

PROCEEDINGS OF THE SIXTY-SEVENTH ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY

The Sixty-seventh Annual Meeting of the Wilson Ornithological Society was held Thursday, 17 April to Sunday, 20 April 1986 at the Holiday Inn in Gatlinburg, Tennessee in joint session with the Tennessee Ornithological Society. The meeting was sponsored by the Knoxville Chapter of the Tennessee Ornithological Society. Charles P. Nicholson chaired the Local Committee on Arrangements, while Audrey R. Hoff served as treasurer. The committee members were Fred J. Alsop, III, James M. Campbell, Betty Reid Campbell, Marcia L. Davis, Barbara Finney, Linda J. Fowler, Louise F. Fuller, Ron D. Hoff, James A. Tanner, and Nancy Tanner.

The Council met from 13:00 to 18:00 on Thursday, 17 April. Registration for the 157 guests and members began that evening, followed by a reception in the Magnolia Suite. The opening session was held in the Greenbrier Room where the societies were welcomed by Stan Cantor, Chief of Visitors' Services for the Great Smoky Mountains National Park. President Clait Braun responded for the Wilson Ornithological Society and Jim Ferguson responded for the Tennessee Ornithological Society. The scientific papers presentations were made daily, with double sessions necessary on the first day. Of particular significance was the symposium on the Birds of the Southern Appalachians chaired by Dr. George A. Hall on Saturday afternoon. A presentation made on Friday evening by John Peine of the Great Smoky Mountains National Park provided an overview of the scientific programs being conducted in the park.

Early morning field trips were scheduled on both Friday and Saturday with the option of walking to Mynatt Park, directly adjacent to the Holiday Inn, or carpooling to the area around the Sugarlands Visitors Center in GSMNP. These tours were ably led by Jim Campbell and Fred Alsop of the local committee. A wildflower tour was scheduled Friday afternoon as part of the spouse's program, but attracted a number of members as well. On Sunday, extended field trips were made to various sites throughout the Great Smoky Mountains National Park.

The annual banquet was held in the Greenbrier Room Saturday evening. The following awards were presented:

EDWARDS PRIZE (for the best major article in volume 97 of *The Wilson Bulletin*)

Frances Hamerstrom, Frederick N. Hamerstrom, and Charles J. Burke, "Effect of voles on mating systems in a central Wisconsin population of harriers," *Wilson Bull.* 97:332–346.

LOUIS AGASSIZ FUERTES AWARDS

John A. Gerwin, "The evolution of hummingbirds (*Heliodoxa*): a molecular phylogeny."
Paul Hendricks, "Evolution of monogamy in Aleutian Rosy Finches."

PAUL A. STEWART AWARDS

- J. M. Black, "Breeding biology of Barnacle Geese."
J. A. Clarke, "White-tailed Ptarmigan in the Sierra Nevada Mountains: a comparative study of an introduced population."
D. Gawlik, "A field study of the distribution, abundance, and reproductive success of Loggerhead Shrikes in South Carolina."
C. A. Haas, "Site fidelity and dispersal in a patchy environment."
A. R. Hanson, "Black Duck renesting in relation to interspecific pair formation between Black Ducks and Mallards."
G. E. Hill, "The reproductive consequences of subadult plumage in male Black-headed Grosbeaks."
P. M. Mayer, "Population ecology of the Piping Plover in the northern Great Plains."
H. B. Suthers, "Pesticide residues and death in backyard songbirds."
R. C. Wright, "Assessing blackbird damage to ripening rice in Matagorda County, Texas."

ALEXANDER WILSON PRIZE (for best student paper at the meeting, selection committee chaired by Mitchell Byrd)

David F. Westneat, University of North Carolina—Chapel Hill, "Extra-pair fertilizations in the Indigo Bunting."

There was no Margaret Morse Nice Award presented this year. Professor James A. Tanner gave a most fitting address to end the banquet festivities.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Braun at 09:05, Friday, 18 April in the Greenbrier Room of the Holiday Inn—Gatlinburg. The names of those appointed to the auditing committee were announced. Secretary Zimmerman summarized the highlights of Thursday's Council meeting, reporting that Keith Bildstein had been reelected as editor but that a new editor will be needed for the Bulletin effective with Volume 100. It is also contemplated that membership dues will need to be increased in 1988. Of special import in regards to the centennial meeting in 1988, it was announced that the members of the Executive Council had each pledged \$100 to facilitate our reaching a goal of \$5000 for the Centennial Fund. Lastly, Zimmerman asked those attending to stand to honor those members who had died since we last met together—Rudyard Boulton (Salisbury, Zimbabwe), Eugene M. Heitzman (Pilat Point, Texas), Edgar B. Kincade (Austin, Texas), Cyrus Mark (Glencoe, Illinois), E. P. Richardson (Philadelphia, Pennsylvania), and Robert H. Stabler (Colorado Springs, Colorado).

David Pitts, chairman of the Nominating Committee, offered the following slate for consideration by the membership: President—Clait Braun, First Vice-President—Mary Clench, Second Vice-President—Jon Barlow, Secretary—John Zimmerman, Treasurer—Bob Burns, Elected Council Member for 1987–89—Richard Conner.

