The Thirty-fourth Annual Meeting of the Wilson Ornithological Club was held at the University of Michigan Biological Station on Douglas Lake, near Cheboygan, Michigan, from Sunday, June 14, to Wednesday, June 17, 1953. It was sponsored by the University of Michigan and the Michigan Audubon Society.

There were four sessions devoted to papers, three evenings of motion pictures, and two business meetings. A meeting of the Executive Council was held on Sunday evening, June 14, and a motion picture, “South to Siesta Land,” by Fran William Hall, was shown at the same time, followed by two of the Walt Disney True-Life Adventure Series. The Annual Dinner was held on Monday evening, with First Vice-President Burt L. Monroe delivering the address in the absence of President Breckenridge. Olin Sewall Pettingill, Jr., showed his new film, “Tip o’ the Mitten,” based upon summer studies at the Biological Station, and it was followed by a film on the life-history of the Bob-white Quail, by Charles W. Schwartz. On Tuesday evening, the staff of the Biological Station and the officers and members of the Michigan Audubon Society were hosts at an informal reception, following the motion picture session.

Early-morning field trips were held on Tuesday morning to nearby Reese’s Bog and to Kirtland’s Warbler country south of Onaway. All day field trips were held on Wednesday (1) to Kirtland’s Warbler country, (2) to Wilderness State Park, and (3) to the Upper Peninsula.

**FIRST BUSINESS SESSION**

Vice-President Monroe called to order the first general meeting at 9:30 a.m., Monday, June 15. Dr. Alfred H. Stockard, Director of the University of Michigan Biological Station, welcomed the Club to Douglas Lake. The minutes of the 33rd Annual Meeting were approved as published in *The Wilson Bulletin* for September, 1952.

**Secretary’s Report**

The secretary, Phillips B. Street, summarized the principal actions of the Executive Council as follows:

1. Harrison B. Tordoff was unanimously re-elected editor of *The Wilson Bulletin*.
2. The Executive Council accepted the invitation of the Delaware Valley Ornithological Club, the Urner Ornithological Club, and the New Jersey Audubon Society to hold the 35th Annual Meeting at Cape May, New Jersey, on Saturday and Sunday, June 12 and 13, 1954. A meeting of the Executive Council will be held on June 11, and organized field trips will be offered on June 14.
3. An annual contribution of $5 was voted to the International Committee on Bird Protection.
4. The importance of life memberships in building up our endowment funds was discussed at some length, and those who are able are urged to give serious consideration to becoming life members.

**Treasurer’s Report**

The treasurer, Leonard C. Brecher, reported on the finances of the club. The report was approved, subject to the report of the Auditing Committee, scheduled for the following day.
REPORT OF TREASURER FOR 1952

Balance as shown by last report, dated December 31, 1951 .......... $1,753.91

RECEIPTS

Dues:
- Active .................................................. $4,050.00
- Sustaining ............................................ $1,194.00

Subscriptions to The Wilson Bulletin .................................... $472.50
Sale of back issues and reprints of The Wilson Bulletin ........... $277.50
Gifts: Color Plate Fund ............................................ $100.00
- Publication Fund ........................................... $593.00
- Miscellaneous .................................................. $71.43

Transferred from Endowment Fund (interest on bonds, savings account, research grants, etc.) .................. $221.29

Contribution to Book Fund ........................................... $8.00

Total Receipts .................................................................. $8,741.63

DISBURSEMENTS

“The Wilson Bulletin”—printing, engraving, and mailing .......... $5,885.77

President’s Expense—Supplies, postage, etc. ........................ $3.10

Editor’s Expense—printing, postage, clerical aid, etc. ............. $140.00

Secretary’s Expense—printing, postage, etc. ........................ $115.41

Treasurer’s Expense—printing, postage, clerical aid, etc. ......... $220.66

Membership Committee Expense—printing, postage, etc. ........ $65.20

Annual Meeting Expense ............................................. $67.17

Purchase of book from Book Fund .................................... $3.50

Bank charges, foreign exchange, corporation papers and miscellaneous expenses ................................. $11.40

