

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

## SEVENTY-FIFTH ANNIVERSARY MEETING

BY HAROLD MAYFIELD, SECRETARY

The Seventy-sixth Stated Meeting (seventy-fifth anniversary) of the American Ornithologists' Union was held from October 14 to 19, 1958, at the American Museum of Natural History, New York. Business sessions were held on October 14, papers sessions on October 15, 16, and 17, field trip to Long Island on October 18, and tour of the New York Zoo on October 19. Sponsoring organizations were the American Museum of Natural History, the Linnaean Society of New York, the National Audubon Society, and the New York Zoological Society.

## BUSINESS SESSIONS

On October 14, 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 held a second meeting in the evening of October 16.

*1959 meeting.* The Seventy-seventh Stated Meeting will be held from August 25 to 30, 1959, at Regina, Saskatchewan, by invitation of the Saskatchewan Museum of Natural History, the Saskatchewan Natural History Society, the Regina Natural History Society, and Regina College. This is the first A.O.U. meeting to be held in the Prairie provinces of Canada.

Tentatively consideration is being given to Ann Arbor, Michigan, as the site for the 1960 meeting, and Washington, D. C., for 1961.

*Awards.* The Brewster Memorial Award, by action of the Council, was presented to Arlie William Schorger for his scholarly and meticulous study of the extinct species—the Passenger Pigeon, whose dramatic disappearance from the earth focused attention on the great need for education and laws to protect nonrenewable resources. Dr. Schorger has made a valuable contribution to ornithology by his painstaking and exhaustive efforts to collect all available observations on this extinct species, through correspondence, interviewing and study of published records, and by reconstructing its life history, despite the existence of a large body of contradictory literature. His work is a fine example of the use of the historical method in ornithology. His study also presents the most accurate record we have of man's role in the incredible extinction of an abundant species in a short time. It cannot help but have an impact on the education of man for conservation of all living things, including himself.

Marcia B. Tucker Awards, assisting young ornithologists of promise to attend the annual meeting, were given by vote of the officers to J. William Hardy, University of Kansas; Fant W. Martin, Utah State University; Jared Verner, Louisiana State University; and Glen Woolfenden, University of Florida.

*Patrons.* The Council voted to inscribe the names of six members permanently in the rolls of the Union as Patrons in recognition of generous contributions to the organization: Alfred Gross (through a gift in his honor by Betty Carnes), Cyrus Mark, Roger T. Peterson, Herbert Stoddard, Mrs. Johnathan Dwight (posthumously), James Savage (posthumously).

*Amendments to the By-laws.* All of the amendments proposed in 1957 (except that dealing with Elective Members) were adopted. Those adopted follow:

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 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 reelection 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.)

*Membership.* The Secretary reported that 2930 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 before the elections in this meeting as follows:

Fellows .....	78
Fellows Emeriti .....	2
Honorary Fellows .....	19
Corresponding Fellows .....	67
Elective Members .....	197
Honorary Elective Members .....	5
Members .....	2,246
Student Members .....	38

Charles H. Blake, Chairman of the Membership Committee, reported by letter that twenty-five members, regionally located, were serving with his committee. He reported that as of September 24, 1958, the A.O.U. had enrolled 117 new members since the last annual report and had lost 141, a net loss of 24. He suggested that income from dues might be increased by creating a contributing membership with dues of \$10 per year.

*Finances.* 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; Herbert G. Deignan; James C. Greenway, Jr.).

The dues for all classes of members paying dues were set at \$5 per year by vote of the Council, which had just been empowered to do so by amendment to the By-laws.

With the inclusion of gifts announced at the meeting—that is, after the close of the fiscal year on July 31—the Josselyn Van Tyne Memorial Fund for research in ornithology totalled more than \$7000. The further growth of this fund is to be directed by Betty Carnes and Roger T. Peterson.

Stephen S. Gregory, Chairman of the Investing Trustees, reported

that the appraised value of the endowment holdings as of July 31, 1958, was \$115,199. The additions by gifts during the year were \$14,750, and the earnings were \$3,725.

Betty Carnes, Chairman of the Endowment Committee, reported that this had been a good year for the Endowment Fund, with bequests from James Savage of \$10,000 and (too late to be included in the fiscal year) from Mrs. Jonathan Dwight of \$6250. In all, the gifts for the fiscal year ending July 31 and the gifts after that date but before the close of the annual meeting totalled more than \$20,800. Of this amount, \$1000 from Mrs. Carnes (to name Alfred Gross, Patron) and \$500 from Roger T. Peterson were for the Josselyn Van Tyne Fund for ornithological research.

The Council voted to set aside \$500 in each of the years, 1959, 1960, 1961, and 1962 toward the expenses of the International Ornithological Congress to be held in the United States in 1962.

