

THE FIFTIETH STATED MEETING OF THE
AMERICAN ORNITHOLOGISTS' UNION,
OCTOBER 17-20, 1932.

BY T. S. PALMER.

IN response to the cordial invitations of the Deputy Minister of Colonization, Game and Fisheries, and of the Provancher Society of Natural History, the American Ornithologists' Union held its fiftieth Stated Meeting in the historic city of Quebec. This was the second meeting in Canada and was unique in the history of the Union. The headquarters were at the Chateau Frontenac and the public sessions were held in La Salle des Promotions of Laval University. The program was printed in both French and English and at one of the sessions all of the papers and the discussions were in French. In accordance with the custom of the University, the members of the Council were received by the Rector of the University and occupied seats on the platform during the opening exercises when addresses of welcome were given first in French and then in English.

Business Sessions: The meetings on Monday included two sessions of the Council at 10 A.M. and 2 P.M., a meeting of the Fellows at 4 P.M., and a meeting of the Fellows and Members at 8 P.M. At the meeting of the Fellows, Hoyes Lloyd of Ottawa, Canada, was elected a Fellow. A proposed amendment of the By-laws increasing the number of Members which may be elected at any meeting from five to ten was adopted and referred to the Union. This amendment will lie over for final action at the meeting in 1933.

At the business meeting 36 Fellows and Members were present. The Report of the Secretary showed a total membership of 2036. The Treasurer reported total receipts of \$13,058.82 and disbursements of \$11,433.21 with a balance of \$1,625.61 on September 15, 1932. The Report of the Investment Trustees showed the present condition of the permanent funds of the Union.

Five Members were elected, and, on recommendation of the Council, eight Corresponding Fellows and 119 Associates were also

elected. Election of officers resulted as follows: J. H. Fleming of Toronto, President, Dr. Herbert Friedmann, Vice President, and Dr. A. A. Allen to fill a vacancy in the Council. Other officers of 1931 were re-elected for the ensuing year.

The principal business included appropriations for the publication of the 'Ten Year Index of The Auk' for 1921-30, and the preparation of a Memorial Volume to show the progress in American Ornithology since the organization of the Union. This volume will probably include about 200 pages and it is hoped will be ready for distribution at the next meeting. Provision also was made for assistance in the publication of the chapter on "Aves" in the annual volume of the 'Zoological Record.'

Resolutions were adopted expressing the thanks of the Union to the Local Committee, the Rector of Laval University, the Mayor of Quebec, the Minister of Colonization, Game and Fisheries, the management of the Frontenac Hotel, the Cap Tourmente Hunting and Fishing Club and Dr. G. Langelier of Cap Rouge, for various courtesies extended to the Union during the meeting. A resolution in regard to the poisoning of birds and mammals was also adopted and will be found in the Report of the Committee on Bird Protection.

Public Meetings: The public meetings opened on Tuesday with addresses of welcome by the Rector of Laval University, the Mayor of Quebec and the President of the Provancher Society of Natural History, and responses by the President of the Union, Dr. Harrison F. Lewis of Ottawa and the Secretary.

The program, including fifty-five papers, covered a wide variety of subjects and was characterized by fewer motion pictures than usual and more than the average number of detailed life history studies. The outstanding contribution, as at the last meeting, was Brand's 'Sounds as an Aid in Bird Study' illustrated with moving pictures and slides and reproduction of bird notes on the phonograph. Great progress over the results of last year was shown in the clearness of the notes and in blotting out discordant sounds which distract the attention of the listener. Improvements in outdoor recording, the method of editing film and the processes of making bird sound records were briefly explained. This paper was followed by Kellogg's 'Drumming of the Ruffed Grouse' also illustrated with motion pictures and phonograph.

In response to a request of a number of members the first session was devoted entirely to technical papers and double sessions were omitted except on Wednesday afternoon when the French session was held simultaneously with the regular meeting. The opening paper was entitled 'How shall a State List be Made Up', by Joseph Grinnell, who mentioned eight categories of birds from fossil to escaped and domesticated species. He discussed the principles upon which these categories are based and suggested that any of them may be included or excluded. Peters presented an important paper on 'Verification of References' emphasizing the necessity for careful attention to accuracy in checking with original sources of citations in synonymy or in other references. Austin's 'Microscopic Evidence of Lethal Trauma in Birds' brought out the interesting fact that birds which apparently die in the hand from fright, as sometimes happens in banding work, really die from internal injuries—in most cases from minute cerebral or cerebellar hemorrhages. Kendeigh's 'Temperature as a Factor in Migration,' based on experimental studies of Passerine birds at the Baldwin Bird Research Laboratory, showed that resistance to low temperatures is possible only when the bird is abundantly supplied with food. Metabolism is so rapid in some small birds that in northern regions they are unable to build up sufficient food reserves during the short winter days to carry them through the long nights. Temperature, relative length of day and night, snow, food supply, and metabolism are all involved in regulating migration.

