

This has been a year of transition with Dr. Jackson receiving perhaps more new manuscripts than I as our authors adjusted to the change in editorship. In the first half year, a deluge of manuscripts arrived in my office, directly, or rerouted through Dr. Jackson. Though this large number of manuscripts initially slowed down the editorial process, we are now beginning to reduce the backlog. A strong response from referees was most helpful in keeping abreast at the onset, however more recently, it has been difficult to locate two evaluators with speed.

We will not have published the last of the manuscripts originally submitted to Dr. Jackson until sometime in 1980. Thus, it is difficult to be certain what our turn-around time is going to be. At present, it appears to be in the order of 16 months for both notes and major papers, from time of first receiving a manuscript. From date of acceptance to publication the lag is about 1 year.

I have appreciated the patience and assistance of both authors and referees in this initial period of adjustment and hope that *The Wilson Bulletin* continues to meet with the satisfaction of members.

Jon C. Barlow, *Editor*

THE WILSON ORNITHOLOGICAL SOCIETY

REPORT OF THE TREASURER

Year Ending 31 December 1978

GENERAL FUNDS

Balance as of last report, 31 December 1977 \$18,463.65

RECEIPTS

Membership Dues

Active for 1978	\$ 5,202.00	
Active for 1979	10,162.00	
Total Active		\$15,364.00
Sustaining for 1978	765.00	
Sustaining for 1979	780.00	
Total Sustaining		1,545.00
Subscriptions to <i>The Wilson Bulletin</i>		
For 1978	2,330.00	
For 1979	3,960.00	
Total Subscriptions		6,290.00
Advance Renewals		320.00
Sales of Back Issues of <i>The Wilson Bulletin</i>		2,461.50
Interest and Dividends on Savings & Investments		
Income from General Endowment Fund	5,416.39	
Income from G. M. Sutton Colorplate Fund	1,970.78	
Income from Paul A. Stewart Fund	1,199.78	
Interest on Endowment Savings Account	730.88	
Total Interest and Dividends		9,317.83
Royalties from Microfilming Back Issues of		
<i>The Wilson Bulletin</i>		252.35

Contributions from Authors and Others	1,543.00
Annual Meeting Excess	1,026.89
Total Receipts	\$38,120.57

DISBURSEMENTS

<i>The Wilson Bulletin</i> (Printing & Engraving)	\$36,361.10
<i>The Wilson Bulletin</i> (Mailing & Maintenance)	6,142.68
Colorplate Processing Expense	3,041.00
Editor's Expense	1,990.21
Secretary's Expense	91.42
Treasurer's Expense	2,049.49
Committee Expense	115.04
President's Expense	29.74
International Council for Bird Protection	30.00
Annual Meeting Expense	674.00
Miscellaneous Expense	38.00
Total Disbursements	\$50,562.68

GENERAL CASH FUNDS

Checking Account	
Balance in Old Kent Bank & Trust Company, Grand Rapids, Michigan, 31 December 1978	\$ 6,021.54

JOSSELYN VAN TYNE MEMORIAL LIBRARY FUND

Balance as of last report, 31 December 1977	\$ 530.58
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RECEIPTS

Sale of Duplicates and Gifts	\$ 1,073.11
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DISBURSEMENTS

Purchase of Books	\$ 1,041.37
Balance in Old Kent Bank and Trust Company, Grand Rapids, Michigan, 31 December 1978	\$ 562.32

LOUIS AGASSIZ FUERTES RESEARCH FUND
MARGARET MORSE NICE FUND
EDWARDS AND W.O.S. PAPER FUNDS

Balance as of last report, 31 December 1977	\$ 1,746.50
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RECEIPTS

Contributions	\$ 622.00
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DISBURSEMENTS

Grant-In-Aid	
To David Raimist	\$100.00
To Alexis Maclean	200.00

To Richard Brewer and Lynda Swander	225.00
To Wayne Weber and John Theberge	125.00
To Susan Hilsenbeck	100.00
Total	\$ 750.00
Balance in Old Kent Bank and Trust Company, Grand Rapids, Michigan, 31 December 1978	\$ 1,618.50

AARON BAGG
STUDENT MEMBERSHIP AWARD FUND

Balance as of last report, 31 December 1977	\$ 154.00
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RECEIPTS

Contributions	\$ 200.00
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DISBURSEMENTS

Student Membership Grants	\$ 180.00
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Balance in Old Kent Bank and Trust Company, Grand Rapids, Michigan, 31 December 1978	\$ 174.00
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ENDOWMENT FUNDS
GENERAL ENDOWMENT FUND

Balance in Endowment Savings Account, Old Kent Bank and Trust Company, Grand Rapids, Michigan, as of last report, 31 December 1977	\$ 22,400.00
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RECEIPTS