#### *Editorial Matters*

The Editor, Eugene Eisenmann, indicated the policies by which he had been guided, and acknowledged the help he had had not only from the members of the editorial committee but from many other bird students. Almost all articles submitted, and most notes, have been sent to at least one other ornithologist for critical appraisal. As a result, a large proportion of papers are returned to authors with suggestions for some rewriting. The Editor has urged that even the most technical article should at the start express its scope and purpose and at the end summarize its results, in language understandable by the average working ornithologist. An effort has been made to reduce the interval between receipt of a paper and its acceptance or return to the author. There is now little backlog; a manuscript once deemed in shape for publication appears very soon. The Editor reminded the Council that when accepting election last year, he told the Council he would be unable to continue beyond a second year. Three numbers of volume 75 of "The Auk" have so far appeared in 1958; the fourth is in the press. The number of pages will be about the same as in volume 74 (not counting the membership list).

Joseph J. Hickey, Chairman of the *ad hoc* Committee on the Format of "The Auk," presented in letter a preliminary report. Other members of this committee are Frank Preston, George H. Lowery, Jr., and Robert W. Storer. The aim of this committee is to review various technical aspects (format, type-bed, etc.) of "The Auk," which has been unchanged for many years. There is hope that a new approach

might permit the publication of a larger journal without sacrifice of other desirable qualities. A number of scientific journals are being compared for this purpose.

The Editor of *The Handbook*, Ralph S. Palmer, reported that approximately 70 percent of the manuscript for loons through ducks is at hand. So far as the text is concerned, work on these lower orders remaining to be done falls into three categories: (1) material unassignable to others, which the editor is preparing as fast as circumstances permit; (2) assigned material now overdue, but which there is reason to expect will be done fairly soon; and (3) assignments on which authors procrastinated, then defaulted, long after the due date. The third category, especially, has slowed the overall schedule to a degree that seems unfair to the many authors who were prompt in fulfilling their commitments.

#### *Reports of Committees.*

W. J. Breckenridge, Chairman of the Committee on Biography, reported by letter that three memorials and two obituaries were published during the year ending with the April, 1958, issue. During the year ending October 14, 1958, the committee had been informed of the deaths of one Fellow, one Corresponding Fellow, two Elective Members, and two Members:

- Oliver Austin, Sr., Elective Member, November, 1957
- A. L. Bailey, Member, October 4, 1957
- Logan J. Bennett, Elective Member, September 12, 1957
- Claude Grant, Corresponding Fellow, January 9, 1958
- James A. Munro, Fellow, September 29, 1958
- Louis B. Thacher, Jr., Member, March 24, 1958

William H. Behle, Chairman of the Committee on Student Membership Awards, reported by letter that 38 students were named to receive "The Auk" free of charge for one year. With one exception that was appointed too late for inclusion in the list, the names of these Student Members were published in the January issue of "The Auk."

S. Charles Kendeigh reporting for Donald S. Farner, Chairman of the Committee on Research, recommended as follows:

(1) That there be established on a trial basis a Research Clinic whose function will be to assist isolated investigators and investigators who plan to begin research in fields in which they are unfamiliar with existing knowledge and methodology.

(2) That appropriate action be taken to further the development and publication of a "Glossary of Scientific Terms Used in Animal Behavior."

(3) That the A.O.U. sponsor a second volume of "Recent Studies in Avian Biology."

(4) That the Research Committee continue deliberations on a scheme for compiling and dispersing information on ornithological research *in progress* and unpublished theses at colleges and universities, and possibly other organizations.

(5) That the Research Committee explore the possibility of establishing a subject-finder list in *Biological Abstracts* such as has been developed for biochemistry and fisheries biology.

Ira N. Gabrielson presented the report of E. R. Kalmbach, Chairman of the Committee on Bird Protection. This report appears separately in full in "The Auk."

#### ELECTION OF OFFICERS

At the meeting of Fellows and Elective Members, Ernst Mayr was re-elected President, George H. Lowery, Jr., was advanced automatically to First Vice-president, Dean Amadon was elected Second Vice-president, Herbert G. Deignan was elected Secretary, and Charles G. Sibley was re-elected Treasurer.

Three men were elected to the Council, with terms expiring in 1961: Oliver Austin, Jr., Harold F. Mayfield, and L. L. Snyder.

Eugene Eisenmann was re-elected Editor of "The Auk" by action of the Council. The Council also re-elected the Investing Trustees, Stephen S. Gregory, Chairman; Clarence B. Randall; and A. W. Schorger. The complete list of officers and Council members appears at the end of the Proceedings.