Purchase of back issues and reprints ................................ $33.43

Transferred to Endowment Fund a/c Louis Agassiz Fuertes Research Grant ........................................... $100.00

Total Disbursements .................................................... $6,645.64

Balance on hand in Citizens Fidelity Bank and Trust Company, Louisville, Kentucky, December 31, 1952 ........ $2,995.99

ENDOWMENT FUND

Cash balance in Savings Account, December 31, 1951 ............. $2,047.29

Received during year:
- Interest on U. S. Bonds and on Savings Account ................ $223.80
- Life Membership payments ...................................... $445.00
- Transfer of Special Research Grants from checking account $100.00

Total receipts ................................................................ $2,816.09

Disbursed during year:
- Transferred to checking account (interest on bonds, etc.) .... $221.29
- Louis Agassiz Fuertes Research Grant payment ................. $100.00
- Bank charges a/c State Tax ....................................... $2.51
Purchase of Massachusetts Investors Trust (116 shares @ $20.75) 2,407.00

Total disbursements .......................................................... $ 2,730.80
Cash balance in Savings Account, December 31, 1952 .................. $ 85.29

Securities owned**

U. S. Postal Savings Coupon Bonds dated July 1, 1935 ............... $ 780.00
U. S. Savings Bonds, Series “G”, dated September 1, 1943 (maturity value $1,000.00) .................................................. 973.00
U. S. Savings Bonds, Series “G”, dated September 20, 1944 (maturity value $1,500.00) .................................................. 1,450.50
U. S. Savings Bonds, Series “G”, dated June 1, 1945 (maturity value $500.00) .................................................. 482.00
U. S. Savings Bonds, Series “G”, dated July 1, 1945 (maturity value $900.00) .................................................. 864.90
U. S. Savings Bonds, Series “G”, dated October 1, 1945 (maturity value $1,400.00) .................................................. 1,345.40
U. S. Savings Bonds, Series “F”, dated February 1, 1947 (maturity value $2,000.00) .................................................. 1,618.00
U. S. Savings Bonds, Series “F”, dated April 1, 1948 (maturity value $2,000.00) .................................................. 1,572.00
U. S. Savings Bonds, Series “F”, dated October 1, 1948 (maturity value $1,450.00) .................................................. 1,125.20
U. S. Savings Bonds, Series “F”, dated April 1, 1950 (maturity value $1,000.00) .................................................. 754.00
Massachusetts Investors Trust (116 shares at $20.75 per share) .... 2,407.00

Total securities owned** ...................................................... $13,372.00
Total Endowment Fund ........................................................ $13,457.29

**Bonds carried at redeemable value December 31, 1952

In reserve:
Louis Agassiz Fuertes Research Grant Fund (special gift) .......... 25.00
S. Morris Pell Fund (special gift) ........................................ 75.00

Respectfully submitted,
Leonard C. Brecher, Treasurer

Membership Committee

Ralph M. Edeburn, chairman, reported that the names of 155 prospective members enrolled since the 1952 Annual Meeting were posted for the inspection of members and for election by vote at the final business session. On December 31, 1952, the club had 1347 active, 238 sustaining and 82 life members, a total of 1667. Since January 1, 1953, 91 new members have been added. This number will be further increased by the reinstatement of delinquents. The total circulation of the Bulletin on December 31, 1952, was 1898; this included 156 institutional subscriptions and 75 exchanges. The membership appears to be in stable condition.

Research Grant Committee

John T. Emlen, Jr., chairman, reported that the year had been a discouraging one for his committee. Only $25 remained in the Louis Agassiz Fuertes Fund, and it was decided that announcements of a grant would not be distributed until such time as
sufficient money was available to make a full award of $100. The President's appeal in the March Bulletin for contributions brought forth two responses, but not in time to make a proper announcement for applications, and the award was accordingly deferred for this year.

No candidates were proposed for the S. Morris Pell Award.

It is with great pleasure that we announce a donation of $500 at the Annual Meeting to the Research Committee by an anonymous member of the club. It is most gratifying that this worthy tradition can now be perpetuated, and we sincerely hope that other members in a position to contribute to a research fund will follow this fine example.

