

THE SIXTY-NINTH STATED MEETING OF THE
AMERICAN ORNITHOLOGISTS' UNION

BY OLIN SEWALL PETTINGILL, JR., SECRETARY

THE second meeting of the Union in the Province of Quebec and the fifth meeting in Canada was held in Montreal, October 8 to 11, 1951, at the invitation of the Province of Quebec Society for the Protection of Birds. Headquarters were in the Mount Royal Hotel where the business sessions took place on Monday; public sessions were held at McGill University on Tuesday, at the University of Montreal on Wednesday, and at the Botanical Garden on Thursday.

BUSINESS SESSIONS

Business sessions were as follows: (1) First Session of the Council, Monday, October 8, 9:15 a. m. to 12:10 p. m. Number in attendance, 20. (2) Second Session of the Council, Monday, 2:15 to 3:45 p. m. Number in attendance, 21. (3) First Meeting of the Fellows, Monday, 4:10 p. m. to 5:30 p. m. Number in attendance, 34. (4) Third Session of the Council, Monday, 8:20 to 8:30 p. m. Number in attendance, 17. (5) Meeting of the Fellows and Members, Monday, 8:30 p. m. to Tuesday, October 9, 12:35 a. m. Number in attendance, 62 (Fellows, 30; Members, 32). (6) Fourth Session of the Council, Wednesday, October 10, 8:10 to 8:30 a. m. Number in attendance, 16. (7) Second Meeting of the Fellows, Wednesday, 12:10 to 12:30 p. m. Number in attendance, 26.

Reports of Officers. The Secretary reported that the total membership of the Union was 2,914, as of October 8, 1951. Membership by classes was as follows: Fellows, 64; Fellows Emeriti, 2; Honorary Fellows, 14; Corresponding Fellows, 63; Members 171; Associates, 2,580; and Student members, 20. Since the last meeting, 261 persons had been proposed for Associate membership, their election at this meeting bringing the total membership to 3,175. The Secretary had received death notices of the following members:

Lynds Jones, Fellow, February 11, 1951, at Oberlin, Ohio.

Marcel Henri Felix de Contreras, Corresponding Fellow, December 28, 1949, at Ixelles, Belgium.

Herman Grote, Corresponding Fellow, August 12, 1951, at Berlin, Germany.

Pawel Pateff, Corresponding Fellow, March 22, 1950, at Sofia, Bulgaria.

Charles Theodore Ramsden, Corresponding Fellow, August 24, 1951, at Santiago, Cuba.

Bernard William Tucker, Corresponding Fellow, December 19, 1950, at Oxford, England.

- Rollo Howard Beck, Life Member, November 22, 1950, at Planada, California.
 William Procter, Life Member, April 19, 1951, at West Palm Beach, Florida.
 Edward Russell Ford, Member, January 13, 1951, at Winnetka, Illinois.
 Arthur Baldwin Williams, Member, August 18, 1951, at Cleveland, Ohio.
 Walter Allen Angell, Honorary Life Associate, February 5, 1950, at Smithfield, Rhode Island.
 Edmonde Samuel Currier, Honorary Life Associate, April 25, 1949, at Portland, Oregon.
 Annie Montague Alexander, Life Associate, September 10, 1950, at Oakland, California.
 Albert Joseph Bernard Kirn, Life Associate, October 1, 1950, at San Antonio, Texas.
 Leonard Cutler Sanford, Life Associate, December 7, 1950, at Port Sewall, Florida.
 Ross Stewart Baker, Associate, March 27, 1951, at Toronto, Ontario.
 William Bonar Bell, Associate, March 30, 1949, at Washington, D. C.
 Sherman Chauncey Bishop, Associate, May 28, 1951, at Rochester, New York.
 Ewart Lount Brereton, Associate, July 5, 1950, at Barrie, Ontario.
 Edgar Burke, Associate, December 6, 1950, at Norfolk, Connecticut.
 Elizabeth Rand Cox, Associate, November 9, 1950, at Plainfield, New Jersey.
 Alden Hervey Hadley, Associate, February 26, 1951, at Anderson, Indiana.
 Mrs. Ardelle Hornback, Associate, August 18, 1950, at Joliet, Illinois.
 John Southgate Yeaton Hoyt, Associate, June 1, 1951, at Ithaca, New York.
 Ellsworth Duganne Lumley, Associate, February 10, 1950, at Seattle, Washington.
 George MacReynolds, Associate, October 27, 1950, at Doylestown, Pennsylvania.
 John Edward Maher, Associate, April 19, 1950, at Jersey City, New Jersey.
 Orpheus Moyer Schantz, Associate, September 2, 1951, at Red Bank, New Jersey.
 Mary Hall Schaub, Associate, April 15, 1950, at Wilmette, Illinois.
 Eugene William Schmidt, Associate, August 27, 1951, at New Britain, Connecticut.
 Samuel Scoville, Jr., Associate, December 4, 1950, at Bryn Mawr, Pennsylvania.
 Grace Marion Snow, Associate, February 6, 1950, at Winchester, Massachusetts.
 Wilson Tout, Associate, June 18, 1951, at North Platte, Nebraska.