#### ELECTION TO SPECIAL CLASSES OF MEMBERSHIP

The following people were elected to special classes of membership:

##### FELLOW

Andrew J. Berger, Ann Arbor, Michigan  
William Pierce Brodkorb, Gainesville, Florida  
Harold F. Mayfield, Waterville, Ohio

##### HONORARY FELLOW

William Homan Thorpe, Cambridge University, England.

##### CORRESPONDING FELLOW

D. S. Rabor, Silliman University, Philippine Islands  
Franz Sauer, University of Freiburg/Breisgau, Germany  
Ernst Sutter, Natural History Museum, Basel, Switzerland  
Gunnar Svårdson, Institute for Fresh Water Research, Drottningholm, Sweden

##### ELECTIVE MEMBER

Fred H. Glenny, Akron, Ohio  
Philip S. Humphrey, New Haven, Connecticut

Wesley E. Lanyon, New York, N. Y.  
 Margaret H. Mitchell, Toronto, Ontario  
 Thomas L. Quay, Raleigh, North Carolina  
 Dale A. Zimmerman, Imlay City, Michigan

#### ATTENDANCE

Registration at the meeting included 369 people from 34 states, the District of Columbia, 3 provinces of Canada, Belgian Congo, Colombia, Denmark, England, Finland, France, Germany, Greece, Iraq, Peru, Switzerland, and Venezuela, as follows:

*Belgian Congo:* A. F. DeBont. *Colombia:* José I. Borrero. *Denmark:* Finn Salomonsen. *England:* Mr. and Mrs. James D. Macdonald, Guy Mountfort, David Peakall. *Finland:* Lars von Haartman. *France:* Jean P. Dorst. *Germany:* Franz Sauer, Mr. and Mrs. Erwin Stresemann. *Greece:* George E. Watson. *Iraq:* Munir Bunni. *Peru:* Maria Koepcke. *Switzerland:* Ernest Sutter. *Venezuela:* Mr. and Mrs. William H. Phelps, Jr.

**CANADA.** *Ontario:* James L. Baillie, Bertram Fauvel, W. E. Godfrey, Mr. and Mrs. W. W. H. Gunn, Mr. and Mrs. Paul Hahn, Mr. and Mrs. L. E. Jaquith, Mr. and Mrs. Hoya Lloyd, Mrs. Osborne S. Mitchell, George W. North, Mr. and Mrs. L. L. Snyder, Mrs. J. Murray Speirs, Barbara Stupart. *Quebec:* Mr. Justice, Mrs. G. H. Montgomery. *Saskatchewan:* Robert W. Nero.

**UNITED STATES.** *Alaska:* Brina Kessel. *Arizona:* Mr. and Mrs. Anders H. Anderson. *Arkansas:* Douglas James. *California:* Robert S. Arbib, Jr., Mrs. Enid K. Austin, George A. Bartholomew, Jr., Nicholas E. Collias, John Davis, Jean Delacour, Keith L. Dixon, Earle R. Greene, Thomas R. Howell, Robert C. Miller, Emily D. Smith, Kenneth E. Stager. *Connecticut:* E. A. Bergstrom, Leonard J. Bradley, Mary A. Heimerdinger, Mrs. Harold Hibbert, Mrs. Winthrop Hilding, Philip S. Humphrey, George E. Lippert, Halsey M. Marsden, Mr. and Mrs. Franklin McCamey, Charles E. Mohr, Mr. and Mrs. S. D. Ripley, R. M. Taylor, James L. Woodson. *Delaware:* Mr. and Mrs. Richard Herbert. *District of Columbia:* Rudyerd Boulton, Shirley A. Briggs, Herbert G. Deignan, Herbert Friedmann, Mr. and Mrs. Frederick C. Lincoln, Mrs. Louise Rehm, Virginia H. Russell, Dr. Wade, Mr. and Mrs. Alex Wetmore, Marguerite Young. *Florida:* Oliver L. Austin, Pierce Brodtkorb, Allan D. Cruickshank, Joshua C. Dickinson, William B. Robertson, Jr., Wayne Short, John H. Storer, Glen E. Woolfenden. *Georgia:* Ray C. Werner. *Idaho:* Thomas A. Burleigh. *Illinois:* Mr. and Mrs. Ormsby Annan, Mrs. Amy G. Baldwin, Karl E. Bartel, W. J. Beecher, Walter Gillespie, Mr. and Mrs. Stephen S. Gregory, Charles S. Kendeigh, Mr. and Mrs. Cyrus Mark, Mrs. Margaret M. Nice, Mr. and Mrs. A. L. Rand, Max C. Shank, Mrs. Hermon D. Smith, Melvin Traylor, John Wanamaker, George C. West, Albert Wolfson. *Indiana:* Philip M. Kahl, Jr., Val Nolan, Jr., John M. Satter. *Kansas:* John Bowles, E. Raymond Hall, John W. Hardy, R. F. Johnston, Robert M. Mengel, Max Thompson. *Louisiana:* Mrs. H. C. Hearne, Mrs. Ethel D. Jones, Mrs. Electa D. Levi, Mr. and Mrs. George H. Lowery, Jr., Robert J. Newman, Ava R. Tabor, Jared Verner. *Maine:* Alfred O. Gross, Howard L. Mendall, Christopher M. Packard, Mr. and Mrs. Olin S. Pettingill, Jr., Mr. and Mrs. Burton Whitman. *Maryland:* David E. Davis, Allen J. Duvall, Sue Flick, D. A. Jones, James H. Lloyd, Brooke Meanley, Chandler S. Robbins, Eleanor Robbins, David K. Wetherbee.

