# PROCEEDINGS OF THE FIFTY-SECOND ANNUAL MEETING

## JEFF SWINEBROAD, SECRETARY

The Fifty-second Annual Meeting of the Wilson Ornithological Society was held 22–25 April 1971 on Dauphin Island, Alabama. The Sponsor was the Alabama Ornithological Society.

The meeting started on Friday with a welcome by Dr. Wilson Gaillard, Chairman of the Local Committee on Arrangements, and a response by William W. H. Gunn, President of the Wilson Ornithological Society.

Papers sessions were held Friday and Saturday. On Saturday, there was a special symposium, Bird Migration in the Region of the Gulf of Mexico, arranged by Kenneth C. Parkes and chaired by George H. Lowery, Jr.

Thursday evening there was a reception in old Fort Gaines on Dauphin Island. A seafood fry was held Friday evening and the Annual Banquet was on Saturday evening. On early Friday and Saturday morning short field trips were conducted to local areas. On Sunday longer field trips were conducted to various areas in the region.

The recipients of prizes were announced at the Annual Banquet as follows:

Fuertes Award (for pre-doctoral research): Flash Gibson, Oregon State University—A behavioral-energetic study of the American Avocet.

Nice Award (for research by a non-professional): T. A. Beckett, III, Charleston, South Carolina: The Red-cockaded Woodpecker in South Carolina.

Edwards Prize (for best paper in the Wilson Bulletin previous year):

First Prize: William J. Maher—The Pomerine Jaeger as a Brown Lemming predator in northern Alaska.

Second Prize: John P. Ryder—A possible factor in the evolution of clutch size in Ross' Goose.

Wilson Prize (for best paper by a student or non-professional presented at the Annual Meeting): Kenneth P. Able—The flight directions of autumn nocturnal migrants on the Louisiana Gulf Coast.

### FIRST BUSINESS MEETING

The first business meeting, held Friday morning, was presided over by President Gunn. The minutes of the previous business meetings as included in the Proceedings of the Fifty-first Annual Meeting in the Bulletin were approved as published.

The President appointed the following temporary Committees:

Resolutions: Harold F. Mayfield (Chairman), John T. Emlen, Jr., Lawrence H. Walkinshaw.

Wilson Prize: Helmut C. Mueller (Chairman), Robert D. Burns.

Auditing: C. Chandler Ross (previously appointed).

The President announced those previously appointed to the Nominating Committee were: Phillips B. Street (Chairman), C. Chandler Ross, and O. S. Pettingill, Jr.

The Secretary reported on the highlights of the meeting of the Executive Council of the Society.

(1) The Council received and approved reports of the Secretary, Treasurer, Editor, Program Chairman (Second Vice President), Trustees Committee, Research Committee, Membership Committee (First Vice President), Student Membership Committee, and

Endowment Committee. There was no report from the Library Committee or the Conservation Committee at this time.

- (2) The Council accepted the recommendations of the Research Committee for the recipients of the Fuertes and Nice Awards as indicated in the beginning of these Proceedings, and from the Edwards Prize Committee for the recipients of those prizes as similarly indicated. The Edwards Prize Committee was: Douglas A. Lancaster, Kenneth C. Parkes, and George A. Hall.
  - (3) George A. Hall was unanimously re-elected Editor of the Wilson Bulletin.
- (4) The Membership Committee reported 97 new members and 95 new life members. The latter increase was largely due to the work of the late Aaron Bagg in conjunction with personal letters to the members from President Gunn.
- (5) The Council accepted an invitation from the Delaware Valley Ornithological Club to hold the 1972 meeting, 15-18 June in Cape May, New Jersey.

The Treasurer summarized his report which is included here for the record.