The Treasurer gave his report, which is published in this number of 'The Auk.'

Dr. Harvey I. Fisher, Editor of 'The Auk,' reported that he has enough short manuscripts on hand to fill out the next two or three issues, but he is in great need of leading articles containing fundamental information. He expressed disappointment that many manuscripts of superior quality, prepared by members, have been submitted to journals other than 'The Auk.' It seemed to him that members of the Union should feel obliged to support their own journal. The new Illustrations Committee, under the Chairmanship of Dr. Milton B. Trautman, has been of invaluable assistance in obtaining suitable material for colored and for black and white plates.

Reports of Committees. The Committee on Endowment, through an appeal for funds directed by Mrs. Elsie M. B. Naumburg, Chairman, obtained the following results: Life Memberships including partial payments \$1,705.00; donations to the Endowment Fund, \$465.50; and donations to the Active Publication Fund, \$868.00.

The report of the Special Canadian Committee, given by Mr. Hoyes Lloyd, Chairman, showed total receipts since September 15, 1950, of \$1,077.57. Total assets in Canada, as of September 15, 1951, were \$5,378.24.

Dr. Alexander Wetmore, Chairman of the Committee on Classification and Nomenclature of North American Birds, reported that the Committee prepared in draft form a revision of the ranges of the Tyrannidae and Parulidae for circulation among its collaborators for criticism, comment, and addition. The Committee considered 43 cases covering changes in scientific name or status, proposals of new forms, or revivals of old forms; 19 of these were accorded favorable action and published in 'The Auk' for July, 1951. The Committee continued to employ Mr. E. M. Reilly to assemble records from the files of the Fish and Wildlife Service and from literature, for use in the preliminary preparation of range material. The expense of this service was met through grants from the Smithsonian Institution, the expenditures to date being \$10,257.50. The typing, mimeographing, and mailing of range material to collaborators, and the considerable correspondence of the Chairman and Vice-Chairman, were carried by the Smithsonian Institution, in addition to the cash contribution.

According to Dr. Albert Wolfson, Chairman of the Committee on Research, the book on recent research in ornithology, being prepared under the direction of the Committee, is rapidly nearing completion. Three chapters have been written, while the others have been promised by the end of the calendar year. The Committee's index of unpublished doctoral theses will soon be published.

Following the procedure of previous years, the Committee on Education, under the Chairmanship of Dr. William H. Behle, distributed application blanks for student membership awards to 87 regional representatives. Dr. Behle reported that 20 applications were received and, since sufficient funds were available, all applications were granted. Recipients were notified in early January that they were entitled to a year's subscription to 'The Auk.'

Mr. C. K. Nichols, Editor of the 'Ten-year Index to The Auk,' reported that all articles, notes, and main reviews have been indexed. As soon as the sections on "Periodical Literature" have been covered, the work will be ready for publication.

Work on the 'Handbook of North American Birds,' sponsored by the Union with Dr. Ralph S. Palmer as Editor, is already under way. Dr. Palmer has enlisted several collaborators. A part-time assistant, provided through the cooperation of the New York State Museum, is helping him with bibliographical work.

The Award of the Brewster Medal. The 1951 Brewster Medal was awarded, by action of the Council, to Dr. S. Charles Kendeigh of the University of Illinois for his fundamental research on temperature characteristics, metabolism, and energy resources of birds.

Next Stated Meeting. Fellows and Members, meeting together, accepted the joint invitation of Louisiana State University and the Louisiana Ornithological Society to hold the Seventieth Stated Meeting in Baton Rouge in October, 1952.

