

THE FORTY-EIGHTH STATED MEETING OF THE  
AMERICAN ORNITHOLOGISTS' UNION,  
OCTOBER 20-23, 1930.

BY T. S. PALMER.

By a fortunate combination of circumstances the tenth New England meeting of the American Ornithologists' Union was held in Salem during the Ter-Centenary celebration of the founding of the Massachusetts Bay Colony at that place. In addition to its historic background of colonial life and institutions vividly revived in connection with the celebration of the founding of the town, and its many historic and literary associations, Salem possesses peculiar attractions for the ornithologist in the Peabody Museum and the Essex Institute. The former has the distinction of being the second oldest museum in the United States and the latter is widely known through its publications including Proceedings, Bulletins, and the early volumes of the American Naturalist in which may be found papers by Allen, Bendire, Coues, Mearns, Nelson and other early members of the Union.

The headquarters were at the Hotel Hawthorne only a short distance from the Peabody Museum where accommodations were provided not only for the public meetings but also for the business sessions.

*Business Sessions:* The meetings on Monday as usual included two sessions of the Council at 10 A. M. and 2.30 P. M., a meeting of the Fellows at 4 P. M., and a joint meeting of the Fellows and Members at 8 P. M..

At the election of the Fellows the three vacancies in the list were filled by the election of Alfred O. Gross, Arthur H. Howell and Loye Holmes Miller. At the evening meeting 31 Fellows and 22 Members were present. The report of the Secretary was presented showing a total membership of 1960, the Treasurer reported total receipts of \$11,612.17 and total disbursements of \$10,723.36 leaving a balance of \$888.81. The report of the Investment Trustees showed Permanent Funds of the Union amounting to \$29,765 including \$7,421 in the Brewster Memorial Fund.

Five Members were elected from the class of Associates and, on recommendation of the Council, 2 Honorary Fellows, 4 Corresponding Fellows and 190 Associates were also elected.

The general business transacted included a further appropriation for the publication of the 'Check List of North American Birds' which is expected to be issued before next summer, and an authorization for clerical work and for beginning printing the 'Ten Year Index of the Auk' for 1921-30 on which a committee of eight members is already making good progress. The Union also took action to assist in the publication of the chapter on 'Aves' in the annual volume of the 'Zoological Record.'

As 1933 will mark the semi-centennial of the founding of the Union a committee was appointed to report a plan at the next meeting for a suitable anniversary volume. The suggestion was made that such a volume should present a brief but comprehensive review of the progress in American ornithology since 1883. An invitation to hold the semi-centennial meeting in New York at the American Museum of Natural History where the Union was originally organized, was accepted with the appreciation of the Union. Inasmuch as the place of meeting for 1933 was definitely decided, similar arrangements were also made for the meetings for 1931 and 1932. A number of invitations for the next annual meeting were received from various places. Among others were letters from the Mayor, Chamber of Commerce, Board of Trade and other organizations in Detroit, and a cordial invitation from the Minister of Colonization, Mines and Fisheries of Quebec. After careful consideration of the various invitations the Union voted to hold the the annual meeting in 1931 at Detroit, Mich., at a time to be fixed by the Local Committee on Arrangements, and to accept the invitation of the Deputy Minister of Colonization, Mines and Fisheries to hold the meeting in 1932 in Quebec.

Resolutions were adopted expressing the thanks of the Union to the President and Trustees of the Peabody Museum, the Essex Institute, the Director of the Museum of Comparative Zoology, the Essex County Ornithological Club and the members of the Nuttall Ornithological Club for various courtesies extended during the meeting.

*Public Sessions:* The public meetings were held October 21

from 10 A. M. to 12 M. and October 22 and 23 from 9 A. M. to 5.30 P. M. The general sessions met the first two days in the Lecture Hall and on the third day in the Hall of Ethnology. The technical sessions met on Wednesday in the Work Room and on Thursday in the Lecture Hall. As in previous meetings the program required simultaneous sessions on Wednesday and Thursday mornings but all except four of the 53 papers were read.

