

PROCEEDINGS OF THE SEVENTY-FIRST ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY

The Seventy-first Annual Meeting of the Wilson Ornithological Society was held Thursday, 31 May to Sunday, 3 June 1990 at Wheaton College, Norton, Massachusetts in joint session with the Association of Field Ornithologists. The local committee chaired by Dr. John Kricher was composed of William E. Davis, Jr., Janet L. Heywood, Betty Petersen, Wayne R. Petersen, Martha Steele, and Martha Vaughan. The meeting was sponsored by the Biology Department of Wheaton College, *Bird Observer*, Manomet Bird Observatory, Massachusetts Audubon Society, and the Nuttall Ornithological Club.

The Council met from 13:10 to 21:40 on Thursday, while registration from the 190 guests and members began in the Science Center. On Thursday evening a reception in the Balfour Hood Center was hosted by the Nuttall Ornithological Club. The opening session on Friday convened in the Auditorium of the Science Center where the Society was welcomed by Dr. Hanna Goldberg, Provost and Academic Vice-president of Wheaton College. President Jon C. Barlow responded for the Wilson Ornithological Society, and President Peter F. Cannell responded for the Association of Field Ornithologists.

The scientific papers sessions, which included contributed papers, a workshop on field techniques and data management for banders chaired by Christopher Rimmer, a workshop on conservation of coastal wetlands in the western hemisphere chaired by Keith Bildstein, and symposia on the amateur in ornithology and American avian zoogeography were held on Friday and Saturday in the Science Center. Poster papers were presented in the Balfour Hood Center, highlighted by a reception Friday evening hosted by Wheaton College and the Manomet Bird Observatory. Field trips on Sunday included a pelagic whale watch and an excursion to Plum Island.

The annual banquet was held in the Emerson Dining Hall on the campus Saturday evening, after which the following awards were presented:

EDWARDS PRIZE (for the best major article in volume 101 of *The Wilson Bulletin*)

David E. Blockstein, "Crop milk and clutch size in Mourning Doves," *Wilson Bulletin* 101:11–25.

LOUIS AGASSIZ FUERTES AWARD

Erika Deinert, "The evolution of cooperative courtship displays in male Rio Grande Turkeys."

MARGARET MORSE NICE AWARD

Carolyn A. Drake, "Creating a scientifically accurate and appropriate bibliography for the study of birds so that it can be utilized in the educational curriculum of youth from kindergarten through the eighth grade."

PAUL A. STEWART AWARDS

Stephen P. Flemming, "Do Red-winged Blackbird colonies and roosts function as information centers?"

Gustavo J. Inglesias, "Birds of the understory subtropical rainforest of the Iguazu National Parks, Argentina."

Jeffery S. Marks, "Nonbreeding ecology of Bristle-thighed Curlews on Laysan Island, Hawaiian Islands."

Satu K. Parnanen, "The role of eco-behavioral data in assessing species limits in *Spizella*."

David R. C. Prescott, "Differential migration in the Evening Grosbeak: A test of an hypothesis."

Jeffery V. Wells, "Dispersal, site fidelity and mortality rates in an isolated population of grassland birds."

Hsiao-Wei Yuan, "Demography, dispersal, and population structure of Common Tern (*Sterna hirundo*) at Oenida Lake, New York."

ALEXANDER WILSON PRIZE (for best student paper)

Lynn A. Mahaffy, Dept. Natural Resources, Cornell Univ., Ithaca, NY, "Water off a duck's back: Is feather structure a key to water-repellency?"

Selection committees for these awards: Edwards Prize—Charles Blem, Mark Colwell, Chris Stinson, and Anne Wenner; Fuertes, Nice, and Stewart Awards—Richard Banks and Richard Stieh; Wilson Prize—Richard Banks, Herb Hendrickson, and Ernest Willoughby.

The evening was delightfully completed with a presentation by Dr. Frank B. Gill, Academy of Natural Sciences, Philadelphia, PA on, "The Quest for Pere David's Tit."

FIRST BUSINESS MEETING

The first business meeting was called to order by President Barlow at 11:33, Friday, 1 June in the Science Center auditorium. Secretary Zimmerman summarized the highlights of Thursday's Council meeting. Next year the Society will meet with the Cooper Ornithological Society at the University of Oklahoma, Norman, OK, from 15–19 May 1991 with Professor Gary Schnell as the local chairperson. In the following year the meeting will be in the Orlando-Kissimmee area and be sponsored by the Lake Region Audubon Society, Archbold Biological Station, and the Florida Ornithological Society (dates to be announced). The treasurer has reported the Society in excellent shape with income exceeding expenses by \$14,068. The proposed budget for next year totals \$95,000. The present membership is 2249 and reflects a 1 percent decrease from the previous year. John Smallwood, chair of the membership committee, is preparing a new membership brochure and encourages all members to seek copies for distribution to potential members. OSNA administrative activities are to be shifted to Allen Press, Lawrence, Kansas, but Sandra L. L. Gaunt will continue as Director, at least for an additional year. Charles Blem has been reelected as editor. New business of note is the plan to develop travel awards for students and amateurs giving papers at future meetings. The Sutton Prize will be offered again, appropriately at next year's meeting in Norman, Oklahoma. J. Wm. Hardy has accepted chairpersonship of this bird art competition. Lastly, Zimmerman asked the membership to stand in honor of members who had died since the last annual meeting—Richard O. Albert (Alice, TX), Laurence L. Alexander (Gainesville, FL), Mrs. Allan G. Davenport (Providence, RI), Annette Duchein (Ocean Springs, MS), Mrs. John Fiske (Petersham, MA), Michael Harwood (Washington, CT), Mrs. John W. Lueshen (Wisner, NE), John M. McCormick (Ashland, OR), Robert M. Mengel (Lawrence, KS), Kenneth D. Morrison (Babson Park, FL), Frank W. Preston (Butler, PA), Hugh L. Quarles (University, MS), Norman F. Sloan (Houghton, MI), Frank B. Smithe (Douglaston, NY), Doris H. Speirs (Pickering, ON), Jane E. Stern (Pine Bluff, AR), Mrs. W. C. Stone, Sr. (Clinton, SC), Elmer W. Strehlow (Green Bay, WI), Mrs. Anne Hinshaw Wing (Colorado Springs, CO), and Wendell L. Whittemore (Memphis, TN).