## Report of the Treasurer for 1970

### GENERAL FUND

Balance as shown by last report 31 December 1969	\$5,322.21
RECEIPTS	
Membership Dues	
Active for 1970	
Active for 1971 4,367.00	
Total Active	325.18
Sustaining for 1970 840.00	
Sustaining for 1971 195.00	
e ,	035.00
Subscriptions to The Wilson Bulletin	
For 1970	
For 1971	
· · · · · · · · · · · · · · · · · · ·	395.25
	102.73
,	508.83
Royalties from microfilming back issues of The Wilson Bulletin.	74.25
Total Receipts	341.24
DISBURSEMENTS	
The Wilson Bulletin (Printing & Engraving) 13,349.05	
Less contributions from authors	
	585.05
The Wilson Bulletin (Mailing & Service)	594.62
Editor's Expense	155.25
Secretary's Expense	30.71
	763.17
	29.30
Annual Meeting Expense	23 65
	323.65 814.49
Committee Expense	323.65 314.42 318.02

Transfer to Research and Paper Awards	489.05				
GENERAL CASH FUND					
Checking Account	431.49				
JOSSELYN VAN TYNE MEMORIAL LIBRARY BOOK FUND					
Balance as shown by last report 31 December 1969	128.15				
Sale of duplicates and gifts	$\frac{85.50}{213.65}$				
Purchase of Books	42.42				
Balance in National City Bank, Cleveland, Ohio 31 December 1970 \$	171.23				
LOUIS AGASSIZ FUERTES RESEARCH FUND, MARGARET MORSE NICE FUND, AND ANNUAL MEETING PAPER AWARD					
Balance as shown by last report dated 31 December 1969	103.00				
RECEIPTS Contributions	263.00				
	238.00				
Total	604.00				
Award to Thomas C. Dunstan					
Award to Ronald M. Case					
Award to Louis H. Kermott, III					
Award to Alan F. Posey					
Total	500.00				
Balance in National City Bank, Cleveland, Ohio, 31 December 1970 \$	104.00				
SPECIAL FUND ACCOUNTS					
	105.00				
	149.50				
Prepaid Student Dues					
Discount due Agencies					
Non-endowment receipts					
<u> </u>	254.50				
DISBURSEMENTS	55.00				
Balance in National City Bank, Cleveland, Ohio, 31 December 1970	199.50				

#### ENDOWMENT FUND

Balance in Endowment Fund Savings A as shown by last report dated 31 E		1969 .		 \$5,037.00
Life Membership Payments				 6.615.50
Patronship Payments				
Total Receipts				
DISBURSEMENTS				
Balance in Endowment Fund Saving Ac				<del></del>
National City Bank, Cleveland, Ohio		ember 19	70	 \$12,252.50
Securities Owned (listed at closing price	,			• , •
United States Government bonds .				 9,946.87
Canadian Provincial bonds				4,000.00
Corporate bonds				
Convertible corporate bonds				
Convertible preferred stocks				
Common stocks				
Investment trusts				
				\$69,524.82
Total Endowment Fund 31 December 1	1970			 \$81,777.32

In addition to the annual financial report, other activities of the Treasurer can be condensed in the matters that follow.

The membership list was prepared in June for publication intended for the September Wilson Bulletin which did not materialize. The list was updated for the December issue.

Because of the Tax Reform Act, it was necessary for the Treasurer to file Form 4653, Notification Concerning Foundation Status, with the Internal Revenue Service. Notice was received, thereafter, that the Society is classified as an organization that is not a private foundation as defined in section 509(a) of the Internal Revenue code.

Returns for Organizations Exempt from Income Tax have also been revised for those filing under Sec. 501(c)(3) and these are being studied so returns can be filed by the May 15 deadline.

An expansion of the accounting methods was introduced so that a better perspective between calendar year results and the operational year performance can be seen. The new billing system from Allen Press went into effect which can create some difficulties in keeping good continuity with the accounts as now established.

The Endowment Fund and the Student Membership drives were productive and added additional loads in the way of acknowledgments to each person responding. Also delinquent members and subscribers accounted for approximately 500 additional mailings as second notices and billings.

## Operational Income for 1971

Income for 1971 from:	
Active membership	\$ 9,842.00
Sustaining membership	705.00
Subscriptions	4,493.47
Total Actual Receipts	\$15,040.47

Projected dividends and interest	3,600.00
Miscellaneous income	550.00
Total Expectation	\$19,190.47

Respectfully submitted
WILLIAM A. KLAMM, Treasurer

Also, for the record, here are summaries of other reports presented at the Council Meeting:

Student Membership—The Committee received 81 nominations for Student Memberships. These have been followed up with invitations to join the Society. Names of interested high school students have been solicited (Dr. Douglas James is on sabbatical, in his absence Jerome Wenger prepared the Committee report).