The meeting opened with an address of welcome by General Francis Henry Appleton on behalf of the Trustees of the Peabody Museum and a response on behalf of the Union by the Secretary. The program reflected some of the more important activities of the Union in the field, the museum, the laboratory and the library. Reports of recent field work included accounts of birds found on Southampton Island, in Guatemala, Peru, Australia, New Zealand and on the coasts of the Red Sea. Both general and technical sessions were varied with papers on distribution, life histories, migration, nomenclature, bird banding and conservation, while the activities of former Fellows were reviewed in the memorials of Arthur T. Wayne and Henry Nehrling.

For the first time in some years a presidential address was presented. Dr. Grinnell took as his subject 'An Analysis of Trends in the American Ornithologists Union' in which he discussed its policies and what it is possible for it to do for the members and for ornithology. He emphasized the importance of personal contact, the encouragement of research, recognition of meritorious work by bestowal of honors and award of prizes, support of field and museum projects, maintenance of high scientific standards in spite of demand for popular papers in its publications, and in the programs of its meetings, dissemination of accurate information regarding birds, and an intelligent understanding of the problems of conservation, administration of wild life resources and popular education.

Mr. Redington gave a resumé of 'The Bird Work of the U. S. Biological Survey' during the last 45 years, reviewing briefly the activities of the Survey in connection with geographic distribution, life zones, migration, bird banding, food habits, regulating importation of foreign species, protecting migratory birds and establishing refuges. Dr. Pearson presented a report of the Seventh

International Ornithological Congress at Amsterdam illustrated by portraits of some of the prominent ornithologists who were in attendance.

From the field the outstanding report was George M. Sutton's account of 'The Birds of Southampton Island,' at the north end of Hudson Bay. This was the first report on the birds of the island ever made by an ornithologist. He spoke of the scarcity of birds in winter, the first arrivals in spring and last departures in autumn, and announced the finding of the Blue Goose breeding at Coral Inlet, Prairie Point and Cape Kendall. This paper was supplemented by Todd's 'Birds of Hudson Bay in 1930,' in which he summarized the results of his recent field work in a little known region in northern Labrador. Field work in the tropics was represented by Griscom's 'Distribution of Bird Life in Guatemala' and Zimmer's 'Field Notes from Peru.' Attention was called to peculiarities in distribution due to differences in the elevation of the valleys of Peru and to the presence of certain migrants from the eastern rather than the western part of North America. Bowen's account of 'Bird Life of the Red Sea Coast Lands' and Cope's 'Four Months in New Zealand,' both well illustrated, brought out clearly some of the more characteristic features of the avifauna of these remote regions.

The technical papers covered a wide range of subjects. Perhaps the most novel contribution was Patten and Kramer's motion picture of the 'Beginning of the Heart Beat and Circulation in the Embryo'—the first attempt to illustrate embryonic development with so much detail by the aid of motion picture film. In discussing 'The Boreal Element in the West Indian Avifauna,' Chapman called attention to the presence of *Brachyospiza*, Crossbills and a few other birds of northern origin in Santo Domingo and their absence from Florida. Their presence may be explained by the fact that when many species of mammals and birds in the north were forced south during the Glacial Period the large mammals retreated to the southern States and there perished, whereas the birds were able to cross over to the West Indies where some of them have since remained. Kendeigh's 'Variability of Body Temperatures' and Worley's 'Weight Variation of Certain Land Birds' illustrated some of the recent basic investigations of the Baldwin Bird Re-

search Laboratory. Griscom's 'Parallel Variations in Two Guatemalan Orioles' (*Icterus gularis* and *I. sclateri*) brought out some of the peculiarities of distribution of Central American Orioles of which 13 species occur in Guatemala, while Murphy's 'Conditions Controlling the Distribution of Sea Birds on the Pacific Coast of South America' due to the presence of the Humboldt Current, Friedmann's 'Observations on the Species Problem in African Birds' and Austin's 'Origin of an Avifauna' illustrated by the case of Labrador, discussed some of the broader questions underlying the subject of geographic distribution of species.