J. D. Rising presented the report of the nominating committee: Jon C. Barlow, president; Richard C. Banks, first vice-president; Richard N. Conner, second vice-president; Robert D. Burns, treasurer; John L. Zimmerman, secretary; Frank Gill and Bette Jackson for three-year terms as councilors.

Robert D. Burns gave the treasurer's report.

REPORT OF THE TREASURER 1 JANUARY 1989 TO 31 DECEMBER 1989

GENERAL FUNDS

RECEIPTS

Regular and Sustaining Memberships for 1989	\$ 15,096.00	
For 1990	15,969.00	
Student Memberships for 1989	1,313.00	
For 1990	1,166.00	
Family Memberships for 1989	175.00	
For 1990	<u>500.00</u>	
TOTAL DUES		\$ 34,219.00
Subscriptions to <i>The Wilson Bulletin</i>		
For 1989	\$ 20,491.00	
For 1990	<u>7,138.50</u>	
TOTAL SUBSCRIPTIONS		\$ 27,629.50
Back Issues of <i>The Wilson Bulletin</i>		\$ 309.50
Interest and Dividends		\$ 21,044.79
Royalties		\$ 3,571.45
Contributions from Authors		\$ 11,067.40
Contributions to The Van Tyne Library		\$ 114.00
Contributions to the Student Membership Endowment		\$ 826.49
Contributions to General Endowment (Life Members and Patrons) ...		\$ 1,000.00
Contributions to the Edwards Prize		\$ 350.00
Contributions to the Wilson Prize		\$ 54.00
Sale of Computer		<u>\$ 200.00</u>
TOTAL RECEIPTS		\$100,386.13

DISBURSEMENTS: 1989

The Wilson Bulletin

December 1988	\$ 18,403.05	
March 1989	14,159.91	
June 1989	18,547.87	
September 1989	14,790.49	
Total Printing and Mailing	65,901.32	
Editor's Expenses	3,714.50	
Color Plates	<u>0.00</u>	
TOTAL PRODUCTION COSTS		\$ 69,615.82
OSNA Expenses*		\$ 9,330.00
Student Awards		\$ 2,650.00
Treasurer's Expenses		\$ 189.92
Treasurer's Bond		\$ 100.00
Mailings, Student Membership Award Notices		\$ 39.65

AAZN Dues	\$ 100.00
ICBP Dues	\$ 0.00
Subscriptions and OSNA Refunds	\$ 60.00
Printing and Mailing of Back Issues	\$ 1,048.55
Incorporation Fee	\$ 5.00
Deposit to Endowment	\$ 1,880.49
Meeting Expenses	\$ 593.01
Wilson Stationery	\$ 89.90
President's Expense (Postage)	\$ 33.74
Van Tyne Library	\$ 582.00
TOTAL DISBURSEMENTS	\$ 86,318.08
Note: *Newsletter about \$3,000.00	
BALANCE—Income Less Disbursements	\$ 14,068.05

CASH ACCOUNTS

Peoples Bank, Gambier, OH 43022 31 December 1989	
Checking Account	\$ 13,979.98
Dreyfus Liquid Assets	<u>59,976.44</u>
TOTAL CASH ON HAND	\$ 73,956.42

DESIGNATED ACCOUNTS

Louis Agassiz Fuertes and Margaret M. Nice Awards

Endowment Principal	\$ 10,000.00
1989 Earnings	\$ 700.00
1988 Balance	\$ 200.00
Award Funds Available	\$ 900.00
Funds Disbursed for Awards	\$ 400.00
1989 Cash Balance	\$ 500.00

Alexander Wilson Prize

Endowment Principal	\$ 2,396.41
1989 Earnings	\$ 167.75
1988 Balance	\$ (168.65)
Funds Available	\$ (0.90)
Funds Disbursed for Awards	\$ 100.00
1989 Cash Balance	\$ (99.10)

Paul A. Stewart Awards

Endowment Principal	\$ 22,850.37
1989 Earnings	\$ 1,599.53
Funds Disbursed for Awards	\$ 1,800.00
1989 Balance	\$ (200.47)