*Massachusetts:* Aaron M. Bagg, R. H. Barth, Jr., L. M. Bartlett, Walter Bock, Frances L. Burnett, Richard T. Darby, Mr. and Mrs. William H. Drury, Mrs. Ruth P. Emery, James C. Greenway, Jr., Terrell Hamilton, Carl W. Helms, John Kieran, Mr. and Mrs. Ernst Mayr, Andrew Meyerriecks, I. C. T. Nisbet, W. John Smith, Wendell Taber. *Michigan:* H. L. Batts, Jr., William R. Dawson, Robert J. Grimm, Paul Slud, Peter Stettenheim, Mr. and Mrs. R. W. Storer, Harrison B. Tordoff, Mrs. J. Van Tyne, Mr. and Mrs. L. H. Walkinshaw, George J. Wallace, Leonard W. Wing, Richard Zusi. *North Carolina:* Knut Schmidt-Nielsen. *Minnesota:* Dwain W. Warner, Paul Petersen, Arnold Petersen, Mr. and Mrs. Whitney Eastman. *Nebraska:* William F. Rapp, Jr. *New Jersey:* John A. Alderman, Beecher S. Bowdish, Mrs. Herbert E. Carnes, Don Carter, Dorothy M. Compton, Robert Conn, Mrs. John Y. Dater, Frank Frazier, Jr., Mrs. Gladys G. Fry, Mrs. Richard Gambrell, Francis Harper, J. R. Jehl, George Komorowski, Mr. and Mrs. Robert W. Krebs, D. S. Lehrman, George W. Merck, Hubert H. Mill, Bertram G. Murray, Jr., Charles K. Nichols, Norman B. Pilling, Albert Schnitzer, Eva F. Schnitzer, Robert F. Seibert, Jeff Swinebroad, Mrs. Anne W. Wachenfeld, Helen J. Williams. *New York:* Helmut E. Adler, Arthur A. Allen, Irwin M. Alperin, Mr. and Mrs. Dean Amadon, Harold H. Axtell, John H. Baker, Charles H. M. Barrett, William Beebe, John A. Behnke, Stanley Belfore, Allen H. Benton, Mrs. Albert R. Brand, Mr. and Mrs. Winston William Brockner, Carl W. Buchheister, Paul Buckley, Mr. and Mrs. John Bull, Robert Burnap, Victor Cahalane, Geoffrey Carleton, James P. Chapin, Roland C. Clement, Henry H. Collins, Jr., William G. Conway, Lee S. Crandall, Senator Thomas C. Desmond, Mr. and Mrs. William C. Dilger, Mr. and Mrs. Stephen Eaton, Don R. Eckelberry, Ruth C. Eisenhart, Eugene Eisenmann, Mrs. Orry R. Evans, E. J. Feinberg, Mr. and Mrs. Robert W. Ficken, Devin A. Garrity, Herman Goebel, Robert H. Grant, George M. Happ, Richard E. Harrison, James M. Hartshorne, Sally F. Hoyt, Lois J. Hussey, Mrs. W. G. Irving, E. R. P. Janvrin, Mrs. Brewster Jennings, Paul A. Johnsgard, Herbert Johnson, Peter P. Kellogg, Mr. and Mrs. Wesley Lanyon, Col. and Mrs. Donald S. McChesney, Mrs. Malcolm S. McIlroy, Pauline Messing, Harold D. Mitchell, Joseph C. Moore, Hemming Mortensen, Mr. and Mrs. Robert C. Murphy, Theodora Nelson, John T. Nichols, James R. Nolan, Ralph Palmer, Leslie Pearl, Catherine Pessino, Richard E. Phillips, Lucien Pohl, Peter Post, Mr. and Mrs. Richard Pough, Bayard W. Read, Edgar M. Reilly, Jr., Mrs. Eva Rich, James B. Ross, Dorothy M. Sawyer, Lester L. Short, Jr., Mr. and Mrs. Charles G. Sibley, Fred C. Sibley, Arthur Singer, Richard A. Sloss, Neal G. Smith, Eva Sobol, Walter R. Spofford, Charles Staloff, Margaret Stewart, Mrs. Dayton Stoner, Kenneth Taylor, Edwin Way Teale, John K. Terres, W. S. Terry, Mrs. Carll Tucker, Mr. and Mrs. Charles Vaurie, Josh Wallman, Ethel Warner, David West, Maxwell C. Wheat, Jr., Leroy Wilcox, Hudson S. Winn, Robert G. Wolk, Isabelle de Wyzewa. *Ohio:* Robert D. Ball, James Bruce, Mrs. Grant M. Cooke, Fred H. Glenny, Frank A. Hartman, Harold Mayfield, Kenneth L. Meyers, Mr. and Mrs. Harry C. Oberholser, Warner Seely. *Oklahoma:* Robert D. Burns. *Pennsylvania:* James Bond, Mrs. E. R. Bordner, Dorothy Bordner, John A. Griswold, Jr., Frederick V. Hebard, John F. McIlvain, John F. Mehner, M. M. Nichols, Kenneth C. Parkes, Louis A. Stimson, Phillips B. Street, Elizabeth A. Taft, W. E. Clyde Todd, John E. Trainer, Mr. and Mrs. Merrill Wood. *Rhode Island:* James Baird. *South Carolina:* John H. Dick, Alexander Sprunt, Jr. *Tennessee:* Albert F. Ganier, J. C. Howell, Mrs. Amelia R. Laskey, James T. Tanner. *Texas:* Ernest P. Edwards, Edgar B. Kincaid, Jr., Robert K.