Amendments to the By-Laws. Eleven amendments to the By-Laws were given final approval by the Fellows. (For a listing of these amendments as approved, see the January, 1951, number of 'The Auk.')

Three amendments were proposed and referred to the Fellows for final action in 1952. The first would permit the electing of Associates during the year rather than at annual meetings only. This would necessitate three changes in Article IV: (1) delete "and Associates" from first sentence of first paragraph in Section 7; (2) omit second paragraph in Section 7; and (3) add Section 12 to read as follows:

"Section 12. Proposals for the Class of Associates may be made to a committee of the Officers of the Union, consisting of the President, Vice-Presidents, Secretary, and Treasurer, through the Secretary, by any Fellow, Member, or Associate. Associates may be elected by an affirmative vote of a majority of said committee. Election may be by mail ballot at any time of year."

The second and third amendments would extend to ornithologists in the Americas outside of the United States and Canada the opportunity of being elected to the classes of Fellows and Members. The second amendment would revise the first sentence in Section 2 of Article I to read: "Fellows at the time of their election shall be citizens, subjects, or residents of the United States, Canada, or other political subdivisions of North America, South America, or the West Indies." The third amendment would revise Section 6 of Article I to read as follows:

"Section 6. Members at the time of their election shall be citizens, subjects, or residents, of the United States, Canada, or other political subdivisions of North America, South America, or the West Indies. Members shall be limited to two hundred in number."

Miscellaneous Matters. The Council authorized the establishment of a Special Publications Fund. Henceforth, money derived from the sales of any, or all, occasional publications (*e. g.* 'The Ten-year Index to The Auk,' the 'Check-List of North American Birds') will be put into this Fund which will be kept separate for the purpose of financing such occasional publications.

Since John T. Nichols has, over a period of years, generously given to the Union sums of money totalling well over one thousand dollars, the Council elected him a Patron. His name, therefore, shall be perpetually inscribed upon the records of the Union.

ELECTION OF OFFICERS

The officers elected for 1951 are as follows: *President*, Josselyn Van Tyne; *Vice-Presidents*, Alden H. Miller and Ludlow Griscom; *Secretary*, Albert Wolfson; *Treasurer*, R. Allyn Moser. *Elective Members of Council*: Dean Amadon, Harrison F. Lewis, and Olin Sewall Pettingill, Jr.

The Council elected Harvey I. Fisher, *Editor*, and Robert W. Storer, *Assistant Editor* of 'The Auk'; Frederick V. Hebard (Chairman), G. Ruhland Rebmann, Jr., and Phillips B. Street, *Investing Trustees*.

ELECTION OF FELLOWS, MEMBERS, AND ASSOCIATES

FELLOWS—6

William Harroun Behle, Salt Lake City, Utah.
Lee Saunders Crandall, New York City.
Eugene Pleasants Odum, Athens, Georgia.
Sidney Dillon Ripley, New Haven, Connecticut.
Arlie William Schorger, Madison, Wisconsin.
Lawrence Harvey Walkinshaw, Battle Creek, Michigan.

HONORARY FELLOWS—2

Arthur Landsborough Thomson, London, England.
Konrad Lorenz, Altenberg, Germany.

CORRESPONDING FELLOWS—4

Edward Allworthy Armstrong, Cambridge, England.
James Maxwell McConnell Fisher, Ashton, Northampton, England.
Carl Alexander Gibson-Hill, Singapore, Malaya.
Gustav Kramer, Wilhelmshaven, Germany.

MEMBERS—15

Harold Hamilton Axtell, Buffalo, New York.
Aaron Moore Bagg, Holyoke, Massachusetts.
Barbara Blanchard Oakeson, Santa Barbara, California.
Eugene Eisenmann, New York City.
Samuel Andrew Grimes, Jacksonville, Florida.
William Walker Hamilton Gunn, Toronto, Ontario.
Frederick Vanuxem Hebard, Philadelphia, Pennsylvania.
Robert Allerton McCabe, Madison, Wisconsin.

Karl Herbert Maslowski, Cincinnati, Ohio.
 Robert Morrow Mengel, Ann Arbor, Michigan.
 Johnson Andrew Neff, Denver, Colorado.
 Angus Henry Shortt, Winnipeg, Manitoba.
 Harrison Bruce Tordoff, Lawrence, Kansas.
 Dwain Willard Warner, Minneapolis, Minnesota.
 Lloyd Raymond Wolfe, Kerrville, Texas.

