

PROCEEDINGS OF THE SEVENTY-FIFTH STATED MEETING
OF THE AMERICAN ORNITHOLOGISTS' UNION

BY HAROLD MAYFIELD, SECRETARY

THE Seventy-fifth Stated Meeting of the American Ornithologists' Union was held from September 10 to 15, 1957, at Cape May, New Jersey. Business sessions were held on September 10, papers sessions on September 11, 12, and 13, and field trips on September 14 and 15. Sponsoring organizations were the Philadelphia Academy of Natural Sciences and the Delaware Valley Ornithological Club.

BUSINESS SESSIONS

On September 10, the Council met throughout most of the day, the Fellows met late in the afternoon, and the Fellows and Elective Members met together in the evening. The Council and the Fellows met again separately on September 12.

1958 Meeting.—The Seventy-sixth stated meeting (75th anniversary) will be held from October 14 to 19, 1958, in New York City, by invitation of American Museum of Natural History, the Linnaean Society of New York, the National Audubon Society, and the New York Zoological Society. This city was the site of the founding and of the fiftieth anniversary meeting. Dean Amadon of the American Museum of Natural History was appointed Chairman of the Local Committee.

1959 Meeting.—The Council tentatively selected Regina, Saskatchewan, for the 1959 meeting, probably to be held in late August of that year. This would be the first meeting in the Prairie provinces of Canada. Final decision will be made at the 1958 meeting.

The Council also considered an invitation from Michigan and views that region favorably for a future meeting, perhaps 1960.

Awards. The Brewster Memorial Award, by action of the Council, was presented to Robert P. Allen of Tavernier, Florida, for his life history studies of the large wading birds. The author was commended for these important contributions to ornithology obtained through painstaking research and illuminated by philosophical conclusions. Of these studies, those on the Whooping Crane (1952 and supplement in 1956) and on the Flamingo (1956) were published within the last five years.

Marcia B. Tucker Awards, assisting young ornithologists of promise to attend the annual meeting, were given by vote of the officers to Walter Bock, Paul Johnsgard, Douglas Lancaster, and Richard L. Zusi.

Patrons. The Council voted to inscribe the names of five members permanently in the rolls of the Union as Patrons in recognition of generous contributions to the organization: Crawford H. Greenewalt, Ludlow

Griscom, Mrs. B. Brewster Jennings, Loye Holmes Miller (through a gift in his honor by Mrs. Herbert E. Carnes), and Josselyn Van Tyne (posthumously).

Amendments to the By-Laws. Several amendments to the By-laws and Rules were proposed by the Fellows and considered by the Council. Final action on these proposals will be taken at the 1958 meeting of Fellows:

Article I, Section 1. "The membership of the Union shall consist of the following classes: (1) Fellows, (2) Emeritus Fellows, (3) Honorary Fellows, (4) Corresponding Fellows, (5) Elective Members, (6) Members, (7) Honorary Members, and (8) Patrons." (Adds the class "Honorary Members.")

Article I, Section 2, second sentence. "They (the Fellows) shall be limited to fifty individuals of not more than sixty years of age, and this without prejudice to the number, status, or further election of older Fellows." (Formerly the age division was set at sixty-five years.)

Article I, Section 6, second sentence. "Elective Members shall be limited to two hundred individuals of not more than seventy years of age, and this without prejudice to the number or status of older Elective Members." (Formerly the number was limited to 200 individuals regardless of age.)

Article I, Section 8. "Honorary Members shall be elected by the Council. To be eligible for the class of Honorary Member a person shall have performed meritorious service to the Union, to ornithology or to allied sciences which, in the opinion of the Council, merits this special recognition. If the person elected has been an Elective Member, he shall be designated an Honorary Elective Member." (This is a new section. It gives official status to a class previously recognized without sanction by the By-laws.)

Article IV, Section 3, paragraph 2: Eliminate the second sentence, which begins "During the first year . . ." and insert instead the sentence, "A retiring Vice-president is not eligible for immediate re-election as Vice-president."

Article V, Section 1. "Annual dues will be paid by Fellows, Elective Members and Members. The amount of the annual dues will be set by the Council. No dues shall be required of Patrons, Honorary Fellows, Corresponding Fellows, Emeritus Fellows, or Honorary Members." (This removes the amount of dues from the By-laws and specifies the exempt classes.)

Article V, Section 5. "Fellows, Elective Members, and Members, not in arrears for dues, and Emeritus Fellows, Honorary Fellows, Corresponding Fellows, and Honorary Members shall receive the regular serial

publication of the Union, entitled "The Auk," gratis." (This specifies which classes get "The Auk" free and implies that there may be special publications of the Union which do not go automatically to members of any class.)