Of more general interest were several papers on a variety of subjects. Rogers reviewed briefly the history of the Princeton Museum beginning in 1870 and outlined a plan for its future. Grinnell summarized the 'Type Localities of Birds Described from California,' 228 in number, and emphasized the importance of determining the types and type localities, listed the more important type localities and the present location of the types of birds described from the State. In 'Some Thoughts on the Check List' Stone explained various details of the work, beginning with the care taken in revising the classification, the ranges of species and the references to original descriptions, Chapman's discussion of the 'Turkey Buzzard's Sense of Smell' described a series of experiments made recently at Barro Colorado in the Canal Zone. DeLury's 'Sunspots and Grouse' emphasized the curious coincidence in the variations of sunlight and abundance of birds. The variation in the sun's light between maximum and minimum sunspot periods is as much as 50 per cent and observations over a number of years showed that in times of maximum sun light grasshoppers were abundant, as were also certain species of grouse. Eaton's 'Birds of New York Twenty Years Afterwards' reviewed the changes during the past two decades during which Grasshopper Sparrows, Turkey Buzzards and Swans had increased while Bluebirds were now only one tenth as abundant as twenty years ago and the Bartramian Sandpiper is holding its own in only three places known to the author.

Dr. Phillips outlined the viewpoint of 'Naturalists, Nature Lovers and Sportsmen,' emphasized the importance of coöperation between these three groups and declared that a radical change was necessary in modern methods of conservation if abundance of cer-

tain species was to be maintained. This paper, like several of the others, developed considerable discussion and brought out the wide range of opinions held by some of the listeners.

The life history contributions comprised a number of interesting studies of individual species or groups of species and ranged from Mrs. Harding's 'Nesting Habits of the Black-throated Blue Warbler,' Farley's 'Nesting of the Greater Yellowlegs in Alberta,' Mousley's 'Study of the Home Life of the Alder Flycatcher,' Terrill's 'Life Histories of the Saw-whet and Long-eared Owls' and Nichols 'Stray Notes on the Flocking Habits of Shore Birds' to the more detailed illustrated discussion by Saunders of the 'Ecology of the Ruby-throated Hummingbird in Allegany State Park' and Cope's 'A Day With the Australian Lyre Bird' in Sherwood Forest near Melbourne. This last paper was illustrated by some remarkable pictures taken by Sharland some of which are reproduced in 'The Emu' for October 1930. The life histories of game birds occupied a large part of the moving picture program on Thursday afternoon and included Bennett's splendid pictures of the 'Spring Life of the Prairie Chicken,' Gross' 'Wisconsin Prairie Chicken Investigations' and Breckenridge's 'Courtship of the Sharp-tailed Grouse.' These were varied by Arthur Allen's 'Shorebird Revue' of a number of Plovers and Sandpipers observed near Ithaca, and Leister's 'Feeding Habits of the Ducks of the Cayuga Lake Region,' New York.

*Exhibits:* Although no extensive exhibit was undertaken in connection with this meeting, through the courtesy of the Peabody Museum and the coöperation of half a dozen of the members a very interesting series of nearly 200 paintings, drawings and etchings of birds was installed in the hallway and some of the rooms of the Museum. The paintings included 6 by Frank W. Benson of Salem and a large painting of an eagle recently completed, 7 by W. J. Breckenridge of Minneapolis, 10 by John D. Smith of Boston, and 29 by Walter A. Weber of Chicago. There were 65 drawings by Edmund J. Sawyer of Pontiac, Mich., 25 etchings by Benson and a series of 56 water colors of Arctic species made in the field by George M. Sutton during his recent trip to Southampton Island. During the course of the meeting advance copies of three important works on birds were also exhibited by the authors, Grinnell, Dixon

and Linsdale's 'Vertebrate Natural History of the Lassen Peak Region' in California, Mrs. W. W. Naumburg's comprehensive report on 'The Birds of Matto Grosso, Brazil' and a prospectus and sample plates of the 'Birds of Minnesota' by Dr. Thomas S. Roberts which is now in course of publication.

*Social Features:* The social features began with a dinner to the Fellows tendered by Dr. John C. Phillips in the Peabody Museum on Monday evening at which 29 were present. The regular program was suspended at noon on Tuesday and the members repaired to Salem Willows where a fish dinner arranged by the Local Committee was served. After luncheon the members returned to the Hotel Hawthorne and the afternoon was devoted to excursions about Salem and the vicinity. Under the direction of the members and competent guides some of the parties visited historic points in town, including the House of Seven Gables, the old Custom House, the home of Hawthorne, the Ropes Memorial House, the museum and library of the Essex Institute containing among many other interesting items collections of Hawthorneana and a notable collection of early editions of Whittier's works. A visit was also paid to the Pioneer Village installed to illustrate the mode of life of the early colonists during the first winter at Salem. Here could be seen in realistic form the types of wigwams, log cabins and thatched huts in which the founders of Salem lived, the tools and utensils used in their daily occupations and the primitive industries of the early settlement. Meanwhile other parties visited the shore at Nahant, Lynn, Swampscott, and Marblehead in search of birds and were successful in finding several interesting species.