Life Membership Payments and Contributions	\$ 3,323.50
Stewart Fund	10,000.00
	\$ 13,323.50

<i>DISBURSEMENTS</i>	\$ 25,270.15
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Balance in Endowment Savings Account, Old Kent Bank and Trust Company, Grand Rapids, Michigan, 31 December 1978	10,453.35
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Investments Held as of 31 December 1978

United States Government Bonds	\$ 4,770.30
Government Guaranteed Bonds	9,800.00
International Bank Bonds	8,808.75
Canadian Provincial Bonds	3,756.25
Corporate Bonds	27,980.00
Convertible Corporate Bonds	1,850.00
Convertible Preferred Stocks	7,432.50
Common Stocks	50,146.75
Uninvested Principal	253.76

Total Investments	\$114,798.31
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Total General Endowment Fund, 31 December 1978	\$125,251.66
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GEORGE MIKSCH SUTTON COLORPLATE FUND

Investments Held as of 31 December 1978

International Bank Bonds	\$ 978.75
Canadian Provincial Bonds	4,356.25
Corporate Bonds	9,112.50
Common Stocks	11,225.00
Total Investments	\$ 25,672.50

PAUL A. STEWART FUND

<i>RECEIPTS</i>	\$ 20,000.00
<i>DISBURSEMENTS</i> to Investing Trustees	20,000.00
Total Combined Wilson Ornithological Society Endowment Funds, 31 December 1978	\$150,924.16

Ernest E. Hoover, *Treasurer*

REPORT OF THE INVESTING TRUSTEES—1978

Again this year the Trustees invested grudgingly and cautiously in view of continuously rising interest rates, preferring to keep some funds available for investment when a more optimistic climate seems nearer.

With income in mind, we made 3 new purchases in 1978:

(1) for the Sutton Colorplate Fund, 200 shares of Duke Power Co. common stock on 14 March at 20 to yield 8.6%,

(2) for the General Endowment Fund, \$10,000 U.S. Government Guaranteed 9¼% ship bonds due 2003 at 104½ to yield 8.8% on 9 May, and

(3) \$10,000 Citicorp floating rate notes, 9% due 1998 to yield just over 9% on 15 November. These AAA bonds bear an interest rate coupon which changes each 6 months dependent upon U.S. Treasury Bill rates at the time, and the rate for the 6 months beginning 1 March will be in the neighborhood of 11 to 11.10%. Such a delightful return, we must caution, is only assured for 6 months and then could be higher or lower, but we will appreciate this increment to our income while it lasts.

There have been several dividend increases since our last report, some small help in trying to keep our income abreast of the inflation rate, a rate which shows little sign of moderating in the near future.

We also received a 100% stock dividend from Owens Corning Fiberglas, increasing our holding to 100 shares.

Expected income from investments in 1979, excluding savings bank interest, should be in the neighborhood of \$8100 in the General Fund (including the Stewart Fund) and \$2175 in the Sutton Colorplate Fund. If we should invest some of the savings account funds later this year, which we will probably do if interest rates climb still more, the estimate for the General Fund would increase somewhat.

Phillips B. Street, *Chairman*

AUDITOR'S REPORT

To: The Wilson Ornithological Society.

We, the undersigned, have examined the Treasurer's records, bank statements, cancelled checks, account books and other financial records of the Society covering transactions occurring during the past fiscal year. The financial status of the Society is substantially as set forth in the Treasurer's report dated 31 December 1978.

Our examination has ascertained that all income has applied to the proper funds and no expenditures have been made except as authorized.

James F. Ponshair, *Member*
George M. Wickstrom, *Member*

REPORT OF THE NOMINATING COMMITTEE—1979

All of the following individuals have been contacted by letter and each has returned a favorable response indicating that they would serve if elected or continue to serve the Society in their current office:

President—George A. Hall
First Vice-President—Abbot S. Gaunt
Second Vice-President—Jerome A. Jackson
Secretary—Curtis S. Adkisson
Treasurer—Ernest E. Hoover
Editor—Jon C. Barlow
Executive Council Member—Richard C. Banks

Sidney A. Gauthreaux, Jr., *Chairman*
Kenneth C. Parkes
Andrew J. Berger

REPORT OF THE MEMBERSHIP COMMITTEE—1978

During the past year a great deal of work has gone forth on compiling the joint membership list of the A.O.U., C.O.S. and W.O.S. Three W.O.S. members, Toby and Sandy Gaunt and Bob Whitmore, have worked on the joint membership list committee. The anticipated list should be functional for next year's mailing.

In response to advertisements placed in *The Auk*, *The Condor* and *The Wilson Bulletin*, 88 requests for membership have been received by the membership chairman, many containing dues payments. I feel advertisements of this nature should be done once each year.