Editor's Report (George A. Hall)—Volume 82 (1970) consisted of 486 pages and included 36 papers, 44 notes, 18 book reviews, and the index. The Membership List was issued as a separate. As of this meeting there is no backlog. Papers appearing in the June issue will have been on hand from 8-15 months, while papers in the September issue will have had a 5-16 month publication delay. As usual the members of the Editorial Board have been outstanding in their help, which is hereby acknowledged. Many other ornithologists reviewed papers and without exception they performed a good and rapid job.

Secretary's Report—The volume of correspondence outside that of the business matters of the Society was low indicating a quiet year. The new scheme for meeting arrangements proceeded well. The Second-Vice President, Kenneth C. Parkes, arranged the papers session and the Local Committee made final additions and printed the program. The Secretary served as liaison and central clearing house to both.

The President made a special report on the results of the questionnaire circulated to the members of the Society. So far over 600 responses have been received indicating the great vitality of the Society. Many volunteered to serve on the various committees of the Society; for example, 231 on the Conservation Committee alone, 261 on the Council. About 50 per cent of those responding recommended the Society increase its efforts in the area of environmental problems and several mentioned particularly the problems of rare and endangered species. About 50 per cent of those responding, either by lack of comment or positive statement recommended no changes in the Society.

The Auditing Committee's report was presented to those in attendance at the business meeting as follows: I have verified the 1970 Annual Report of the Treasurer of the Wilson Ornithological Society with the books and am satisfied that it accurately represents the very excellent condition of the financial affairs of the Society. William A. Klamm is to be congratulated on the way he is fulfilling the position of the Treasurer—C. Chandler Ross, Auditor. The report was accepted by the members present.

### SECOND BUSINESS MEETING

President Gunn presided over the second business meeting Saturday afternoon. Harold Mayfield read the following resolution:

WHEREAS the Wilson Ornithological Society was in its Fifty-second Annual Meeting at Dauphin Island, Alabama,

THEREFORE BE IT RESOLVED that the Society express its warmest appreciation for the gracious hospitality of the Alabama Ornithological Society and particularly the members of the Local Committee on Arrangements who made the meeting possible by providing for papers sessions, lodgings, and field trips in this beautiful and historic part of the South.

The resolutions were approved without a dissenting vote by members in attendance at the meeting.

The proposed new members of the Wilson Society as posted were elected unanimously. The report of the Nominating Committee was presented by Phillips B. Street: President, Pershing B. Hofslund; First Vice President, Kenneth C. Parkes; Second Vice President, Andrew J. Berger; Secretary, James Tate, Jr.; Treasurer, William A. Klamm; Elected Member of the Council, Robert D. Burns.

The slate was elected and the Secretary was directed to cast a unanimous ballot. There being no further business the meeting was adjourned.

#### PAPERS SESSIONS

- Richeboug G. McWilliams, University of South Alabama, An Introduction to Dauphin Island.
- Marjory Bartlett Sanger, Winter Park, Florida, William Bartram in Alabama. The First American Ornithologist Visits Mobile Bay.
- John P. Hubbard, Delaware Museum of Natural History, Events of the Tertiary Period and the Avifauna of the Lower Southeastern States.
- Henry M. Stevenson, Florida State University, The Recent History of Bachman's Warbler. Susan C. White, University of South Florida, Nesting Success in a Florida Population of the Eastern Bluebird.
- Stephen G. Martin, Colorado State University, Adaptive Solutions to Potential Reproductive Miscarries in Polygynous Bobolinks.
- Roger J. Lederer, University of Illinois, Feeding Behavior and Ecology of Some Tyrannid Species.
- Darrel Bateman, Macon Junior College, and Julian L. Dusi, Auburn University, Movements of Cattle Egrets and White Ibises in Relation to the Nesting Colony.
- Emil K. Urban, University of Miami and Haile Selassie I University, Breeding Attempts and Success of Threskiornis aethiopica at Lake Shala, Ethiopia.
- Oscar T. Owre, University of Miami, Observations on the Aquatic Avifauna of Lake Rudolf, Kenya.
- James A. Kushlan, University of Miami, Bird Predation and the Ecology of an Alligator
- Julian L. Dusi and Rosemary T. Dusi, Auburn University, Age and Sex Determination in the Cattle Egret.
- Robert B. Hamilton, Northwestern State University of Iowa, Sexual Dimorphism of the North American Recurvirostridae.
- Lawrence H. Walkinshaw, Lake Wales, Florida, A Twelve-year Study of Nesting Sandhill Cranes on the Phyllis Haehnle Memorial Sanctuary.
- Harvey I. Fisher, Southern Illinois University, Pesticides in North Pacific Albatrosses. Sheila Conant, University of Oklahoma, The Vocal Repertoire of Captive Hand-raised Blue Jays.
- Vivian Telford Anderson, Utah State University, The "Critical Period" for Song Learning in the Black-capped Chickadee.