Tuesday evening was 'Open House' at the Peabody Museum when members and their friends had an opportunity to examine the excellent local collection of Essex County birds, and the extensive marine and oriental collections of the Museum.

The annual dinner on Wednesday at the Hotel Hawthorne was attended by 212 members and guests. The entertainment after the dinner included an eloquent address by Hon. Herbert Parker, former Attorney General of Massachusetts, who was toastmaster of the evening and introduced the various speakers. Mr. Parker himself a student and lover of birds, referred to what the bird life must have been when Salem was making maritime history, men-

tioned some of the records of Essex County and emphasized the charms of bird study. Mr. A.P. Morse explained the work of Charles E. Moulton of Lynn in imitating bird songs and imitations of a number of species were then given by Mr. Moulton. Finally Dr. Townsend exhibited a series of lantern slides showing scenes and portraits of some of the prominent foreign ornithologists which he secured during his recent trip to Europe to attend the International Ornithological Congress.

On Friday the members and guests, numbering about 80, proceeded by motor bus to Ipswich and spent the day among the sand dunes in search of birds under the guidance of Dr. Townsend and local members. The weather, which had been clear during the entire week, changed to rain, but the members who were fortunate enough to make the trip were rewarded by seeing the Gannet, Ipswich Sparrow and several other interesting birds.

#### 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.)

#### TUESDAY MORNING.

Welcome by GENERAL FRANCIS HENRY APPLETON on behalf of the Trustees of the Peabody Museum of Salem.

Response on behalf of the Union, by the Secretary.

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

1. An Analysis of Trends in the American Ornithologists' Union. Presidential Address by JOSEPH GRINNELL, Museum of Vertebrate Zoology, Berkeley, Calif. (30 min.)
2. In Memoriam: Henry Wetherbee Henshaw, 1850-1930. EDWARD W. NELSON, Washington, D. C. (Read by title.)
3. In Memoriam: Arthur Trezevant Wayne, 1863-1930. ALEXANDER SPRUNT, JR., Charleston Museum, Charleston, S. C. (20 min.)
4. The Boreal Element in the West Indian Avifauna. FRANK M. CHAPMAN, American Museum of Natural History, New York. (15 min.)
5. The Bird Work of the U. S. Biological Survey. PAUL G. REDINGTON, Chief, Biological Survey, Washington, D. C. (20 min.)

#### WEDNESDAY MORNING—GENERAL SESSION.

6. \*Variability of Body Temperature in Birds. S. CHARLES KENDEIGH, Baldwin Bird Research Laboratory, Cleveland, O. (20 min.)



7. In Memoriam: Waldron DeWitt Miller, 1879-1929. JAMES P. CHAPIN, American Museum of Natural History, New York. (Read by title.)
8. \*Five Years' Progress in Bird Sanctuaries on the North Shore of the Gulf of St. Lawrence. HARRISON F. LEWIS, Canadian National Parks, Ottawa, Canada. (15 min.)
9. \*Nesting Habits of the Black-throated Blue Warbler. MRS. KATHARINE C. HARDING, Brookline, Mass. (30 min.)
10. The Post-breeding Northern Migration of North American Herons. CHARLES W. TOWNSEND, Ipswich, Mass. (10 min.)
11. \*A Day with the Australian Lyre Bird. FRANCIS R. COPE, JR., Dimock, Pa. (45 min.)
12. \*A Study of the Home Life of the Alder Flycatcher. HENRY MOUSLEY, Montreal, Canada. (30 min.)
13. \*Contributions to the Life Histories of the Saw-whet and Long-eared Owls. L. M. TERRILL, Montreal, Canada. (15 min.)
14. Birds of New York 20 Years Afterward. ELON H. EATON, Hobart College, Geneva, N. Y. (20 min.)
15. \*Sun Spots and Grouse. R. E. DELURY, Ottawa, Canada. (Presented by Hoyes Lloyd.) (10 min.)