Robert C. Whitmore, *Chairman*

REPORT OF THE STUDENT MEMBERSHIP COMMITTEE—1978

Letters requesting membership nominations of students interested in ornithology and inviting application from exceptional students to be considered for Aaron M. Bagg Student Membership Awards were sent to more than 200 college and university faculties throughout North America. This activity resulted in 22 applications for the Bagg Award; 18 were selected as award recipients. Award recipients will be announced in a forthcoming issue of *The Wilson Bulletin*. About 25 individuals were nominated for membership in the

Society. These nominees received a letter from the Student Membership Committee and also a letter from a group of graduate student members. The latter was designed to present the advantages of membership from the perspective of active student members.

James R. Karr, *Chairman*
 Roland R. Roth
 Stephen M. Russell
 Elliot J. Tramer

REPORT OF THE LIBRARY COMMITTEE—1978

Calendar 1978 saw generally normal operations for the Josselyn Van Tyne Memorial Library, with steady progress and expansion, under the direct supervision of Janet Hinshaw with occasional consultations and collaborations by the rest of our Committee.

Checking, cataloging, and reshelving have taken a great deal of time; as a result, records are constantly being corrected and brought up to date. With the able assistance of Linda Lutz, an inventory of books is being completed and duplicate periodicals are being sorted out for future disposal. Long-standing discrepancies in such matters as exchange lists are given attention as time permits. Storage, not only of our circulation collection of books, periodicals, and separates, but also of duplicates and of "Bulletin" back issues, presents never-ending problems. However, progress, as usual, is being made on keeping things available and in proper order.

In the December 1978 issue of *The Wilson Bulletin* appears a list of the periodicals currently received. Reprints of the list are available; members are urged to refer to it, and to avail themselves of material they need—while, incidentally, noting any gaps in our series they might be able to help fill.

Through 113 "Bulletin" exchanges, we received 144 current journals, newsletters, and reprints. With 40 gifts and complimentary subscriptions, we received a total of 184 items.

Sale of duplicates augmented our New Book Fund by \$243.25. Purchases from this fund brought us 36 new books, journals, and records.

We have 36 donors to thank for 1787 items presented to the Library: 55 books, 598 periodical issues, 20 reports and pamphlets, 1106 reprints, 4 translations, and 1 thesis. The donors were: K. A. Arnold, L. M. Bartlett, A. J. Berger, C. E. Bock, H. Brackbill, P. Brodkorb, G. A. Clark, R. Clement, C. Collins, R. A. Dolbeer, T. Dunstan, J. Gray (Forbush Bird Club), K. W. Haller, J. Jackson, J. Jehl, J. C. Jones, D. W. Johnston, L. Kelso, R. S. Kennedy, R. Kimmel, L & P Press, H. Mayfield, T. R. Miley, H. C. Mueller, J. C. Ogden, S. L. Olson, R. B. Payne, T. D. G. Rich, P. Schlatter (Toledo Naturalists' Association), A. Simon, W. E. Southern, P. Stettenheim, J. G. Strauch, Jr., A. Thoresen, G. Watson (A.O.U. Committee on Foreign Translations), J. D. Webster, L. R. Wolfe, and G. Woolfenden.

As for several years, special note must be taken of the contributions of past president, Andrew J. Berger, whose 784 items (including 623 reprints) made up nearly half of the total received.

During the year, 78 loans were made; these comprised 320 books, journals, reprints, photocopies, and translations.

As always, we express thanks for help, urge members to further cooperate, and invite further use of our growing facilities. We hope our services have been helpful.

William A. Lunk, *Chairman*

REPORT ON THE ICBP-US SECTION MEETINGS—1978

During 1978, the ICBP-US national section approved and began to implement the recommendations of its special committee concerning the future role and priorities of the organization. Generally, these are as follows:

1. The U.S. section will act as a forum for the exchange of information and ideas between the ornithologists and organizations which make up its membership.
2. It will act to identify conservation issues affecting birds in a timely and professional way.
3. It will act to provide liaison between non-governmental and governmental wildlife organizations, with regard to avian conservation.
4. It will act to help insure the quality of environmental programs by issuing policy statements and commenting upon such programs.

In carrying these roles out, ICBP-US is not suited to raise, nor can it readily be organized to raise significant new monies for field research and conservation projects. It is suited to fulfill an overseeing role because of its unusual aggregation of professional ornithologists from scientific and conservation organizations. It is not adequately relating to ICBP-International in its inherent responsibility to identify projects and problems requiring attention or to other conservation organizations needing expertise in ornithological conservation or to scientific organizations that could direct research to such problems. It has not adequately narrowed the geographic limitations of its interest to fulfill its proper place in the ICBP Constellation.