The afternoon session was occupied with papers of more general interest dealing chiefly with life history observations. One of the most interesting was Christy's 'Topsell's Fowles of Heaven' presented, in the absence of the author, by George M. Sutton. Edward Topsell an English clergyman chiefly known as the author of the 'Historie of Four Footed Beastes,' 1607, and the 'Historie of Serpents,' 1608, evidently intended to publish a third work on birds. His unpublished manuscript, illustrated with water color sketches, now in the Huntington Library in California, lists seventeen American birds, sixteen of them from Virginia. All bear Indian names and all are readily recognizable. They include the Thrasher, Bluebird, Flicker, Blue Jay, Red-winged Blackbird, Towhee and

Sandhill Crane. The manuscript dates from 1613 or 1614, six or seven years after the founding of Jamestown, and so far as known is the earliest list of American birds.

At a special session at the Chateau Frontenac on Tuesday evening memorial addresses on the life and work of Charles Wallace Richmond, Outram Bangs, and Robert Ridgway were presented by Witmer Stone, J. L. Peters and H. C. Oberholser, respectively. At the close of this program the members adjourned to the main ball room where a large audience had already assembled and were entertained by three reels of excellent motion pictures taken by A. M. Bailey, illustrating the 'Birds of the Western Prairies.'

As might naturally be expected a considerable proportion of the papers on the program dealt with Canadian birds. These comprised intimate studies of the life history of single species, accounts of breeding colonies, and general descriptions of the bird life of special regions. Lewis' 'Remarks on the European Cormorant' recorded the growth of a colony of these birds on Lake Island on the north shore of the Gulf of St. Lawrence. Ter-rill's 'Habits of Sora and Virginia Rails,' Napier Smith's 'Home Life of the Yellow-bellied Flycatcher and of the Starling,' and Mousley's 'Study of the Home Life of the Northern Crested Flycatcher' dealt with detailed studies of individual species, while White and Lewis' 'Greater Snow Goose in the Province of Quebec' was an account of the habits of the bird during its stop on the St. Lawrence and brought out points of interest to be observed during the excursion of the members to Cap Tourmente. Gross' 'Birds of Kent Island in the Bay of Fundy,' Meredith's 'Provancher Society's Bird Sanctuary' and Napier Smith's 'Birds of Basque and Razades Islands,' described protected breeding colonies of water birds. Sutton summarized his 'First Impressions of some Saskatchewan Birds' and Wynne-Edwards gave an account of the birds at 'Mount Albert and the Ste. Anne Valley' with special reference to the American Pipit and Horned Lark, both of which were found nesting.

The French session which was held in the Medical Building on Wednesday afternoon was also devoted chiefly to Canadian birds. The outstanding paper was Dr. Déry's summary of the notes on birds observed by explorers and others in the Province of Quebec

from the days of Jacques Cartier, 1534, who described Bird Rock, and the accounts of Sagard, 1636, Pere Boucher, 1662, Lahontan, 1705, and others. At this session Dr. Chapin presided, introduced the speakers and led the discussion, closing the program with an account partly in French and partly in English of his observations of the life history of an African Hornbill (*Bycanistes*) observed in the Belgian Congo.

Among other interesting life history studies were Van Tyne's 'Discovery of the Nest and Eggs of *Vermivora crissalis*' in the Chisos Mountains, Texas, in May, 1932, by a party from the University of Michigan. Westover's short motion picture film demonstrated that the flight of the Chimney Swift is accomplished by synchronous instead of alternate beats of the wings as some had supposed. Pettingill in discussing the question 'Does the Male Woodcock take part in Nesting Activities?' concluded that the male apparently takes no part. He also presented an interesting account of the nesting of the Common Puffin on Machias Seal Island, on the coast of Maine, the principal breeding colony of this bird south of the Canadian border. An equally interesting paper was Johnson's illustrated account of the 'Development of the Young of the Atlantic Murre.'