Selander, Col. L. R. Wolfe. *Utah*: Fant W. Martin. *Vermont*: Thomas Foster, Mrs. James R. Downs. *Virginia*: Ira N. Gabrielson, John W. Aldrich. *Wisconsin*: John T. Emlen, C. S. Jung, George B. Schaller, Mr. and Mrs. A. W. Schorger, Charles M. Weise. *Wyoming*: Oliver K. Scott.

#### PUBLIC SESSIONS

Papers sessions were held in the morning and afternoon of each of the three days beginning Wednesday, October 17, in the American Museum of Natural History. Sessions ran concurrently in two different rooms on Wednesday afternoon, Thursday morning, and Friday morning and afternoon.

#### WEDNESDAY MORNING SESSION

The meeting was opened by an address of welcome by William A. Burns, Assistant to the Director, American Museum of Natural History. 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 Breeding Cycle of Wideawake Fair. (Slides) JAMES P. CHAPIN, American Museum of Natural History, New York, New York, and L. W. WING, Ann Arbor, Michigan.

The Continental Pattern of Migration on the Night of October 3, 1952. (Slides) GEORGE H. LOWERY, JR., and ROBERT J. NEWMAN, Museum of Zoology, Louisiana State University, Baton Rouge, Louisiana.

Salt Excretion by a Nasal Gland in Marine Birds. KNUT SCHMIDT-NIELSEN, Duke University, Durham, North Carolina.

What is a Tanager? (Slides) ROBERT W. STORER, Museum of Zoology, University of Michigan, Ann Arbor, Michigan.

The Nest and Behavior of the Sociable Weaverbird (*Philetaerus socius*) in South Africa. (Motion picture) NICHOLAS E. COLLIAS and ELSIE C. COLLIAS, Department of Zoology, University of California, Los Angeles, California.

#### WEDNESDAY AFTERNOON SESSIONS

##### (Session 2A—Concurrent)

The Breeding Grounds of the Eastern Dowitcher. W. E. CLYDE TODD, Carnegie Museum, Pittsburgh, Pennsylvania.

Occurrence of Dowitchers in Central Labrador in Summer. (Slides) ROLAND C. CLEMENT, National Audubon Society, New York, New York.

Present Status of the Avifauna of Clipperton Island. (Slides) KENNETH E. STAGER, Los Angeles County Museum, Los Angeles, California.

The Distribution of Birds on the Western Side of the Peruvian Andes. MARIA KOEPCKE, Museo de Historia Natural "Javier Prado," Lima, Peru.

Breeding Bird Populations of the Taiga and Tree Line in Northern Manitoba. (Slides) WALTER L. GILLESPIE, University of Illinois, Champaign, Illinois.

Origin and Distribution of the Carolina Chickadee. (Slides) RICHARD BREWER, University of Illinois, Champaign, Illinois.