In line with these recommendations, the ICBP-US section is now meeting twice yearly, and is actively concerning itself with conservation issues in the areas outlined above. It has been decided that the section should actively involve itself only with bird conservation problems concerning the U.S., Central and South America; the latter two are included as areas of our concern as U.S. birds winter there. The only exceptions will be when U.S. government or private organizations are directly involved in conservation issues elsewhere in the world. In that case, we might involve ourselves as well.

For instance, in dealing with recommendations from the ICBP World Conference for its national sections, we considered only ones we felt applied to us. Among these were: pesticides in the tropics. AID is no longer recommending the use of pesticides because of U.S. laws but the World Bank is. A world convention is suggested to publicize the problems of pesticides; ICBP-US can get involved through dealing with U.S. companies still selling pesticides.

Darien Gap Highway through Panama.—ICBP-US will contact the Dept. of Agriculture which is already concerned over the possibility of the spread of animal diseases from south of Panama into the U.S.

Restricting wild bird trade.—Our concern will be to get the U.S. to again publish a total list of imports from all 80-odd ports of entry. Presently, each port keeps its own list and it is not published.

ICBP-Int. also has a bird conservation program of specific considerations under several broad criteria. It will be continually worked on and updated. ICBP-US is planning a similar program of specific considerations which also will be continually changing according to need.

Financially, ICBP-Int. has restructured its dues schedule according to the affluence of member countries. The U.S. section will be paying \$1600 annually. In turn, we have had to raise our dues to help cover this rise. Organizational members will pay \$100; we are also trying to expand our categories of non-voting members.

Concerning the special fund covering Ridgely's *Birds of Panama*, there is now enough in it to publish a Spanish edition if a translator can be found.

In order to become more visible as a conservation organization, to give members (especially non-voting ones) a concrete return for their dues and, most importantly, to make a significant contribution to bird conservation literature, the U.S. section is planning to publish a Yearbook of bird conservation. It would summarize bird conservation problems and activities taking place during the preceding year within the U.S. or as a result of U.S. activities abroad.

Dr. Stan Temple of the University of Wisconsin has tentatively made arrangements with the Univ. of Wisconsin Press to publish the yearbook as a 6 by 9 in paperback of 204 pages with black and white photographs, tables and an index. The printing would be done on a "belt press" so that even small additional runs could be made with little extra cost. Thus additional demands in the future can be met with relative ease. The initial printing would be 10,000 copies each selling for \$4.95. The Univ. of Wisconsin Press will finance the publishing of the initial volume and ICBP-US would just have to meet advertising and distributing costs. We would want to advertise it through member organizations such as The Wilson Society. The Univ. of Wisconsin Press would also advertise it through its mailing lists, mostly to libraries, universities and other large institutions and would expect to sell many copies this way. The Yearbook should become an important reference and contribution to ornithological and conservation literature.

H. Lapham, *W.O.S. Representative*

SECOND BUSINESS MEETING

President James called the Second Business Meeting to order at 15:00 on 7 April 1979. Past President P. B. Street summarized the report of the Treasurer, and read the report of the Auditing Committee, both of which were accepted. The Secretary read the list of deceased members that have been brought to Council's attention.

S. A. Gauthreaux read the report of the Nominating Committee, which proposed the following slate of officers: President, George A. Hall; First Vice-President, A. S. Gaunt; Second Vice-President, J. A. Jackson; Secretary, C. S. Adkisson; Treasurer, E. E. Hoover; Elected Council Member, term to expire 1982, R. C. Banks. There being no further nominations from the floor, nominations were closed. The membership directed the secretary to cast a unanimous ballot for the proposed slate.

The following resolutions were read and passed at the second business meeting:

WHEREAS, the Wilson Ornithological Society has held its 60th annual meeting in Omaha, Nebraska, 5 through 8 April 1979, and

WHEREAS, the members have benefited greatly from the efforts of the local committee, chaired by Roger Sharpe, and the facilities of the Howard Johnson Convention Center, therefore

BE IT RESOLVED that the Wilson Ornithological Society extends its sincere appreciation to the Nebraska Ornithologists' Union and the University of Nebraska—Omaha, and to the local committee on arrangements for their contributions toward providing this memorable meeting.

WHEREAS, The Wilson Ornithological Society has returned to Omaha, Nebraska, to hold the 60th Annual Meeting of the Society on 5 to 8 April 1979, and

WHEREAS, both the paper sessions and the symposium on Birds with Restricted Ranges were of great value and inspiration, and

WHEREAS, we wish to recognize the work of the Local Committee on Arrangements for handling the ever increasing details related to overseeing the annual meetings,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society gratefully thanks the Scientific Program Committee, and the Local Committee on Arrangements, especially its chairman, Roger Sharpe, and also Lynne Vacanti for her special extra help which made for a most memorable and enjoyable meeting.