Library Committee

George J. Wallace, chairman, reported the major activity of the committee was the publication of the complete book list in the September, 1952, Bulletin, which will enable one to see what books or monographs are available, if he wishes to borrow, and what are not available, if he wishes to donate to the library. Accessions to the library since June, 1952, totalled 612 items, consisting of 60 books, 428 reprints, 323 magazines, 99 pamphlets, 1 bulletin, and 1 bird song record. These contributions were made by 79 different donors. The above list substantially exceeds the accessions of any recent year, especially in the number of books. These contributions have been most gratifying.

Illustrations Committee

Robert M. Mengel, chairman, reported that the committee has (1) supervised completely the selection, reproduction, and delivery of the four-color frontispieces in the Bulletin and (2) redrawn for authors figures for three articles now in press and has consulted with the editor about numerous other illustrations and illustrations problems.

Temporary Committees

The following temporary committees were appointed:

Auditing Committee: Lawrence H. Walkinshaw, Chairman; John M. McCormick.

Resolutions Committee: Dwain W. Warner, Chairman; Betty Carnes; Harold S. Peters.

Nominating Committee: Maurice G. Brooks, Chairman; Albert F. Ganier; Robert A. McCabe.

SECOND BUSINESS SESSION

The second and final business session was called to order at 10 a.m., Tuesday, June 16. The applicants for membership, whose names were posted, were elected to membership to the club.

Report of Auditing Committee

The auditing committee reported that they had examined the books of the treasurer and found them to be correct. They recommended that an accountant be employed to audit the books in the future, prior to the annual meeting date.

Report of the Resolutions Committee

WHEREAS the Wilson Ornithological Club at its Thirty-fourth Annual Meeting has had one of the most successful meetings in the history of the organization, therefore, BE IT RESOLVED that the Wilson Ornithological Club at its Thirty-fourth Annual Meeting, held June 14–17, 1953, at the University of Michigan Biological Station, Douglas Lake, Michigan, express its sincere thanks to those who have made this meeting a most memorable one; to Dr. Harlan Hatcher, President of the University of
Michigan, for making available the facilities of the Biological Station; to Dr. Alfred H. Stockard, Director of the Biological Station, and his staff for their generous and efficient service; to members of the Michigan Audubon Society; and especially to the Local Committee on Arrangements: H. Lewis Batts, Miss Hazel L. Bradley, Edward M. Brigham, Jr., Donald W. Douglass, Miss Irene F. Jorae, Harold F. Mayfield, Mr. and Mrs. Clarence J. Messner, Miss Theodora Nelson, Haven H. Spencer, George J. Wallace, Robert A. Whiting, Harold Wing, and particularly to Olin Sewall Pettingill, Jr., Chairman, and Nicholas L. Cuthbert, Vice-Chairman.

Election of Officers

Maurice G. Brooks, chairman, reported for the Nominating Committee and proposed the following officers for the coming year: President, Walter J. Breckenridge; First Vice President, Burt L. Monroe; Second Vice President, Harold F. Mayfield; Treasurer, Leonard C. Brecher; Secretary, Phillips B. Street; Elective members of the Executive Council, W. W. H. Gunn (term expires 1954), Joseph C. Howell (term expires 1955), and A. W. Schorger (term expires 1956).

The report of the Nominating Committee was accepted, and, there being no nominations from the floor, the secretary was instructed to cast a unanimous ballot for these nominees.

PAPERS SESSIONS

Monday, June 15

Theodora Nelson, Hunter College of the City of New York, A History of Ornithology at the University of Michigan Biological Station, slides.


Miles D. Pirnie, Michigan State College, Duck Nesting in Northern Michigan, slides.

Lawrence H. Walkinshaw, Battle Creek, Michigan, An Introduction to Some Bird Areas in Northern Michigan, slides.


Edward G. Voss, University of Michigan, Botanical Features of the Douglas Lake Region, slides.

S. Charles Kendeigh, University of Illinois, Niche Requirements of Birds as Illustrated by their Community Distribution in the Douglas Lake Region, slides.