## WEDNESDAY MORNING—TECHNICAL SESSION.

16. Field Notes from Peru. JOHN T. ZIMMER, American Museum of Natural History, New York. (20 min.)
17. The Florida Red-tailed Hawk. A. C. BENT, Taunton, Mass. (10 min.)
18. Type Localities of Birds Described from California. JOSEPH GRINNELL, Museum of Vertebrate Zoology, Berkeley, Calif. (20 min.)
19. Additions to the Known Victims of the Cowbirds. HERBERT FRIEDMANN, U. S. National Museum, Washington, D. C. (10 min.)
20. The Birds of Southampton Island, Hudson Bay. GEORGE MIKSCH SUTTON, Cornell University, Ithaca, N. Y. (30 min.)
21. Conditions Controlling the Distribution of Sea-birds on the Pacific Coast of South America. ROBERT CUSHMAN MURPHY, American Museum of Natural History, New York. (30 min.)
22. The Origin of an Avifauna. O. L. AUSTIN, JR., North Eastham, Mass. (25 min.)
23. Distribution of Bird Life in Guatemala. LUDLOW GRISCOM, Museum of Comparative Zoology, Cambridge, Mass. (30 min.)

## WEDNESDAY AFTERNOON—GENERAL SESSION.

24. \*The Seventh International Ornithological Congress at Amsterdam. T. GILBERT PEARSON, President, National Association of Audubon Societies, New York. (20 min.)
25. \*The Ecology of the Ruby-throated Hummingbird in Allegany State Park. ARETAS A. SAUNDERS, Fairfield, Conn. (30 min.)

26. \*The Turkey Buzzard's Sense of Smell. FRANK M. CHAPMAN, American Museum of Natural History, New York. (30 min.)
27. Golf Clubs as Bird Sanctuaries. ARTHUR A. ALLEN, Cornell University, Ithaca, N. Y. (20 min.)
28. \*Bird Life of the Red Sea Coast Lands. W. WEDGWOOD BOWEN, Academy of Natural Sciences, Philadelphia, Pa. (30 min.)
29. \*Four Months in New Zealand. FRANCIS R. COPE, Jr., Dimock, Pa. (45 min.)

THURSDAY MORNING—GENERAL SESSION.

30. Nesting of the Greater Yellowlegs in Alberta. FRANK L. FARLEY, Camrose, Alberta. (Presented by W. E. Saunders.) (20 min.)
31. Bird Banding. The First Decade Under the Biological Survey. FREDERICK C. LINCOLN, Biological Survey, Washington, D. C. (15 min.)
32. Naturalists, Nature Lovers and Sportsmen. JOHN C. PHILLIPS, Wenham, Mass. (20 min.)
33. Mockingbirds in Bangor, Maine. MISS BERTHA L. BROWN, Bangor, Me. (15 min.)
34. The Harvard Square Nighthawks. HORACE TAYLOR, Brookline, Mass. (10 min.)
35. \*Must Commercial Eel-grass Beds be protected from Canada Geese and Brant? HARRISON F. LEWIS, Canadian National Parks, Ottawa, Canada. (15 min.)
36. Another Grouse Problem Solved. ARTHUR A. ALLEN, Cornell University, Ithaca, N. Y. (10 min.)
37. House Wren Studies. S. PRENTISS BALDWIN, Baldwin Bird Research Laboratory, Cleveland, O. (Read by title.)
38. Birds of Hudson Bay in 1930. W. E. CLYDE TODD, Carnegie Museum, Pittsburgh, Pa. (10 min.)
39. Percentage of Casualty in Birds' Nests. ELON H. EATON, Hobart College, Geneva, N. Y. (10 min.)
40. The Pussyfoot on Pussy. S. PRENTISS BALDWIN, Baldwin Bird Research Laboratory, Cleveland, O. (Read by title.)
41. Stray Notes on the Flocking Habits of Shore Birds. JOHN T. NICHOLS, American Museum of Natural History, New York. (15 min.)
42. Waterfowl on the Potomac River. HARRY C. OBERHOLSER, Biological Survey, Washington, D. C. (25 min.)
43. An Experiment in the Recolonization of the Common Tern. C. F. JACKSON AND PHILIP F. ALLAN. (20 min.)

THURSDAY MORNING—TECHNICAL SESSION.