- Zoogeographical Anecdotes: Sclater and Wallace. BARBARA G. BEDDALL, 2502 Bronson Road, Fairfield, Connecticut.
- Experiences Collecting Specimens of the Extinct Passenger Pigeon. (Slides) PAUL HAHN, 7 Lynwood Avenue, Toronto, Ontario.
- Robin Populations and Insecticides. (Slides) JOHN F. MEHNER, 1526 Greenmont Avenue, Pittsburgh, Pennsylvania.
- The Outlook for Florida's Wading Birds. JOHN H. STORER, Florida Audubon Society, Maitland, Florida.

(Session 2B—Concurrent)

- The Ontogeny of Avoidance Behavior in the Common Grackle and in Gallinaceous Chicks. (Slides) GEORGE B. SCHALLER, Department of Zoology, University of Wisconsin, Madison, Wisconsin.
- Agonistic Behavior of the Common Grackle. (Motion picture) ROBERT W. FICKEN, Laboratory of Ornithology, Cornell University, Ithaca, New York.
- Agonistic Behavior of the American Redstart in Relation to Territory. MILLICENT S. FICKEN, Laboratory of Ornithology, Cornell University, Ithaca, New York.
- Behavior of the Bronzy Sunbird, *Nectarinia kilimensis*, in the Kivu District, Belgian Congo. (Slides) RUTH T. CHAPIN, The American Museum of Natural History, New York, New York.
- Honey-Guides near Lake Kivu, Belgian Congo. (Slides) JAMES P. CHAPIN, The American Museum of Natural History, New York, New York.
- Comparisons of the Displays of Eurasian Golden Plover and Dotterel. (Slides) WILLIAM H. DRURY, JR., Massachusetts Audubon Society, South Lincoln, Massachusetts.
- Family Organization of the Canada Goose in Utah. (Slides) FANT W. MARTIN, Utah State University, Logan, Utah.
- Nest Material Carrying Behavior of Hybrids Between *Agapornis roseicollis* and *A. fischeri*. (Motion picture) WILLIAM C. DILGER, Laboratory of Ornithology, Cornell University, Ithaca, New York.
- Territory and Competition between Sunbird and Honey-eater Species in the Moluccas. (Slides) S. DILLON RIPLEY, Peabody Museum of Natural History, Yale University, New Haven, Connecticut.

THURSDAY MORNING SESSIONS

(Session 3A—Concurrent)

- Studies on the Morphology of the Avian Pulmonary System. (Slides) J. D. MACDONALD and G. S. COWLES, British Museum (Natural History), London.
- Climbing Adaptations and the Classification of the Woodpeckers. (Slides) WALTER J. BOCK, Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- Divergent Adaptations for Gaping in Passerine Birds. (Slides) RICHARD L. ZUSI, Department of Zoology, University of Maine, Orono, Maine.
- A Pleistocene Avifauna from Rock Spring, Florida. (Slides) GLEN E. WOOLFENDEN, Department of Biology, University of Florida, Gainesville, Florida.
- The Pleistocene Avifauna of Arredondo, Florida. (Slides) PIERCE BRODKORB, Department of Biology, University of Florida, Gainesville, Florida.
- Specific and Individual Variation in Reduction of the Clavicles in Parrots. FRED H. GLENNY, Youngstown College, Youngstown, Ohio.

- Seasonal Variation in the Energy Balance of the Tree Sparrow. (Slides) GEORGE C. WEST, University of Illinois, Champaign, Illinois.
- Differences between Resident and Migrant Species in Response to Rising Temperatures in the Spring. (Slides) S. CHARLES KENDEIGH, University of Illinois, Champaign, Illinois.

(Session 3B—Concurrent)

- Studies on the Andean Solitaire, *Myadestes ralloides*. (Slides) GEORGE J. WALLACE, Department of Zoology, Michigan State University, East Lansing, Michigan.
- Nesting of the Western Flycatcher. (Slides) JOHN DAVIS, Hastings Natural History Reservation, University of California, Carmel Valley, California.
- Nesting Behavior of the Red-footed Booby. (Slides) JARED VERNER, Museum of Zoology, Louisiana State University, Baton Rouge, Louisiana.
- How to Calculate the Incubation Period. (Slides) LARS VON HAARTMAN, University of Helsingfors, Finland.
- Birds as Hosts of Arthropod-borne Viruses. R. M. TAYLOR, Yale University School of Medicine, New Haven, Connecticut.
- The Age Composition of Migrant and Resident Starlings. DAVID E. DAVIS, The Johns Hopkins University, Baltimore, Maryland.
- Are Flying Birds Affected by Radar? (Slides) ROBERT C. MILLER, California Academy of Sciences, San Francisco, California.
- The Brown-headed Cowbird and the Kirtland's Warbler. (Slides) HAROLD F. MAYFIELD, Waterville, Ohio.

