mating strategies in White Ibis."

John W. Chardine, Brock University, St. Catharines, Ont. L2S 3A1, "Adaptive significance of copulation disruption in the kittiwake based on observations of marked individuals."

William C. Alexander, Georgia Southern College, Statesboro, GA 30460, "A comparison of intersexual aggression in nonbreeding diving ducks (Aythyini)."

Anna E. Ross, Clemson University, Clemson, SC 29631, "Behavioral dominance in White-crowned Sparrows (*Zonotrichia l. leucophrys*)."

Stephen J. Wagner, Clemson University, Clemson, SC 29631, "Intraspecific dominance hierarchies among Song and White-throated sparrows."

V. M. Case, Davidson College, Davidson, NC 28036, "Breeding cycle aggression in two colonies of Zebra Finches."

J. D. Rising, University of Toronto, Toronto, Ont. M5S 1A1, "Review of sexual size dimorphism in American passerine birds."

G. Thomas Bancroft, University of South Florida, Tampa, FL 33620, "Growth and sexual dimorphism of the Boat-tailed Grackle."

Gilbert S. Grant, North Carolina State Museum, Raleigh, NC 27611, "Microclimate of Gull-billed Tern and Black Skimmer nests."

John L. Zimmerman, Kansas State University, Manhattan, KS 66506, "Comparative water consumption in *Spiza* and *Calamospiza*."

- Marcus D. Webster, Franklin College, Franklin, IN 46131, "Water and heat loss through avian integuments: the role of the plumage."
- Sharon F. Simpson, Ohio University, Athens, OH 45701, "The shoulder region of the House Sparrow."
- Robert W. Repenning and Ronald F. Labisky, Florida Cooperative Fish and Wildlife Research Unit, Gainesville, FL 32611, "Effects of even-age timber management on the breeding bird community of longleaf pine flatwoods."
- David S. Lee and Eloise F. Potter, North Carolina State Museum, Raleigh, NC 27611, "Quantifying breeding birds associated with pocosins: an exercise in community definition and myth slaying."
- George A. Hall, West Virginia University, Morgantown, WV 26506, "A long-term bird population study in an Appalachian spruce forest."
- Trevor L. Lloyd-Evans and R. Brent Bailey, Manomet Bird Observatory, Manomet, MA 02345, "Census methods in dense eastern woodland."
- James F. Parnell, Mark A. Shields, UNC-Wilmington, NC 28403, and Donald A. McCrimmon, Cornell University, Ithaca, NY 14850, "Trends in nesting populations of colonial waterbirds in North Carolina estuaries."
- Robert G. Hooper, USDA Forest Service, Charleston, SC 29407, "Red-cockaded Woodpecker response to cavity tree removal."
- Richard R. Repasky and Phillip D. Doerr, North Carolina State University, Raleigh, NC 27695, "Substrate utilization by foraging Red-cockaded Woodpeckers."
- R. D. Teitelbaum and W. P. Smith, Southeast Louisiana University, Hammond, LA 70402, "Cavity-site characteristics of the Red-cockaded Woodpecker in Fountainebleau State Park, Louisiana."
- Richard N. Conner, Kathleen A. O'Halloran, and J. Howard Williamson, USDA Forest Service, Nacogdoches, TX 75962, "Status of Red-cockaded Woodpecker colonies on the Angelina National Forest, Texas."
- Curtis S. Adkisson, VPI&SU, Blacksburg, VA 24061, "Vocal differentiation and behavior in Scandinavian crossbills."
- Gary Ritchison, Eastern Kentucky University, Richmond, KY 40475, "The responses of cardinals to the songs of male and female conspecifics."
- Cheryl A. Logan, University of North Carolina, Greensboro, NC 27412, "Fall territorial dynamics in mockingbirds."
- T. David Pitts, University of Tennessee, Martin, TN 38328, "Reduced nesting success of Carolina Chickadees during abnormally wet and cool weather."
- John M. Hagan, III, North Carolina State University, Raleigh, NC 27695, "Collecting time-budget data on Ospreys using a microcomputer."
- Richard C. Banks, National Museum of Natural History, Washington, DC 20560, "Everything you've always wanted in a Greater Scaup, and Lesser."
- Helmut C. Mueller, University of North Carolina, Chapel Hill, 27514, "Some differences between owls and hawks."
- Nicolaas A. M. Verbeek, Simon Fraser University, Burnaby, BC V5E 2T4, "Behavioral interactions between accipiters and their avian 'prey'."
- J. E. Cely and J. A. Sorrow, Jr., South Carolina Wildlife and Marine Resources Department, Columbia, SC 29202, "American Swallow-tailed Kite home range and habitat utilization in South Carolina."
- James H. Mathis, Northwestern High School, Rock Hill, SC 29730, "Feeding habits of Black Vultures (*Coragyps atratus*)."
- Julie A. Hovis, Wilmington, NC 28405, and William G. Mattox, Greenland Peregrine Falcon