ASSOCIATES—261

ATTENDANCE

Registration at the meeting showed an attendance of 174, composed of 36 Fellows, 43 Members, and 95 Associates. Represented were 25 states, the District of Columbia, four provinces of Canada, and Venezuela. Attendance of 88 guests brought total registration to 262.

FELLOWS, MEMBERS, AND ASSOCIATES PRESENT

PATRONS:—Hoyes Lloyd, Mrs. Dayton Stoner.

FELLOWS:—John W. Aldrich, Arthur A. Allen, Dean Amadon, Oliver L. Austin, Jr., Maurice Brooks, James P. Chapin, H. G. Deignan, Jean Delacour, John T. Emlen, Jr., Harvey I. Fisher, Herbert Friedmann, Ira N. Gabrielson, Ludlow Griscom, Alfred O. Gross, Harrison F. Lewis, Frederick C. Lincoln, Hoyes Lloyd, George H. Lowery, Jr., Ernst Mayr, Alden H. Miller, Robert Cushman Murphy, Mrs. Margaret M. Nice, James L. Peters, Roger Tory Peterson, Olin Sewall Pettingill, Jr., Frank A. Pitelka, S. Dillon Ripley, Aretas A. Saunders, A. W. Schorger, L. L. Snyder, Alexander Sprunt, Jr., W. E. Clyde Todd, Winsor M. Tyler, Josselyn Van Tyne, Alexander Wetmore, John T. Zimmer.

MEMBERS:—Mrs. Elsa G. Allen, Rudolph M. Anderson, Harold H. Axtell, Aaron M. Bagg, Charles H. Blake, Emmet R. Blake, B. S. Bowdish, Charles L. Broley, C. H. D. Clarke, Allan D. Cruickshank, E. Thomas Gilliard, W. Earl Godfrey, Horace Groskin, W. W. H. Gunn, Joseph A. Hagar, H. W. Hann, Frederick V. Hebard, George E. Hudson, Francis L. Jaques, Robert A. Johnson, Peter Paul Kellogg, C. Russell Mason, Harold Mayfield, Harold D. Mitchell, Burt L. Monroe, R. Allyn Moser, Mrs. Elsie M. B. Naumburg, Ralph S. Palmer, Harold S. Peters, W. H. Phelps, Jr., Richard H. Pough, William F. Rapp, Jr., Chandler S. Robbins, James Savage, Wendell P. Smith, W. A. Squires, Robert W. Storer, Wendell Taber, Lewis M. Terrill, Milton B. Trautman, Dwain W. Warner, Leonard W. Wing, Albert Wolfson.

ASSOCIATES:

British Columbia, 1—Allan C. Brooks, Pender Island.

California, 1—Mrs. Enid K. Austin, Oakland.

Connecticut, 2—Charles E. Huntington, Hamden; Raymond A. Paynter, Jr., Hamden.

Florida, 1—J. C. Dickinson, Jr., Gainesville.

Illinois, 1—Karl E. Bartel, Blue Island.

Kentucky, 1—Donald Summerfield, Valley Station.

Massachusetts, 3—Jerram L. Brown, Amherst; Dorothy E. Snyder, Salem; George C. West, Newton Center.

Michigan, 2—Mrs. Edith K. Frey, Jackson; Mrs. Josselyn Van Tyne, Ann Arbor.

New Jersey, 4—Mrs. Charles B. Andrews, Clinton; Mrs. Herbert E. Carnes, Tenafly; Edward L. Chalif, Short Hills; J. d'Arcy Northwood, Montclair.

New York, 26—Clark S. Beardslee, Kenmore; Mrs. Albert R. Brand, New York City; Carl A. Buchheister, New York City; Mrs. Ruth Trimble Chapin, New York City; H. Everest Clements, Rochester; Henry H. Collins, Jr., Bronxville; Lawrence I. Grinnell, Ithaca; Fred T. Hall, Buffalo; R. A. Herbert, New York City; Mrs. Herbert A. Hickman, Buffalo; Dr. Marguerite Kingsbury, Sunmount; Dr. Gordon M. Meade, Trudeau; James Monroe, Ray Brook; Kenneth D. Morrison, New York City; Bernard Nathan, Buffalo; Walter W. Naumburg, New York City; Kenneth C. Parkes, Ithaca; Mrs. J. Southgate Y. Hoyt, Ithaca; Mrs. Grace E. Barstow Murphy, New York City; Theodora Nelson, New York City; Bayard W. Read, Rye; Mrs. Kathleen Green Skelton, New York City; Mrs. Dayton Stoner, Albany; Sally Tate, New York City; Edward C. Ulrich, Buffalo; Jason A. Walker, Waterloo.