Chapman's 'Courtship of Gould's Manakin' (see 'Natural History,' Nov., 1932, pp. 470-480) and Chapin's 'Haunts and Habits of the African Wood Swallow' (*Pseudochelidon*) demonstrated that detailed life studies of exotic birds are fully as interesting as those of native species. In the case of *Pseudochelidon*, until recently one of the rarest birds in museum collections in this country, Chapin found a large colony breeding in February, 1931, on a sandbar in the Congo River near Lukolela. This bird which lays its eggs in a tunnel like that of the Bank Swallow, is migratory, but its range after the breeding season apparently is unknown, although its distribution is restricted to the equatorial belt from the Gaboon to Basoko on the upper Congo. As indicated by its name, this bird although it has the habits of a swallow is not a true swallow but a representative of the family Artamidae. Swarth's 'Galapagos Avifauna Today' gave the impressions of a visiting ornithologist as to the outstanding features of the bird life of this historic group of islands.

Of quite a different character but one of the most interesting contributions on the program, was Murphy's account of 'The Rothschild Collection of Birds' and its transfer to the American Museum of Natural History (see 'The Auk,' 1932, p. 395 and 'Moving a Museum,' in 'Natural History,' Nov., 1932, pp. 497-511).

Several conservation papers proved of special interest and brought out considerable discussion. Austin's 'Source of Supply of New England Waterfowl' showed, by banding records, that most of the Black Ducks and Canada Geese come from Newfoundland and northern Canada east of Hudson Bay. Lincoln's 'State Distribution of Ducks' dealt with a wider field and gave an important summary of returns from banding records. Trautman's 'Measurements, Weights and Present Abundance of Ohio Bobwhites' was the result of a careful study of the present condition of the bird and showed that no evidence is available to prove the contention that these quail are deteriorating through inbreeding. Eaton's 'Summary of Fifty Years' Observation of Hawks and Owls' and Baldwin's 'Protect Hawks and Owls' (see Ohio Journ. Sci., XXXII, pp. 403-424, 1932), brought out an interesting discussion as to ways and means of protecting these much persecuted birds.

Exhibits: The exhibits were extensive, varied, and well arranged in a long room on the floor below the lobby of the Chateau Frontenac. The principal feature was a display of about 150 photographs, 40 water colors, 20 oils, several gum prints and colored photographs, arranged under the direction of a representative of the School of Fine Arts and accompanied by a well-printed catalogue. The following twelve exhibitors showed some of their recent work in photography:

Toshio Asaeda	Joseph André Paquette
Kenneth Gordon	Wright McEwen Pierce
Miss Elizabeth Winchester Kingsbury	Napier Smith
William Henry Mousley	Harry Schelwaldt Swarth
William Alfred Paff	Percy Algernon Taverner
Ralph Simon Palmer	Lewis McIver Terrill

The exhibitors of water colors, oil paintings, and prints were as follows:

Richard Evett Bishop	Warwick James Low
Courtenay Brandreth	George Edward Lodge
Walter John Breckenridge	Olaus Johan Murie
Allan Cyril Brooks	Karl Plath
Charles Livingston Bull (1874-1932)	Earl Lincoln Poole
John Templeman Coolidge, Jr.	Angus H. Shortt
William Oberlin Dawson	Joel Stolper
Robert Bruce Horsfall	George Miksch Sutton
Francis Lee Jaques	Horatio Walker

A special series of original paintings from the Emma Shearer Wood Library of Ornithology, loaned by McGill University, included a picture of storks painted by Lady Elizabeth Gwillim between 1800 and 1807, several eighteenth century paintings by Eleazar Albin, Charles Collins, George Edwards, Peter Paillou, and M. de Rabié, and a picture constructed entirely of feathers (one of a series of eighty) made by Dionisio Minaggio about 1618.

There was also an historical exhibit of some 20 items comprising a series of documents and pamphlets loaned by President Fleming, illustrating the close connection between the A. O. U. and the naturalists of Quebec; LeMoine's 'Table of the Birds of Canada,' loaned by Ruthven Deane; and a copy of MacGillivray's 'Raptacious Birds of Great Britain,' formerly in the possession of Wm. Couper and later of J. M. LeMoine, loaned by Reginald Meredith.

Social Features: The social events began with a dinner to the Fellows on Monday evening tendered by the Provancher Society of Natural History.