44. \*Weight Variation of Certain Land Birds. LEONARD G. WORLEY, Baldwin Bird Research Laboratory, Cleveland, O. (20 min.)
45. \*Some Observations on the Species Problem in African Birds. HER-

- BERT FRIEDMANN, U. S. National Museum, Washington, D. C. (30 min.)
46. \*An Unusual Case of Feather Abrasion. W. WEDGWOOD BOWEN, Academy of Natural Sciences, Philadelphia, Pa. (5 min.)
  47. \*The Bird Life of Ancient Florida. ALEXANDER WETMORE, Smithsonian Institution, Washington, D. C. (15 min.)
  48. \*A Grand Island (N. Y.) Heronry. ALBERT R. SHADLE, University of Buffalo, Buffalo, N. Y. (10 min.)
  49. \*The Simultaneous Molt of the Flight Feathers of the Loon. JOHN B. MAY, Director of Ornithology, Mass. Board Agriculture, Boston, Mass. (5 min.)
  50. In Memoriam: Henry Nehrling, 1853-1929. WITMER STONE, Academy of Natural Sciences, Philadelphia, Pa. (20 min.)
  51. Some Thoughts on the Check-List. WITMER STONE, Academy of Natural Sciences, Philadelphia, Pa. (20 min.)
  52. The Princeton Museum of Zoology—Its Ornithological Collections and a Plan. CHARLES H. ROGERS, Princeton University, Princeton, N. J. (15 min.)
  53. Parallel Variations in Two Guatemalan Orioles. LUDLOW GRISCOM, Museum of Comparative Zoology, Cambridge, Mass. (10 min.)

THURSDAY AFTERNOON—MOTION PICTURES.

54. The Spring Life of the Prairie Chicken. WALTER W. BENNETT, Sioux City, Iowa. (45 min.)
55. The Early Bird—Beginning of the Heart Beat and Circulation in the Embryo. BRADLEY N. PATTEN AND THEODORE C. KRAMER, Cleveland, O. (30 min.)
56. Game Bird Studies in Minnesota, including the Courtship of the Sharp-tailed Grouse. W. J. BRECKENRIDGE, University of Minnesota, Minneapolis, Minn. (20 min.)
57. A Shore-bird Revue. ARTHUR A. ALLEN, Cornell University, Ithaca, N. Y. (15 min.)
58. Wisconsin Prairie Chicken Investigations. ALFRED O. GROSS, Bowdoin College, Brunswick, Me. (45 min.)
59. Feeding Habits of the Ducks of the Cayuga Lake Region, N. Y. CLAUDE W. LEISTER, New York Zoological Park, (20 min.)

*Attendance:* The registration showed the presence of 31 Fellows, one Retired Fellow, 31 Members, and 119 Associates, or a total of 182 members, while the visitors increased the number present to over 200. Among the Fellows were two of the founders, Charles F. Batchelder and A. K. Fisher, and three elected at the first meeting, Ruthven Deane, Thomas S. Roberts, and W. E. Saunders. Among those who came from a distance were Allan C. Brooks from British

Columbia; Dr. Joseph Grinnell, Robert T. Moore, and Dr. Walter K. Fisher from California; George B. Saunders from Oklahoma; W. W. Bennett from Iowa; Dr. T. S. Roberts and W. J. Breckenridge from Minnesota.

Representatives were present from 22 States, the District of Columbia, and the Provinces of British Columbia, Ontario, and Quebec. The States represented and the number registered from each State were as follows: Maine, 5; New Hampshire, 4; Vermont, 1; Massachusetts, 59; Connecticut, 3; New York, 32; New Jersey, 6; Pennsylvania, 19; Delaware, 1; Maryland, 1; Virginia, 1; West Virginia, 1; South Carolina, 1; Georgia, 1; Ohio, 7; Illinois, 3; Michigan, 4; Wisconsin, 1; Minnesota, 2; Oklahoma, 1; Iowa, 1; California, 3; and the District of Columbia, 16. The largest delegations outside of Massachusetts included 32 from New York, 19 from Pennsylvania, 16 from the District of Columbia, and 9 from Canada.

Seventeen museums were represented by one or more of their members, namely, the Academy of Natural Sciences of Philadelphia; American; Canadian National; Carnegie; Charleston; Cleveland; Field; Museum of Comparative Zoology; Museum of Natural History, Portland, Maine; Museum of Vertebrate Zoology; Peabody; Princeton; Royal Ontario; University of Michigan; University of Minnesota; U. S. National; and Worcester Natural History Society.