Ohio, 2—William C. Baker, Salem; Robert S. Smith, Cleveland.

Ontario, 18—O. E. Devitt, Toronto; Bertram A. Fauvel, Ottawa; Rowley Frith, Ottawa; James W. Groves, Ottawa; T. S. Hennessy, Ottawa; Mrs. L. Everett Jaquith, Toronto; W. H. Lanceley, Ottawa; Mrs. Louise de Kiriline Lawrence, Rutherglen; Mrs. Hoyes Lloyd, Ottawa; H. C. Lumsden, Tweed; Lucie McDougall, Port Credit; D. S. Miller, Toronto; Stuart S. Peters, Kingston; Mrs. James A. Selby, Ridgeville; Mrs. Doris Huestis Speirs, Pickering; J. Murray Speirs, Pickering; George M. Stirrett, Kingston; Frederick E. Warburton, Owen Sound.

Pennsylvania, 4—Phillips B. Street, Philadelphia; John E. Trainer, Allentown; Harold B. Wood, Harrisburg; Merrill Wood, State College.

Quebec, 19—Ruth A. Abbott, Senneville; J. P. Anglin, Quebec; Raymond Cayouette, Quebec; Albert C. Clattenburg, Jr., Montreal; James D. Cleghorn, Montreal; G. Harper Hall, Montreal; W. S. Hart, Montreal; Gladys Hibbard, Chambly Canton; Alfred W. B. Kelly, Montreal; Mrs. Gustav Langelier, Quebec; Louis Lemieux, Quebec; Ian A. McLaren, Montreal; George H. Montgomery, Jr., Westmount; Geoffrey Ommanney, Hudson Heights; W. H. Rawlings, Montreal; John W. Robinson, Montreal; Carroll C. Sait, Montreal; Mrs. L. M. Terrill, Westmount; Winifred E. Wilson, Montreal.

Rhode Island, 1—Roland C. Clement, Providence.

Texas, 1—Mrs. Anne Hinshaw Wing, College Station.

Vermont, 4—Elizabeth Ball, Rutland; Thomas H. Foster, Bennington; Harold B. Hitchcock, Middlebury; Marion Smith, Burlington.

West Virginia, 1—Ralph M. Edeburn, Huntington.

Wisconsin, 2—Carl B. Frister, Milwaukee; Mrs. Winnifred W. Smith, Two Rivers.

Venezuela, 1—Mrs. Kathleen D. Phelps, Caracas.

PUBLIC SESSIONS

Six public sessions were held, two on Tuesday at McGill University, two on Wednesday at the University of Montreal, and two on Thursday at the Botanical Garden. Four of these sessions were concerned entirely with the reading of papers. The session on Wednesday afternoon was devoted partly to papers and partly to a symposium and a round table discussion; the session on Thursday afternoon was occupied by the showing of motion pictures. An outline of the program is presented below. Titles marked with an asterisk were illustrated by lantern slides; those with two asterisks by motion pictures.

TUESDAY MORNING SESSION

Welcome by DR. F. CYRILL JAMES, Principal and Vice-Chancellor, McGill University.
Response on behalf of The American Ornithologists' Union.

Report on the Business Meetings; Announcements of the Results of Elections and the Brewster Memorial Award.

Announcements from the Local Committee on Arrangements.

*The Environment and Status of the Bermuda Petrel. ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York City.

The Guiding Habit of the Honeyguides. HERBERT FRIEDMANN, United States National Museum, Washington, D. C.

The Projected Handbook of North American Birds. RALPH S. PALMER, New York State Museum, Albany.

An Introduction to the Wood Library of Ornithology, McGill University. ELIZABETH E. TERRILL, Montreal, Province of Quebec.

TUESDAY AFTERNOON SESSION

*Some Factors Influencing Body-size and Wing Proportions in the Evolution of Diving Birds. ROBERT W. STORER, University of Michigan Museum of Zoology, Ann Arbor.