The annual dinner of the Union on Wednesday, attended by about 160 members and guests, was held in the ball room of the Chateau Frontenac. Mr. Adrien Falardeau presided and introduced the speakers. After toasts to the King of England and the President of the United States, Hon. Hector La Ferté, Minister of Colonization, Game and Fisheries, extended an official welcome to the Union and a response was made by Dr. J. P. Chapin. Brief talks followed by Dr. A. K. Fisher, who reviewed the early history of the Union, and by Hon. Frank Carrel, who stressed the importance of preserving wild life. The audience was then taken back to early frontier days by 'La Troupe du Bon Vieux Temps,' in appropriate costume, which rendered a number of French

Canadian folk songs and dances interspersed with frequent applause. In no other way could a more impressive picture have been presented of life in the early days of the Province.

On Thursday evening the members of the Union were entertained by Dr. and Mrs. Gustave Langelier at their delightful home at Cap Rouge and several hours were spent in looking over the Langelier collection of birds which is rich in specimens illustrating the various plumages of game birds and other local species and also contains a number of rare specimens, such as the Eskimo Curlew, Spoon-bill Sandpiper, Passenger Pigeon, and Carolina Paroquet.

On Friday morning before 9 o'clock the members left by motor bus for Cap Tourmente, about forty miles down the St. Lawrence, to see the flock of Greater Snow Geese which stops several weeks each autumn en route from its nesting grounds in western Greenland and on northern Baffin and Ellesmere islands, to its winter resorts along the Atlantic coast from Delaware Bay to Core Sound. During their stay on the St. Lawrence the birds remain in one great flock feeding principally on the north shore of the river on lands leased by the Cap Tourmente Hunting and Fishing Club from the Quebec Seminary. Here they enjoy protection by the Club now composed of only five members. Since 1908, when the Club's lease began, the flock is said to have more than doubled in numbers and is now estimated to contain 9,000 or 10,000 birds. The party first visited the marsh in front of the clubhouse and watched the birds as they rose, circled about, and then slowly flew up the river to another feeding place at Petit Cap. It was a unique experience and one never to be forgotten to watch at close range this great flock of Geese representing most if not all the individuals of the subspecies *atlantica*. Reëntering the buses the party was taken to the Chateau Bellevue, the Quebec Seminary building erected in 1663 at Petit Cap, where we were graciously received by Father Odillon Gosselin. After a bountiful lunch in the Chateau we again had an opportunity of viewing the Geese as they fed on the shore immediately below the bluff. On the return trip brief stops were made at Ste. Anne de Beaupré and at the Falls of Montmorency to afford the members a glimpse of these historic spots.

THE PROGRAM.

(Papers are arranged in the order in which they were presented at the meeting. Those marked with an asterisk (*) were illustrated by lantern slides; those marked with a dagger (†) were illustrated by motion pictures.)

TUESDAY MORNING—TECHNICAL SESSION.

Addresses of Welcome by:—

MGR. CAMILLE ROY, P.A., Rector of Laval University.

COL. HENRI LAVIGUEUR, Mayor of the City of Quebec.

L. A. RICHARD, K.C., Deputy-Minister of Colonization, Game and Fisheries, Province of Quebec.

ADRIEN FALARDEAU, K.C., President of the Provancher Society.

Responses on behalf of the American Ornithologists' Union, by:—

J. H. FLEMING, President of the A. O. U.

H. F. LEWIS, Ottawa, Canada.

T. S. PALMER, Secretary of the A. O. U.

Roll Call of Fellows and Members, Report of the Business Meeting, Announcement of the Result of Elections.

1. How shall a State List be made up? JOSEPH GRINNELL, Museum of Vertebrate Zoology, Berkeley, Calif. (10 min.)
2. Verification of References. JAMES L. PETERS, Museum of Comparative Zoology, Cambridge, Mass. (15 min.)
3. *Sex Reactions in the Ruffed Grouse and Other Birds. ARTHUR A. ALLEN, Cornell University, Ithaca, N. Y. (20 min.)
4. *Microscopic Evidence of Lethal Trauma in Birds. OLIVER L. AUSTIN, M.D., Austin Ornithological Research Station, North Eastham, Mass. (Presented by O. L. Austin, Jr.) (10 min.)
5. *Temperature as a Factor in Migration. S. CHARLES KENDEIGH, Baldwin Research Laboratory, Cleveland, Ohio. (20 min.)
6. The Supposed Visual Function of the Nictitating Membrane in the Domestic Pigeon. HERBERT FRIEDMANN, U. S. National Museum, Washington, D. C. (10 min.)
7. Consistency in Distribution. O. L. AUSTIN, JR., Austin Ornithological Research Station, North Eastham, Mass. (20 min.)

TUESDAY AFTERNOON.