Robert D. Burns then gave the treasurer's report.

REPORT OF THE TREASURER

1 JANUARY 1985 TO 31 DECEMBER 1985

GENERAL FUNDS

RECEIPTS

Dues collected in 1985

Regular and Sustaining Memberships for 1985	\$ 10,350.00
For 1986	14,887.50
Student Memberships for 1985	1,578.00
For 1986	1,175.00
Family Memberships for 1985	200.00
For 1986	<u>340.00</u>

TOTAL DUES \$ 28,530.50

Subscriptions to *The Wilson Bulletin*

For 1985	\$ 9,883.00
For 1986	<u>3,632.50</u>

TOTAL SUBSCRIPTIONS \$ 13,515.50

Back issues of <i>The Wilson Bulletin</i>	\$ 882.00
Interest and Dividends	\$ 21,806.58
Royalties	\$ 1,927.00
Contributions from Authors	\$ 4,867.26
Contributions to The Van Tyne Library	\$ 116.00
Contributions to the Student Membership Endowment	\$ 555.00
Contributions to General Endowment (Life Members and Patrons) ...	\$ 5,687.00
Contributions to the Sutton Art Prize	\$ 500.00
Contributions to the Edwards Prize	\$ 500.00
Contributions to the Wilson Prize Endowment	\$ 123.00
Contributions to the Centennial Fund	\$ 70.00
Fund from the Green Bay, Wisconsin Meeting	\$ 500.00
Fund from the Fort Collins, Colorado Meeting	<u>\$ 835.61</u>

TOTAL RECEIPTS \$ 80,415.45

DISBURSEMENTS

The Wilson Bulletin

December 1984	\$ 18,775.98
March 1985	11,295.92
June 1985	10,264.80
September 1985	11,849.77
Colorplates	3,737.88
Editorial Expenses	2,363.80
Travel	<u>414.65</u>

TOTAL PRODUCTION COSTS \$ 58,702.80

OSNA Expenses (including Newsletter)	\$ 15,602.15
Student Awards	\$ 3,050.00
Dues to International Council for Bird Preservation 1985	\$ 100.00
Treasurer, Postage and Bond	\$ 139.00
Student Award Notice Printing	\$ 61.60
Meeting Announcements for Colorado Annual Meeting	\$ 1,432.16
Cash Advance to Local Committee for Gatlinburg Meeting	\$ 1,000.00

Sutton Art Prize	\$ 500.00
Postage for return of Sutton Art Exhibit	\$ 25.68
Subscription Refunds	\$ 66.00
Printing and Mailing of Back Issues	\$ 622.05
Incorporation Fee for 1984 and 1985	\$ 47.00
Scottish Historical Society for Wilson Gravesite	\$ 200.00
Deposit of Life Membership, Patron and Endowment Contributions	\$ 5,371.00
TOTAL DISBURSEMENTS—1 January 1985 to 31 December 1985	\$ 86,919.44
1985 DEFICIT	\$ 6,503.99

CASH ACCOUNTS

Checking Account, Peoples Bank, Gambier, Ohio 31 December 1985 ...	\$ 3,480.55
Savings Account, 31 December 1985	224.41
Dreyfus Liquid Assets	<u>31,161.66</u>
TOTAL CASH ON HAND	\$ 34,866.62

DESIGNATED ACCOUNTS

LOUIS AGASSIZ FUERTES RESEARCH FUND

RECEIPTS

Endowment Earnings	\$ 600.00
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DISBURSEMENTS

Gloria R. Dobush	\$ 300.00
John M. Marzluff	\$ 300.00

ALEXANDER WILSON PRIZE

RECEIPTS

Endowment Earnings	\$ 200.00
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DISBURSEMENTS

Andrew Balestracci	\$ 200.00
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ERNEST P. EDWARDS PRIZE

RECEIPTS

E. P. Edwards	\$ 500.00
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DISBURSEMENTS

J. M. Sprinkle	\$ 175.00
C. R. Blem	175.00
Peter Fetterolf	150.00

PAUL A. STEWART AWARDS

RECEIPTS

Endowment Earnings	\$ 1,650.00
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DISBURSEMENTS

Frank J. Joyce	\$ 275.00
Mark J. Kasprzyk	275.00
Laurie H. MacIvor	275.00
Wendy M. Jackson	275.00
Carola A. Haas	275.00
Geoffrey E. Hill	275.00

ANNUAL MEETING RESERVE FUND

RECEIPTS

Refunds from the 1983 and 1985 Meetings	\$ 1,335.61
1984 Balance	(96.83)

DISBURSEMENTS

1985 Meeting	\$ 1,432.16
1986 Meeting (Cash advance)	1,000.00
1985 Balance	(1,193.38)

ENDOWMENT

Value of Endowment Fund, 31 December 1984, at cost	\$196,726.20
Transfer of Awards Endowment Funds in the Dreyfus	
Liquid Assets Account	\$ 17,622.00
Life Membership and Patron Payments	5,371.00
Capital Gains on Securities Sold	<u>11,225.57</u>
Value of Endowment Fund 31 December 1985, at cost	\$230,984.77

INDIVIDUAL ENDOWMENT ACCOUNTS OF
THE WILSON ORNITHOLOGICAL SOCIETY

Fuertes & Nice Awards	\$ 10,000.00
Stewart Awards	23,316.00
Edwards Award	1,300.32
Wilson Prize	1,654.00
Student Membership	555.00
Colorplate Fund (approx.)	30,000.00
General Endowment	164,159.45

The Editor's report was presented by Keith L. Bildstein.