George Sutton Color Plate Fund

Endowment Principal	\$ 50,000.00
Funds Available 1989	\$ 945.86
1989 Earnings	\$ 3,500.00
Funds Disbursed for Color Plates	\$ 0.00
1989 Cash Balance	\$ 4,445.86

Ernest P. Edwards Prize

Endowment Principal		\$ 2,695.90
Funds Available	\$ 350.00	
Funds Disbursed for Awards	\$ 350.00	
1989 Cash Balance	\$ 00.00	

General Endowment Funds

Endowment Principal 1988	\$151,786.00
1989 Balance of General Endowment Principal	\$158,222.32

TOTAL ENDOWMENT FUNDS

1988 Amount Invested (Carrying Value)	\$247,720.00
Market Value	\$320,236.00
1989 Deposited to Endowment	\$1,880.49
Sale and Purchase of Securities	\$ 984.51
Endowment Principal as of 12-31-89	\$250,585.00
Market Value as of 12-31-89	\$386,992.00

Annual Meeting Reserve Funds

1989 Cash Balance	\$ 4,338.77
1989 Meeting Expenses	\$ 593.01
1989 Balance of Centennial Meeting Funds	\$ 3,745.76

Robert D. Burns, TREASURER

EDITOR'S REPORT—1989

In 1989, 171 manuscripts (62 major papers, 109 short communications) were submitted to *The Wilson Bulletin* office. This is only one paper less than submitted in 1988. Of these, 51% have been accepted, 46% have been rejected, and 3% remain under review. Our acceptance rate remains nearly 60% for major papers and about 45% for short communications. These figures are not exact. Frequently, manuscripts submitted as major papers are converted to short communications. There presently is no backlog of frontispiece articles and any manuscript which is accepted and includes a relevant color plate is given rapid attention. On the average, papers received in 1989 were returned to the author within about 65 days of receipt. Those papers which require more time in the editorial process are always delayed by tardiness of referees.

I am grateful to my Editorial Board, Kathy G. Beal, R. N. Conner, C. H. Stinson, and J. R. Walters. Besides acting as "super-referees", they often give me advice about dealing with specific problems. Review editor George A. Hall continues to provide timely and interesting book reviews. I remain indebted to Assistant Editors Leann Blem, Albert E. Conway, and Anne Wenner, whose attention to detail not only keeps our error rate down, but also saves the society money. Karen Blem and Leann Blem deserve special acknowledgment for running the editorial office. I am especially grateful to Kathy G. Beal who has prepared the index for WB for several years. This little-noticed task makes the journal more useful for all of us.

We remain committed to quality and to serving our readers. We try to treat all authors

with consideration and with the goal of helping them to find a home for their manuscripts. Any suggestions toward improving that process will be considered seriously.

C. R. Blem, *Editor*

The meeting was temporarily adjourned until the second session.

SECOND BUSINESS MEETING

President Barlow opened the second business meeting at 13:18, Saturday, 2 June in the Science Center. The report of the Auditing Committee was received.

We, the undersigned, met on 1 June 1990 to scrutinize the financial records presented to us by the treasurer for the period 1 January 1989 to 31 December 1989. Upon reviewing these records, consisting of bank statements, cancelled checks, OSNA payments, etc., we are satisfied that they accurately reflect the financial operations of the Society and that the treasurer pays the bills and deposits the receipts in a timely manner. We believe that the balances shown for the General, Designated, and Endowment Funds are accurately stated. The committee members commend Dr. Robert Burns for his continuing diligent performance in fulfilling the duties of treasurer for 1989 and for maintaining sound fiscal controls of the Society's assets.

Hubert P. Zernickow, *Chairperson*
Harold Ratcliff
Robert A. Whiting

It was moved by Chan Robbins and seconded by Mary Clench to accept this report, and the motion passed.

President Barlow recalled the report of the nominating committee to the floor of the assembly. Additional nominations from the floor were requested, but none were offered. George Hall moved and Mary Clench seconded that the nominations be closed and that a unanimous ballot be cast. The motion passed, and a unanimous ballot was duly recorded by Doris Watt, who was acting secretary.

George Hall presented the report of the resolutions committee.

REPORT OF THE RESOLUTIONS COMMITTEE

WHEREAS, coastal wetlands comprise less than 3% of the land surface of the Western Hemisphere, and

WHEREAS, coastal wetlands include some of the most productive and ecologically valuable natural habitats, and

WHEREAS, approximately half of the hemisphere's human population lives near and depends upon these wetlands, and

WHEREAS, these open ecological systems can be used by human populations in a sustainable manner, but

WHEREAS, such wetlands continue to be altered detrimentally, both directly and indirectly, by the actions of human populations throughout the hemisphere at an alarming rate,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society: (1) recommends that appropriate local, state, and national governmental and nongovernmental organizations in the Western Hemisphere enhance and ensure the protection of these important ecological resources by supporting essential research, by the passage of new protective and regulatory legislation as warranted, and by the enforcement of existing laws concerning wetland use, and (2) suggests that programs such as Florida's "Save Our Rivers" and "Surface Water

Improvement and Management” be implemented and used as models elsewhere, and (3) that nations that have not already done so become contracting parties to the Convention on Wetlands of International Importance Especially as Waterfowl Habitat (the so-called RAMSAR Convention), and (4) that all nations adhere to both the spirit and letter of this international treaty and that they actively promote the wise and sustainable use of coastal wetlands within and beyond their jurisdiction.