Symposium: Bird Migration in the Region of the Gulf of Mexico, George H. Lowery, Jr., Presiding.

- George H. Lowery, Jr., Louisiana State University, Introduction to the Symposium.
- Robert J. Newman and George H. Lowery, Jr., Louisiana State University, The Intradiel Timing of the Spring Passage of Birds over the Coasts of Honduras and the Yucatan Peninsula.
- Henry M. Stevenson, Florida State University, Occurrence of Migrants on Islands off Apalachicola, Florida, during Good Flying Weather.
- Sidney A. Gauthreaux, Jr., Clemson University, Behavioral Responses of Migrating Birds to Daylight and Darkness on the Northern Coast of the Gulf of Mexico in Southern Louisiana.
- James J. Hebrard, Clemson University, Nightly Departures from the Louisiana Coast.William B. Robertson, Jr. and John C. Ogden, Everglades National Park, Migration Patterns in Southern Florida, the Keys and the West Indies.
- Robert W. Dickerman, Cornell University Medical College, and Allan R. Phillips, Universidad Nacional Autonoma de Mexico, Migration Patterns along the Caribbean Slope of Mexico.
- Kenneth P. Able, University of Georgia, The Flight Directions of Autumn Nocturnal Migrants on the Louisiana Gulf Coast.
- William H. Buskirk, University of California at Davis, The Autumnal Arrival of Transgulf Migrants in Yucatan.
- George H. Lowery, Jr., Summary of the Symposium.
- W. John Richardson, Cornell University, Patterns of Autumn Migration in Southeastern Canada: A Radar Study.
- Helmut C. Mueller, University of North Carolina, Diurnal Movements of Nocturnal Migrants.
- Edwin O. Willis, Oberlin College, Disappearances of Certain Ant-following and Other Birds from Barro Colorado Island, a Tropical Reserve.
- Yoshika Oniki Willis, Oberlin College, The Slaty Antshrike, A Successful Bird of Barro Colorado Island.
- Alexander Cruz, University of Florida, Ecological Relationships of Pigeons and Doves (Columbidae) of Jamaica.
- Harold F. Mayfield, Waterville, Ohio, Birds Taken by Indians at the Western End of Lake Erie before the White Man.
- Michael W. Roberts, James E. Wright, and Jerome A. Jackson, Mississippi State University, Food Habits of the Marsh Hawk in East-central Mississippi.
- Roger L. Kroodsma, Union University, Species-recognition Behavior of Territorial Male Rose-breasted and Black-headed Grosbeaks.
- Alison R. Carleton, University of Miami, Studies on a Population of the Red-whiskered Bulbul, Pycnonotus jocosus (Linneaus), in Dade County, Florida.
- Jerome A. Jackson, Mississippi State University, A Comparison of Some Aspects of the Breeding Biology of Red-bellied and Red-headed Woodpeckers.

## ATTENDANCE

One hundred ninety seven members and guests were registered. Thirty six states, one Canadian province, the Bahamas, and Portugal were represented.

From ALABAMA: 47—Auburn, Julian L. Dusi, Rosemary Dusi, Robert J. Waters;