Gordon Alexander, University of Colorado, Introgressive Hybridization in Flickers, slides.

Phillip S. Humphrey, University of Michigan, A Possible Mechanism of Hybridization in Ducks.

Harrison B. Tordoff, University of Kansas, and J. R. Macdonald, South Dakota School of Mines and Technology, Evolution in the Cracidae.

Douglas A. James, University of Illinois, Aggregatory Roosting Among Certain Passerine Birds: Aspects of the Internal and External Structure, slides.

Margaret M. Nice, Chicago, Illinois, The First Week in a Raven’s Life.

Dean Amadon, American Museum of Natural History, The Helmeted Hornbill; Some Remarkable Adaptations, slides.

Wesley E. Lanyon, University of Wisconsin, The Development of Vocal Patterns in a Hand-raised Meadowlark, tape and slides.

Tuesday, June 16

Josselyn Van Tyne, University of Michigan, *The Distribution of Kirtland's Warbler*, slides.


Maurice Broun, Hawk Mountain Sanctuary, *Mid-summer Aggregations of Barn Swallows in Eastern Pennsylvania*, slides.

John T. Emlen, Jr., and Carl Jacoby, University of Wisconsin, *Territory and Survival in a Ring-billed Gull Colony in Mackinac Straits*, slides.


Donald J. Borror and Carl R. Reese, Ohio State University, *Analytical Studies of Bird Songs* (presented on tape), slides.

Robert C. Stein, Cornell University, *The "Song" Types of the Alder Flycatcher*, tape and slides.

Robert W. Storer, University of Michigan, *A Hybrid Between the Chipping and Clay-colored Sparrows*.

K. T. Rogers, University of Michigan, *The Use of Embryology in Field Ornithology*, slides and motion pictures.


**ATTENDANCE**

Members and guests in attendance at the meeting numbered approximately 350, including 41 children. The numbers of children accompanying adults and too young to register are listed in parentheses rather than by name. Twenty-six states, Ontario, Iceland, and Venezuela were represented.

From **Alabama**: 2—Birmingham, Mrs. Blanche E. Dean, Blanche H. Chapman.

From **Colorado**: 5—Boulder, Mr. and Mrs. Gordon Alexander, Douglas Alexander; Denver, Mr. and Mrs. Edwin R. Kalmbach.

From **Connecticut**: 1—Canaan, Aretas A. Saunders.

From **Florida**: 2—Daytona Beach, Mr. and Mrs. Conrad H. Ekdahl.

From **Georgia**: 1—Atlanta, Harold S. Peters.

From **Illinois**: 21—Blue Island, Karl E. Bartel, Champaign, Douglas A. James, Arthur A. Johnson, Mr. and Mrs. S. Charles Kendeigh (2 ch.), William B. Robertson, Mr. and Mrs. Lyell J. Thomas, Chicago, Charles Hartshorne, Alfred Lewy, Constance Nice, L. B. Nice, Margaret M. Nice, Mr. and Mrs. R. M. Strong, East Moline, Mr. and Mrs. Elton Fawks, Murphysboro, Richard D. Brewer, Urbana, Donald C. Goodman.

From **Indiana**: 16—Connersville, Edna Banta, Fort Wayne, Catherine Pusey, Hanover, Mr. and Mrs. J. Dan Webster (2 ch.), Indianapolis, Mildred Campbell, Mrs. S. G. Campbell, Lafayette, Mr. and Mrs. Albert G. Guy, New Castle, Ruby Stockinger,
Richmond, Miss C. E. Anderson, Millard S. Markle, Mary Jane Neal, Mrs. C. S. Snow, Jean Snow.

From Iowa: 4—Cedar Rapids, Lillian Serbousek, Myra G. Willis, Davenport, Mrs. Peter Petersen, Peter C. Petersen, Jr.

From Kansas: 13—Baldwin, Mr. and Mrs. R. F. Miller, Lawrence, Mr. and Mrs. Bert Chewning, Richard W. Fredrickson, Mr. and Mrs. Robert M. Mengel, Mr. and Mrs. Harrison B. Tordoff (3 ch.), Shawnee, Ben King.