THURSDAY AFTERNOON SESSION

*Symposium on Contemporary Problems in Ornithology\**

- Systematics. ERWIN STRESEMANN, Berlin, Germany.
- Zoogeography. FINN SALOMONSEN, Zoologiske Museum, Copenhagen, Denmark.
- Orientation and Migration. FRANZ SAUER, Zoologischen Institut der Universität Freiburg/Breisgau, Germany.
- Studies on Nocturnal Migration by Radar. ERNST SUTTER, Naturhistorisches Museum, Basel, Switzerland.

FRIDAY MORNING SESSIONS

(Session 5A—Concurrent)

- Discontinuous Morphism in Mexican Brown Jays. (Slides) ROBERT K. SELANDER, Department of Zoology, University of Texas, Austin, Texas.
- Taxonomic Relationships of the Genera *Cyanocitta* and *Aphelocoma*. JOHN W. HARDY, Museum of Natural History, University of Kansas, Lawrence, Kansas.
- Relationships of Ground Doves. (Slides) RICHARD F. JOHNSTON, University of Kansas, Lawrence, Kansas.
- Migration, Melanic Tendencies and Molt in the Genus *Progne*. (Slides) EUGENE EISENMANN, American Museum of Natural History, New York, New York.

(Session 5B—Concurrent)

- The Golden Eagle in the Appalachians. (Motion picture) WALTER R. SPOFFORD, State University Medical College, Syracuse, New York.
- The Whooping Crane. (Motion picture) FREDERICK C. LINCOLN, U. S. Fish and Wildlife Service, Washington, D. C.

\* Made possible by a contribution from the National Science Foundation.

- A Problem in Generic Discrimination. (Slides) DEAN AMADON, American Museum of Natural History, New York, New York.
- The Relationships of Certain Birds as Indicated by the Egg White Proteins. (Slides) CHARLES G. SIBLEY, Department of Conservation, Cornell University, Ithaca, New York.
- Flamingos on Four Continents. (Motion picture) ROGER T. PETERSON, Old Lyme, Connecticut.

## FRIDAY AFTERNOON SESSIONS

*(Session 6A—Concurrent)*

- First Photographs of Bachman's Warbler. (Slides) JOHN H. DICK and ALEXANDER SPRUNT, JR., Charleston, South Carolina.
- Comparative Studies on the North American Mallards. (Slides) PAUL A. JOHNSGARD, Department of Conservation, Cornell University, Ithaca, New York.
- Hybridization of Buntings (*Passerina*) in the Great Plains. (Slides) CHARLES G. SIBLEY and LESTER L. SHORT, JR., Department of Conservation, Cornell University, Ithaca, New York.
- The Bobwhite Quail as an Indicator of Biogeographic Events in Mexico. (Slides) DWAIN W. WARNER, Minnesota Museum of Natural History, University of Minnesota, Minneapolis, Minnesota.
- The Avifauna of Scrub Vegetation of the Chihuahuan Desert. (Slides) KEITH L. DIXON, Hastings Natural History Reservation, University of California, Carmel Valley, California.
- Biotic Provinces as Applied to Birds. (Slides) ROBERT M. MENGEL, Museum of Natural History, University of Kansas, Lawrence, Kansas.
- Trends of Intraspecific Variation in Wing Length in *Vireo* and Other New World Species. (Slides) TERRELL HAMILTON, Biological Laboratories, Harvard University, Cambridge, Massachusetts.
- Winter Bird Populations in a Nebraska River-Bottom Forest. (Slides) WILLIAM F. RAPP, JR., 430 Ivy Avenue, Crete, Nebraska.
- The Severe Winter of 1957-1958 and Bird Populations the Following Spring at Knoxville, Tennessee. JOSEPH C. HOWELL, Department of Zoology, University of Tennessee, Knoxville, Tennessee.

*(Session 6B—Concurrent)*

- Effect of Constant Short Day Lengths on Migratory Behavior. (Slides) ALBERT WOLFSON, Cresap Laboratories, Northwestern University, Evanston, Illinois.
- Photoperiodic Regulation of the Gonadal Cycle in Hermit Thrushes. (Slides) ORMSBY ANNAN, Northwestern University, Evanston, Illinois.
- Experiments on the Relationship Between Molt and Refractory Period in Juncos. (Slides) CHARLES M. WEISE, Department of Zoology, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin.
- The Effect of Temperature on the Egg-laying Date of Birds. (Slides) JAMES T. TANNER, Department of Zoology, University of Tennessee, Knoxville, Tennessee.
- The Effect of Stimulation by the Mate and by Nesting Material on the Development of Broodiness and of the Reproductive Organs in the Ring Dove. (Slides) DANIEL S. LEHRMAN, Rutgers University, Newark, New Jersey.
- Sea Water and Salt Utilization by Savanna Sparrows. (Slides) GEORGE A. BAR-

THOLOMEW and TOM J. CADE, Department of Zoology, University of California, Los Angeles, California.