*Avian Evolution in the Gulf of Guinea Islands. DEAN AMADON, American Museum of Natural History, New York City.

Exhibition of Specimens of White-crowned Sparrows from Certain Geographic Areas. W. E. CLYDE TODD, Carnegie Museum, Pittsburgh, Pennsylvania.

*Is the Southern Robin a Good Subspecies? J. MURRAY SPEIRS, University of Toronto, Ontario.

*The Subspecies of the Purple Grackle. CHARLES E. HUNTINGTON, Hamden, Connecticut.

*Hybridization in the Birds of Paradise of the Genus *Astrapia*. E. THOMAS GILLIARD, American Museum of Natural History, New York City.

*Family Relationships of New and Old World Grouse. LEONARD W. WING, Agricultural and Mechanical College of Texas, College Station.

WEDNESDAY MORNING SESSION

*Breeding Season and Molt in Passerines at Point Barrow, Alaska. FRANK A. PITELKA, University of California Museum of Vertebrate Zoology, Berkeley.

Experiments on the Relation between Wakefulness and the Gonadal Cycle. ALBERT WOLFSON, Northwestern University, Evanston, Illinois.

*Flights of Migrating Warblers to and from the Pacific Coast. ALDEN H. MILLER, University of California Museum of Vertebrate Zoology, Berkeley.

*A Comparative Study of the Wing Musculature in the Family Corvidae. GEORGE E. HUDSON, State College of Washington, Pullman.

*Environmental Factors Influencing the Flight of Homing Pigeons. HAROLD B. HITCHCOCK, Middlebury College, Middlebury, Vermont.

Hummingbird Flight—Some Speculations. CHARLES H. BLAKE, Massachusetts Institute of Technology, Cambridge.

*Seven Milliseconds in the Lives of Common Birds. ARTHUR A. ALLEN, Laboratory of Ornithology, Cornell University, Ithaca, New York.

Bradford Torrey, 1843-1912. WILLIAM C. BAKER, University of Pittsburgh, Pittsburgh, Pennsylvania.

Alexander Wilson's Trial. ELSA G. ALLEN, Laboratory of Ornithology, Cornell University, Ithaca, New York.

In Memoriam: Florence Merriam Bailey (read by title). PAUL H. OEHSER, Smithsonian Institution, Washington, D. C.

WEDNESDAY AFTERNOON SESSION

Seasonal Singing of the Eastern Meadowlark. ARETAS A. SAUNDERS, Canaan, Connecticut.

*Musical Elements of Bird Song. ANNE HINSHAW WING, College Station, Texas.

*Sound Recordings as a Means of Trapping Birds (with phonograph records). W. W. H. GUNN, Wildlife Research Station, Algonquin Park, Ontario.

Problems in Editing Bird-Sound Recordings (with phonograph records). P. P. KELLOGG, Laboratory of Ornithology, Cornell University, Ithaca, New York.

SYMPOSIUM

Purposes, Methods, and Results of Bird-Sound Recording in the United States, Canada, and Other Countries.

P. P. KELLOGG, Chairman

ROUND TABLE DISCUSSION

Bird Conservation Problems Currently Most in Need of Attention and What the A. O. U. Committee on Bird Protection Can Do about Them.

RICHARD H. POUGH, Chairman

THURSDAY MORNING SESSION

*How Many Kirtland's Warblers Are There? HAROLD F. MAYFIELD, Toledo, Ohio.

*Annals of a Kirtland's Warbler Colony. JOSSELYN VAN TYNE, University of Michigan Museum of Zoology, Ann Arbor.

*Notes on the Appalachian Population of the Swainson's Warbler. MAURICE BROOKS, West Virginia University, Morgantown.

*Appearance of Motor Coordination in Some Precocial Birds. MARGARET M. NICE, Chicago, Illinois.

The Development of a Conditioned Reflex in Birds. JOHN E. TRAINER, Muhlenberg College, Allentown, Pennsylvania.

*Interrelations between Clutch-size, Brood-size, and Prefledging Survival in Tree Swallows. RAYMOND A. PAYNTER, JR. Yale University, New Haven, Connecticut.

*Pair Formation in the Cliff Swallow. JOHN T. EMLEN, JR., University of Wisconsin, Madison.