Reports of Officers. The Secretary reported that 3109 copies of "The Auk" are being mailed; this mailing list includes all classes of members, subscriptions, and exchanges with other journals. The Treasurer's records showed members by classes as follows:

Fellows.....	73
Fellows Emeriti.....	2
Honorary Fellows.....	19
Corresponding Fellows.....	65
(all those elected in 1956 have signified acceptance)	
Elective Members.....	195
Honorary Life Elective Members.....	3
Members.....	2330
Honorary Life Members.....	26
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Total Membership.....	2713

The Council voted to elect John B. May, Honorary Life Elective Member.

The report of the Treasurer appears in full elsewhere in "The Auk". The Treasurer's records were examined and found in order by the Auditing Committee (Hoyes Lloyd, Chairman; S. Dillon Ripley; and Frederick C. Lincoln).

The Council decided that the income from the Josselyn Van Tyne Memorial Fund be used for research in ornithology in the broadest sense. Awards are to be made on the recommendation of the Research Committee and may cover various expenses in a research project, such as travel, equipment, clerical help, publication and other items. This fund was started in February, 1957, and already amounts to more than \$5000. Efforts to enlarge this fund will be directed by Philip S. Humphrey.

Stephen S. Gregory, Chairman of the Investing Trustees, reported that the appraised value of the endowment holdings on July 31, 1957, was \$106,461 after the withdrawal of \$12,328 through liquidation of the Special Publications Fund to provide additional money for the printing of the Check-list. The net earnings of the fund for the ten months ending July 31, 1957, were \$3,304.86.

The Editor of "The Auk," Robert W. Storer, reported that the four issues, beginning with the October, 1956, issue, contained 544 pages and

30 plates. Col. L. R. Wolfe has consented to prepare the Index of the present volume along with his work on the Ten-year Index. The Ten-year Index for the 1940's by Charles K. Nichols is to be printed in the coming year unless unforeseen difficulties arise. Special thanks were expressed to Frank McKinney, who has been responsible for the Recent Literature section of "The Auk."

Handbook. Ralph S. Palmer, Editor of the proposed Handbook, reported that manuscripts for the first volume should be completed by December 1, 1957. Most of the range maps for this volume are completed and work on the other illustrations has begun.

Reports of Committees. A. W. Schorger, Chairman of the Committee on Biography, reported that three memorials and eight obituaries were published during the year ending with the April, 1957, issue of "The Auk." During the year ending October 21, 1957, the committee received notices of the deaths of eleven Members, two Elective Members, four Fellows, one Corresponding Fellow, and one Honorary Fellow:

- Logan Johnson Bennett, Elective Member, Sept. 12, 1957, Las Vegas, N.M.
- John R. Cruttenden, Member, Sept. 7, 1956, at Quincy, Ill.
- Ralph Emerson DeLury, Member, Sept. 20, 1956, at Port Perry, Ontario.
- William Gilbert Fargo, Member, Feb. 2, 1957, at Pass-A-Grille, Fla.
- Edwin Marble Hasbrouck, Member, May 25, 1956, at Washington, D.C.
- Miss Pearl Heaps, Member, July 6, 1956, at Baltimore, Md.
- Laurence Emerson Hicks, Fellow, Jan. 20, 1957, at Columbus, Ohio.
- Edward Andrews Ingraham, Member, Oct. 7, 1956, at Brooklyn, N.Y.
- Sir Norman Boyd Kinnear, Honorary Fellow, Aug. 11, 1957, London, England.
- W. C. Malcolm, Member, July 5, 1956, at Trochu, Alberta.
- Walter Reginald Brook Oliver, Corresponding Fellow, May 16, 1957, at Wellington, N.Z.
- Lucius H. Paul, Member, Aug. 6, 1955, at Rochester, N.Y.
- Howard Robertson, Member, Oct. 17, 1956, at Los Angeles, Cal.
- William Rowan, Fellow, June 30, 1957, at Edmonton, Alberta.
- James Savage, Elective Member, Feb. 7, 1957, at Buffalo, N.Y.
- John William Scott, Member, Aug. 15, 1956, at Laramie, Wyoming.
- Josselyn Van Tyne, Fellow, Jan. 30, 1957, at Ann Arbor, Mich.
- Robert Walcott, Member, Nov. 11, 1956, at Boston, Mass.
- John Todd Zimmer, Fellow, Jan. 6, 1957, New York City.