Effects of Temperature on Energy Metabolism of the Evening Grosbeak. (Slides) WILLIAM R. DAWSON, Department of Zoology, University of Michigan, Ann Arbor, Michigan.

Further Experiments on Torpidity in the Poorwill. (Slides) THOMAS R. HOWELL and GEORGE A. BARTHOLOMEW, Department of Zoology, University of California, Los Angeles, California.

#### SOCIAL EVENTS

A reception, followed by dinner for Fellows and Council members, was held in the Audubon Art Gallery of the Museum on October 14. Movies were shown in the New Orleans Room, Hotel New Yorker.

A reception and open house, sponsored by the President of the A.O.U. and the Museum, was held in the Department of Birds at the Museum, on Wednesday, October 15.

On Thursday afternoon, October 16, a behind-the-scenes tour and sky-show was conducted at Hayden Planetarium for wives of members.

A reception and open house at the National Audubon Society was held on Thursday evening, October 16. Included was a special exhibit of Fuertes pictures.

The Annual Banquet was held on Friday, October 17, in the Terrace Room, Hotel New Yorker. Warm congratulatory addresses on the Seventy-fifth Anniversary of the American Ornithologists' Union were delivered by Guy Mountfort of Great Britain, Finn Salomonsen of Denmark, and Erwin Stresemann of Germany on behalf of the ornithologists of their respective countries. Letters or telegrams of congratulations were read from ornithologists and ornithological organizations in this country and from the British Ornithologists' Union and the Leningrad ornithologists. Those attending the banquet received a print of Audubon's "Hutchins's Barnacle Goose, *Anser Hutchinsii*," specially struck from the original copper plate engraving for the Elephant Folio, owned by the American Museum of Natural History. The festivities included an address, "American Ornithology in 1958" by Ernst Mayr, a film, "Some North American Warblers" by C. B. Schaughency, and the award of the Brewster medal. John Kieran acted as toastmaster.

#### FIELD TRIPS

On Saturday, October 18, visitors were taken on an all-day field trip to Riis Park and Jamaica Bay Sanctuary on Long Island. On Sunday, October 19, a luncheon was held at the New York Zoo, followed by escorted tour of the Zoo.

## RESOLUTIONS

The following resolutions were submitted by the Resolutions Committee (Phillips B. Street, Chairman; L. L. Snyder; and Kenneth E. Stager) and approved by the General Session on October 15, 1958.

RESOLVED, that the American Ornithologists' Union, holding its 75th Anniversary Meeting in New York, express its gratification to the State of New York for its recent enactment of a law giving adequate protection to the birds of prey.

RESOLVED, that the American Ornithologists' Union commends heartily the Department of the Interior through its Bureau of Sport Fisheries and Wildlife, for its work towards the protection of certain endangered species of birds, chiefly the Whooping Crane, the Laysan Teal and the Hawaiian Goose. It also commends the Secretary of the Interior for his forthright actions in protecting the primary values of the National Wildlife Refuges.

RESOLVED, that the American Ornithologists' Union strongly condemns the widespread use of extremely toxic pesticides for the control of insects or other pests, especially those that are known to be exceedingly stable compounds. We commend the 85th Congress for appropriating funds to make a scientific investigation of the effect of these compounds upon other forms of life and call upon all official agencies to limit spraying of local test areas until the results of these investigations can be evaluated. And be it further resolved that copies of this resolution be forwarded to the Secretary of Agriculture, the Secretary of the Interior, and the Chairman of the House and Senate Appropriations Committees.

RESOLVED, that the American Ornithologists' Union, here assembled in New York City for its 75th Anniversary Meeting, express its grateful appreciation to the host organizations—the American Museum of Natural History, the Linnaean Society of New York, the National Audubon Society and the New York Zoological Society, and to Dr. Dean Amadon, Chairman of the Local Committee on Arrangements, and his hard-working assistants, Wesley E. Lanyon, Charles Vaurie, Mrs. B. Brewster Jennings, Mrs. Carll Tucker, Carl Buchheister, John L. Bull, Paul A. Buckley, Geoffrey Carleton, William G. Conway, E. Thomas Gilliard, Herbert E. Johnson, John Kieran, Robert Cushman Murphy and Charles E. O'Brien, whose combined efforts have made this meeting a memorable occasion.

Also, the Council instructed the Secretary to write the President of the Massachusetts Audubon Society commending that organization for its action in acquiring and continuing the Austin Banding Station at South Wellfleet, Massachusetts.