

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

H. G. DEIGNAN, SECRETARY

The Seventy-seventh Stated Meeting of The American Ornithologists' Union was held from 25 to 30 August 1959, at the Saskatchewan Museum of Natural History, Regina. Business sessions were held on 25 August, papers sessions on 26, 27, and 28 August, and field trips on 29 and 30 August. Sponsoring organizations were the Saskatchewan Museum of Natural History, the Regina Natural History Society, the Saskatchewan Natural History Society, and Regina College of The University of Saskatchewan.

BUSINESS SESSIONS

On 25 August, 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 27 August.

1960 meeting. The Seventy-eighth Stated Meeting will be held from 23 to 28 August 1960, at Ann Arbor, Michigan, by invitation of The University of Michigan as host organization, and of the Detroit Audubon Society, the Michigan Audubon Society, the Museum of Zoology of The University of Michigan, and The Museum of Michigan State University as sponsoring organizations.

Tentative consideration is being given to Washington, D.C., for the 1961 meeting, and to Salt Lake City, Utah, for the one of 1962.

Awards. The Brewster Memorial Award, by action of the Council, was made to Alexander Wetmore, with the following citation:

"For the past generation, Dr. Wetmore has been the leading authority on the fossil birds of North America. His scores of papers in this field have in part been summarized in his *Check-list of the Fossil and Prehistoric Birds of North America and the West Indies* (1956), to which we give particular mention.

"Dr. Wetmore's contributions to our science are by no means limited to avian paleontology. The scope of his interests and the magnitude of his efforts are reflected in the books and papers which year after year have set forth the results of his research. Among those of book length are: *Birds of Puerto Rico* (1916); *The Migration of Birds* (1926); *Observations on the Birds of*

Argentina, Paraguay, Uruguay, and Chile (1926); *The Birds of Haiti and the Dominican Republic* (1931—with B. H. Swales); and last, but not least, the fifth edition of the *A. O. U. Check-list of North American Birds* (1957), prepared under his chairmanship.

"In Alexander Wetmore we hail a biologist who, during a career that now spans more than fifty years, has been one of the chief architects of American ornithology."

Marcia Brady Tucker Awards, assisting young ornithologists of promise to attend the annual meeting, were given by vote of the officers to George Alderson, Reed College; Robert H. Barth, Jr., Harvard University; Gerald Collier, University of California, Los Angeles; and Eugene A. LeFebvre, University of Minnesota.

Patrons. The Council voted to inscribe the names of three members permanently in the rolls of the Union as Patrons in recognition of generous contributions to the organization: Louise de Kiriline Lawrence, Margaret Morse Nice, and Arlie William Schorger (the first two through gifts in their honor by Mrs. Herbert E. Carnes).

Membership. The Secretary reported that 2,985 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:

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| Fellows | 77 |
| Fellow Emeritus | 1 |
| Honorary Fellows | 20 |
| Corresponding Fellows | 66 |
| Elective Members | 196 |
| Honorary Life Elective Members | 5 |
| Honorary Life Members | 19 |
| Members | 2138 |
| Student Members | 39 |
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| Total | 2561 |

Charles H. Blake, Chairman of the Membership Committee, reported that the same 25 members, regionally located, as last year served on his committee. He stated that the Treasurer's records indicated that the Union had added or reinstated since last year's Meeting 145 members, and had lost 279 (of whom 182 were "delinquent"), a net loss of

134. He added that the special thanks of the Union were due Dr. C. Stuart Houston, of Yorkton, Saskatchewan, who, while not formally a member of the Committee, had made a special effort to enroll new members in Saskatchewan.

Finances. The report of the Treasurer appears in full elsewhere in *The Auk*. The Treasurer's records were examined and found in order on 12 August 1959, by T. B. Maxfield, Certified Public Accountant, of Ithaca, New York.

The dues for all dues-paying classes of members were continued at five dollars per year by vote of the Council.

Stephen S. Gregory, Chairman of the Investing Trustees, reported that the appraised value of the endowment holdings, as of 31 July 1959, was \$158,699, an appreciation, since 31 July 1958, of \$16,400. The net additions during the year were \$27,100, of which \$4,450 came from earnings.