From Kentucky: 6—Anchorage, Mr. and Mrs. Burt L. Monroe, Louisville, and Mrs. Leonard C. Brecher, Mr. and Mrs. Frederick W. Stamm.

From Louisiana: 1—Baton Rouge, Frances Crews.

From Maryland: 4—Hyattsville, Mary Catherine Crone, Katherine Keeley, Laurel, Seth H. Low, Towson, Richard D. Cole.

From Michigan: 123—Ann Arbor, Mr. and Mrs. Andrew J. Berger, Margaret G. Branch, Ralph M. Branch, Mr. and Mrs. Robert S. Butsch (1 ch.), Esther Byers, Marie Donegan, Francis C. Evans, Mr. and Mrs. Harry W. Hann, Maud Hukill, Philip S. Humphrey, Mrs. Reuben L. Kahn, Mr. and Mrs. William A. Lunk (2 ch.), Mr. and Mrs. Bradey M. Patten, K. T. Rogers, Mr. and Mrs. Haven H. Spencer (2 ch.), Peter Stettenheim, Mr. and Mrs. Alfred H. Stockard (2 ch.), Robert W. Storer, Josselyn Van Tyne, Edward G. Voss, Mr. and Mrs. Dale A. Zimmerman, Battle Creek, Mr. and Mrs. Edward M. Brigham, Jr., Edward M. Brigham, III, Lawrence H. Walkinshaw, Brighton, Mr. and Mrs. Don B. Savery, Cheboygan, David Rochelean, Detroit, Virginia Gorst, Esther McKercher, Douglas S. Middleton, Mrs. Forbes Miller, Mrs. Thomas A. Petts, Florence E. Roper, East Lansing, J. William Hardy, George Petrides, Mr. and Mrs. Miles D. Pirnie, T. Wayne Porter, Mr. and Mrs. George J. Wallace, Farmington, Madge Prior, Ferndale, Harold D. Mahan, Glen Lake, Mrs. Ove F. Jensen, Grand Rapids, Julia Barnes, Hazel Dennis, Mrs. Norman English, Alta Harrison, Agnes Kugel, Rose Mary Scott, Grayling, Mrs. and Mrs. Fenn M. Holden, Grosse Point, Mr. and Mrs. Clarence J. Messner, Hastings, Hazel McKibbin, Hickory Corners, Arthur E. Staebler (1 ch.), Holland, Marbelle Geiger, Katherine Post, Lida Rogers, Hudsonville, Peter Hovington, James Ponshair, Huntington Woods, Mr. and Mrs. Neil T. Kelley, Hazel L. Bradley, Mr. and Mrs. W. Powell Cottrille, Mr. and Mrs. Robert A. Whiting, Mr. and Mrs. Harold F. Wing (3 ch.), Kalamazoo, H. Lewis Batt, Jr., Marie E. Thompson, Sara Ubbes, Lake Orion, Gordon M. Garlick, Lansing, George A. Ammann, Donald W. Douglass, Lincoln Park, Helen Blanchet, Marquette, Mrs. Mary Spear Ross, Rollin K. Thoren (1 ch.), LaRue Wells, Midland, Eugene E. Kenaga, Milford, Lawrence A. Ryel, Mt. Clemens, Mrs. Taft Johnston, Mt. Pleasant, Mr. and Mrs. Nicholas L. Cuthbert (1 ch.), Muskegon, Alameda Boulton, Margaret Elliott, Mary Elizabeth Whelan, Paw Paw, LaVerne Argabright, Plymouth, Virginia Olmstead, Elsie W. Townsend, Rudyard, Mrs. H. Van Farowe, Sault Ste. Marie, Mr. and Mrs. Otto McNaughton, Jr., Seney, Mr. and Mrs. C. J. Henry, Spring Lake, Mr. and Mrs. Bernard W. Baker, David Baker, The Heights, Elsaworth M. Harger, Three Rivers, Oscar M. Bryens, Union City, Mr. and Mrs. William A. Dyer.