It was moved by Robert Whiting and seconded by Jeff Spindelov to accept this resolution, and the motion passed.

WHEREAS, Maurice Graham Brooks has been a member of the Wilson Ornithological Society since 1927, and

WHEREAS, he has served the Society as a member of the Council, as Secretary, and as President from 1950 to 1952, and

WHEREAS, he has been a mentor and inspiration to several generations of students in the southern Appalachians, and

WHEREAS, on 16 June 1990 Maurice Brooks will celebrate his ninetieth birthday,

THEREFORE BE IT RESOLVED that we, the members of the Wilson Ornithological Society, assembled at the 71st annual meeting at Wheaton College, Norton, Massachusetts send our warmest birthday greetings and our heartfelt thanks to Maurice Graham Brooks on this very special occasion.

It was moved by Hubert Zernickow and seconded by Chan Robbins to accept this resolution, and the motion passed.

WHEREAS, the Wilson Ornithological Society, together with the Association of Field Ornithologists, have held their joint meeting in the pleasant surroundings at Wheaton College in Norton, Massachusetts, and

WHEREAS, the Biology Department of Wheaton College, and the co-sponsors—*Bird Observer*, the Manomet Bird Observatory, the Massachusetts Audubon Society, and the Nuttall Ornithological Club—have been responsible for the pleasant atmosphere of the meeting, and

WHEREAS, the Local Committee on Arrangements, ably chaired by John C. Kricher, has worked diligently to assure the success of this joint meeting, and

WHEREAS, the Committee on Scientific Program, co-chaired by Richard N. Conner and Edward H. Burt, Jr., has provided an innovative and interesting program of symposia, workshops, and scientific papers,

THEREFORE BE IT RESOLVED, that the Wilson Ornithological Society commends the sponsoring groups and salutes the Local Committee on Arrangements for a job well done.

Herb Henrickson moved and Richard Stiehl seconded the motion to accept this resolution, it passed with hearty applause.

It was moved by Richard Conner and seconded by Chan Robbins that the meeting be adjourned, and it was.

The reports of the standing committees are as follows.

REPORT OF JOSSELYN VAN TYNE MEMORIAL LIBRARY COMMITTEE—1989

During the past calendar year, the activities of the Library have continued to prosper; some moderate drops in the figures both for member-usage and member-donations hopefully must reflect merely normal fluctuations. Some ongoing physical improvements in the UMMZ Bird Division offices and laboratory facilities have affected the WOS library, through some short-term inconveniences but long-term advantages in overall efficiency and comfort. The undersigned chairman, now retired and operating largely from home, has less day-to-day contact with library activity than before. However, Janet Hinshaw continues to be the real

guiding hand in keeping our affairs in order; she deserves all the help and appreciation we can possibly give her with each passing year.

Twenty-four of our generous members donated a total of 517 items to the Library collections: 41 books, 184 serial issues, 127 monographs and reports, and 165 reprints. Donors were R. Bayer, A. J. Berger, R. Breitwisch, M. Clench, M. W. Collopy, R. N. Conner, J. Grabowski, G. A. Hall (WOS review copies), K. Haller, R. Hoffman, S. Holohan, D. James, G. R. Lingle, F. Lohrer, H. Mayfield, T. Miley, R. B. Payne, F. A. Pitelka, W. Post, S. W. Richards, W. Thiede, C. Violani, T. Will, and E. Wolfe. Special thanks are due also for a bequest from the Margaret M. Mitchell estate of 514 volumes, including books, short runs of bird journals, and field notebooks.

We urge even more members to contribute library materials. Items that do not go directly onto our shelves can be equally valuable as duplicates, and for sale to augment the New Book Fund. This year, sales of 26 books and journals netted \$345.50. A total of 23 purchases from the fund of 17 books and reports and 6 records and tapes amounted to \$603.15.

Through other processes, the Library received a total of 221 titles (serials, monographs, and reprints) from 166 institutions, organizations, and members: 163 titles from 125 exchanges, 41 from 30 gifts, and 17 on 11 regular subscriptions.

Perhaps most importantly—for this constitutes our most direct continuing service to the membership—the WOS library loaned 194 items in a total of 149 separate transactions: 28 members and libraries borrowed 24 books, 153 photocopies, 12 translations, 1 microfilm, 1 reprint, and 3 journal issues. We hope that an increasing number of members will find it convenient to borrow publications for which they find a need from our large collections.

We thank everyone who has in any way contributed to this, another very successful year.

William A. Lunk, *Chair*

REPORT OF THE CONSERVATION COMMITTEE

The committee has organized a round-table discussion for the 71st annual meeting entitled, "Conservation of coastal wetlands in the Western Hemisphere." A manuscript by this title is being prepared for publication in *The Wilson Bulletin* and will constitute the formal report of the committee.