8. *Some Remarks on the European Cormorant. HARRISON F. LEWIS, Canadian National Parks, Ottawa, Ont. (20 min.)
9. Topsell's Fowles of Heaven. BAYARD H. CHRISTY, Sewickley, Pa. (Presented by George M. Sutton.) (20 min.)
10. The Behavior of Certain Birds during the Total Solar Eclipse of August 31st, 1932. HENRY MOUSLEY, McGill University, Montreal, Can. (5 min.)
11. Some Observations of Bird Behavior during a Total Eclipse. WENDELL P. SMITH, Wells River, Vt. (5 min.)

12. †The Provancher Society's Bird Sanctuary. REGINALD MEREDITH, Quebec. (20 min.)
13. *Habits of Sora and Virginia Rails. L. McI. TERRILL, St. Lambert, Que., Can. (30 min.)
14. *Haunts and Habits of the African Wood Swallow (*Pseudochelidon*). JAMES P. CHAPIN, American Museum of Natural History, New York, N. Y. (30 min.)
15. *The Courtship of Gould's Manakin (*Manacus vitellinus vitellinus*). FRANK M. CHAPMAN, American Museum of Natural History, New York, N. Y. (Presented by Robert Cushman Murphy.) (20 min.)

TUESDAY EVENING—SPECIAL SESSION IN HONOR OF DECEASED FELLOWS.

16. In Memoriam: Charles Wallace Richmond, 1868–1932. WITMER STONE, Academy of Natural Sciences, Philadelphia, Pa. (25 min.)
17. In Memoriam: Outram Bangs, 1863–1932. JAMES L. PETERS, Museum of Comparative Zoology, Cambridge, Mass. (25 min.)
18. Robert Ridgway, 1850–1929—A Memorial Appreciation. HARRY C. OBERHOLSER, Biological Survey, Washington, D. C. (25 min.)

PUBLIC SESSION—MOTION PICTURES.

19. Birds of the Western Prairies. ALFRED M. BAILEY, Director, Chicago Academy of Sciences, Chicago, Ill. (45 min.)

WEDNESDAY MORNING.

20. *Sounds as an Aid in Bird Study (Illustrated by phonograph records). ALBERT R. BRAND, White Plains, N. Y. (30 min.)
21. *The Drumming of the Ruffed Grouse (Illustrated by phonograph records). PAUL KELLOGG, Cornell University, Ithaca, N. Y. (30 min.)
22. First Impressions of some Saskatchewan Birds. GEORGE M. SUTTON, Bethany, W. Va. (15 min.)
23. The Le Conte Thrashers of the San Joaquin Valley, California. JOSEPH GRINNELL, Museum of Vertebrate Zoology, Berkeley, Calif. (Read by title.)
24. *The Discovery of the Nest and Eggs of *Vermivora crissalis*. JOSSELYN VAN TYNE, Museum of Zoology, Ann Arbor, Mich. (20 min.)
25. *State Distribution of Banded Ducks. F. C. LINCOLN, Biological Survey, Washington, D. C. (15 min.)
26. *The Rothschild Collection of Birds. ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York, N. Y. (20 min.)

WEDNESDAY AFTERNOON—GENERAL SESSION.

27. The Source of Supply of New England Waterfowl. O. L. AUSTIN, JR., Austin Ornithological Research Station, North Eastham, Mass. (10 min.)

28. Migration and Solar Cycles. LEONARD W. WING, Museum of Zoology, Ann Arbor, Mich. (Presented by A. A. Allen.) (10 min.)
29. The Galapagos Avifauna Today. H. S. SWARTH, California Academy of Sciences, San Francisco, Calif. (20 min.)
30. *African Bird Distribution in Relation to Temperature and Rainfall. W. WEDGWOOD BOWEN, Academy of Natural Sciences, Philadelphia, Pa. (Read by title.)
31. *The Home Life of the Starling (*Sturnus vulgaris*). NAPIER SMITH, Montreal, Can. (30 min.)
32. Does the Male Woodcock Take Part in Nesting Activities? OLIN S. PETTINGILL, JR., Middleton, Mass. (15 min.)
33. *Yellow-crowned Night Herons Nesting in Ohio. ROSCOE W. FRANKS, Baldwin Bird Research Laboratory, Gates Mills, Ohio. (Read by title.)
34. *The Nesting of an African Hornbill (*Bycanistes albotibialis*). JAMES P. CHAPIN, American Museum of Natural History, New York, N. Y. (30 min.)