Gifts to the Josselyn Van Tyne Memorial Fund were made during the year by Mr. and Mrs. Herbert Carnes, Paul H. Hannum, Cyrus Mark, and Mrs. Helen Van Tyne. With these gifts, the Fund now totalled more than \$10,000, thus exceeding the point set last year by the Council at which it may be considered operative. While the Union will welcome further donations to the Fund, special solicitation will no longer be necessary.

Editorial matters. The Editor, Eugene Eisenmann, restated that he would not be a candidate for re-election, and acknowledged with thanks the assistance that had been rendered him by members of the Editorial Committee and others. Three numbers of Volume 76 of *The Auk* have appeared so far in 1959, and the fourth is in press. As was true last year, there is little backlog of manuscript.

The Editor also reported that the "Ten-Year Index to *The Auk*," covering the years 1941 to 1950, prepared by Charles K. Nichols, is now in galley proof, and he agreed to see it through press, even though his term of office will have expired.

Joseph J. Hickey, Chairman of the *ad-hoc* Committee on Format of *The Auk*, presented his committee's finished report on publication costs.

The Editor of *The Handbook of North American Birds*, Ralph S. Palmer, reported that the first volume is expected to be ready for the printer at the end of 1959, and that considerable manuscript for the second volume is in his hands.

Reports of committees. W. J. Breckenridge, Chairman of the Committee on Biography, reported that two memorials to Fellows had

been published during the year ending with the July 1959 issue of *The Auk*, and that three obituaries (one of a Corresponding Fellow, two of Elective Members) are now in the hands of the Editor.

During the year ending July 1959, the Committee had learned of the deaths of three Fellows, two Corresponding Fellows, three Elective Members, one Honorary Life Member, and twenty Members:

Walter F. Allen, Member, 16 August 1958
John H. Arnett, Jr., Member, 7 May 1959
Francis L. Bacon, Member, 1958
Alexander W. Blain, Life Elective Member, 1958
Hiram Bellis Demarest Blauvelt, Life Member, 16 October 1957
Anna P. Bradley, Member, 1959
Charles L. Broley, Elective Member, 5 May 1959
Charles E. Clarke, Member, 22 November 1958
Lionel S. Dear, Member, 22 May 1959
Caroline A. Dunham, Member, 7 January 1959
Pennoyer F. English, Member, 8 October 1958
Edwin T. Goodridge, Member, November 1958
Hatch Graham, Sr., Member, 13 June 1958
Ludlow Griscom, Life Fellow, 28 May 1959
Donald Guthrie, Member, 31 October 1958
P. Auferman Henderson, Member
Lawrence C. Kent, Member, 27 February 1958
Gustav J. Kramer, Corresponding Fellow, 19 April 1959
William H. Lanceley, Member, 20 October 1958
Edward C. Minich, Member, 1959
Robert T. Moore, Life Fellow, 30 October 1958
John T. Nichols, Life Elective Member, 10 November 1958
Edward A. Preble, Fellow Emeritus, 4 October 1957
Mrs. Walter E. Rogers, Member, 4 January 1958
Bruce Fleming Stiles, Member, 17 July 1959
Nobusuke Taka-Tsukasa, Corresponding Fellow, 1 February 1959
Louise K. Town, Member, 1959
Willard G. Van Name, Honorary Life Member, 26 April 1959
Harold Bacon Wood, Member, 1 December 1958

William H. Behle, Chairman of the Committee on Student Memberships, reported by letter that 39 students had been named to receive *The Auk* free of charge for one year. With one exception, appointed too late for inclusion in the list, the names of the Student Members were published in the April issue of *The Auk*.

S. Charles Kendeigh, Chairman of the Committee on Research, presented the report of the committee. It appears in full form on pp. 78-79.

Edwin R. Kalmbach, Chairman of the Committee on Bird Protection, presented his report, which appears separately in full on pp. 73-77.

ELECTION OF OFFICERS

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

Three men were elected to the Council, with terms expiring in 1962: Joseph J. Hickey, Arlie W. Schorger, and Robert W. Storer.

Donald S. Farner was elected Editor of *The Auk* by action of the Council. The Council also re-elected to the Board of Investing Trustees Stephen S. Gregory, Chairman, and Arlie W. Schorger, and elected Cyrus Mark *vice* Clarence B. Randall, resigned. The complete list of officers and members of the Council appears at the end of the Proceedings.