WHEREAS, The Wilson Ornithological Society recognizes those natural resources collectively identified as "nongame" as a major component of our Nation's fauna, and

WHEREAS, the need for detailed research and affirmative management of nongame resources is of paramount concern, and

WHEREAS, pending federal legislation proposing an excise tax on certain outdoor equipment, bird seed, and related materials may incur revenues of \$20 to \$30 million annually expressly for research and management of nongame animals,

THEREFORE BE IT RESOLVED that The Wilson Ornithological Society heartily endorses and supports passage of legislation which will provide funds expressly for research and management of nongame animals.

At the awards ceremony Saturday evening the following awards and prizes were announced:

Margaret Morse Nice Award

Craig T. Perdue, "Habitat component and statistical favorability correlates of American Robin reproductive success"

Louis Agassiz Fuertes Grant

Patricia A. Gowaty, "The evolution of monogamy in Eastern Bluebirds"

Edwards Prize

Glen E. Woolfenden, "Growth and survival of young Florida Scrub Jays" (Wilson Bull. 90:1-18)

Edwards Prize, Second Award

David G. Ainley, Robert C. Wood, and William J. L. Sladen, "Bird life at Cape Crozier, Ross Island" (Wilson Bull. 90:492-510)

Paul A. Stewart Awards

Robert R. Cohen, "Demography and population dynamics of the Tree Swallow in the Rocky Mountains of North-central Colorado"

Christopher J. Herlugson, "Biology of sympatric populations of Western and Mountain bluebirds"

Susan Hannon, "An investigation of territorial behavior in female Willow Ptarmigan and its relation to population regulation"

Bruce H. Pugesek, "Reproductive effort in a long-lived species"

Alexander Wilson Prize

Peter Hicklin, "Feeding ecology of migrant shorebirds in the Bay of Fundy"

REPORT OF THE SECOND VICE-PRESIDENT—1978

For this year's meetings at Omaha, we received 57 abstracts, 25 were from students, for submitted papers. This represents a substantial increase over last year in both student participation and total number of papers.

The large number of submitted papers provides the Program Officer with both advantages and disadvantages. On the one hand, a large number of papers insures that many will deal with similar topics and can be clustered. In some cases it is possible to build mini-symposia. On the other hand, concurrent sessions are necessary.

In addition to the submitted papers, we presented a symposium on "The Biology of Birds with Restricted Ranges." The symposium was co-organized by Jon Barlow and me, and I am extremely grateful to Jon, who generated most of the ideas while I confined myself to paper shuffling.

If we continue to have the response we have had for the last 2 years, the future Program Officers may have to pursue the necessity of rejecting some submitted papers or adopting techniques (such as poster sessions) that will permit us to continue to present large numbers of submitted papers. We also need to consider whether a symposium is necessary at every meeting. The best symposia occur when someone, often other than the Program Officer, has an idea and is willing to do some creative organizing. The Program Officer, of course, can do most of the busy work. In the absence of symposia, we might announce that certain sessions will be designated for certain topics and request papers to be submitted on those topics.

This office has not in the past had a budget. On the basis of my experience this year, I am requesting \$75 for phone and mailing costs for the Program Officer.

In conclusion, the programming problems that we have or can foresee, appear to be those of excessive good health. I am certainly much happier worrying about how to accommodate all the people who wish to talk than I would be trying to determine how to fill sessions.

Abbot S. Gaunt, *Second Vice-President*

PAPERS SESSION

- P. A. Johnsgard, University of Nebraska-Lincoln, *Ornithogeography of the Great Plains*.
 C. E. Braun, Colorado Division of Wildlife, *The American Coot in Colorado*.
 C. Leck, Rutgers, The State University, *Recent additions to the breeding fauna of New Jersey*.
 S. D. Fretwell and R. Birdsell, Kansas State University, *Population declines in the Dickcissel*.
 R. C. Banks, National Fish and Wildlife Laboratory, Washington, D.C., *The size of early Whooping Crane populations*.
 D. E. Busch, U.S. Bureau of Reclamation, *The Bald Eagle and the Bureau of Reclamation in Kansas and Nebraska*.
 W. R. Eddleman, University of Missouri, *Habitat characteristics and management of Swainson's Warbler on the fringe of its range*.
 R. Casey, Rocky Mountain Biological Laboratory, *Energetic relationship between song and flight in sparrows*.
 C. S. Adkisson, Virginia Polytechnic Institute and State University, *Ontogeny of flight calls in juvenile Pine Grosbeaks*.
 R. D. Brown, University of North Carolina-Charlotte, *Vocal responses of the Indigo Bunting (Passerina cyanea) to playbacks of its own song*.
 D. S. Raimist, Glassboro, N.J., *Vocalization patterns of endangered Palauan avifauna*.
 T. Manolis, University of Colorado, *"Ornithological mystery" song, a generic song of Rallus species*.