WEDNESDAY AFTERNOON—SESSION IN FRENCH.

35. *Birds of Prey in Captivity, Personal Observations. REV. J. A. PAQUETTE, C.S.V., St. Joseph College, Berthierville, P. Q., Can. (10 min.)
36. First Notes and Original Descriptions of Certain Birds of the Province of Quebec by Explorers, Missionaries, Colonizers, Privateers, and Adventurers of New France, from 1534 to 1730. D. A. DÉRY, Laval University, Quebec. (20 min.)
37. An Accident of Migration [Yellow-headed Blackbird at Ste. Anne de la Pocatière, P. Q.]. REV. R. TANGUAY, Curator, Zoological Museum, Classical College, Ste. Anne de la Pocatière, P. Q., Can. (15 min.)
38. Birds as Aids to Agriculture. GEORGES MAHEUX, Provincial Entomologist, Professor of Entomology, Laval University, Quebec. (20 min.)
39. Ornithology in Institutions of Secondary Education in the Province of Quebec. REV. LEON MARCOTTE, St. Charles Borromée Seminary, Sherbrooke, P. Q., Can. (15 min.)

THURSDAY MORNING.

40. *The Home Life of the Yellow-bellied Flycatcher (*Empidonax flaviventris*). NAPIER SMITH, Montreal, Can. (30 min.)
41. The Behavior of a Land Bird [Junco] at Sea. R. OWEN MERRIMAN, Queen's University, Kingston, Ont. (5 min.)
42. †The Flight of the Chimney Swift. MYRON F. WESTOVER, Schenectady, N. Y. (5 min.)

43. Notes on the Birds of the Coast Region of North and South Carolina. ARTHUR H. HOWELL, Biological Survey, Washington, D. C. (20 min.)
44. Notes on the Nesting Activities of Bobolinks. ELIZABETH W. KINGSBURY, Cornell University, Ithaca, N. Y. (Read by title.)
45. The Measurements, Weights and Present Abundance of Ohio Bobwhites. MILTON B. TRAUTMAN, Conservation Division, Dept. of Agriculture, Columbus, O. (10 min.)
46. The Greater Snow Goose in the Province of Quebec. E. F. G. WHITE and HARRISON F. LEWIS, Ottawa, Ont. (15 min.)
47. Protect Hawks and Owls. S. PRENTISS BALDWIN, Baldwin Bird Research Laboratory, Gates Mills, Ohio. (15 min.)
48. *A study of the Home Life of the Northern Crested Flycatcher. HENRY MOUSLEY, McGill University, Montreal, Can. (30 min.)

THURSDAY AFTERNOON.

49. †Birds of the Fingerlakes Marshes. ARTHUR A. ALLEN, Cornell University, Ithaca, N. Y. (30 min.)
50. *The Birds of Basque and Razades Islands (Provancher Society Bird Sanctuary). NAPIER SMITH, Montreal, Can. (30 min.)
51. *With the Puffins at Machias Seal Island. OLIN S. PETTINGILL, JR., Middleton, Mass. (20 min.)
52. *†Birds of Kent Island, Bay of Fundy. ALFRED O. GROSS, Bowdoin College, Brunswick, Maine. (30 min.)
53. Summary of 50 Years Observation of Hawks and Owls in the North-Eastern States. E. H. EATON, Geneva, N. Y. (15 min.)
54. *The Care and Development of the Young of the Atlantic Murre (*Uria aalge aalge*). R. A. JOHNSON, Oneonta, N. Y. (35 min.)
55. *Birds of Mount Albert and the Ste. Anne Valley, County of Gaspé, P. Q., Can. V. C. WYNNE-EDWARDS, McGill University, Montreal. (20 min.)

ATTENDANCE.

The registration showed the presence of 21 Fellows, 1 Corresponding Fellow, 20 Members, and 76 Associates, or a total of 118 members, while the visitors increased the total number to more than 150. Dr. A. K. Fisher was the only Founder present and W. E. Saunders the only Fellow elected at the first meeting. Among the visitors were the Minister and Deputy Minister of Colonization, Game and Fisheries, of Quebec. Those who came from a distance were Kenneth Racey from British Columbia; F. L. Farley from Alberta, Dr. and Mrs. Joseph Grinnell, and H. S. Swarth from California, and Mrs. F. W. Commons from Minnesota.