EDITOR'S REPORT—1985

In 1985 167 manuscripts (67 papers, 100 notes) were submitted to my office. This is a 24% increase over the number submitted in 1984. As of late April 1985, 45% of these manuscripts have been accepted, 30% have been rejected, 2% have been withdrawn, 19% have been returned to authors for revision, and 4% are under review. Based on these numbers, I project 1985 acceptance rates of 55% for manuscripts submitted as major papers and 55–60% for manuscripts submitted as general notes. Major papers received in 1985 were returned to the author within 84 ± 37 days [SD] of receipt. General notes were returned within 78 ± 48 days of receipt. The “average” accepted ms was published within 10–11 months of receipt. All issues since June 1985 have been published on time. There are plans for color plates for all issues in 1986, as well as for the March and June issues of 1987.

The format of the *Bulletin* has been changed as of the March 1986 issue: (1) Abstracts have replaced summaries in major papers. (2) Author's addresses now appear as footnotes on the first page of major papers. (3) General Notes with more than 4 references have terminal literature cited sections. (4) Dates of reception as well as acceptance now appear in every ms.

Over the past year I have received essential assistance from many people in the Editorial Office and elsewhere. I thank the staff of the Allen Press, especially Arly Allen, Ken Blair, John Breithaupt, Guy Dresser, and Sharon Kendall. I also thank the members of the ad hoc Publications Committee, R. Banks, C. Braun, and F. Knopf, for their help. Others that I thank for their outstanding service include: Associate Editors, M. W. Collopy, R. N. Conner,

J. P. Myers, W. M. Shields, and J. R. Walters; Assistant Editors, A. E. Conway, J. A. Hovis, J. W. Johnston, J. B. Olson, D. L. Rankin, D. Gawlik, and A. Wenner; Review Editor George A. Hall; Color Plate Editor W. A. Lunk; Index Editor K. G. Beal; numerous members of the WOS, including C. Braun, S. Gaunt, A. Gaunt, J. Barlow, J. Jackson, and B. Burns; the 190 volunteer referees who reviewed mss for the *Bulletin* during the past 11 months; and Department of Biology secretaries E. Hill and S. Strait.

Keith L. Bildstein, *Editor*

Judy McIntyre, local chairperson for the 27–31 May 1987 meeting in Utica, New York hosted by Utica College of Syracuse University and the Kirkland Bird Club, ended the first business meeting with an illustrated invitation for next year.

SECOND BUSINESS MEETING

President Braun called the second business meeting to order at 13:30 on Saturday, 19 April. The report of the Auditing Committee was received. Chairman Klamm presented the report of the Auditing Committee:

We, the undersigned, have reviewed the records presented by the treasurer covering the period of 1 January 1985 to 31 December 1985 with the intent of verifying that the records correctly reflect the assets of the Society along with the correct and timely posting of income and expenditures during this period. We found no errors and are satisfied that the financial report as presented correctly reflects the financial health of the Society. Further, we commend Dr. Robert Burns, treasurer, for his excellent work in fulfilling the responsibilities of his office for the year 1985.

William A. Klamm, *Chairman*
Herbert P. Zernickow
Harold Ratcliff
Robert A. Whiting

A motion to accept the report of the Auditing Committee was made by Jerry Jackson and seconded by Robert Whiting and passed by the assembled membership.

The Report of the Nominating Committee was recalled to the floor by President Braun and opened for further nominations. In a series of motions by Dick Stiehl and Helmut Mueller, Phillips Street and Jerry Jackson, William Klamm and Mary Clench, Sandy Gaunt and Helen Lapham, Mary Clench and Sandy Gaunt, and Dick Stiehl and Jerry Jackson and passed by the membership, the nominations for each office were closed without further additions and the slate was elected as presented by the Nominating Committee.

A motion by Mary Clench and seconded by Helen Lapham to accept the new members of The Wilson Ornithological Society by election was made and passed.

Elliott Tramer presented the report of the Resolutions Committee.

REPORT OF THE RESOLUTIONS COMMITTEE

RECOGNIZING, that Great Smoky Mountains National Park (GSMNP) was established to protect one of the world's finest examples of temperate forests, and

RECOGNIZING, that GSMNP has been designated an International Biosphere Preserve in recognition of the uniqueness of its vegetation, and

RECOGNIZING, that the welfare of the animal life, including birds, of GSMNP depends on the welfare of its vegetation, and

WHEREAS, GSMNP is experiencing elevated levels of acid precipitation, acid fog, and atmospheric ozone, and

WHEREAS, an increasing body of scientific evidence has demonstrated the deleterious effects of these atmospheric changes on plant communities, not only in GSMNP but also elsewhere in the eastern United States and Canada,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society expresses its encouragement of the efforts of the Science Division of GSMNP to better document and understand the effects of air pollutants on the park's vegetation, and

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society strongly urges all responsible agencies to work vigorously to develop the legal and technical means for reducing the levels of atmospheric acids and ozone that now threaten our forests.