From Minnesota: 14—Duluth, Mr. and Mrs. Harvey Putnam, Minneapolis, Mr. and Mrs. Lewis L. Barrett, Amy Chambers, Glenn R. Downing, Dwain W. Warner, Northfield, Mr. and Mrs. Fran W. Hall, Mr. and Mrs. O. S. Pettingill, Jr. (2 ch.), Owatonna, Mrs. Horson A. Northrop.
From Missouri: 1—Kansas City, Terence Rhoades.

From Montana: 2—Bozeman, Mr. and Mrs. Clifford V. Davis.

From New Jersey: 5—East Millstone, Mr. and Mrs. John M. Jubon (1 ch.), Princeton, Charles H. Rogers, Tenafly, Betty Carnes.


From Ohio: 34—Cincinnati, Mr. and Mrs. John R. Bunnell, Cleveland, Vera Carrothers, Elsie C. Erickson, Adela Gaede, Mrs. Lucille M. Mannix, Mildred Stewart, Columbus, Mr. and Mrs. Edward S. Thomas (1 ch.), East Cleveland, Marjorie Ramisch, Hiram, Mr. and Mrs. Lincoln C. Pettit (3 ch.), Painesville, Mrs. Robert V. D. Booth, Perrysburg, Mr. and Mrs. Russel L. Burget (1 ch.), Richmond, Mr. and Mrs. Robert McCallough, Steubenville, Mr. and Mrs. Clinton S. Banks, Richard Banks, Mr. and Mrs. Albert R. Tenney, Lois Lee Tenney, Toledo, John M. McCormick, Mr. and Mrs. Harold F. Mayfield (4 ch.).

From Pennsylvania: 18—Butler, Mr. and Mrs. Frank W. Preston, East Brady, Mr. and Mrs. Leonard W. Wing (4 ch.), Exton, Mr. and Mrs. Phillips B. Street (1 ch.), Gettysburg, George E. Grube, Kempton, Mr. and Mrs. Maurice Broun, Lebanon, Cynthia Gingrich, McConnellsville, Nancy Stevens, Philadelphia, James Bond, Frederick V. Hebard.

From South Carolina: 1—Travelers Rest, Ruth Gilreath.

From South Dakota: 5—Sioux Falls, Mr. and Mrs. Herman F. Chapman, Herbert Krause, Mr. and Mrs. J. Scott Findley.

From Tennessee: 3—Knoxville, Joseph C. Howell, Maryville, Ralph J. Zaenglein, Nashville, Albert F. Canier.

From Virginia: 2—Harrisonburg, Mr. and Mrs. D. Ralph Hostetter.

From West Virginia: 9—Huntington, Mr. and Mrs. Ralph M. Edeburn, P. C. Bibbie, Morgantown, Robert L. Birch, Mr. and Mrs. Maurice G. Brooks (1 ch.), Earl N. McCue.

From Wisconsin: 23—Madison, John T. Emlen, Alice Fosse, Mr. and Mrs. Wesley E. Lanyon, H. C. Mueller, Robert Nero, Gerald A. Vogelsang, Milwaukee, Daniel S. Berger, Mrs. C. R. Decker, Jr., Mary Donald, Oshkosh, John L. Kasper, Plainfield, Mr. and Mrs. Frederick N. Hamerstrom, Jr. (2 ch.), Two Rivers, Mr. and Mrs. F. B. Mayer (2 ch.), Viroqua, Margarette E. Morse, Mary E. Morse, Lois E. Webster, West Bend, Marvin E. Vore.

From Ontario, Canada: 7—Hamilton, Eric W. Bastin, Toronto, Mr. and Mrs. O. E. Devitt, Mr. and Mrs. J. Bruce Falls, W. W. H. Gunn, Douglas S. Miller.

From Iceland: 1—Reykjavik, Finnur Gudmundsson.

From Venezuela: 1—Caracas, William H. Phelps.

No address given: 9—Mr. and Mrs. W. F. Davidson, Wilfred Goodman, Edith McLennan, Gordon C. Mandigo, Shirley Mann, Pauline Miller, Kay Petts, Edith Schultz.

This number of The Wilson Bulletin was published on October 31, 1953.