ELECTION TO SPECIAL CLASSES OF MEMBERSHIP

The following persons were elected to special classes of membership:

FELLOW

John Davis, Carmel Valley, California
A. Starker Leopold, Berkeley, California
Thomas R. Howell, Los Angeles, California

FELLOW EMERITUS

James P. Chapin, New York, New York

CORRESPONDING FELLOW

Derek Goodwin, Great Britain
F. W. Merkel, Germany
F. J. Turček, Czechoslovakia
V. C. Wynne-Edwards, Great Britain

ELECTIVE MEMBER

H. Lewis Batts, Jr., Kalamazoo, Michigan
Pershing B. Hofslund, Duluth, Minnesota
C. Stuart Houston, Yorkton, Saskatchewan
Richard F. Johnston, Lawrence, Kansas
Martin H. Moynihan, Balboa, Canal Zone
Robert K. Selander, Austin, Texas

HONORARY LIFE ELECTIVE MEMBER

William J. Baerg, Fayetteville, Arkansas
Herbert H. Beck, Lancaster, Pennsylvania
Ernest G. Holt, Montgomery, Alabama

ATTENDANCE

Registration at the meeting included 391 persons from seven provinces of Canada, 34 states and the District of Columbia, England, India, and the Republic of the Philippines, as follows:

ENGLAND—James Fisher, Elizabeth Forster.

INDIA—M. A. Badshah.

REPUBLIC OF THE PHILIPPINES—J. B. Álvarez, Jr.

CANADA—*Alberta*: Mr. and Mrs. G. E. Ball, Terence H. Bassett, E. D. Beacham, Martin Boyd, W. A. Fuller, Cedric Hitchon, K. Hodges, Mrs. J. R. Jackson, Laurie Jackson, V. Lewin, Mr. and Mrs. R. Lister, Mr. and Mrs. R. H. Mackay, Mrs. W. S. Ross, Dr. and Mrs. R. W. Turner, Terence Walton. *British Columbia*: Elmer Callin, Anthony J. Erskine, F. A. Gornall, Mr. and Mrs. Theed Pearse, Oliver Wells. *Manitoba*: W. M. Adams, Herman Battersby, Kenneth Black, W. Cartwright, Graham Cooch, David R. M. Hatch, Mr. and Mrs. H. A. Hochbaum, Fanny A. Hollies, Mrs. R. B. Hunter, Mr. and Mrs. A. G. Lawrence, Frank McKinney, Mrs. L. J. McKinney, D. Olson, Mr. and Mrs. A. Shortt, R. I. Smith, Mr. and Mrs. Clarence Tillenius. *New Brunswick*: Robert Squires, Mr. and Mrs. W. A. Squires. *Ontario*: Mr. and Mrs. A. E. Allin, James Baillie, Mr. and Mrs. C. H. D. Clarke, S. Clarke, Mr. and Mrs. K. Denis, K. F. Edwards, Mr. and Mrs. R. Frith, W. Earl Godfrey, William W. H. Gunn, F. M. Helleiner, John Livingston, Mr. and Mrs. Hoyes Lloyd, Harry G. Lumsden, John Lunn, R. McCleary, Mr. and Mrs. G. North, Mr. and Mrs. C. D. Quilliam, Mr. and Mrs. S. Robb, Mr. and Mrs. L. L. Snyder, Mr. and Mrs. J. M. Speirs, George M. Stirrett. *Quebec*: Jonas Spence-Sales.