Clait Braun moved and Nancy Mueller seconded to accept this resolution. The motion passed.

WHEREAS, The Wilson Ornithological Society and the Tennessee Ornithological Society held a joint meeting from 17 to 20 April 1986 at Gatlinburg, Tennessee, sponsored by the Knoxville Chapter of the Tennessee Ornithological Society, and

WHEREAS, the local committee, chaired by Dr. Charles P. Nicholson, arranged varied activities, including superb accommodations, food and drink, evening programs and field trips, and

WHEREAS, the scientific program committee, chaired by Dr. Jon C. Barlow, assembled an impressive array of stimulating scientific papers, including a symposium on the birds of the southern Appalachians convened by Dr. George A. Hall,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society extends its sincere appreciation to all those organizations and individuals who worked so diligently to make this meeting a resounding success.

Robert Burns moved and Jerry Jackson seconded to accept this resolution, which then passed.

A motion for adjournment was made by Mary Clench and seconded by Sandy Gaunt. The reports of the standing committees were given as follows:

REPORT OF THE COMMITTEE ON STUDENT MEMBERSHIP—1985

A total of 230 letters was sent to selected members of the Wilson Ornithological Society who were in positions that afforded the identification of students eligible for the Student Membership Awards provided by the society. In addition to a set of application materials, a form was provided on which members could list the names of students who were not being nominated for an award but who should be sent information regarding student membership in the society. Announcements of the availability of these awards were also made in the Wilson Bulletin and in the Ornithological Newsletter. Application materials were sent in response to 10 letters of inquiry that were probably generated by these announcements.

Completed applications were received from 29 nominees. Members also provided the names of 17 students to whom an invitation to join the society was sent. As in the past, two criteria were used by the committee in the evaluation: (1) the applicant's demonstrated commitment to ornithology, and (2) the expectation for a long-term professional involvement in ornithology. The materials of the candidates were evaluated independently by the four members of the committee according to the following rating scale: 1—highly meritorious, top priority should be given to this student, 2—deserving, but definitely at a level below my highest rank, 3—marginally acceptable, but the giving of the award might facilitate their development, 4—not acceptable.

As the number of awards this year was not limited by a set amount of money "in the account," it was decided that successful candidates would have to obtain an average rating

between 1 and 2.4 on the above scale. Twenty-six candidates qualified; their names and schools are listed as follows: Michael E. Barnes, Kansas State Univ.; Constance J. Boardman, California State Univ.; Stephen C. Brown, Univ. Michigan; David A. Buehler, Virginia Tech; Linda A. Caine, Univ. Florida; John P. Carroll, Univ. North Dakota; Greg H. Farley, Kansas State Univ.; Thomas P. Fitch, Idaho State Univ.; Fernando G. Garcia, Programa Fauna de Mexico; Nicholas W. Gard, Macdonald College, Quebec; Dale E. Gawlik, Winthrop College; Michael T. Green, Univ. North Carolina; Floyd E. Hayes, Univ. Michigan; Gloria E. Jacoby, Univ. Kentucky; Paula K. Kleintjes, California Polytechnic State Univ.; Michael J. Kolasa, Northern Michigan Univ.; Natasha B. Kotliar, Univ. New Mexico; Keven J. Kritz, Univ. Missouri; Darrell E. Land, Univ. Florida; Michael P. Losito, Auburn Univ.; Craig D. Olawsky, Texas Tech Univ.; James C. Ozier, Univ. Georgia; Bradley E. Sample, Univ. Delaware; Birgit C. Schultz, McGill Univ., Quebec; Dave Shutler, Macdonald College, Quebec; Alexander P. Smith, Univ. North Carolina.

It was gratifying that there were two undergraduates among those receiving Student Membership Awards. The three unsuccessful student award nominees were sent letters inviting them to join the society.

Thomas C. Grubb
Charles F. Leck
Roland R. Roth
Richard N. Conner, *Chairman*

MEMBERSHIP COMMITTEE REPORT—1985

The total paid membership in the Society as of 12 March 1986 was 2613. During the period, 147 new members joined the Society and 240 persons failed to renew membership, for a decrease of 93 members from the report of 14 April 1985. The OSNA office handled the bulk of the new membership requests. No members requested the use of the display board. Using the 1985 *Flock* as a basis, I determined the membership category (regular, student, life, or patron) of the society by state or Canadian province or foreign country (excluding Canada). The *Flock* lists 2298 U.S. members with 235 from California, 145 from New York, and 116 from Texas. Of the 198 Canadian listings, 96 were from Ontario. Australia, Japan, and West Germany lead the foreign nations with 13, 12, and 11 respectively. A total of 2622 Wilson Ornithological Society members are listed in the 1985 *Flock*. I suggest the data be considered when the site of the annual meeting is discussed. I realize that many factors contribute to the location, but if high meeting attendance is desirable, then attention should be paid to the geographic distribution of the membership.