Birmingham, Gussie Arnett, Mrs. Worth Arnett, J. Russell Bailey, Jr., Naomi Barks, Andrew K. Bates, Raymond D. Bates, Walter F. Coxe, Dan C. Holliman, Thomas A. Imhof, Helen Kittinger, Wilma J. Lindberg, Mrs. W. H. Persons, Mr. and Mrs. Robert R. Reid, Jr., Gretchen M. Schmalz, Mrs. D. O. Wright; Dauphin Island, Mrs. Henry K. Toenes; Fairhope, Mrs. Thomas R. Horne; Gadsden, Blanche E. Dean; Marion, Mr. and Mrs. Argyle; Mobile, Ernest Cleverdon, Marion Cleverdon, Ben B. Coffey, Jr., Lula C. Coffey, J. L. Dorn, Mary A. Gaillard, Wilson Gaillard, Arthur Garrett, Nancy N. Garrett, Mrs. Sybil Hanks, Margaret Miller, Alwilda Mitchell, Louise L. McKinstry, William Tonsmeire; Montevallo, E. B. Bledge; Montgomery, Jim Keller, Mr. and Mrs. Cecil Loftin; Theodore, Mrs. Iness C. Brande; Tuscaloosa, James C. Thompson, Faith Traylor, Tim Traylor.

From ARIZONA: 3—El Dorado, Mrs. W. Milton Brown; Scottsdale, Betty Carnes, Herbert Carnes.

From ARKANSAS: 6—Arkadelphia, Helen Parker, Max Parker; El Dorado, H. H. Shugart, K. L. Shugart; Pine Bluff, Thomas Fote, Jane E. Stern.

From COLORADO: 2-Fort Collins, Peter Hall, Stephen Martin.

From CONNECTICUT: 1-Sharon, John M. Anderson.

From DELAWARE: 1-Newark, John P. Hubbard.

From DISTRICT OF COLUMBIA: 3-W. Todd Furniss, Mr. and Mrs. Edwin T. Mc-Knight.

From FLORIDA: 24—Fort Lauderdale, Marie Evadne Thompson; Fort Walton Beach, Dot Bates, Howard Bates; Gainesville, Kenneth Campbell, Alexander Cruz, Gilbert Crosby; Homestead, John C. Ogden, William B. Robertson; Jacksonville, Noel C. Wamer; Lake Wales, L. H. Walkinshaw; Miami, Alison R. Carleton, James A. Kushlan, Marilyn Kushlan, Oscar T. Owre, Emil K. Urban; Panama City, Lila Crew; Pinellas Park, Carrie F. David; Tallahassee, W. Wilson Baker, Robert L. Crawford, H. M. Stevenson; Tampa, Ralph W. Schreiber, Susan C. White; Winter Park, Marjory Bartlett Sanger; Zephyrhills, Perna M. Stine.

From GEORGIA: 6—Athens, Kenneth P. Able; Atlanta, Robert Manns, Richard S. Parks; Columbus, Dr. and Mrs. Berenson; Macon, Darrel L. Bateman.

From HAWAII: 1-Honolulu, Andrew J. Berger.

From ILLINOIS: 8—Blue Island, Karl E. Bartel; Carbondale, Harvey Fisher, Mildred Fisher; Momence, Mr. and Mrs. William T. Lory; Rantoul, Roger J. Lederer; Urbana, Brian W. Cain; Villa Park, Paul Schulze.

From INDIANA: 5—Indianapolis, Henry C. West, Wilma J. West; Richmond, Janet Snow, Mabelle Snow; West Terre Haute, Mrs. James H. Nason.

From IOWA: 2-Cedar Rapids, Dr. and Mrs. Robert Vane.

From KANSAS: 2-Topeka, Orville O. Rice; Valley Center, Robert C. Beason.

From KENTUCKY: 6—Anchorage, Dr. and Mrs. Burt L. Monroe, Jr.; Louisville, Mr. and Mrs. Leonard C. Brecher, Anne Stamm, Frederick Stamm.

From LOUISIANA: 17—Alexandria, Mr. and Mrs. Skivett Stuart; Baton Rouge, Dr. and Mrs. George H. Lowery, Robert J. Newman, Marcella Newman, Doug Pratt; Bogalusa, Mr. and Mrs. Raiford L. Hommes; Lafayette, Grace Eyster, Marshall B. Eyster; Natchitoches, Robert B. Hamilton; New Orleans, Consuela Bongiorno, Salvatore Bongiorno, Donald Norman, Dallas Ward; Shreveport, Horace H. Jeter.