- R. C. Whitmore, West Virginia University, *Reclaimed surface mines as habitat islands in the eastern forest.*
- James Tate, Jr., Atlantic-Richfield Co., Denver, *Raptor populations and coal mining in Campbell County, Wyoming.*
- P. B. Wackenhut, West Virginia University, *The influence of vegetation structure on nesting success of Horned Larks on surface mines in West Virginia.*
- D. C. Butler, Colorado State University, *Effects of overbrowsing on deciduous bird communities.*
- L. B. McArthur, West Virginia University, *Avian community response to altered vegetation structure.*
- T. Wray, II, West Virginia University, *Effects of vegetation on nesting success of Vesper Sparrows.*
- R. L. Paterson, Virginia Polytechnic Institute and State University, *Distribution of old field birds along a vegetational gradient.*
- F. B. Samson, U.S. Fish and Wildlife Service and University of Missouri-Columbia, *Avian distribution on tall grass prairie relicts.*
- C. R. Preston, University of Arkansas-Fayetteville, *Ecological separation among color morphs of the Red-tailed Hawk (Buteo jamaicensis).*
- B. Maurer, West Virginia University, *Foraging changes by some canopy-feeding birds in two eastern hardwood forests.*
- K. L. Bildstein, Ohio State University, *Weather-dependent hunting of open habitat raptors wintering in south-central Ohio.*
- P. Hicklin, Canadian Wildlife Service, Sackville, N.B., *Feeding ecology of migrant shorebirds in the Bay of Fundy.*
- W. D. Rundle, University of Missouri-Columbia, *Foraging niches of some migrant shorebirds in Missouri.*
- L. B. Best and E. J. Johnson, Iowa State University, *Factors affecting feeding frequency of Gray Catbird nestlings.*
- G. E. Woolfenden, University of South Florida, *Feeding and dominance in the Florida Scrub Jay.*
- M. M. Ninemeier, University of Nebraska-Lincoln, *Early sternal and tracheal development in *Grus canadensis* spp.*
- P. E. Woods, Miami University, *Culmen ratios in a woodpecker guild.*
- H. D. Pratt, Louisiana State University, *Systematics of Hawaiian "creepers."*
- J. T. Paul, Jr., University of Delaware, *Morphological variation in island populations of the House Sparrow (*Passer domesticus*).*
- E. J. Johnson, L. B. Best, and P. A. Heagy, Iowa State University, *Food sampling biases using the "ligature" technique.*
- G. R. Batcheller, Oklahoma Coop. Wildl. Research Unit, Stillwater, *Time budgets of Blue Jays in pecan orchards in central Oklahoma.*
- J. S. Munzinger, Briar Cliff College, Iowa, *Energetics of Black-capped and Carolina chickadees (*Parus atricapillus* and *P. carolinensis*).*
- R. B. Frederick, Iowa State University, *Energetics of fall-migrating Lesser Snow Geese at DeSoto National Wildlife Refuge.*
- R. Packard and J. L. Zimmerman, Grinnell College and Kansas State University, *Biggest is not best in male Dickcissels.*
- P. W. Brown and M. A. Brown, Iowa State University, *White-winged Scoter breeding biology.*
- D. H. White, C. A. Mitchell, and E. Cromartie, U.S. Fish and Wildlife Service, Victoria.

- Texas and Laurel, Maryland, *Breeding success of Roseate Spoonbills in Nueces Bay, Texas, 1978.*
- P. E. Lowther, University of Kansas, *Growth and dispersal of nestling House Sparrows: sexual differences.*
- C. L. Cink, Baker University, *Food availability and dispersal in House Sparrows.*
- H. R. Postovit, North Dakota State University, *A survey of Spotted Owls in Northwest Washington forests.*
- N. L. Ford, St. John's University, *Extraterritorial activities of male Yellow Warblers.*
- S. M. Smith, Adelphi University, *Responses of naive birds to warning coloration.*
- E. P. Mallory, Dartmouth College, *Behavior and ecology of Whimbrels (Numenius phaeopus) wintering on mangrove flats along the Bay of Panama.*
- H. S. Lapham, Laboratory of Ornithology, Ithaca, N.Y., *The Song Sparrow—a distraction display imitative of young.*
- R. M. Zammuto and E. C. Franks, University of Arkansas, *Environmental effects on the roosting behavior of Chimney Swifts.*
- S. F. Elston, Northern Illinois University, *Effects of intraspecific kleptoparasitism on breeding Ring-billed Gulls.*
- B. M. Gottfried, College of St. Catherine, *Anti-predator aggression in birds nesting in old-field habitat.*
- J. H. Rappole, University of Minnesota, *Intra- and intersexual competition in migratory passerine birds during the non-breeding season.*
- K. O. Horner, Hollins College, *Passerine migration patterns and post glacial invasion of the Palaearctic.*
- R. E. Babcock, Bronson, Michigan, *An historical account of the avifauna of Branch County, Michigan, 1830–1910.*