The Society experienced a 3.65% decrease in membership in the past 11 months for an annual 3.88% reduction. With this reduction, I suggest that WOS members who are also active members in state ornithological societies be identified and asked to interface with their respective state societies on behalf of WOS. They would serve to promote WOS within the state societies and request flyers and a display board for their state meetings. Advertisements could also be designed for state journals (*Raven*, *Passenger Pigeon*, etc.), as well as more regional and national journals (*Western Bird Bander*, *J. Field Ornithol.*) and also perhaps for the National Audubon Society. I suspect that the advertisements in the state and regional journals would be inexpensive . . . perhaps free. Any advertisement in *Audubon Magazine* would cost, as would shipping the display board all around the country (\$5.00/one way). If membership is a problem we as a Society wish to address, then it will require a commitment of a budget in the hundreds of dollars.

Richard Stiehl, *Chairman*

LIBRARY COMMITTEE REPORT—1985

The Library functioned smoothly, and about at its usual level of activity, during the year 1985. We continue the long-standing relationship with the Bird Division of the University of Michigan Museum of Zoology, whereby (in return for convenient use of our collections by Museum personnel, students, and visitors) we enjoy excellent housing facilities as well as handling and clerical services. Janet Hinshaw, in fact, in her capacity as UMMZ Museum Technician, manages virtually all of our operations. The members of the Society, as usual, supported the Library generously and made good use of it, as indicated by the following statistics.

Total donations included 1235 items: 31 books, 209 journal issues, 49 reports, 12 newsletters, 933 reprints (750 of these from R. W. Storer), and 1 translation. These items were received from A. J. Berger, C. Brown, C. Chase III, J. Gapczynski, K. W. Haller, H. Harrison, J. Hinshaw, S. Holohan, J. Jehl, Jr., L. Kilham, H. Mayfield, R. D. Ohmart, R. B. Payne, S. Postupalsky, J. Renner, S. Richards, A. Richford (for Academic Press), C. Ross, P. Stettenheim, R. W. Storer, J. G. Strauch, Jr., M. Wolf (for Österreichische Gesellschaft für Vogelkunde), and Col. L. R. Wolfe: 23 members in all.

Items sold to augment the New Book Fund were 30 duplicate books (for \$277) and 127 duplicate journal issues (\$200). Purchased were 24 books, indices, and other publications, and 1 record, for a total of \$565.51.

We received 157 titles from 113 exchanges of *The Wilson Bulletin*, 37 titles through 27 gifts, and 11 titles through 7 subscriptions, for a total of 205 journals and other items currently being received.

Loans to 47 members and institutions added up to 75 separate transactions, and involved 284 books, translations, and photocopies.

Of special interest will be the appearance, in the not-too-distant future, of an extensive bibliography of available English translations of foreign literature, including those in the WOS collection. This bibliography, long in preparation by Doug Siegel-Causey and Janet Hinshaw, has now been submitted for publication.

William A. Lunk, *Chairman*

CONSERVATION COMMITTEE REPORT—1985

We have decided to undertake two separate efforts. Each will demand some extensive, original synthesis by individuals within selected areas of expertise and has resulted in the formation of two subcommittees: (1) *Conservation of Riparian Communities*. This effort will define the riparian issue, relate its special concern to those interested in avian conservation, acknowledge the economic demands placed on these systems, summarize current agency policies and guidelines for riparian conservation, and conclude with a list of recommendations for the future followed by literature citations. The respective members are: Dr. Fritz L. Knopf, Chairperson, U.S. Fish and Wildlife Service—Colorado; Dr. R. Roy Johnson, U.S. National Park Service—Arizona; Mr. Terrell Rich, U.S. Bureau of Land Management—North Dakota; Dr. Fred B. Samson, U.S. Forest Service—Washington; and Dr. Robert C. Szaro, U.S. Forest Service—Arizona. (2) *Conservation of North American Rallids*. This subcommittee will examine the relationship of this group of birds to population and habitat management practices for waterfowl enhancement in North America. The information on effects of these management programs upon rallid populations is scant, and needs synthesis. Rare, endangered, and status-undetermined species often occur in the same marshes with game species and the effects of hunting upon nongame species have not been identified as an issue. We intend to identify these issues and summarize information avail-

able, while providing guidance for future management and conservation efforts and research on the Rallidae. Members of this subcommittee are: Dr. William R. Eddleman, University of Wyoming; Dr. Fritz L. Knopf, Chairperson, U.S. Fish and Wildlife Service—Colorado; Mr. Brooke Meanley, Retired—Virginia; Dr. S. Dillon Ripley, Smithsonian Institution; Mr. Richard Zemball, U.S. Fish and Wildlife Service—California. Participants on both subcommittees are all members of WOS. Final statements from these subcommittees will be available for the 1987 meeting.

Fritz L. Knopf, *Chairman*

PAPERS SESSIONS

Michael T. Green, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, and Jon H. Miller, P.O. Box 29, Lee Vining, CA, "Water Pipits (*Anthus spinoletta*) in the Sierra: origin and distribution of a recent invader."

Jon C. Barlow, Dept. Ornithology, Royal Ontario Museum, Toronto, ONT, W. Bruce McGillivray, Dept. Ornithology, Provincial Museum of Alberta, Edmonton, ALB, and Vincent L. St. Louis, Dept. Zoology, Univ. Toronto, Toronto, ONT, "The Warbling Vireo in Alberta—one species or two?"