Saskatchewan: Ethel Abey, Gary Anweiler, Mrs. J. Bailey, W. H. Beck, Mr. and Mrs. K. Beckie, Mr. and Mrs. P. Lawrence Beckie, Margaret Belcher, John Beveridge, T. M. Beveridge, Mr. and Mrs. Dick Bird, J. M. Blemen, J. L. Blizzard, J. D. Boggs, C. Bojuk, Frank Brazier, Mr. and Mrs. R. Bremner, Janice Briggs, E. W. Brooman, Robert Caldwell, Mr. and Mrs. E. M. Callin, Edna Colbeck, Isobell M. Coleman, Mrs. H. A. Croome, Mrs. E. Cruickshank, Brian Davies, Mr. and Mrs. R. Davis, Joyce Dew, Lillian Domes, Alex Dzubin, Dorothy Eley, Lucy Eley, Mr. and Mrs. T. Ellis, Ray Elmore, Robert Folker, Elmer Fox, Glen A. Fox, Reginald Fox, Richard W. Fyfe, Grace Glenn, J. B. Gollop, Justice P. H. Gordon, Pearl Guest, T. Harper, Sylvia Harrison, William Horseman, Dr. and Mrs. C. Stuart Houston, Dr. Harley Jenner, Mr. and Mrs. C. W. Johnston, Mr. and Mrs. O. F. Kaad, Mrs. M. H. Kennedy, Patrick Kennedy, Garth Klatt, R. F. Klatt, Mr. and Mrs. Bruce Knox, Fred W. Lahrman, Mr. and Mrs. G. F. Ledingham, Robert McCall, C. McDonald, R. C. McKenzie, Mr. and Mrs. J. H. McLennan, Mr. and Mrs. R. G. McNamara, Mrs. G. L. Mackenzie, Mr. and Mrs. H. S. Maliepaard, Mr. and Mrs. S. A. Mann, Herbert Moulding, Lucy H. Murray, Gertrude Murray, Bernard A. Nelson, Mr. and Mrs. R. W. Nero, Mr. and Mrs. A. M. Nilson, Lawrence R. Ostoforoff, E. Paynter, Connie Pratt, Marguerite Robertson, V. Rondeau, Frank Roy, Mrs. E. Schua, Spencer G. Sealy, Bruce Shier, Indira Singh, Gordon Staines, Mrs. N. Steele, T. Sterling, R. Stueck, Melba Stevenson, F. A. Switzer, Mrs. F. B. Taylor, Mrs. H. F. Temple, Mr. and Mrs. J. Walker, Mrs. Jean West, Winnifred Woods, W. Yanchinsky, Constance York.

UNITED STATES—*Alabama*: Robert D. Weigel. *Arizona*: Mr. and Mrs. A. H. Anderson. *Arkansas*: Mrs. Mattie Daugherty, Mr. and Mrs. Douglas James. *California*: Enid K. Austin, Mr. and Mrs. H. L. Cogswell, Gerald Collier, Mary M. Erickson, Earle R. Greene, Thomas R. Howell, Mr. and Mrs. L. M. Huey, L. R. Mewaldt, Mr. and Mrs. Alden H. Miller, Patricia L. Miller, Robert T. Orr, Mr. and Mrs. E. A. Stoner. *Colorado*: A. M. Bailey, Mr. and Mrs. E. R. Kalmbach, Donald Malik, Jack Murphy, Donald M. Thatcher. *Connecticut*: Mr. and Mrs. R. T. Peterson. *District of Columbia*: H. G. Deignan, D. S. Hartman, Mr. and Mrs. F. C. Lincoln, Mr. and Mrs. Alexander Wetmore. *Florida*: Oliver L. Austin, Jr., Pierce Brodtkorb, H. Hill Hamon, W. B. Robertson, Jr., W. Shortt. *Georgia*: H. L. Stoddard, Sr., Rex Thomas. *Illinois*: Karl E. Bartel, Frank C. Bellrose, Jr., E. R. Blake, George K. Fisher, Mr. and Mrs. H. I. Fisher, S. S. Gregory, Mr. and Mrs. S. C. Kendeigh, Margaret C. Lehmann, Mr. and Mrs. Carl Nelson, Mrs. L. B. Nice, Mr. and Mrs. A. L. Rand, Paul Shulze, F. A. Swink, Albert Wolfson. *Indiana*: James B. Cope, Robert A. Johnson, Henry C. West, Nixon Wilson. *Iowa*: F. W. Kent, Mrs. P. Petersen, Sr., P. C. Petersen, Jr., Milton N. Weller. *Kansas*: Mr. and Mrs. J. W. Hardy, Mr. and Mrs. R. F. Johnston. *Louisiana*: R. E. Caldwell, Jr., Ethel D. Jones, Douglas A. Lancaster, Electa D. Levi, Mr. and Mrs. George H. Lowery, Jr., Ava R. Tabor. *Maine*: Mr. and Mrs. O. S. Pettingill, Jr., Mr. and Mrs. F. B. Whitman, Jr. *Maryland*: Chandler S. Robbins. *Massachusetts*: R. H. Barth, Jr., Ernst Mayr, Dwight Moore.