Keith L. Bildstein, *Chair*

REPORT OF THE MEMBERSHIP COMMITTEE

The information brochure sent in response to inquiries about membership is being revised. Members are asked to send suggestions to the chair, and upon its publication, to request copies for distribution.

John A. Smallwood, *Chair*

The Committee on Scientific Program was co-chaired by Richard Conner for the Wilson Society and Edward H. Burtt, Jr. for the Association of Field Ornithologists. The following members assisted as session moderators: Keith L. Bildstein, Margaret C. Brittingham, Mary H. Clench, Jerome A. Jackson, James D. Rising, Charles R. Smith, Elliot J. Tramer, and Richard H. Yahner.

PAPERS SESSIONS

- Mary H. Clench, Dept. Internal Medicine, Univ. Texas Medical Branch, Galveston, TX 77550, "From the pilgrims to the present: the contributions of amateur ornithologists."
- Harold F. Mayfield, 1162 Nanette Dr., Toledo, OH 43614, "The amateur: finding a niche in ornithology."
- Robert P. Yunick, 1527 Myron St., Schenectady, NY 12309, "Banders as an ornithological resource."
- John Tautin, Bird Banding Laboratory, U.S. Fish & Wildl. Service, Laurel, MD 20708, "The amateur bird bander—the Bird Banding Lab perspective."
- Francois Vuilleumier, Dept. Ornithology, Amer. Museum Natural History, Central Park West at 79th St., New York, NY 10024-5192, "Origins and development of American avian zoogeography."
- Chandler S. Robbins, U.S. Fish & Wildl. Service, Patuxent Wildl. Res. Center, Laurel, MD 20708. "Use of BBS, BBC, and WBPS to track zoogeographic change."
- Russell Greenberg, National Zoological Park, Washington, DC 20008, "The destination of neotropical migratory birds."
- Elliot J. Tramer, Dept. Biol., The Univ. Toledo, Toledo, OH 43606, "Global warming, vegetation changes, and the future of avian zoogeography."
- Margaret C. Brittingham, Pennsylvania State Univ., University Park, PA 16802, "Dynamics of a Blue Jay population: a long-term banding study by Peggy Hickey."
- Gregory S. Butcher and James D. Lowe, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Dynamic American zoogeography using data collected by amateurs: raptors on Christmas bird counts."
- Alison M. Mostrom, Dept. Biology, Univ. Pennsylvania, Philadelphia, PA 19104-6018, "Who initiates group movement in Carolina Chickadee (*Parus carolinensis*) flocks? A test of four hypotheses."
- Erica H. Dunn, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "The relationship between bird numbers at feeders and 'in the wild'."
- Philip C. Stouffer, Donald F. Caccamise, and Douglas W. White, Dept. Entomology and Economic Zoology, Rutgers Univ., New Brunswick, NJ 08903, "Roosting and diurnal movements of radio-tagged crows."
- Charles R. Smith, Laboratory of Ornithology and Dept. Natural Resources, Cornell Univ., Ithaca, NY 14850, "Volunteer contributions to bird conservation: an example from New York state."
- Ralph W. Dexter, Dept. Biological Sciences, Kent State Univ., Kent, OH 44242, "Comparative mating history of female Chimney Swifts (*Chaetura pelagica*) nesting for nine years in a breeding colony."
- Eric Strauss and Benjamin Dane, Tufts Univ., Medford, MA 02155, "Reduced fledging success and decreased foraging efficiency of Piping Plover chicks in disturbed habitat."
- Peter D. Vickery, Malcolm L. Hunter, Jr., and Jeffrey V. Wells, Wildlife Dept., Univ. Maine, Orono, ME 04469, "A new comprehensive measure of reproductive success: its application to the relationship of habitat quality in three Emberizine sparrows."
- Peter D. Vickery, Malcolm L. Hunter, Jr., and Jeffrey V. Wells, Wildlife Dept., Univ. Maine, Orono, ME 04469, "Is increased territorial density associated with higher levels of breeding success?"
- Carol A. Corbat, School of Forest Resources, Univ. Georgia, Athens, GA 30602, "Nesting success, nest site fidelity, and nesting habitat of Wilson's Plover in Georgia."
- Thomas C. Gumbart, Utah State Univ., Logan, UT 84322-55305, "Drought effects on reproductive success in Yellow-eyed Juncos."