William H. Behle, Chairman of the Committee on Student Membership Awards, reported by mail that 47 students were named to receive "The Auk" free of charge for one year. Their names were published in the April, 1957, issue of "The Auk".

Donald S. Farner, Chairman of the Committee on Research, reported that there has been consideration of another major publication comparable to "Recent Studies in Avian Biology" (1955), but it was agreed that such volumes should be spaced several years apart. It will be a respon-

sibility of this Committee to recommend awards from the Josselyn Van Tyne Memorial Fund.

Alexander Wetmore, Chairman of the Committee on Classification and Nomenclature, reported that the work of this Committee was completed with the publication of the Fifth Edition of "The A.O.U. Check-list of North American Birds" on August 28, 1957. By action of the Finance Committee, the price was set at \$8.00 per copy. The book contains 704 pages. The edition is 3000 copies letterpress, with provision for a further printing by offset if necessary. The Committee asked that it be discharged after 18 years of work. The Council expressed special thanks to this Committee.

Mrs. Herbert E. Carnes, Chairman of the Endowment Committee, reported additions to the Endowment Fund of \$5171 between October 1, 1956, and July 31, 1957. This amount included gifts entitling Ludlow Griscom, Loye Miller (through contribution from Mrs. Carnes), and Josselyn Van Tyne to be named as Patrons. The other Patrons elected at this meeting were recognized for gifts to other phases of the work of the organization.

Ira N. Gabrielson submitted the report prepared by E. R. Kalmbach, Chairman of the Committee on Bird Protection. This report appears in full separately in 'The Auk.'

Between the 1956 and 1957 meetings of the A.O.U., President Ernst Mayr appointed a special Committee for the Relief of Hungarian Ornithologists with Frederick Greeley, Chairman.

Alexander Wetmore reported that the Library of Congress had consented to preserve certain early records of the A.O.U. These records, which had been in the possession of T. S. Palmer, would be available to members and other interested scholars. The Council voted to deposit these records in the Library of Congress.

Election of Officers. At the meeting of Fellows and Elective Members, the officers were re-elected, except as follows: Austin L. Rand advanced automatically from Second to First Vice-president; and George H. Lowery, Jr., who had vacated the office of First Vice-president, was immediately elected Second Vice-president.

Four new members were elected to the Council to fill vacancies there: John T. Emlen, Jr., Eugene Eisenmann, Olin Sewall Pettingill, Jr., and John W. Aldrich. The complete list of officers and Council members appears on pp. 78-79.

Robert W. Storer had indicated at the last annual meeting that he wished to resign as Editor of 'The Auk' after the completion of the present volume (October, 1957). The Council accepted his resignation with warmest thanks for his five years' service in this position.

Eugene Eisenmann was elected Editor of 'The Auk' by action of the Council.

ELECTION TO SPECIAL CLASSES OF MEMBERSHIP

FELLOW

Donald S. Farner, Pullman, Washington
Hans Albert Hochbaum, Delta, Manitoba, Canada
Harrison B. Tordoff, Ann Arbor, Michigan

CORRESPONDING FELLOWS

Walter Hoesch, Okahandja, South Africa
Günter Niethammer, Bonn, West Germany

ELECTIVE MEMBERS

Virgilio Biaggi, Jr., Mayaguez, Puerto Rico
Tom J. Cade, Los Angeles, California
William C. Dilger, Ithaca, New York
Donald R. Eckelberry, Babylon, New York
William W. Griffin, Atlanta, Georgia
Frank A. Hartman, Columbus, Ohio
David W. Johnston, Macon, Georgia

ATTENDANCE

Registration at the meeting included 380 people from 35 states, the District of Columbia, 2 provinces of Canada, England and the Philippine Islands, as follows:

ENGLAND—*Oxford*: Mr. and Mrs. William J. L. Sladen.

PHILIPPINES—*Dumaguete City*: Dioscoro S. Rabor.

CANADA—*Ontario*: Mr. and Mrs. A. E. Allin, Mr. and Mrs. Rowley Frith, Mr. and Mrs. L. Everett Jaquith, Mr. and Mrs. Hoyes Lloyd, Robert MacLaren, Mrs. M. H. Mitchell, George W. North, Mrs. C. D. Quilliam, Mr. and Mrs. L. L. Snyder, Mr. and Mrs. George M. Stirrett, Dorothy M. Wallace. *Saskatchewan*: Fred W. Lahrman.