Vincent L. St. Louis, Dept. Zoology, Univ. Toronto, Toronto, ONT, "Morphometric and genetic divergence among populations of the Eurasian Tree Sparrow (*Passer montanus*)."

J. D. Rising, Dept. Zoology, Univ. Toronto, Toronto, ONT, "Geographic variation in sex ratios and body size among wintering flocks of Savannah Sparrows (*Passerculus sandwichensis*)."

Sheila Conant, Dept. General Science, Univ. Hawaii, Honolulu, HI, "Morphological variation in two populations of Laysan Finches (*Telespyza cantans*)."

Jerome A. Jackson and Bette J. Schardien Jackson, Dept. Biological Sciences, Mississippi State Univ., Mississippi State, MS, "Countdown to extinction: can the Ivory-billed Woodpecker still exist?"

John L. Zimmerman, Div. Biology, Kansas State Univ., Manhattan, KS, "Territory selection and habitat in Henslow's Sparrows."

Petra Bohall Wood, Dept. Wildlife and Range Sciences, Univ. Florida, Gainesville, FL, "Abundance, habitat selection, and perch use of Loggerhead Shrikes in north-central Florida."

Doris J. Watt and Laura A. Sadowski, Dept. Biology, Saint Mary's College, Notre Dame, IN, "The development of courtship feeding in captive American Goldfinches."

Thomas A. Waite, Dept. Zoology, Ohio State Univ., Columbus, OH, "The effects of sociality and dominance on vigilance in Tufted Titmice."

R. N. Wiedemann and K. N. Rabenold, Purdue Univ., West Lafayette, IN, "The effects of social dominance between two subspecies of Dark-eyed Juncos (*Junco hyemalis*)."

Walter H. Piper, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, "Do dominant birds feed closer to cover than subordinates? Findings that contradict Schneider's distance hierarchy analysis."

Robert G. Hooper, USDA Forest Service, Charleston, SC, "Use of young longleaf pines for cavities by Red-cockaded Woodpeckers."

Thomas C. Edwards, Jr., Dept. Wildlife and Range Sciences, Univ. Florida, Gainesville, FL, "Nest tree characteristics of Ospreys (*Pandion haliaetus*) in north-central Florida."

Mark S. Woodrey, Dept. Zoology, Ohio State Univ., Columbus, OH, "Characteristics of Red-shouldered Hawk nests in southeast Ohio."

J. B. Grand and R. E. Mirarchi, Dept. Zoology-Entomology and Alabama Agric. Exper.

- Sta., Auburn Univ., AL, "Habitat use by recently-fledged Mourning Doves (*Zenaidura macroura*) in east-central Alabama."
- John D. Thompson and Guy A. Baldassarre, Dept. Zoology-Entomology and Alabama Agric. Exper. Sta., Auburn Univ., AL, "Postbreeding habitat selection by resident Wood Ducks in north Alabama."
- Tom Webber and Mary H. Clench, Florida State Museum, Univ. Florida, Gainesville, FL, "Body pterylosis and relationships of the vireos."
- Mary H. Clench, Florida State Museum, Univ. Florida, Gainesville, FL, "Body pterylosis of the New Zealand Bush Wren: new information on the relationships of the Xenicidae."
- John William Hardy, Florida State Museum, Univ. Florida, Gainesville, FL, and Dale J. Delaney, 155 15th St., No. 28, Del Mar, CA, "First known recording of the vocalizations of the Slender-billed Wren, *Hylorchilus sumichrasti*, and its bearing on the relationships of this species."
- Albert E. Burchsted, Biology Dept., College of Staten Island, 715 Ocean Terr., Staten Island, NY, and Rosemary Gnam, Dept. Biology, Queens College, Queens, NY, "House Finch song institutions along the Hudson River valley."
- Gary L. Ritchison, Dept. Biological Sciences, Eastern Kentucky Univ., Richmond, KY, "The singing behavior of female Northern Cardinals."
- Lowell H. Suring, Jackie Canterbury, and Treshell O'Keefe-Black, USDA Forest Service, Tongass National Forest, Ketchikan, AK, "Breeding birds of riparian woodlands in south-east Alaska."
- W. C. McComb, G. A. McPeck, G. E. Jacoby, and P. L. Groetsch, Dept. Forestry, Univ. Kentucky, Lexington, KY, "Associations between birds and Appalachian tree communities."
- Jeff Keller, NYCWRU, Cornell Univ., Ithaca, NY, "Trends in avian species richness and density during even-aged succession following clearcutting."
- Craig W. Benkman, Dept. Biological Sciences, SUNY, Albany, NY, "On the cost of specialization for crossbills."
- J. W. Johnston and K. L. Bildstein, Winthrop College, Rock Hill, SC and Baruch Inst., Univ. South Carolina, Columbia, SC, "The need for freshwater in spite of a salt gland."
- John M. Shipley, Jr., Waterfowl Consultants, 721 East Tuckey Ln., Phoenix, AZ, "Ingested lead shot in waterfowl harvested in Idaho during the 1983-1984 and 1984-1985 hunting seasons."
- William L. Lynch, P.O. Box 22, Big Hill, KY, "Time budget of nestlings, feeding observations, and telemetry data of the Turkey Vulture."
- Lisa C. Huff and Malcolm C. Coulter, Savannah River Ecol. Lab., Drawer E, Aiken, SC, "Availability of Wood Stork prey in wet and dry years and its effect on reproduction."
- Peter C. Frederick, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, "Chronic tidally-induced nest failure in a colony of White Ibises."
- T. D. Pitts, Biology Dept., Univ. Tennessee at Martin, Martin, TN, "Nesting success of Eastern Bluebirds adjacent to roads and away from roads."
- Craig W. Benkman, Dept. Biological Sciences, SUNY, Albany, NY, "The timing of crossbill reproduction."
- Nancy Flood, Zoology Dept., Univ. Toronto, Toronto, ONT, "The effects of brood parasitism and nest piracy on Scott's Orioles."
- David F. Westneat, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, "Extra-pair fertilizations in the Indigo Bunting (*Passerina cyanea*)."
- Peter M. Fetterolf, Dept. Pharmacology, Vanderbilt Univ., Nashville, TN and Roger I. C. Hansell, Dept. Zoology, Univ. Toronto, Toronto, ONT, "Spite in Ring-billed Gulls."
- Marcy F. Lawton and Robert O. Lawton, Biological Sciences, Univ. Alabama Huntsville, Huntsville, AL, "Heterochrony and the evolution of avian sociality."