- June A. Chamberlain-Auger, 121 Cap'n Lijah's Road, Centerville, MA 02632, "Reproductive success of American Crows living in two different habitat types."
- Douglas W. White, E. Dale Kennedy, and Philip C. Stoufer, Rutgers Univ., Piscataway, NJ 08855, "Feather regrowth in female European Starlings rearing different brood sizes."
- Richard H. Yahner and Thomas E. Morrell, Pennsylvania State Univ., University Park, PA 16802, "Depredation of artificial avian nests in irrigated forests."
- Richard A. Lent, Seatuck Res. Program, Islip, NY and Dept. Ecol. and Evol., SUNY Stony Brook, NY 11790, "A multifactorial analysis of nest predation in the Gray Catbird, with comparison to artificial nests."
- R. R. Roth and R. K. Johnson, Dept. Entomology and Appl. Ecology, Univ. Delaware, Newark, DE 19717-1303, "Cowbird parasitism: a factor in the decline of the Wood Thrush?"
- Gayle A. Unruh, Burns & McDonnell, Kansas City, MO 64141-6173, and Edwin C. Franks, Western Illinois Univ., Macomb, IL, "A bird on every fencepost."
- Jeffrey A. Spendelow, U.S. Fish & Wildl. Service, Patuxent Res. Center, Laurel, MD 20708, "An assessment of various nesting habitat enhancement projects for Roseate Terns at Falkner Island, Connecticut."
- E. Dale Kennedy and Douglas W. White, Rutgers Univ., Piscataway, NJ 08855, "Repeatability of clutch size in House Wrens."
- Laurie H. MacIvor and Curtice R. Griffin, Dept. Forestry and Wildl. Mgt., Univ. Massachusetts, Amherst, MA 01002, and Scott M. Melvin, Dept. Inland Fisheries and Wildl., Bangor, ME 04401, "Mate retention and site fidelity of Piping Plovers in Massachusetts."
- Carola A. Haas, Dept. Natural Resources, Cornell Univ., Ithaca, NY 14853, "The effect of experience on site fidelity."
- Jed S. Mellow, Univ. Rhode Island, Kingston, RI 02881, "The influence of area and habitat on red maple swamp bird communities."
- Donald J. Smith and Charles R. Smith, Laboratory of Ornithology and Dept. Natural Resources, Cornell Univ., Ithaca, NY 14850, "Use of active pastures by Henslow's and Grasshopper Sparrows in upstate New York."
- Leah Schimmel, Biology Dept., Boston Univ., Boston, MA 02215, "An interspecific comparison of individual and species recognition in the passerines *Turdus migratorius* and *Cyanocitta cristata*."
- Kenneth E. Petit, 348 Church St., Doylestown, OH 44230, "Roost site selection by the Galapagos Dove (*Zenaida galapagoensis*)."
- Charles Walcott, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Cues homing pigeons use for orientation may vary on loft location."
- Brad Andres, Dept. Zoology, Ohio State Univ., Columbus, OH 43210, "The hyperphagic race: patterns of arctic shorebirds."
- Stephen Flemming, Queen's Univ., Kingston, ON, Canada, "Social foraging by Ospreys: local enhancement and the use of risk-averse flocking."
- James L. Ingold, Franklin and Marshall College, Lancaster, PA 17604, and James E. Jurgenson, Jeffrey B. Stunt, and Susan Colilla, Dickenson College, Carlisle, PA 17013, "Restriction fragment length polymorphisms of Ruby-crowned and Golden-crowned Kinglet mitochondria."
- Robert J. Craig, Univ. Connecticut, Storrs, CT 06269-4087, "Ecological and morphological divergence in a Pacific island Reed Warbler."
- Lynn A. Mahaffy, Dept. Natural Resources, Cornell Univ., Ithaca, NY 14853, "Water off a duck's back: is feather structure a key to water-repellency?"

- J. D. Rising, Karen Haberman, and D. I. MacKenzie, Univ. Toronto, Toronto, ON, M5S 1A1, Canada, "Geographic variation in the Gray Kingbird (*Tyrannus dominicensis*)."
- Richard C. Banks and M. Ralph Browning, U.S. Fish & Wildl. Service, National Museum of Natural History, Washington, DC 20560, "Nagging questions about the status of Thayer's Gull."
- Nancy Dwyer, Univ. Florida, Gainesville, FL 32611, "Florida Sandhill Crane nest-site selection."
- David E. Blockstein, A.I.B.S., Washington, DC 20001-4521, "The endangered Grenada Dove (*Leptotila wellsi*): a status update."
- Richard N. Conner and D. Craig Rudolph, Southern Forest Experiment Station, U.S. Forest Service, Nacogdoches, TX 75962, "Forest fragmentation and small Red-cockaded Woodpecker populations."
- Derek W. Stinson, Div. Fish & Wildlife, Saipan, CNMI, 96950, "The Mariana Common Moorhen: decline of an island endemic."
- Joseph M. Wunderle, Instit. Tropical Forestry, Rio Piedras, PR 00928-2500, "The effect of hurricane Hugo on bird populations in a Puerto Rican rainforest."
- Jon C. Barlow, Dept. Ornithology, Royal Ont. Mus., Toronto, ON, M5S 2C6, Canada, "Does the Tropical Mockingbird (*Mimus gilvus magnirostris*) of St. Andrew Island mimic?"
- Anthony L. Lang, Dept. Zoology, Univ. Toronto, Toronto, ON, M5S 1A1, Canada, "Patterns of geographic variation of song populations of the Eurasian Tree Sparrow."
- Ernest J. Willoughby and Marie Cox, St. Mary's College of Maryland, St. Mary's City, MD 20686, "Calls of the Chipping Sparrow."
- Russell C. Titus and Carola A. Haas, Dept. Natural Resources, Cornell Univ., Ithaca, NY 14853, "Singing behavior of American Robins."
- John M. Hagan, III, J. Michael Reed, Elizabeth A. Cromie, and Roger E. Frost, Manomet Bird Observatory, Manomet, MA 02345, "Environmental sources of selection on songs of North American warblers."
- Jonathan L. Atwood, Mark J. Kasprzyk, Trevor L. Lloyd-Evans, Simon P. Barrette, M. Kathleen Jensen, and Danielle M. Stearns, "Aerial mist-netting in a deciduous tropical forest."
- David E. Blockstein, A.I.B.S., Washington, DC 20001-4521, "Proposed federal legislation to conserve biodiversity."
- Edward H. Burt, Jr., Dept. Zoology, Ohio Wesleyan Univ., Delaware, OH 43015, "Energy correlated changes in feeding postures of Parids."
- Gonzalo Castro, Dept. Biology, Colorado State Univ., Fort Collins, CO 80523 and National Ecol. Res. Center, U.S. Fish & Wildl. Service, 4512 McMurray Ave., Fort Collins, CO 80525-3400, "Use of electrical conductivity to estimate body fat in live birds."
- Erica H. Dunn and Diane L. Tessaglia, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Project Feederwatch: monitoring winter bird populations at North American feeders."
- Walter G. Ellison, Dept. Ecology and Evol. Biol., U-43, Univ. Connecticut, Storrs, CT 06269, "Patterns of vagrancy by Blue-gray Gnatcatchers in New England from 1937-60."
- Peggy Ferebee and H. T. Hendrickson, Univ. North Carolina at Greensboro, Greensboro, NC 27412, "Forty-year population trends of selected wintering passerines in piedmont North Carolina."
- Jeremy A. T. Hussell, Aurora, ON, L4G 2B1, Canada, and Erica H. Dunn, Laboratory