UNITED STATES—*Alabama*: Thomas A. Imhof. *Arizona*: Joe T. Marshall, Jr. *Arkansas*: Douglas A. James. *California*: Eben L. McMillan, Gladys McMillan, Gregory McMillan, Alden H. Miller, John E. Taft. *Connecticut*: Mr. and Mrs. E. Alexander Bergstrom, Mary A. Heimerdinger, Philip S. Humphrey, Peter M. Isleib, Charles E. Mohr, S. Dillon Ripley. *Delaware*: Mr. and Mrs. William Baxter, Jr., Mrs. Delano King Boynton, King Boynton, Mr. and Mrs. Crawford H. Greenewalt. *District of Columbia*: John W. Aldrich, Charles H. M. Barrett, Shirley Briggs, Mr. and Mrs. Hiden T. Cox, Mr. and Mrs. Malcolm Davis, Mr. and Mrs. H. G. Deignan, Bernard Feinstein, Herbert Friedmann, Mr. and Mrs. Frederick C. Lincoln, Virginia H. Russell, Ben B. Warfield, Mr. and Mrs. Alexander Wetmore. *Florida*: Oliver L. Austin, Jr., Tony Austin, J. C. Dickinson, Jr., Samuel A. Grimes, Henry M. Stevenson, Lovett E. Williams, Jr. *Georgia*: J. Fred Denton, David W. Johnston, H. L. Stoddard, Ivan R. Tomkins.

Illinois: Amy G. Baldwin, Karl E. Bartel, Mr. and Mrs. Frank Bellrose, Nicholas Collias, Mr. and Mrs. Hubert R. Doering, Mr. and Mrs. Stephen S. Gregory, S. Charles Kendeigh, Mr. and Mrs. Cyrus Mark, Mr. and Mrs. Austin L. Rand, Melvin A. Traylor, Jr., Albert Wolfson, Mrs. Grace M. Yeatter, Ralph E. Yeatter. *Indiana*: M. Philip Kahl, Val Nolan, Jr., Ruby O. Wolfe. *Iowa*: Mrs. Ora van Heeswyk.

Kansas: John William Hardy. *Kentucky*: Mr. and Mrs. Yancey R. Altsheier. *Louisiana*: Douglas A. Lancaster, Mr. and Mrs. George H. Lowery, Jr., Robert J. Newman, Edwin Willis. *Maine*: O. S. Pettingill, Jr., Frederick P. Poole. *Maryland*: John C. Boyd, Allen J. Duvall, Sue R. Flick, Frederick K. Hilton, Marshall C. Johnston, Walden Pell, II, Mr. and Mrs. A. Ogden Ramsay, Chandler S. Robbins, Stephen W. Simon, Robert Sundell, Robert A. Tyson. *Massachusetts*: Aaron M. Bagg, R. H. Barth, Jr., L. M. Bartlett, Jack Beattie, Walter J. Bock, Mr. and Mrs. Prince S. Crowell, Richard T. Darby, William H. Drury, Jr., Mrs. Ruth P. Emery, Carl W. Helms, Mr. and Mrs. Ernst Mayr, Dorothy E. Snyder, Wendell Taber, Louis B. Thacher, Jr. *Michigan*: Laurence C. Binford, Robert D. Burns, Mr. and Mrs. Nicholas L. Cuthbert, Mr. and Mrs. Donald W. Douglass, Mrs. Edith K. Frey, Elmer J. Kuhn, Peter Stettenheim, Mr. and Mrs. Robert W. Storer, Mrs. Josselyn Van Tyne, George J. Wallace, Richard L. Zusi. *Minnesota*: Mrs. Mary L. Lupient. *Missouri*: Paul Bruce Dowling, Hazel B. Philbrick. *New Hampshire*: Robert W. Smart.