Michigan: Mr. and Mrs. H. Lewis Batts, Jr., Mr. and Mrs. R. M. Branch, Denis F. Owen, Robert Payne, John Rood, Mary Spear Ross, Peter Stettenheim, Robert W. Storer, Harrison B. Tordoff, Willet T. Van Velzen, Mr. and Mrs. G. J. Wallace, M. E. Wallace, S. F. Wallace. *Minnesota*: Mr. and Mrs. W. J. Breckenridge, R. W. Dickerman, Mr. and Mrs. F. L. Jaques, Mr. and Mrs. Eugene LeFebvre, Mary Lupient, J. P. Rogers. *Nebraska*: Mr. and Mrs. John Lueshen. *New Jersey*: Mrs. H. E. Carnes, Mrs. J. Y. Dater, Norman B. Pilling, Anne W. Wachenfeld, R. Wilkins, Helen J. Williams. *New York*: Dean Amadon, Mr. and Mrs. W. W. Brockner, Eugene Eisenmann, E. Thomas Gilliard, Mr. and Mrs. L. I. Grinnell, Helen Hays, Lois Hussey, Mr. and Mrs. Harold D. Mitchell, Ralph S. Palmer, Catherine M. Pessino, Mrs. Dayton Stoner, Mr. and Mrs. E. C. Ulrich, Charles F. J. Young. *North Carolina*: Mr. and Mrs. C. H. Blake. *North Dakota*: Dr. and Mrs. R. T. Gammell, Robert H. Gensch, Edmund A. Hibbard. *Ohio*: H. E. Blakeslee, Mrs. Robert V. D. Booth, Vera Carrothers, Mr. and Mrs. F. H. Glenn. *Oklahoma*: Mr. and Mrs. H. C. Land. *Oregon*: George Alderson. *Pennsylvania*: Wilson Baker, Dorothy L. Bordner, Mr. and Mrs. E. R. Bordner, Kenneth C. Parkes, Elizabeth A. Taft, Mr. and Mrs. Lester S. Thomas. *Tennessee*: Albert F. Ganier. *Texas*: Elizabeth Blount, L. Irby Davis, Allan Hayse, Louise Teagarden Hill, Margaret Louise Hill, Pauline James, Robert K. Selander, Edith R. Wilson, L. R. Wolfe. *Utah*: James R. King. *Virginia*: John W. Aldrich. *Washington*: Donald S. Farner. *West Virginia*: Mr. and Mrs. Maurice G. Brooks, George A. Hall. *Wisconsin*: James Brush, R. L. Dana, Mr. and Mrs. Cleveland Grant, Owen J. Gromme, Mr. and Mrs. F. N. Hamerstrom, Jr., J. J. Hickey, Chester G. Krawczyk, R. A. McCabe, Earl N. McCue, William McPeck, Jack Orgeman, O. Rongstad, Mr. and Mrs. A. W. Schorger, Mr. and Mrs. W. E. Scott, Marvin E. Vore.

PUBLIC SESSIONS

Papers sessions were held in the morning and afternoon of each of the three days beginning Wednesday, 26 August, in the auditorium of the Saskatchewan Museum of Natural History.

WEDNESDAY MORNING SESSION

The meeting was opened by an address of welcome by E. Manley Callin, President, Saskatchewan Natural History Society. Ernst Mayr, President of The American Ornithologists' Union, responded. The Secretary, Herbert G. Deignan, summarized the results of the previous day's business sessions, including elections and awards.

E. THOMAS GILLIARD, American Museum of Natural History, New York, *Report from New Britain* (slides).

STUART HOUSTON, Yorkton, Saskatchewan, *Thomas Drummond, Forgotten Ornithologist* (slides).

PIERCE BRODKORB, University of Florida, Gainesville, Florida, *How Many Kinds of Birds Were There?*

OLIN SEWALL PETTINGILL, JR., University of Michigan, Biological Station, Pellston, Michigan, *King Eiders Breeding with Common Eiders in Iceland* (slides).