From MARYLAND: 5-Columbia, Larry L. Hood; Ellicott City, Ted Van Velzen;

- Frostburg, Mrs. Gordon C. Taylor; Gaithersburg, Jeff Swinebroad; Towson, Mrs. R. D. Cole.
- From MASSACHUSETTS: 1-Manomet, Kathleen S. Anderson.
- From MICHIGAN: 6—Bloomfield Hills, Alice Kelley, Neil Kelley; Kalamazoo, Helen E. Burrell; Lansing, George Divoky; Mt. Pleasant, Hal Mahan; Okemos, Bertram C. Murray, Jr.
- From MISSISSIPPI: 17—Gulfport, Mr. and Mrs. Hal C. Cleveland, Bedford F. Flord, Ethel Flord; Jackson, Christine Berry, Mary J. Berry, Mrs. Arnold Ritchie, William H. Tucotte; Natchez, Mr. and Mrs. Orrick Metcalfe; Oxford, Marvin Davis, Starkville, Gordon Williams, Mike Roberts, James E. Wright; State College, Elsie Croft, Jerome Jackson, Christina Lusk.
- From MISSOURI: 2-Puxico, Leigh H. Frederickson, George W. Hartman.
- From NEW JERSEY: 5—Cape May Point, Ernest E. Choate; Hightstown, Dr. and Mrs. William E. Parker; Tenafly, Dr. and Mrs. Dean Amadon.
- From NEW YORK: 8—Dryden, James W. Grier; Irvington, Mary LeCroy; Ithaca, W. John Richardson, James Tate, Jr.; Mamaroneck, Robert Arbib; New York, Robert W. Dickerman; Rochester, Allan Klonick, Sandy Klonick.
- From NORTH CAROLINA: 1-Chapel Hill, Helmut C. Mueller.
- From OHIO: 14—Ashtabula, Howard E. Blakeslee; Bowling Green, Elden W. Martin; Columbus, Charles B. Wheeler; Dayton, Elspeth F. McCallum; East Liverpool, Mr. and Mrs. John T. Laitsch; Gambier, Robert D. Burns; Holland, John McCormick; Lakewood, Nancy R. Klamm, William A. Klamm; Oberlin, Edwin O. Willis, Yoshika O. Willis; Waterville, Harold Mayfield, Virginia Mayfield.
- From OKLAHOMA: 1-Norman, Sheila Conant.
- From PENNSYLVANIA: 6—Ambler, Albert J. Williams; Chester Springs, Mr. and Mrs. Phillips B. Street; Philadelphia, C. Chandler Ross; Pittsburgh, Kenneth C. Parkes; West Chester, Frank B. Moody.
- From SOUTH CAROLINA: 9—Charleston, Dennis M. Forsythe; Chester, Mrs. Walker Atkinson, Mrs. Mabel M. Carter, Mrs. Catherine T. Moore, Mrs. W. S. Robinson, Mrs. W. C. Stone; Clemson, Sidney Gauthreaux, Jr., James J. Hebrard, Georgeann Schmalz.
- From SOUTH DAKOTA: 2-Rapid City, Gertrude Bachmann, Violet L. Brodsky.
- From TENNESSEE: 6—Bolivar, P. Bollman; Jackson, Roger L. Kroodsma; Maryville, Ralph J. Zaenglein; Memphis, Wendell L. Whittemore; Nashville, Mike Bierly, Mrs. Katherine A. Goodpasture.
- From TEXAS: 2-Fort Worth, Olan W. Dillon; San Antonio, Charles R. Bender.
- From UTAH: 1—Logan, Vivian T. Anderson.
- From VIRGINIA: 6—Arlington, Lawrence V. Compton; Manassas, Roxie C. Laybourne; Williamsburg, Mr. and Mrs. Paul S. Baker, Mitchell A. Byrd, Robert S. Kennedy.
- From WEST VIRGINIA: 3—Inwood, Clark Miller; Morgantown, George A. Hall, Tanya Hall.
- From WISCONSIN: 5—Madison, George Allez, John T. Emlen, Virginia M. Emlen; Milwaukee, Daniel D. Berger; Viroqua, Margarette E. Morse.
- From BAHAMAS: 1-Andros, Andrew Paterson.
- From ONTARIO: 6—Hamilton, Eric W. Bastin; Toronto, Rosemary Gaymer, Christopher Gunn, William W. H. Gunn; Sudbury, Millicent Lowe, Ross Lowe.
- From PORTUGAL; Ernest Chenery.
- Address Unknown: Gairly Chandler, Dr. and Mrs. D. A. McDonald.