New Jersey: Robert C. Alexander, Mr. and Mrs. William J. Bailey, Richard O. Bender, Irving H. Black, Mrs. Herbert E. Carnes, Ann Chamberlain, Mrs. Richard Chamberlain, Dorothy M. Compton, Robert C. Conn, James K. Davis, Mr. and Mrs. Stanley S. Dickerson, Anna M. Flaherty, Mr. and Mrs. Russell S. Fowler, Gladys Gordon Fry, Robert L. Haines, Francis Harper, Mrs. C. M. Howard, Mr. and Mrs. Joseph Irish, Joseph R. Jehl, Jr., John M. Jubon, Donald E. Kunkle, M. Albert Linton, Edward R. Manners, John A. McDougall, Mr. and Mrs. Frank W. McLaughlin, Herbert H. Mills, Mr. and Mrs. Thurlow C. Nelson, Harvey L. Patten, Mr. and Mrs. Julian K. Potter, George B. Reynard, Charles H. Rogers, Anna Rutherford, William F. Sandford, Katharine M. Schmucker, Mr. and Mrs. Thomas F. Shea, Jeff Swinebroad, Sarah A. Thomas, Fred Kent Truslow, Mrs. Anne W. Wachenfeld, Helen J. Williams, Floyd P. Wolfarth. *New York*: Mr. and Mrs. Arthur A. Allen, Mr. and Mrs. Dean Amadon, Robert F. Andrie, Vera Auten, Harold H. Axtell, Mr. and Mrs. John H. Baker, Mr. and Mrs. Wilson C. Bloomer, Mr. and Mrs. Winston Wm. Brockner, Carl W. Buchheister, Paul A. Buckley, John L. Bull, Robert L. Burnap, John Bursewicz, Geoffrey Carleton, Peter Crary, A. J. Dignan, David W. Dunham, Mr. and Mrs. Stephen W. Eaton, Mr. and Mrs. Don R. Eckelberry, Mrs. C. N. Edge, Eugene Eisenmann, Mr. and Mrs. Robert W. Ficken, Richard B. Fischer, Devin A. Garrity, E. Thomas Gilliard, Robert H. Grant, Marjorie E. Groesbeck, Mr. and Mrs. William M. Groesbeck, Fred T. Hall, James M. Hartshorne, Mr. and Mrs. Oliver H. Hewitt, Mrs. Southgate Y. Hoyt, Mrs. Raymond V. Ingersoll, Mr. and Mrs. Paul A. Johnsgard, Mr. and Mrs. Peter Paul Kellogg, Wesley E. Lanyon, Elizabeth S. Manning, Heinz K. Meng, Harold D. Mitchell, Mr. and Mrs. James Monroe, Mrs. Robert Cushman Murphy, Theodora Nelson, Mr. and Mrs. Maynard A. Nichols, Ralph S. Palmer, Roger Payne, Mr. and Mrs. Gilbert S. Raynor, Edward L. Seeber, Dorothy Seeber, Lester L. Short, Jr., Mr. and Mrs. Charles G. Sibley, Neal P. Smith, Stuart Craig Smith, Mrs. Dayton Stoner, Mr. and Mrs. Lyman K. Stuart, Brenda Sullivan, Mr. and Mrs. John K. Terres, Edward C. Ulrich, Mr. and Mrs. Charles Vaurie, Jason A. Walker, Donald H. Warren, Robert Werlein, Mr. and Mrs. S. LeRoy Wilcox, David A. West, Mr. and Mrs. Robert G. Wolk.

North Carolina: Charles H. Blake, Wendell P. Smith. *Ohio*: Mrs. Robert V. D. Booth, James Bruce, Ralph W. Dexter, Frank A. Hartman, Harold F. Mayfield, Vincent P. McLaughlin, Mildred Miskimen, Warner Seely, Mr. and Mrs. Milton B. Trautman. *Oregon*: Chris Mathews. *Pennsylvania*: Charles R. Burk, Mrs. C. R.

Burk, Jr., James Bond, Dorothy L. Bordner, Mrs. Earl R. Bordner, Joel Cadbury, Joseph M. Cadbury, Ernest A. Choate, Robert E. Cook, Mr. and Mrs. Kenneth B. Corbett, David A. Cutler, Mr. and Mrs. John D. Denney, Joseph M. Devlin, James A. Fowler, Frederick V. Hebard, Mrs. Harold Hibbert, Quintin Kramer, Mr. and Mrs. Philip A. Livingston, Mr. and Mrs. Norman J. McDonald, John F. McIlvain, J. d'Arcy Northwood, Mr. and Mrs. William Overlease, Kenneth C. Parkes, Myrtle S. Pelot, Earl L. Poole, Mr. and Mrs. Frank W. Preston, Conrad W. Raker, Hannah Ely Raker, H. Radclyffe Roberts, Mr. and Mrs. Wm. Ely Roberts, Mr. and Mrs. Robert H. Sehl, Mr. and Mrs. Robert C. Stein, Mr. and Mrs. Phillips B. Street, Elizabeth A. Taft, Mr. and Mrs. Lester S. Thomas, W. E. Clyde Todd, John E. Trainer, Mr. and Mrs. Henry T. Underdown, Mr. and Mrs. Rodman Ward, Mr. and Mrs. Harold B. Wood, Mr. and Mrs. Merrill Wood, William F. Zimmerman. *Rhode Island*: James Baird, Roland C. Clement, Mrs. A. G. Davenport. *South Carolina*: John Henry Dick, Alexander Sprunt, Jr., Alexander Sprunt, IV. *Tennessee*: Joseph C. Howell, Mrs. Amelia R. Laskey, James T. Tanner. *Texas*: L. Irby Davis, Ernest P. Edwards. *Virginia*: E. J. Barnes, Gorman M. Bond, Mrs. C. L. Burgess, Mr. and Mrs. Ira N. Gabrielson, Edith Hague, Florence S. Hague, Elizabeth J. Mulloy, Milton S. Mulloy, J. J. Murray. *Washington*: Donald S. Farner. *West Virginia*: Richard R. Bond, Mr. and Mrs. Maurice G. Brooks, Earl N. McCue. *Wisconsin*: Mr. and Mrs. Robert P. Breitenbach, John T. Emlen, Jr., Mr. and Mrs. A. W. Schorger.