- Ralph W. Dexter, Kent State Univ., Kent, OH, "Nesting success of former 'helpers at the nest' in a colony of Chimney Swifts (*Chaetura pelagica*)."
- Ken Meyer, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, "Dependent Sharp-shinned Hawks (*Accipiter striatus*) parasitized by unrelated conspecific young."
- Thomas E. Moorman and Guy A. Baldassarre, Dept. Zoology-Entomology, Auburn Univ., AL, "Effect of second broods on productivity of Wood Ducks in east central Alabama."
- Charles P. Nicholson, TVA, Norris, TN, Paul B. Hamel, Tenn. Dept. Conservation, 701 Broadway, Nashville, TN, and Robert M. Hatcher, Tenn. Wildl. Res. Agency, Box 40747, Nashville, TN, "The Tennessee Breeding Bird Atlas."
- Charles R. Smith, Lab. Ornithology, Cornell Univ., Ithaca, NY, "The New York State Breeding Bird Atlas."
- A. R. Buckelew, Jr. and E. E. Hutton, Dept. Biology, Bethany College, Bethany, WV, "Mountaintop buildings: hazards for migrating birds."
- Robert J. Cooper, Kevin M. Dodge, and Robert C. Whitmore, Div. Forestry, West Virginia Univ., Morgantown, WV, "The effect of a Dimlin application on southern Appalachian forest birds."
- George A. Hall, Dept. Chemistry, West Virginia Univ., Morgantown, WV, "Birds of the southern Appalachians—opening remarks."
- Kerry N. Rabenold and Patricia Parker Rabenold, Dept. Biological Sciences, Purdue Univ., West Lafayette, IN, "Altitudinal migration in Carolina Juncos: is social dominance important?"
- Robert S. Mulvihill, Carnegie Museum of Natural History, Powdermill Nature Reserve, Star Rt. S, Rector, PA, "Variation in the extent of first prebasic molt of Dark-eyed Juncos (*Junco hyemalis*)."
- Philip C. Shelton, Clinch Valley College, Wise, VA, "Status of the avifauna of spruce-fir forests on Mt. Rogers, Virginia."
- David S. Lee, North Carolina State Museum, P. O. Box 27647, Raleigh, NC, "Latitudinal and altitudinal frontiers: summer bird fauna of Grandfather Mountain, North Carolina."
- Fred J. Alsop, III and Thomas F. Laughlin, Biological Sciences Dept., P.O. Box 23,590A, East Tennessee State Univ., Johnson City, TN, "Census of a breeding bird population in a virgin spruce-fir forest on Mt. Guyot, Great Smoky Mountains National Park, before and after balsam wooly aphid infestation."
- Kevin M. Dodge and Robert J. Cooper, Div. Forestry, West Virginia Univ., Morgantown, WV, "Predicting and examining the impact of a gypsy moth outbreak on southern Appalachian forest birds."
- Judith W. McIntyre, Utica College, Utica, NY, "Hello, I'm a loon."

ATTENDANCE

- ALABAMA: *Auburn*, Guy Baldassarre, Mary Carrington, Cathy Johnson, Tim Jones, Michael Losito, Carolyn Marn, Thomas E. Moorman, David Rave, John D. Thompson; *Huntsville*, Marcy Lawton, Robert O. Lawton; *Opelika*, Ralph Mirarchi.
- ALASKA: *Ketchikan*, Lowell H. Suring.
- ARIZONA: *Phoenix*, John M. Shipley, Jr.
- COLORADO: *Ft. Collins*, Clait E. Braun.
- DISTRICT OF COLUMBIA: *Washington*, Martha Cooper.
- FLORIDA: *Gainesville*, Mary H. Clench, Michael W. Collopy, Thomas C. Edwards, John William Hardy, Ken Meyer, Susan Priess, Ann Venables, Tom Webber, Petra Bohall Wood; *Miami*, Peter C. Frederick.