*Does the Forehead Color of Female Pileated Woodpeckers Change with Age? SARAH E. HOYT, Etna, New York.

*The Heretofore Unknown Dance Ground of Sanford's Golden-crested Bower Bird. E. THOMAS GILLIARD, American Museum of Natural History, New York City.

*Vireos in the Province of Quebec. LEWIS McI. TERRILL, Montreal, Province of Quebec.

*The Story of the Sun-Life Falcons. G. HARPER HALL, Montreal, Province of Quebec.

THURSDAY AFTERNOON SESSION

**The Rediscovery of the Takahe. ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York City.

**Bird Oases in the West Indies. LAWRENCE I. GRINNELL, Ithaca, New York.

**The Life of the Ruby-throated Hummingbird. ARTHUR A. ALLEN, Laboratory of Ornithology, Cornell University, Ithaca, New York.

**Audubon's America. C. RUSSELL MASON, Massachusetts Audubon Society, Boston, Massachusetts.

OTHER EVENTS

On Monday evening, a dinner for the Fellows was given by the Local Committee in Salon B of the Mount Royal Hotel. Following this Dr. and Mrs. Van Tyne entertained members of the Union and their guests in Salon D.

The Annual Dinner on Wednesday evening in the Ball Room of the Mount Royal Hotel was attended by 228 members and guests. A vocal quartette, Le Quatuor Alouette, under the direction of Roger Filiatrault, entertained delightfully with French Canadian songs.

About 180 members and guests visited the Arctic Institute, Redpath Museum, and Wood Library of Ornithology at McGill University on Tuesday evening. Among the interesting exhibits at the Wood Library, which has the finest ornithological collection in Canada, was the unique Feather Book of Dionisio Minaggio, prepared in 1618, containing 151 pictures of birds made entirely of feathers.

On Thursday evening, about 150 members and guests gathered at the Montreal Museum of Fine Arts where Mr. Douglas Leechman of the National Museum of Canada showed slides of the Yukon country and a film, "The Loon's Necklace." At the conclusion of the program, members and guests viewed several special exhibits including one on bird photography by local members of the Union and another on birds and animals in art by the Museum of Fine Arts.

Seventy-three members and guests enjoyed a field trip on Friday morning to Ile au Heron Sanctuary, including St. Helen's Island, Laprairie Shore and Côte Ste. Catherine, with coffee at the Boulevard Hotel, Laprairie. Sixty-one species of birds were recorded. The next day, 27 members and guests visited Cap Tourmente below Quebec where they observed between 25,000 and 30,000 Snow Geese, and a few Blue Geese.

RESOLUTIONS

At the public session on Thursday afternoon, the following resolutions were passed:

Resolved, that we extend our thanks to W. S. Hart, W. H. Rawlings, Miss Ruth S. Abbott, Mr. and Mrs. L. McI. Terrill, G. Harper Hall, Louis Lemieux, W. R. B. Bertram, M. J. Dunbar, J. J. Rousseau, J. D. Cleghorn, and George H. Montgomery, Jr., Chairman of the Local

Committee on Arrangements, for their excellent work in planning efficiently and completing with great success this first Montreal Meeting of the American Ornithologists' Union.

Resolved, that we express the very grateful appreciation of the American Ornithologists' Union to the Province of Quebec Society for the Protection of Birds, and to members of McGill University, of the University of Montreal, and of the Montreal Botanical Garden for their kind hospitality, thoughtfulness, and generous efforts in arranging for our Sixty-ninth Stated Meeting.

TREASURER'S REPORT, FISCAL YEAR ENDING SEPTEMBER 15, 1951

INCOME TO ACTIVE FUND ACCOUNT

Dues			
Fellows	\$ 251.00		
Members	651.50		
Associates	8,503.79		
			\$ 9,406.29
Subscriptions		1,144.47	
From Authors for Reprints		482.80	
Advertising		48.75	
Sale of Publications		610.09	
Interest from			
General Endowment Fund		1,285.40	
Ruthven Deane Fund		305.59	
Educational Endowment Fund			
20 Student Members	\$ 80.00		
Return 1950 Loan98	80.98	
Contributions to Active Publications Fund			
Result of Endowment Committee	\$ 919.00		
From other sources	1,537.00	2,456.00	
			\$15,820.37
Less returned checks			19.27
<i>Total Income—1951</i>			<u>\$15,801.10</u>