HAROLD D. MITCHELL, Buffalo Ornithological Society, Buffalo, New York, *A Nesting Involving Prothonotary and Yellow Warblers* (motion pictures and slides).

WEDNESDAY AFTERNOON SESSION

DONALD S. FARNER, State College of Washington, Pullman, and D. L. SERVENTY, Commonwealth Scientific and Industrial Research Organization, Nedlands, Western Australia, *Body Temperature and the Ontogeny of Thermoregulation in the Slender-billed Shearwater* (slides).

THOMAS R. HOWELL, University of California, Los Angeles, California, *Temperatures inside the Air Sacs of Birds* (slides).

A. W. SCHORGER, University of Wisconsin, Madison, *Crushing of Hicoria Nuts in the Gizzard of the Turkey* (slides).

JAMES R. KING, University of Utah, Salt Lake City, Utah, L. RICHARD MEWALDT, San Jose State College, San Jose, California, DONALD S. FARNER, State College of Washington, Pullman, Washington, *The Duration of Postnuptial Metabolic Refractoriness in the White-crowned Sparrow* (slides).

ALDEN H. MILLER, University of California, Berkeley, California, *Response to Environmental Light Increments by Andean Sparrows from an Equatorial Area.*

ALBERT WOLFSON and DAVID P. WINCHESTER, Northwestern University, Evanston, Illinois, *Effect of Photoperiod on the Gonadal and Molt Cycles of a Tropical Bird, *Quelea quelea* (slides).*

S. CHARLES KENDEIGH, University of Illinois, Champaign, Illinois, *Annual Stimulus for Spring Migration (slides).*

L. RICHARD MEWALDT, San Jose State College, San Jose, California, *Orientation of Migratory Restlessness in the White-crowned Sparrow (slides).*

THURSDAY MORNING SESSION

RALPH S. PALMER, New York State Museum, Albany, New York, *Reproductive Pattern of the Loons.*

ROBERT W. STORER, University of Michigan Museum of Zoology, Ann Arbor, Michigan, *The Discovery Ceremony of the Horned Grebe (motion pictures and slides).*

ALEX DZUBIN, Canadian Wildlife Service, Saskatoon, Saskatchewan, *Aerial Displays and Flights of the Mallard (slides).*

HELEN HAYS, Cornell University, Ithaca, New York, *Motivations of some of the Displays of the Ruddy Duck (slides).*

ROBERT W. NERO, Saskatchewan Museum of Natural History, Regina, *Comparative Behavior of the Red-winged Blackbird and the Yellow-headed Blackbird (motion picture).*

GERALD COLLIER, University of California, Los Angeles, California, *Breeding Behavior in the Tricolored Blackbird and some Aspects of Competition with the Red-winged Blackbird (tape recorder and slides).*

ROBERT K. SELANDER and DONALD R. GILLER, The University of Texas, Austin, Texas, *A Biosystematic Analysis of Sympatry of Boat-tailed and Great-tailed Grackles (*Cassidix*) in the Gulf Coast Region of Texas and Louisiana (tape recorder and slides).*

THURSDAY AFTERNOON SESSION

Symposium on Waterfowl

H. ALBERT HOCHBAUM, Moderator,
Delta Waterfowl Research Station, Delta, Manitoba.

1. FRANK BELLROSE, State Natural History Survey, Havana, Illinois, *Mallard Homing on Flyway Routes (slides).*

2. F. G. COOCH, Canadian Wildlife Service, Winnipeg, Manitoba, *Ecological Aspects of the Blue-Snow Goose Complex* (slides).
3. MILTON W. WELLER, Iowa State College, Ames, *Parasite Egg-laying in the Redhead* (slides).
4. FRANK MCKINNEY, Delta Waterfowl Research Station, Delta, Manitoba, *The Analysis of Duck Displays* (motion picture).