- GEORGIA: *Athens*, Craig W. Benkman, Scott M. Pearson; *Decatur*, Georgann Schmalz; *Statesboro*, Bill Lovejoy.
- HAWAII: *Honolulu*, Sheila Conant.
- INDIANA: *Hanover*, Dan Webster, Juanita Webster; *Notre Dame*, Doris Jane Watt; *W. Lafayette*, Kerry Rabenold, Robert N. Wiedenmann.
- KANSAS: *Manhattan*, John L. Zimmerman.
- KENTUCKY: *Lexington*, Bill McComb; *Richmond*, Gary Ritchison.
- MARYLAND: *Bethesda*, John A. Pond, Nancy Pond; *Laurel*, Danny Bystrak, Sam Droege.
- MASSACHUSETTS: *Sherborn*, Richard T. Darby.
- MICHIGAN: *Ann Arbor*, Louise S. Storer, Robert W. Storer; *Grass Lake*, Harold Ratcliff; *Jackson*, Robert A. Whiting; *Pleasant Lake*, Hubert (Hugh) Zernickow; *Ypsilanti*, Herbert H. Caswell, Jr., Mrs. Herbert H. Caswell, Jr.
- MISSISSIPPI: *Mississippi State*, Bette Jackson, Jerome A. Jackson.
- MISSOURI: *Cape Girardeau*, Andrea Ivanovich, Pam Price, David A. Schwepker, Richard Stiehl, Jonathan Tipler, Bill Whitmar, II.
- NEW YORK: *Brooklyn Heights*, Florence G. Nixon; *Ithaca*, Jeffrey K. Keller, Charles R. Smith; *Lansing*, Helen Lapham; *Staten Island*, Albert E. Burchsted; *Utica*, Judith W. McIntyre.
- NORTH CAROLINA: *Chapel Hill*, RoseMarie E. Etemad-Green, Michael T. Green, Helmut C. Mueller, Walter H. Piper, David F. Westneat; *Durham*, Nancy S. Mueller; *Raleigh*, Dave Lee.
- OHIO: *Columbus*, Sandra L. Gaunt, Minna Hsu, John A. Smallwood, Thomas A. Waite, Jim Wood, Mark S. Woodrey; *Gambier*, Robert D. Burns; *Kent*, Ralph W. Dexter; *Lakewood*, Nancy R. Klamm, William A. Klamm; *Toledo*, John Kusnier, Jr., Elliot J. Tramer.
- PENNSYLVANIA: *Chester Springs*, Berrell (Babs) Street, Phillips B. Street; *Hatfield*, Harry W. Mankonen; *Indiana*, Robert E. Merritt, Anthony J. Nastase; *Pittsburgh*, D. Scott Wood; *Rector*, Robert S. Mulvihill.
- TENNESSEE: *Crossville*, Bruce Anderson; *Elizabethton*, Gary O. Wallace; *Franklin*, Stephen J. Stedman; *Johnson City*, Fred J. Alsop, III, Rick Knight; *Knoxville*, Laurie Armstrong, Mark Armstrong, Marcia Davis, Barbara Finney, Audrey R. Hoff, Ronald D. Hoff, Beth Lacy, J. B. Owen, James T. Tanner, Bill Yambert; *Lookout Mountain*, Jerome Wenger; *Martin*, David Pitts; *Maryville*, Ralph J. Zaenglein; *McKinsey*, Don Manning, Gina Manning; *Memphis*, Fred Carney, Ben B. Coffey, Jr., Lula C. Coffey, James A. Ferguson, George R. Payne, Jr., Wendall Whittemore; *Morristown*, Allen E. Ricks; *Nashville*, Sandra D. Bivens, Peter M. Fetterolf, Katherine A. Goodpasture, Paul Hamel, Robert Hatcher, Ann Tarbell, David F. Vogt; *Norris*, Linda J. Fowler, Charles P. Nicholson.
- SOUTH CAROLINA: *Aiken*, Jeannine Angerman, Malcolm C. Coulter, Lisa C. Huff; *Chester*, Mrs. W. C. Stone, Sr.; *Rock Hill*, Keith L. Bildstein, Dale Gawlik, James W. Johnston; *Mt. Pleasant*, Robert Hooper; *Six Mile*, Douglas Branch McNair; *Spartanburg*, Miller C. Foster, Jr.
- TEXAS: *Nacogdoches*, Richard N. Conner.
- VIRGINIA: *Blacksburg*, Jerry W. Via; *Charlottesville*, Bill Akers; *Harrisonburg*, Kathleen H. Finnegan, Michael J. Finnegan; *Reston*, Henry Bell; *Williamsburg*, Ruth A. Beck, Lois E. Byrd, Mitchell A. Byrd.
- WEST VIRGINIA: *Bethany*, Albert (Jay) Buckelew; *Elkins*, Eugene E. Hutton; *Morgantown*, Robert Cooper, Kevin Dodge, George A. Hall.
- ONTARIO: *Toronto*, Jon C. Barlow, Nancy J. Flood, Thomas S. Parsons, Jim Rising, Vincent St. Louis.
- SASKATCHEWAN: *Saskatoon*, William J. Maher.



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