PUBLIC SESSIONS

Papers sessions were held in the morning and afternoon of each of the three days beginning Wednesday, September 11. The papers sessions were held in Convention Hall at Cape May, New Jersey.

WEDNESDAY MORNING SESSION

The meeting was opened by an address of welcome by M. Albert Linton for the Academy of Natural Sciences of Philadelphia and by Philip A. Livingston for the Delaware Valley Ornithological Club. Ernst Mayr, President of the American Ornithologists' Union, responded. Secretary, Harold F. Mayfield, summarized the results of the previous day's business sessions, including elections and awards.

The Forms of the Common Screech Owl (*Otus asio*) in Mexico. (Slides) JOE T.

MARSHALL, JR., Department of Zoology, University of Arizona, Tucson, Arizona, and Western Foundation of Vertebrate Zoology.

Character Displacement in Some Philippine Cuckoos (*Centropus*). (Slides) KENNETH C. PARKES, Carnegie Museum, Pittsburgh, Pennsylvania.

Isolating Mechanisms Between American Crows. (Slides) DAVID W. JOHNSTON, Department of Biology, Mercer University, Macon, Georgia.

Analysis of Hybridization in Red-shafted and Gilded Flickers. (Slides) LESTER L. SHORT, JR., Department of Conservation, Cornell University, Ithaca, New York.

The Present Status of the Rarer Lesser Antillean Birds. JAMES BOND, Academy of Natural Sciences of Philadelphia, Philadelphia, Pennsylvania.

WEDNESDAY AFTERNOON SESSION

Breeding Behavior of the Black-Headed Weaverbird *Textor Cucullatus Graveri* (*Hartert*), In the Belgian Congo. (Motion Picture) ELSIE C. COLLIAS and NICHOLAS E. COLLIAS, Illinois College, Jacksonville, Illinois.

- Observations on the Life History of the Tinamou, *Crypturellus boucardi*. (Slides) DOUGLAS A. LANCASTER, Louisiana State University, Baton Rouge, Louisiana.
- Studies of the Breeding Biology of the Lapland Longspur. WILLIAM H. DRURY, JR., Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- The Nest, Eggs, and Young of the Pileated Flycatcher, *Aechmolphus mexicanus*. (Motion Picture) ERNEST P. EDWARDS, Houston Museum of Natural History, Houston, Texas.
- Breeding Cycle and Nest Orientation in a Colony of Chimney Swifts at Kent, Ohio. (Slides) RALPH W. DEXTER, Department of Biology, Kent State University, Kent, Ohio.
- Feeding Behavior of the Black Skimmer. (Motion Picture) RICHARD L. ZUSI, Museum of Zoology, University of Michigan, Ann Arbor, Michigan.
- Pair Formation in the Black Skimmer. (Slides) ROBERT G. WOLK, Department of Biology, St. Lawrence University, Canton, New York.
- Celestial Orientation by Wild Mallards. (Slides) FRANK BELLROSE, Illinois Natural History Survey, Havana, Illinois.