- of Ornithology, Cornell Univ., Ithaca, NY 14850, "Goldfinch preferences for location of bird feeders."
- Susannah K. Graedel, New Jersey Audubon Soc., Bernardsville, NJ 07924, "Diurnal and seasonal mass variation in winter resident birds."
- Vincent N. LaPolla, Miami Univ., Oxford, OH 45056, "Biculture stripcropping: effects on avian diversity and abundance."
- Richard A. Lent, Seatuck Res. Program, Islip, NY and Dept. Ecol. and Evol., SUNY Stony Brook, NY 11790, "Reproductive success and density of Gray Catbirds: Scale effects."
- James D. Lowe and Gregory S. Butcher, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Population dynamics of the Loggerhead Shrike (*Lanius ludovicianus*) in winter (1963–1987)."
- Gail P. Senesac and Gregory S. Butcher, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Reproductive success of Eastern Bluebirds (*Sialia sialis*) in agricultural habitats."
- Diane L. Tessaglia and Erica H. Dunn, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850, "Using Project Feederwatch data to detect seasonal movements and abundance of Pine Siskins (*Carduelis pinus*)."
- F. E. Wasserman and J. Cigliano, Dept. Biology, Boston Univ., Boston, MA 02215, "The interaction between song length and song rate in stimulating female White-throated Sparrows."

ATTENDANCE

- ALABAMA: *Florence*, Thomas M. Haggerty.
- COLORADO: *Fort Collins*, Clait Braun, Gonzalo Castro.
- CONNECTICUT: *Hadlyme*, Jule Zickefosse; *Litchfield*, Gordon Loery; *Lyme*, Ginger Bladen; *New Haven*, Bryon G. Butler, Patricia Noyes, Fred C. and Margaret Sibley; *Storrs*, Winifred B. Burkett, George A. Clark, Jr., Robert Craig; *Willimantic*, Tom Harrington.
- DELAWARE: *Newark*, Roland Roth.
- DISTRICT OF COLUMBIA: *Washington*, Richard C. Banks, Bruce M. Beehler, David G. Blockstein, Peter Cannell, Roger B. Clapp, Russell Greenberg.
- FLORIDA: *Gainesville*, Nancy Dwyer, John A. Smallwood; *Tavernier*, G. Thomas Bancroft.
- GEORGIA: *Athens*, Carol A. Corbat.
- ILLINOIS: *Chicago*, Scott Lanyon; *Macomb*, Ed Franks.
- INDIANA: *Notre Dame*, Doris Watt.
- KANSAS: *Lawrence*, Marion A. Jenkinson; *Manhattan*, John L. and Janice Zimmerman.
- MAINE: *Buckfield*, Patricia Ledlie; *Kennebunk Beach*, June M. Ficker; *Orono*, Tim Jones; *Portland*, Paul Miliotis; *Richmond*, Peter D. Vickery; *South Harpswell*, Charles E. Huntington; *Woodland*, William J. Sheehan.
- MARYLAND: *Cambridge*, Paul R. Spitzer; *Laurel*, F. Michael Erwin, Chandler S. Robbins, Jeffrey A. Spendelow, John Tautin; *Lexington Park*, Ernest J. Willoughby; *Potomac*, Margaret and Merrill Donald; *Takoma Park*, Robert Hilton.
- MASSACHUSETTS: *Amherst*, Paul M. Cavanagh, Laurie MacIvor, David Spector; *Arlington*, Dorothy R. Arvidson, Martha Steele; *Assonet*, Norman P. Hill; *Beverly*, David Rimmer; *Boston*, Leah Schimmel, Fred Wasserman; *Cambridge*, John A. Shetterly; *Centerville*, June A. Chamberlain-Auger; *Chatham*, Blair Nikula; *East Longmeadow*, George C. Kingston; *Foxboro*, Brian E. Cassie, William E. Davis, Jr.; *Franklin*, Debra M. Miller; *Hanover*, Peter Hunt; *Hanson*, Betty Petersen, Wayne R. Petersen; *Manomet*, Jonathon L. Atwood, Jennifer Bamesburger, John M. Hagan, Barbara Hamilton, Tod