SPECIAL FUNDS

Brewster Memorial Fund			
Interest from Investments	\$ 475.82		
Returned Loan to Active Account		12.02	
Cash Honorarium to Dr. Skutch		345.00	
To General Endowment Fund Life Membership, Dr. Skutch		100.00	
Postage, Medal to Dr. Skutch (1950 Medal was purchased in 1949)33	
Balance in checking account		18.47	
			<u>\$ 475.82</u>
			<u>\$ 475.82</u>

Educational Endowment Fund

Interest from Investments	\$ 91.17	
To General Active Account (borrowed, 1950)98
Expense of Committee		3.54
To General Active Account, 20 Student Members		80.00
Balance in Checking Account		6.65
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	\$ 91.17	\$ 91.17

Bird Protection Endowment Fund

Balance from 1950	37.84	
International Union Bird Protection		40.00
Interest from Investments	62.75	
International Committee Bird Protection		5.00
Balance in Checking Account		55.59
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	\$ 100.59	\$ 100.59

Endowment Fund

Collected in 1948, to be invested	488.25	
Collected by Endowment Committee, 1951 Life		
Membership and partial payments	1,605.00	
Donations	456.50	
Collected by other sources		
Life Memberships and partial payments	625.00	
Donations to the Fund	129.50	
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	\$3,304.25	
To Investing Trustees		2,900.00
Collected during 1948, still to be invested		404.25
		<hr/>
		\$ 3,304.25

Special Fund for Publication of Fifth Edition of the Check-List

of North American Birds, on deposit in the Savings Department of the United States National Bank, Omaha \$ 511.25

DISBURSEMENTS

Manufacture and Distribution of 'The Auk'	\$12,386.69
Reprints (October, 1950 to July, 1951, incl.)	826.75
Editor's Expenses	500.00
Secretary's Expenses	20.55
Treasurer's Expenses	602.19
Expense 1950 meeting, paid after meeting	320.75
Expense 1951 meeting, paid before meeting	207.00
Printing and mailing (addressograph plates, stationery, 1951 dues notices, etc.)	858.97
Purchase back issues and express on donated back issues	20.13
Bank charges and refunds	42.93
Committee on Nomination of Fellows and Members, Expenses	70.20
Membership Committee, Expenses	218.16
Endowment Committee, Expenses	247.45
Hand-book, Expenses	74.81

Committee on Biography, Expenses.....		25.99
Telephone and Telegraph.....		12.37

<i>Total Expended, 1951</i>		\$16,434.94
Total Income, 1951.....	\$15,801.10	
Balance from 1950.....	285.70	16,086.80

Expended over Active Account.....		\$ 348.14
Balance in Endowment Fund.....	\$ 404.25	
Balance in Educational Fund.....	6.65	
Balance in Bird Protection Fund.....	55.59	
Balance in Brewster Fund.....	18.47	

		\$ 484.96
<i>Balance in Checking Account</i>		\$ 136.82

R. ALLYN MOSER, *Treasurer.*

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	Expiration of Term
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ALDEN H. MILLER, <i>First Vice-President</i>	1952
LUDLOW GRISCOM, <i>Second Vice-President</i>	1952
ALBERT WOLFSON, <i>Secretary</i>	1952
R. ALLYN MOSER, <i>Treasurer</i>	1952
HARVEY I. FISHER, <i>Editor of 'The Auk'</i>	1952

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ERNST MAYR.....	1952
A. W. SCHORGER.....	1952
W. J. BRECKENRIDGE.....	1953
GEORGE H. LOWERY, JR.....	1953
L. L. SNYDER.....	1953
DEAN AMADON.....	1954
HARRISON F. LEWIS.....	1954
OLIN SEWALL PETTINGILL, JR.....	1954
JEAN M. LINSDALE, <i>Cooper Ornithological Club Representative</i>	1952
BURT L. MONROE, <i>Wilson Ornithological Club Representative</i>	1952
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JAMES P. CHAPIN, 1939-42.....	
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HOYES LLOYD, 1945-48.....	
ROBERT CUSHMAN MURPHY, 1948-50.....	
JAMES L. PETERS, 1942-45.....	
ALEXANDER WETMORE, 1926-29.....	

INVESTING TRUSTEES

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G. RUHLAND REBBMANN, JR.....	1952
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