Representatives were present from four Provinces, sixteen States, and the District of Columbia, as follows: Alberta, 1; British Columbia, 1; Ontario, 19; Quebec, 15; California, 3; Connecticut, 1; District of Columbia, 14; Illinois, 3; Indiana, 1; Maine, 2; Maryland, 1; Massachusetts, 9; Michigan, 2; Minnesota, 1; New Jersey, 4; New York, 21; Ohio, 5; Pennsylvania, 12; Vermont, 2; Virginia, 1; and West Virginia, 1. Naturally the section where the meeting is held attracts the most members. Last year at Detroit, Michigan was represented by 53, Ontario by 12, and Quebec by 2, in comparison with 2 from Michigan, 19 from Ontario, and 15 from Quebec this year; last year New York sent 24 representatives and the District of Columbia 18, in comparison with 21 and 14 respectively in 1932.

Sixteen natural history museums were represented by one or more of their members: The Academy of Natural Sciences of Philadelphia, the American Museum of Natural History, the California Academy of Sciences, the Canadian National Museum, the Chicago Academy of Sciences, the Cleveland Museum of Natural History, the Field Museum, the Museum of Comparative Zoology, the Museum of Vertebrate Zoology, the New York State Museum, the Ohio State Museum, the Museum of Princeton University, the Royal Ontario Museum of Zoology, the University of Michigan, the U. S. National Museum, and the Zoological Museum of the Classical College at Ste. Anne de la Pocatière, Quebec.

Seventeen colleges and universities were also represented as follows: Bowdoin College, Classical College at Ste. Anne de la Pocatière, Cornell, Harvard, Hobart College, Laval, McGill, Ohio State University, Princeton, Queens University at Kingston, Ont., St. Charles Borromée Seminary at Sherbrooke, P. Q., St. Joseph College at Berthierville, P. Q., University of California, University of Michigan, University of Pennsylvania, University of Toronto, and Western Reserve.

The total attendance was only slightly less than that at Ottawa in 1926, while the number of museums and educational institutions represented was about the same.

As a record of the meeting a group photograph was taken on Wednesday in the garden of Laval University.

FELLOWS, MEMBERS AND ASSOCIATES PRESENT (BY STATES).

FELLOWS, 21:—*Ontario*, 4—J. H. Fleming, Toronto; W. E. Saunders, London; Hoyes Lloyd, P. A. Taverner, Ottawa.

California, 2—Joseph Grinnell, Berkeley; H. S. Swarth, San Francisco.

District of Columbia, 5—A. K. Fisher, Herbert Friedmann, A. H. Howell, H. C. Oberholser, T. S. Palmer, Washington.

Maine, 1—Alfred O. Gross, Brunswick.

Massachusetts, 4—Thomas Barbour, Ludlow Griscom, J. L. Peters, Cambridge; A. C. Bent, Taunton.

New York, 3—A. A. Allen, Ithaca; J. P. Chapin, R. C. Murphy, New York City.

Pennsylvania, 1—Witmer Stone, Philadelphia.

Virginia, 1—W. L. McAtee, Cherrydale.

CORRESPONDING FELLOW, 1:—M. A. Carriker, Jr., Beechwood, N. J.

MEMBERS, 20—*Ontario*, 3—R. M. Anderson, H. F. Lewis, Ottawa; L. L. Snyder, Toronto.

Quebec, 1—Henry Mousley, Montreal.

District of Columbia, 4—H. C. Bryant, Miss M. T. Cooke, F. C. Lincoln, E. A. Preble, Washington.

Illinois, 2—A. M. Bailey, Chicago; W. I. Lyon, Waukegan.

Massachusetts, 2—J. B. May, Cohasset; O. L. Austin, Jr., North Eastham.

Michigan, 1—Josselyn Van Tyne, Ann Arbor.

New Jersey, 1—C. H. Rogers, Princeton.

New York, 2—E. H. Eaton, Geneva; J. T. Zimmer, New York City.

Ohio, 2—S. P. Baldwin, S. C. Kendeigh, Cleveland.

Pennsylvania, 1—Wharton Huber, Philadelphia.

West Virginia, 1—G. M. Sutton, Bethany.

ASSOCIATES, 76:—*Alberta*, 1—F. L. Farley, Camrose.

British Columbia, 1—Kenneth Racey, Vancouver.

Ontario, 12—Miss Ida Merriman, R. O. Merriman, Kingston; C. H. D. Clarke, J. E. Keays, London; D. K. Edwards, Thos. S. Hennesy, Miss Lulu Kealy, W. H. Lanceley, Mrs. Hoyes Lloyd, Miss H. P. McGahey, E. F. G. White, Ottawa.