Survey, Columbus, OH 43229, "Behavior of Peregrine Falcons at a nest in west Greenland."

David G. Jennings, University of Georgia, Athens, GA 30602, "An efficient raptor trap for sampling over large areas."

ATTENDANCE

COLORADO: *Fort Collins*, Clait Braun.

DELAWARE: *Greenville*, David Niles.

FLORIDA: *Gainesville*, Mary Clench, Robert Repenning; *Lehigh Acres*, Ben Kiff, Maxine Kiff; *Maitland*, Herbert Kale; *Tampa*, Ann Bancroft, Tom Bancroft.

GEORGIA: *Atlanta*, Didi Manns, Robert Manns; *Augusta*, Emil Urban, Mrs. Louis Urban; *Statesboro*, William Alexander, Bill Lovejoy, Mrs. Bill Lovejoy.

ILLINOIS: *Colchester*, Edwin Franks, Evelyn Franks; *Dennison*, Peter Stacey; *Grays Lake*, Scott Hickman.

INDIANA: *Franklin*, Marcus Webster.

KANSAS: *Manhattan*, John Zimmerman.

KENTUCKY: *Richmond*, Gary Ritchison, Mrs. Gary Ritchison.

LOUISIANA: *Baton Rouge*, Douglas Pratt; *Metairie*, Cecil Kersting; *Hammond*, Winston Smith.

MARYLAND: *Baltimore*, Janet Gailey-Phipps; *Columbia*, Sallie Simpson.

MASSACHUSETTS: *Manomet*, Linda Leddy, Trevor Lloyd-Evans; *Wellesley Hills*, Sally McNair.

MICHIGAN: *Ann Arbor*, Janet Hinshaw, Stephen Hinshaw; *Grass Lake*, Harold Ratcliff; *Jackson*, Robert Whiting; *Pleasant Lake*, Hubert Zernichow.

MISSISSIPPI: *Mississippi State*, Opal Dakin, Bette Jackson, Jerome Jackson.

NEW JERSEY: *Lyndhurst*, Douglas Kibbe; *Pitman*, Andrea Roth; *Somerset*, Bertram Murray, Patti Murray; *Trenton*, Mary Doscher.

NEW MEXICO: *Albuquerque*, David Ligon.

NEW YORK: *Ithaca*, Charles Walcott; *Lansing*, Elise Lapham, Helen Lapham; *Tonawanda*, David Mark.