SYMPOSIUM ON THE BIOLOGY OF BIRDS WITH RESTRICTED RANGES

- Jon C. Barlow, Royal Ontario Museum, Introduction.
- M. H. Clench (read by G. E. Woolfenden), Carnegie Museum, Pittsburgh, *Kirtland's Warbler: a relict species.*
- W. M. Pulich, University of Dallas, *The Golden-cheeked Warbler—its restricted range.*
- Jon C. Barlow and R. I. Orenstein, Royal Ontario Museum and University of Michigan, *Evolutionary features of the behavior of Vireo osburni.*
- T. R. Anderson, McKendree College, *The role of competition in limiting the distribution of the European Tree Sparrow in North America.*
- J. A. Jackson, Mississippi State University, *Adaptations for survival in woodpecker species with small ranges.*
- W. D. Gaul, Colorado Division of Wildlife, *The Mountain Plover: coping with a restricted, harsh environment.*
- R. S. Sharpe, University of Nebraska—Omaha, *The Lesser Prairie Chicken: grouse of the Dustbowl.*

The following persons chaired sections of the scientific program: A. S. Gaunt, R. C. Banks, R. D. Brown, J. C. Barlow, R. C. Whitmore, J. L. Tate, Jr., G. E. Woolfenden, H. B. Tordoff, S. Munzinger, H. Lapham, S. Smith, S. A. Gauthreaux.

ATTENDANCE

ALASKA: *Anchorage*, Larry L. Hood.

ARKANSAS: *Fayetteville*, Joan Ballam, Fred Burnside, Douglas A. James, Joe Lockerd, Mercedes C. Mondecarr, Charles R. Preston; *Little Rock*, Robin R. Rhinehart.

- COLORADO: *Boulder*, Richard M. Casey, Jeanne Conroy, Alex Cruz, Timothy Manolis; *Fort Collins*, Clait E. Braun, D. C. Butler, Dale Hein, Edward Hollowed, Richard Pillmore; *Golden*, James Tate; *Northglen*, Walter D. Graul.
- DELAWARE: *Newark*, J. T. Paul, Jr.
- FLORIDA: *Panama City*, Jim Kent; *Tampa*, Glen E. Woolfenden.
- ILLINOIS: *Blue Island*, Karl E. Bartel; *Dekalb*, Sue F. Elston, Lise A. Hanners, Fred Heinz, Stephen Patton, Linda K. Southern, William Southern; *Lebanon*, Ted Anderson; *Rockford*, Norine E. Mahlburg; *Springfield*, Vernon M. Kleen.
- IOWA: *Ames*, Gary Bernard, Kathleen D. Best, Louis B. Best, Diane E. Boellstorff, James J. Dinsmore, Bob Fredrick, Patricia A. Heagy, Barbara J. Hill, Nicholas L. Rodenhouse; *Clarinda*, Daniel Varland; *Davenport*, Peter C. Petersen; *Des Moines*, Dean M. Roosa; *Harlan*, Russell D. Field; *Hastings*, Barbara Wilson; *Jamaica*, Gene Burns, Marilyn A. Burns; *Kelley*, Ellen Johnson; *Malvern*, Ross Silcock; *Mo Valley*, Andrew Peters; *Sioux City*, Stephen J. Munzinger; *Whiting*, Robert R. Dolan.
- KANSAS: *Admire*, Mrs. E. F. Schulenberg; *Baldwin*, Calvin L. Cink; *Emporia*, Allen A. Tubbs; *Hays*, Charles Ely, Arthur Nonhof; *Lawrence*, Rosetta D. Arrigo, John E. Bucher, Robert Fleischer, P. E. Lowther, W. Bruce McGillivray, Marian Mengel, Robert Mengel; *Manhattan*, Elmer J. Finck, Frank Shipley, John Zimmerman; *Winfield*, Max C. Thompson.
- LOUISIANA: *Baton Rouge*, James W. Eley, H. Douglas Pratt, Mark Robbins, Dan Tallman, Morris D. Williams.
- MICHIGAN: *Ann Arbor*, Janet Hinshaw, Stephen H. Hinshaw; *Bronson*, Ralph Babcock; *Jackson*, Robert A. Whiting; *Pontiac*, Daniel McGeen.
- MINNESOTA: *Afton*, Don Beimborn, Mary Beimborn; *Collegeville*, Norman L. Ford; *Cottage Grove*, Brad Gottfried; *Duluth*, JoAnn Hanowski, P. B. Hofslund, Scott Lounsbury, Gerald Niemi; *Minneapolis*, Susan Doehlert, Monica Herzig-Zurcher, H. B. Tor-doff; *St. Paul*, Elizabeth B. Rappole.
- MISSISSIPPI: *Mississippi State*, Jerome A. Jackson.
- MISSOURI: *Columbia*, Patrick W. Brown, W. R. Eddleman, W. E. Rundle, Fred B. Samson, Sue Samson; *Maryville*, David A. Easterla; *Poxico*, Leigh H. Fredrickson.
- MONTANA: *Bozeman*, Clifford Davis.
- NEBRASKA: *Albion*, Wayne J. Mollhoff; *Bellevue*, Ruth C. Green; *Blair*, George Grube; *Cairo*, Bill Lemburg; *Grand Island*, Vera V. Coons; *Lincoln*, Sharon D. Clawson, Harvey Gunderson, Paul A. Johnsgard, Martha C. Richardson, Sarah Richardson; *McCook*, David E. Busch; *Norfolk*, Jane Dunlap, Tom Gannon, Phyllis Walker; *Omaha*, R. C. Cortelton, William A. Degraw, Bill Gidley, Raymond Goldstein, Mary C. Harberg, Clyde F. Johnson, Emma D. Johnson, Ralph Kreiger, Marian Meier, Roger Sharpe, Warren Snell, Judith A. Stribley, Mary M. Tremaine, Lynne Vacanti, John J. Weber, Gary Willson; *Wayne*, Ed. M. Brogie; *Wisner*, Willetta Lueshen.
- NEW HAMPSHIRE: *Hanover*, Elizabeth P. Mallory.
- NEW JERSEY: *Glassboro*, David Raimist; *Kendall Park*, Charles F. Leck.
- NEW MEXICO: *Las Cruces*, Julie K. Meents.
- NEW YORK: *Dryden*, Donald McCrimmon; *Hempstead*, Susan Smith Stiles; *Ithaca*, Charles R. Smith; *Lansing*, Helen S. Lapham.
- NORTH CAROLINA: *Harrisburg*, Richard D. Brown.
- NORTH DAKOTA: *Bismark*, William A. Buresh, Mrs. William A. Buresh; *Fargo*, Howard R. Postovit.
- OHIO: *Columbus*, Abbot S. Gaunt; *Gambier*, Robert D. Burns; *Lakewood*, William A. Klamm; *Oxford*, Paul Woods; *Toledo*, John M. McCormick.