FRIDAY MORNING SESSION

- OLIVER L. AUSTIN, JR., Florida State Museum, Gainesville, Florida, *The Terns of the Dry Tortugas* (slides).
- CHANDLER S. ROBBINS, Patuxent Research Refuge, Laurel, Maryland, and DONALD D. STAMM, U. S. Public Health Service, Montgomery, Alabama, *Mist Netting as an Aid in Bird Population Studies* (slides).
- GEORGE J. WALLACE, Department of Zoology, Michigan State University, East Lansing, Michigan, *Further Comments on Robin Losses on a University Campus*.
- HOWARD L. COGSWELL, Department of Biological Sciences, Mills College, Oakland, California, *Territory Size and Substrate for Foraging in the Wrenit and Rufous-sided Towhee* (slides).
- DOUGLAS JAMES, Department of Zoology, University of Arkansas, Fayetteville, Arkansas, *The Effect of Winter Weather on the Abundance of Birds* (slides).
- S. DILLON RIPLEY, Peabody Museum of Natural History, Yale University, New Haven, Connecticut, *Aggressive Neglect as a Factor in Interspecific Competition in Birds* (slides).
- R. H. BARTH, JR., Biological Laboratories, Harvard University, Cambridge, Massachusetts, *Studies on Mixed Species Flocks with Special Reference to the Formicariidae* (slides).
- CHARLES J. LARUE and ROBERT K. SELANDER, Department of Zoology, The University of Texas, Austin, Texas, *An Apparent Interspecific Appeasement Display of the Brown-headed Cowbird (Molothrus ater)* (motion picture).

FRIDAY AFTERNOON SESSION

- PETER STETTENHEIM, USDA Regional Poultry Research Laboratory, East Lansing, Michigan, *The Development of Plumage in Young Leghorn Chickens* (slides).
- CHARLES H. BLAKE, Hillsboro, North Carolina, *Attainment of Definitive Plumage in White-throated Sparrows, a Preliminary Report* (slides).

KENNETH C. PARKES, Carnegie Museum, Pittsburgh, Pennsylvania, and PHILIP S. HUMPHREY, Peabody Museum of Natural History, Yale University, New Haven, Connecticut, *Apparent Departures from Typical Sequences of Plumages and Molts* (slides).

LAWRENCE I. GRINNELL, Laboratory of Ornithology, Cornell University, Ithaca, New York, *Birds of Southeastern Australia* (motion picture).

JACK A. MURPHY, Denver Museum of Natural History, Denver, Colorado, *Nesting of the Sooty Albatrosses in Subantarctic New Zealand* (motion picture and slides).

ALFRED M. BAILEY, Denver Museum of Natural History, Denver, Colorado, *The Haunts of the Royal Albatross* (motion picture).

SOCIAL EVENTS

A luncheon for the Council and a dinner for Fellows and members of the Council were held at the Hotel Saskatchewan on 25 August; in the evening a reception and film program, sponsored by the Museum, were held for those not attending the business session.

On the afternoon of 26 August, wives of members and other guests were taken on a tour to Fort Qu'Appelle, and that evening an exhibition of Canadian bird art and bird photography was opened at the Norman Mackenzie Art Gallery, Regina College, followed by a reception.

Wives of members and other guests were given a tour of Regina City on the afternoon of 27 August. The evening was devoted to a picnic supper in Wascana Park, followed by a program of films in the auditorium of the Museum.

A cocktail party, followed by the Annual Banquet, both sponsored by the Government of Saskatchewan, took place on the evening of Friday, 28 August, in the Wa-Wa Shrine Temple, with the Honorable T. C. Douglas, Premier of Saskatchewan, acting as host. The Union had not before in its history been officially entertained by a Provincial or State Government.

FIELD TRIPS

Before-breakfast excursions to nearby areas were made on the mornings of 26, 27, and 28 August. On Saturday, 29 August, an all-day trip was made by bus to the northern end of Last Mountain Lake; the highlight of the day was the spectacle of some 8,000 sandhill cranes at rest and in flight. On Sunday, a briefer excursion was made to various prairie lakes and sloughs less distant from Regina.

RESOLUTIONS

The following resolutions were submitted by the Resolutions Committee (Maurice Brooks, Chairman; Alfred M. Bailey; and Walter J. Breckenridge) and approved by the General Session on 27 August 1959:

1. *Resolved*, that the American Ornithologists' Union, holding its 77th Stated Meeting in Regina, Saskatchewan, commends the Wheat Province and the Queen City for its vision in providing for all people so fine a facility as the Saskatchewan Museum of Natural History.