NORTH CAROLINA: *Aberdeen*, Evelyn Stalnaker, Harold Stalnaker; *Arden*, Marcia Perdue; *Bat Cave*, Ron Warner; *Carolina Beach*, Jane Brackett; *Chapel Hill*, Peter Frederick, Helmut Mueller, Nancy Mueller; *Charlotte*, William Brokaw, Daphne Doster, Bill Cobey, Flo Cobey; *Davidson*, Verna Case; *Durham*, A. A. McCoy, Marcus Simpson, Melinda Welton; *Fairview*, Jerry Young, Ruth Young; *Fayetteville*, Phillip Crutchfield; *Graham*, Lynn Moseley; *Greensboro*, Dot Garrett, H. Hendrickson; *Pinehurst*, Bonnie Israel; *Pisgah Forest*, Bill Hough, Jean Hough; *Pleasant Garden*, Cheryl Logan; *Raleigh*, Alice Allen-Grimes, Paul Curtis, Phil Doerr, Paula Ford, Gilbert Grant, John Hagan, Fran Irvin, Wayne Irvin, David Lee, Thomas Quay, Dick Repasky, Jeffery Walters; *Reidsville*, Bob Maus; *Sea Grove*, Bolenda Ferree; *Wilmington*, Robin Bjork, John Brunjes, Richard Dillaman, Dargan Frierson, Bill Hofmann, Julie Hovis, Lee Jackson, Mrs. Frank Kosh, Greg Massey, Jeremy Nance, James Parnell, Mrs. James Parnell, Betty Rullman, Jennifer Slack; *Winston-Salem*, George Morgan, Mrs. George Morgan; *Wrightsville Beach*, Frances Needham; *Zebulon*, Eloise Potter.

OHIO: *Athens*, Sharon Simpson; *Columbus*, Abbot Gaunt, Sandra Gaunt, Thomas Grubb, Jr., Thomas Waite; *Gambier*, Robert Burns; *Lakewood*, William Klamm, Nancy Klamm; *Painesville*, Carl Newhouse, Mary Newhouse; *University Heights*, Bruce McLean.

PENNSYLVANIA: *Clarks Summit*, Michael Carye; *Orangeville*, Douglas Gross, Cindy Hose; *Pittsburgh*, Kenneth Parkes.

SOUTH CAROLINA: *Aiken*, Jeannine Angerman; *Charleston*, Dennis Forsythe, Robert Hooper,

William Post; *Chester*, Mary Robinson, Mrs. W. C. Stone, Sr.; *Clemson*, Sidney Gauthreaux, Anna Ross, Steven Wagner; *Columbia*, John Cely, Susan Gawarecki, Stephen Perry; *Lodson*, Dave Harvey; *Myrtle Beach*, Margaret Wren; *Rock Hill*, Keith Bildstein, Bill Hilton, James Mathis, Neville Yoon; *Six Mile*, Douglas McNair; *Spartanburg*, Miller Foster, Jr., Mrs. Miller Foster, Jr.; *Summerville*, Jean Wattlely.

TENNESSEE: *Knoxville*, Marcia Davis, Beth Lacy; *Martin*, David Pitts; *Maryville*, Ralph Zaenglein; *Memphis*, George Payne, Jr.; *Norris*, Charles Nicholson.

TEXAS: *Nacogdoches*, Richard Conner.

VIRGINIA: *Alexandria*, Richard Banks, Beth Ann Sabo; *Blacksburg*, Curtis Adkisson, Karen Adkisson; *Manassas*, Roxie Laybourne; *Sweet Briar*, Ernest P. Edwards; *Williamsburg*, Mitchell Byrd, Chuck Rosenburg, David Wallin.

WEST VIRGINIA: *Bethany*, Albert Buckelew, Jr.; *Elkins*, Eugene Hutton; *Morgantown*, George Hall.

WISCONSIN: *Green Bay*, Sherry Sanderson, Richard Stiehl.

BRITISH COLUMBIA: *Burnaby*, Nico Verbeek.

ONTARIO: *Gores Landing*, Norma Martin, Norman Martin; *St. Catharines*, John Chardine, Richard Knapton; *Toronto*, Jon Barlow, Deron Barlow, Brete Griffin, Janet Mannone, Margaret May, Thomas Parsons, James Rising.

NEW BRUNSWICK: *Sackville*, Anthony Erskine, Janet Erskine.

ADDRESS UNAVAILABLE: Bob Bryand, Doug Davis, Timothy Deline, Bill Faust, Katy Hick, Chris Kellner, John Smallwood.

1985 ANNUAL MEETING

The Sixty-sixth Annual Meeting of The Wilson Ornithological Society will be held jointly with The Cooper Ornithological Society meeting, at the University of Colorado, Boulder, Colorado, 6-9 June 1985. Cynthia Carey is chairing the Local Arrangements Committee. Her address is: Dept. EPO Biology, Univ. Colorado, Boulder, CO 80309.