OKLAHOMA: *Stillwater*, Gordon R. Batchelder.

PENNSYLVANIA: *Berwick*, Theodore V. Jacobsen; *Chester Springs*, Phillips Street; *Pittsburg*, James M. Loughlin; *Washington*, Richard Adams, Roy Ickes.

SOUTH CAROLINA: *Chester*, Marjorie Stone; *Rock Hill*, Keith L. Bildstein; *Seneca*, Sidney Gauthreaux.

SOUTH DAKOTA: *Rapid City*, Florence I. Baylor, L. M. Baylor, Nathaniel Whitney, Mrs. Nathaniel Whitney; *Vermillion*, J. B. Harrell.

TENNESSEE: *Martin*, Marian Pitts; *Maryville*, Ralph J. Zaenglein.

TEXAS: *Irving*, Warren Pulich; *Lubbock*, Eric G. Bolen; *Victoria*, Christine A. Mitchell, Donald H. White.

UTAH: *Hyrum*, Kimberley G. Smith.

VIRGINIA: *Alexandria*, Richard C. Banks; *Blacksburg*, Curtis S. Adkisson, Robert L. Paterson; *Williamsburg*, Ruth A. Beck, Mitchell A. Byrd.

WEST VIRGINIA: *Morgantown*, George Hall, Brian Maurer, Laurence B. McArthur, Paul B. Wackenhut, Robert C. Whitmore, Thomas Wray.

WISCONSIN: *Milwaukee*, Daniel Berger, Kenneth O. Horner, James L. Ingold.

NEW BRUNSWICK: *Sackville*, P. W. Hicklin.

ONTARIO: *Toronto*, Jon C. Barlow, Margaret May.

SASKATCHEWAN: *Saskatoon*, William J. Maher.

ADDRESS NOT PROVIDED: Bill Clark, Marian Doyle, Dale Herrman, Mark Parts, Herbert Hodges, Mark Pfeffer, Jeff Short.

Erratum.—Back cover, Contents, General Notes of June 1979 (Vol. 91, No. 2) add “Interspecific use of Sandhill Crane nests” by Carroll D. Littlefield, p. 323.

This issue of *The Wilson Bulletin* was published on 16 October 1979.