Eleven colleges and universities were also represented, namely, Bowdoin, Cornell, Harvard, Haverford, Princeton, Stanford, University of Buffalo, University of California, University of Michigan, University of Minnesota and Western Reserve, Cleveland, O. An encouraging feature of this attendance was the number of young men from Cornell, Haverford, Harvard, and Princeton.

The representation whether considered from standpoint of States, museums, or higher institutions of learning was about the same as that last year even with a somewhat less attendance than at Philadelphia.

As a record of the meeting a group photograph of 118 of those present was taken on Thursday in the grounds on the south side of the Museum.

## FELLOWS, AND MEMBERS AND ASSOCIATES PRESENT.

FELLOWS:—Arthur A. Allen, Glover M. Allen, Outram Bangs, Thomas Barbour, Charles F. Batchelder, Arthur C. Bent, Allan C. Brooks, Frank M. Chapman, Ruthven Deane, Albert K. Fisher, James H. Fleming, Herbert Friedmann, Joseph Grinnell, Ludlow Griscom, Alfred O. Gross, Arthur H. Howell, Waldo L. McAtee, Robert C. Murphy, Harry C. Oberholser, T. S. Palmer, James L. Peters, John C. Phillips, Charles W. Richmond, Joseph H. Riley, Thomas S. Roberts, William E. Saunders, Witmer Stone, Percy A. Taverner, W. E. Clyde Todd, Charles W. Townsend, Alexander Wetmore.—Total 31.

RETIRED FELLOW: Walter K. Fisher.

MEMBERS:—Francis H. Allen, Harold C. Bryant, Hubert L. Clark, Maunsell S. Crosby, Elon H. Eaton, F. Seymour Hersey, Frederick H. Kennard, Harrison F. Lewis, Frederick C. Lincoln, Hoyes Lloyd, William I. Lyon, George H. Mackay, John B. May, Robert T. Moore, W. Henry Mousley, Mrs. Walter W. Naumburg, John T. Nichols, Arthur H. Norton, T. Gilbert Pearson, Edward A. Preble, Charles H. Rogers, Aretas A. Saunders, Lester L. Snyder, Alexander Sprunt, Jr., J. Fletcher Street, George H. Stuart, 3d, George M. Sutton, Winsor M. Tyler, Josselyn Van Tyne, Francis B. White, John T. Zimmer.—Total 31.

ASSOCIATES (by States):

*Connecticut*, 2—Mrs. C. B. Graves, New London; Mrs. F. D. Hubbard, New Haven.

*Delaware*, 1—J. H. Otterson, Wilmington.

*District of Columbia*, 4—Miss K. B. Baird, C. H. M. Barrett, R. B. Horsfall, H. S. Peters, Washington.

*Georgia*, 1—H. B. Skeele, Savannah.

*Illinois*, 1—W. A. Weber, Chicago.

*Iowa*, 1—W. W. Bennett, Sioux City.

*Maine*, 3—Miss Bertha L. Brown, Bangor, E. P. Brown, Belfast; Glen D. Chamberlain, Fort Fairfield.

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

*Massachusetts*, 44—E. H. Atherton, Jamaica Plain; O. L. Austin, Jr., North Eastham, A. C. Bagg, Holyoke; Miss A. K. Barry, Dorchester; Miss A. M. Bowen, Springfield; Rev. Earle A. Brooks, Newton Highlands; Maurice Broun, Lenox; Mrs. Jean E. Carth, Wellesley; Rev. Robert F. Cheney, Southborough; C. E. Clark, Medford; Mrs. P. S. Crowell, Franklin; L. B. Chapman, Newton Highlands; Miss Bertha E. Davis, Brookline; Miss Martha Denny, Brookline, Mrs. S. H. Dudley, Berlin; Mr. and Mrs. Owen Durfee, Fall River; S. G. Emilio, Salem; Lawrence B. Fletcher, Cohasset; C. B. Floyd, Auburndale; Mrs. R. B. Harding, Brookline; Mrs. A. B. Harrington, Boston; Richard Hinchman, Milton; Miss H. C. Hunt, Cambridge; S. W. Jenkins, Salem; H. P. Kelsey, Salem; Miss J. E. Kloseman, Boston; Lawrence Kelham, Boston; Ralph Lawson, Salem; Daniel S. Lowe, Marblehead; S. H. Lowe, Quincy; Herbert E. Maynard,