THURSDAY MORNING SESSION

- The Effect of Human Depopulation on the Birds of the Malton Valley Area of Tennessee. (Slides) JOSEPH C. HOWELL, Department of Zoology and Entomology, University of Tennessee, Knoxville, Tennessee.
- The Southeastern Limits of the Breeding Ranges of Certain North American Birds and the Associated Ecological Factors. (Slides) J. FRED DENTON, Medical College of Georgia, Augusta, Georgia.
- Determinants of the Lower Altitudinal Limits of Nesting Juncos. (Slides) JAMES T. TANNER, Department of Zoology, University of Tennessee, Knoxville, Tennessee.
- The Pine-Oak Avifauna of Mexico as a Source of California Species. (Slides) ALDEN H. MILLER, Museum of Vertebrate Zoology, University of California, Berkeley, California.
- The Identification of Bird Communities. (Slides) S. CHARLES KENDEIGH, University of Illinois, Urbana, Illinois.
- Sampling Error in the Spot-Mapping Method of Estimating Breeding Bird Populations. DOUGLAS JAMES, Department of Zoology, University of Arkansas, Fayetteville, Arkansas.
- The Food Supply of Wintering Bird Populations in Missouri. (Slides) PAUL BRUCE DOWLING, Missouri Conservation Commission, Weldon Spring, Missouri.

THURSDAY AFTERNOON SESSION

- The Limiting Effects of Low Temperatures upon Nocturnal Departure in Migratory Wood Warblers in Fall. JOSEPH M. DEVLIN and JACK N. WYKOFF, 218 South 43rd Street, Philadelphia, Pennsylvania.

Symposium on Migration of Southern Hemisphere Birds

ALBERT WOLFSON, Cresap Laboratories, Northwestern University,
Evanston, Illinois, *Moderator*

- The Stimulatory Mechanisms Influencing Migration. DONALD S. FARNER, Department of Zoology, State College of Washington, Pullman, Wash.
- Migration of Antipodean Pelagic Birds. OLIVER L. AUSTIN, JR., Research Studies Institute, Maxwell Air Force Base, Alabama.

- Migration of South American Birds. ALEXANDER WETMORE, Smithsonian Institution, Washington, D. C.
- Casual Notes on Bird Migration in Southern Africa. HERBERT FRIEDMANN, Smithsonian Institution, Washington, D. C.
- Migration of Malayan and East Indian Birds. AUSTIN L. RAND, Chicago Natural History Museum, Chicago, Illinois.
- Migration of Australian Birds. ERNST MAYR, Harvard University, Cambridge, Massachusetts.

FRIDAY MORNING SESSION

- Chemical Responses of Bird Seminal Vesicle to Varying Doses of Testosterone. (Slides) FREDERICK K. HILTON, Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland.
- Effect of Food Intake on Fat Metabolism in the Ringnecked Pheasant Hen. (Slides) R. P. BREITENBACH, R. K. MEYER, and C. L. NAGRA, Departments of Zoology, University of Wisconsin, Milwaukee, and Madison, Wisconsin.
- Winter Variation in Weights of Tree Sparrows. (Slides) CARL W. HELMS, Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- Serum Proteins as Taxonomic Characters. (Slides) CHARLES G. SIBLEY, Department of Conservation, Cornell University, Ithaca, New York.
- Double Articulation of the Lower Jaw of Birds. (Slides) WALTER J. BOCK, Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- Diving and Underwater Locomotion of the California Murre. (Motion Picture) PETER STETTENHEIM, Museum of Zoology, University of Michigan, Ann Arbor, Michigan.
- Factors in Avian Locomotion. (Slides) FRANK A. HARTMAN, Ohio State University, Columbus, Ohio.

FRIDAY AFTERNOON SESSION

- Experiments on the Possible Uses of Some Tranquilizing Drugs in Ornithology. (Slides) OLIVER H. HEWITT, Department of Conservation, Cornell University, Ithaca, New York.
- Prey Location in Total Darkness by a Barn Owl. (Slides) ROGER PAYNE and WILLIAM H. DRURY, JR., Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- A Quantitative Comparative Study of the Courtship Displays of the Mallard, The Black Duck, and of a Hybrid between Them. (Motion Picture) A. OGDEN RAMSAY, McDonough School, McDonough, Maryland.
- Some Courtship Displays of the Horned Grebe. (Motion Picture) ROBERT W. STORER, Museum of Zoology, University of Michigan, Ann Arbor, Michigan.
- Studies of a Dry-Land Colony of Western Grebes. (Slides) FRED W. LAHRMAN, Regina, Saskatchewan.
- Display and Mate Selection in Whydahs (*Colinus passer*) and Bishop Birds (*Euplectes*). (Slides) JOHN T. EMLÉN, JR., Department of Zoology, University of Wisconsin, Madison, Wisconsin.
- Effect of Objects on Morphology of Bower Birds. (Motion Picture) E. THOMAS GILLIARD, American Museum of Natural History, New York, New York.
- Observations on the Social and Hostile Behavior of Captive Redpolls. (Slides) WILLIAM C. DILGER, Laboratory of Ornithology, Cornell University, Ithaca, New York.