- Highsmith, Stephanie Ingersoll, Trevor L. Lloyd-Evans, Wendy Willmot; *Marion*, Richard A. Harlow Jr.; *Medford*, Eric Strauss; *Middleboro*, Kathleen S. Anderson; *Nantucket*, Edith Andrews; *Natick*, Bill Geizentanner, Elissa Landre; *Newton*, Robert M. Kaplan; *Newtonville*, Martha Vaughan; *Norton*, John C. Kricher; *Oak Bluffs*, Robert Culbert; *Stoughton*, Russel C. Titus; *Taunton*, David L. Emerson; *Watertown*, Janet Heywood, Robert Stymeist; *Weston*, David C. Morimoto.
- MICHIGAN: *Grass Lake*, Harold Ratcliff; *Jackson*, Robert A. Whiting; *Pleasant Lake*, Hubert P. Zernickow.
- MINNESOTA: *Mankato*, Merrill J. Frydendall.
- MISSISSIPPI: *Mississippi State*, Bette Jackson, Jerome A. Jackson.
- MISSOURI: *Cape Girardeau*, Richard Stiehl; *Kansas City*, Gayle A. Unruh.
- NEW HAMPSHIRE: *Hanover*, Steve Baird, Shan Burson; *New London*, Ben Steele; *Lebanon*, Peter Stettenheim.
- NEW JERSEY: *Bernardsville*, David Fatina; *Edison*, Robert W. Colburn; *Hopewell*, Hannah B. Suthers; *Mendham*, Susannah K. Graedel; *New Brunswick*, Donald F. Caccamise, Dale Kennedy, Philip Stoufer; *Piscataway*, Douglas White; *Tenafly*, Mr. and Mrs. Dean Amadon; *Tenton*, Mary Doscher.
- NEW YORK: *Brooklyn*, David Klein; *Ellenville*, Mary Collier, Valerie Freer; *Ithaca*, Greg Butcher, Carola Haas, Eric Kindahl, James D. Lowe, Lynn A. Mahaffy, G. Patrice Senesac, Charles R. Smith, Sally Sutcliffe, Diana L. Tessaglia, Charles Walcott; *Islip*, Richard A. Lent; *New York*, Francois Vuilleumier; *Schenectady*, Robert and Anne Yunick; *Utica*, Judy McIntyre.
- NORTH CAROLINA: *Greensboro*, H. T. Hendrickson.
- OHIO: *Columbus*, Brad and Sarah Andres, Sandra L. L. Gaunt; *Delaware*, Edward H. Burt, Jr.; *Doylestown*, Kenneth E. Petit; *Gambier*, Robert Burns; *Kent*, Ralph W. Dexter; *Lakewood*, Nancy and William Klamm; *New Concord*, Danny Ingold, Robin J. Densmore; *Oxford*, Vincent N. La Polla; *Toledo*, Harold and Virginia Mayfield, Elliot J. Tramer.
- PENNSYLVANIA: *Berwick*, Douglas Gross; *Berwyn*, Phillips B. Street; *Lancaster*, James L. Ingold; *Philadelphia*, Alison M. Mostrom; *Pittsburgh*, Kenneth C. Parkes; *University Park*, Margaret Brittingham, Richard Yahner.
- PUERTO RICO: *Rio Piedras*, Joseph M. Wunderle.
- RHODE ISLAND: *Kingston*, Bob Deegan, William DeRagon, William R. Eddleman, Jed S. Mellow; *Providence*, Douglas H. Morse; *Warwick*, Suzanne French.
- SOUTH CAROLINA: *Rock Hill*, Keith Bildstein.
- TEXAS: *Galveston*, Mary H. Clench; *Nacogdoches*, Richard N. Conner.
- UTAH: *Logan*, Tom Gumbart.
- VERMONT: *Dorset*, Betty Gilbert; *Woodstock*, Walter G. Ellison, Sarah B. Laughlin, Nancy Martin, Chris Rimmer.
- VIRGINIA: *Leva*, Shelia E. Frye; *Richmond*, Sue Ridd; *Williamsburg*, Mitchell A. Byrd, Anne R. Wheeley.
- WASHINGTON: *Walla Walla*, Alan P. Peterson.
- WEST VIRGINIA: *Morgantown*, George A. Hall.
- WISCONSIN: *Beloit*, Ken Yasukawa; *Chippawa Falls*, Charles Kemper.
- ONTARIO: *Aurora*, Erica H. Dunn, David Hussell; *Kingston*, Stephen and JoAnn Fleming; *Peterborough*, Erica Nol; *Toronto*, Jon Barlow, Xavier Fazio, Tony Lang, Margaret L. May, Thomas S. Parsons, J. D. Rising.
- NORTHERN MARIANA ISLANDS: *Saipan*, Derek W. Stinson.