Quebec, 14—J. A. Paquette, Berthierville; N. J. Atkinson, Montebello; J. A. Decarie, W. S. Hart, Mrs. Harold Hibbert, Napier Smith, V. C. Wynne Edwards, Montreal; G. S. Ahern, D. A. Déry, J. Duchastel de Montrouge, E. A. Falardeau, Reginald Meredith, Quebec; L. McI. Terrill, St. Lambert; Leon Marcotte, Sherbrooke.

California, 1—Mrs. Joseph Grinnell, Berkeley.

District of Columbia, 5—C. H. M. Barrett, C. W. H. Ellis, Miss Sadia Haskell, R. B. Horsfall, Mrs. T. S. Palmer, Washington.

Connecticut, 1—Mrs. F. D. Hubbard, New Haven.

Illinois, 1—W. A. Weber, Highland Park.

Indiana, 1—H. A. Zimmerman, Muncie.

Maine, 1—Dr. Anne E. Perkins, North Berwick.

Maryland, 1—W. C. Henderson, Chevy Chase.

Massachusetts, 3—Miss F. M. Pease, Conway; Mrs. Owen Durfee, Fall River; O. S. Pettingill, Jr., Middleton.

Michigan, 1—M. J. Magee, Sault Ste. Marie.

Minnesota, 1—Mrs. F. W. Commons, Minneapolis.

New Jersey, 2—B. S. Bowdish, Desmarest; C. A. Urner, Elizabeth.

New York, 16—A. G. Whitney, Albany; L. P. Evans, Mrs. R. C. Murphy, Bronxville; G. E. Hix, Brooklyn; James Savage, Buffalo; H. C. Burgess, Canandaigua; John Bartram, Carmel; Paul Kellogg, Cortland; Miss Theodora Nelson, P. B. Philipp, Carl Tucker, Mrs. Carl Tucker, New York City; Courtenay Brandreth, Ossining; Miss A. M. Heydweiller, Rochester; Mrs. Gladys Franc, Sodus; A. R. Brand, White Plains.

Ohio, 3—W. C. Herman, Cincinnati; M. B. Trautman, Columbus; G. M. Cook, Youngstown.

Pennsylvania, 10—W. A. Paff, Easton; A. W. Robinson, Miss Rachel G. Robinson, Haverford; A. C. Emlen, J. T. Emlen, Jr., Mrs. Wharton Huber, Mrs. Witmer Stone, H. T. Underdown, Philadelphia; H. R. Roberts, Villa Nova; S. J. Parker, West Chester.

Vermont, 2—G. H. Ross, Rutland; W. P. Smith, Wells River.

ELECTION OF OFFICERS.

The election of officers for 1933 resulted as follows: President, J. H. Fleming; Vice-Presidents, A. C. Bent and Herbert Friedmann; Secretary, T. S. Palmer; Treasurer, W. L. McAtee. Members of the Council (in addition to officers and ex-presidents) A. A. Allen, J. P. Chapin, Ruthven Deane, H. C. Oberholser, T. S. Roberts, and P. A. Taverner.

The Council elected Witmer Stone, Editor of 'The Auk'; W. L. McAtee, Business Manager; George Stuart, 3d, C. B. Riker and Edward Norris, Trustees; and A. C. Bent, Ruthven Deane, J. H. Fleming, W. L. McAtee, and T. S. Palmer, members of the Finance Committee.

ELECTION OF FELLOWS, CORRESPONDING FELLOWS, MEMBERS AND ASSOCIATES.

FELLOW—1

Hoyes Lloyd, Ottawa, Canada.

CORRESPONDING FELLOWS—8.

D. Francesco Chigi, Rome, Italy.

Titus Csorgey, Budapest, Hungary.

Charles Dupond, Brussels, Belgium.

Oskar Heinroth, Berlin, Germany.

Koloman Lambrecht, Budapest, Hungary.

Robert Poncy, Geneva, Switzerland.

Bernhard Rensch, Berlin, Germany.

B. Stegmann, Leningrad, U. S. S. R.

MEMBERS—5

Thomas Dearborn Burleigh, Asheville, N. C.
Mrs. Mary Ella McLellan Davidson, San Francisco, Calif.
Laurence Markham Huey, San Diego, Calif.
Samuel Charles Kendeigh, Cleveland, Ohio.
Jesse Milton Shaver, Nashville, Tenn.

ASSOCIATES—119

The names of Associates who have qualified will appear later, in the directory of members, published in 'The Auk.'