SOCIAL EVENTS

A Reception, followed by dinner for Fellows and Council members, was held in the Macomber Hotel on September 10. "Midland to Maritime," a motion picture by Frank W. McLaughlin, was shown in Convention Hall. The President's Coffee Reception was held in the Colonial Hotel.

Motion pictures by Arthur A. Allen ("Cornell's New Research Center for the Laboratory of Ornithology") and James M. Hartshorne ("Vocalizations of the Trumpeter Swan") were shown in the evening of September 11. An Open House was held in the Colonial Hotel.

The Annual Banquet was held on September 13 in the Colonial Hotel.

FIELD TRIPS

On Saturday, September 14, visitors were taken on an all-day trip to the Brigantine National Wildlife Refuge and the Beach Haven Inlet area. On Sunday, September 15, there was a boat trip through the Inland Waterway. Those who wished to visit the Hawk Mountain Sanctuary were taken by private cars to Reading, where the night was spent. On Monday, the group visited Hawk Mountain.

RESOLUTIONS

The following resolutions were submitted by the Resolutions Committee (Alden H. Miller, *Chairman*; Eugene Eisenmann; and Kenneth Parkes) and approved by the General Session on September 13, 1957.

Resolved, that the people of Stone Harbor and Cape May be commended for setting aside and preserving the Stone Harbor Bird Sanctuary and the Witmer Stone Sanctuary. The Stone Harbor Sanctuary is for the purpose of preserving a large and important heron rookery and the Witmer Stone Sanctuary for general bird preservation and to commemorate the name of Witmer Stone, the best known student of Cape May birds.

Resolved, that the American Ornithologists' Union in formal congress assembled congratulates the Japanese Association for the Protection of Birds on its success in preserving for posterity the last remaining colony of the Short-tailed Albatross, *Diomedea albatrus*, and extends its thanks and gratitude for their efforts in behalf of science and humanity.

Resolved, that the American Ornithologists' Union heartily endorses the methods proposed by the Bureau of Sport Fisheries and Wildlife for protecting uniformed and civilian air personnel on Midway Island against the possibilities of accident from collisions with birds, either by means of levelling the areas adjacent to air-strips to prevent albatrosses soaring,

or by means of tarring nearby sand surfaces to eliminate the presence of sooty terns. The Union hopes that these constructive conservation measures will be pursued and carried out before any attempt is made to use other means involving potential destruction of these bird populations.

Resolved, that the Conservation Commission of the state of Michigan be commended for setting aside suitable areas of State Forest to be managed permanently for the benefit of the Kirtland's Warbler. We believe this may be the first preserve created for a song bird in America.

Resolved, that the American Ornithologists' Union assembled for its 75th Stated Meeting, at famous and memorable Cape May, New Jersey, takes this opportunity to express its deep appreciation of the warm hospitality and excellent planning of this highly successful meeting by the Local Committee on Arrangements and by our two host organizations: The Academy of Natural Sciences of Philadelphia, and the Delaware Valley Ornithological Club. The Union extends its warmest thanks to each member of the Local Committee:

Co-Chairmen: M. Albert Linton, Philip A. Livingston, and Phillips B. Street

Robert C. Alexander

William J. Bailey

Joseph M. Cadbury

Betty Carnes

Ernest A. Choate

Mr. and Mrs. John M. Jubon

F. Russell Lyons

Mr. and Mrs. Norman J. McDonald

Mr. and Mrs. Frank W. McLaughlin

Mr. and Mrs. William Overlease

Mr. and Mrs. Thomas F. Shea

Sarah H. Thomas

And be it further *resolved* that the Union express its thanks to:

Cape May County Historical Society
 Cape May County Art League
 Woman's Community Club of Cape May Court House
 Cape May Geographic Society
 Witmer Stone Club of Stone Harbor
 Audubon Center of South Jersey
 New Jersey Audubon Society
 Owners of Homes and Historic Buildings,

for their cordiality and assistance.

OFFICERS AND TRUSTEES OF THE AMERICAN ORNITHOLOGISTS' UNION

	<i>Expiration of Term</i>
Ernst Mayr, <i>President</i>	1958
Austin L. Rand, <i>First Vice-President</i>	1958
George H. Lowery, Jr., <i>Second Vice-President</i>	1958
Harold F. Mayfield, <i>Secretary</i>	1958
Charles G. Sibley, <i>Treasurer</i>	1958
Eugene Eisenmann, <i>Editor of 'The Auk'</i>	1958