2. *Resolved*, that the American Ornithologists' Union meeting at Regina, highly commends the Government of Guatemala for its action in protecting all waterfowl on Lake Atitlán especially since the Giant Pied-billed Grebe (*Podilymbus gigas*) occurs nowhere else. The continued existence of this unique species is thereby assured and opportunity to study its behavior and its interaction with other species on the lake is made more feasible.

The Government is further commended for its efficient and informative posting of the lake shore.

The American Ornithologists' Union further congratulates the Government of Guatemala on taking the lead in Central America in protecting not only a rare and noteworthy species but also an aquatic habitat attractive to visitors.

The American Ornithologists' Union requests its Secretary to communicate this action to:

Dr. Jorge A. Ibarra, Director,
Museo Nacional de Historia Natural
Ciudad Guatemala, Guatemala,

for conveyance to the appropriate officials of the government.

3. *Resolved*, that the American Ornithologists' Union, here assembled in Regina, expresses its grateful appreciation to the sponsoring organizations: Regina College of the University of Saskatchewan, Saskatchewan Natural History Society, Regina Natural History Society, and the Saskatchewan Museum of Natural History of the Department of Natural Resources, and the Museum director, Fred G. Bard, and to Robert W. Nero, Chairman of the Local Committee on Arrangements, and his efficient and hard-working committee members: Mrs. Marjorie Ledingham, Elmer Fox, Margaret Belcher, Frank Brazier, Joyce Dew, Richard Fyfe, Peter Gregg, Mrs. Jean Hodges, Bruce Knox, Fred W. Lahrman, George F. Ledingham, Max McConnell, James Millington, Gertrude Murray and Bruce Shier.

The American Ornithologists' Union wishes also to thank all the many persons who have made possible the field trips, arts and photography exhibits, tours and other special events which have so hospitably accompanied the 77th Stated Meeting.

4. The American Ornithologists' Union expresses its hearty thanks to the Province of Saskatchewan, its Premier, the Hon. T. C. Douglas, and the other officials of its government who have so graciously honored the Union and its guests at officially-sponsored social events.

The Union takes note of the fact that it has not before in its history been received and entertained officially by a Provincial or State Government, and it requests its Secretary to convey the thanks of the Union to the appropriate officials.

OFFICERS AND TRUSTEES OF THE AMERICAN ORNITHOLOGISTS' UNION

| | <i>Expiration of Term</i> |
|--|---------------------------|
| George H. Lowery, Jr., <i>President</i> | 1960 |
| Dean Amadon, <i>First Vice-President</i> | 1960 |
| Austin L. Rand, <i>Second Vice-President</i> | 1960 |
| Herbert G. Deignan, <i>Secretary</i> | 1960 |
| Charles G. Sibley, <i>Treasurer</i> | 1960 |
| Donald S. Farner, <i>Editor of The Auk</i> | 1960 |

ELECTIVE MEMBERS OF THE COUNCIL

| | |
|--|------|
| Eugene Eisenmann | 1960 |
| John T. Emlen, Jr. | 1960 |
| Olin Sewall Pettingill, Jr. | 1960 |
| Oliver L. Austin, Jr. | 1961 |
| Harold F. Mayfield | 1961 |
| L. L. Snyder | 1961 |
| Joseph J. Hickey | 1962 |
| Arlie W. Schorger | 1962 |
| Robert W. Storer | 1962 |
| Robert T. Orr, Cooper Ornithological Society Representative..... | 1960 |
| H. Lewis Batts, Jr. Wilson Ornithological Society Representative | 1960 |

| | | |
|--------------------------------|---|---------------|
| James P. Chapin, 1939-42 | } | EX-PRESIDENTS |
| Herbert Friedmann, 1937-39 | | |
| Hoyes Lloyd, 1945-48 | | |
| Ernst Mayr, 1957-59 | | |
| Alden H. Miller, 1953-56 | | |
| Robert Cushman Murphy, 1948-50 | | |
| Alexander Wetmore, 1926-29 | | |

INVESTING TRUSTEES

| | |
|--------------------------|------|
| Stephen S. Gregory | 1960 |
| Cyrus Mark | 1960 |
| Arlie W. Schorger | 1960 |