Boston; A. P. Morse, Salem; Harry C. Parker, Worcester; Keble B. Perine, Newton; O. S. Pettingill, Jr., Middleton; W. B. Porter, Salem; Miss F. A. Stebbins, Springfield; R. C. Sherwood, Springfield; W. R. Spofford, Berlin; Horace Taylor, C. H. Van Tyne, and B. B. Warfield, Cambridge; W. P. Wharton, Groton.

*Michigan*, 3—Mrs. E. K. Frey, Jackson; M. J. Magee, Sault Ste. Marie; E. J. Sawyer, Pontiac.

*Minnesota*, 1—W. J. Breckenridge, Minneapolis.

*New Hampshire*, 2—G. C. Atwell, Strafford; Miss Nina G. Spaulding, Jaffrey.

*New Jersey*, 5—B. S. Bowdish, Demarest; C. L. Bull, Oradell; E. G. Loomis, Newark; C. A. Urner, Elizabeth; L. O. Williams, Princeton.

*New York*, 23—John H. Baker, New York City; Clarence M. Beal, Jamestown; A. R. Brand, Ithaca; Miss F. L. Bristol, Brooklyn; H. S. Brodt, Jr., New York; Verdi Burtch, Branchport; Mrs. F. M. Chapman, New York; Robert Darrow, Ithaca; W. W. Grant, Geneva; George E. Hix, Brooklyn; F. L. Jaques, C. W. Leister, Mrs. R. C. Murphy, W. W. Naumburg, and Miss Theodora Nelson, New York; James Savage, Buffalo; A. R. Shadle, Buffalo; A. K. Smiley and Daniel Smiley, Jr., Lake Mohonk; Mrs. H. W. Smith, Islip; Mr. and Mrs. Carl Tucker, New York; W. A. Welter, Ithaca.

*Ohio*, 7—John W. Aldrich, Cleveland; G. M. Cook, Youngstown; A. B. Fuller, Cleveland; W. C. Herman, Cincinnati; S. C. Kendeigh, Amherst; James Stevenson, Cleveland; C. F. Walker, Columbus.

*Oklahoma*, 1—George B. Saunders, Oklahoma City.

*Pennsylvania*, 15—D. G. Baird, Philadelphia; John Bartram, West Chester; W. W. Bowen and C. Emerson Brown, Philadelphia; B. H. Christy, Sewickley; F. R. Cope, Dimock; A. C. Emlen, and John T. Emlen, Jr., Philadelphia; B. C. Hiatt, Haverford; J. W. Large, Reading; A. W. Robinson and Miss Rachel G. Robinson, Haverford; J. B. Semple, Sewickley; H. T. Underdown, Philadelphia; T. E. Winecoff, Harrisburg.

*Vermont*, 1—W. P. Smith, Wells River.

*Virginia*, 1—Paul G. Redington, Falls Church.

*Wisconsin*, 1—Clarence Jung, Milwaukee.

*Canada*, 1—L. M. Terrill, St. Lambert, Quebec.

#### ELECTION OF OFFICERS.

The election of officers for 1931 resulted in the reelection of the officers of the preceding year as follows: President, Joseph Grinnell; Vice-Presidents, A. C. Bent and J. H. Fleming; Secretary, T. S. Palmer; Treasurer, W. L. McAtee. Members of the Council (in addition to officers and ex-presidents) J. P. Chapin, Ruthven Deane, H. C. Oberholser, J. L. Peters, C. W. Richmond, 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, MEMBERS AND ASSOCIATES.

FELLOWS—3

Alfred Otto Gross, Brunswick, Maine.  
Arthur Holmes Howell, Washington, D. C.  
Loye Holmes Miller, Los Angeles, Calif.

HONORARY FELLOWS—2

Count Ettore Arrigoni Degli Oddi, Padua, Italy.  
Erwin Stresemann, Berlin, Germany.

CORRESPONDING FELLOWS—4

Masauji Hachisuka, London, England.  
Henry Eliot Howard, Clarelands, England.  
Rear Admiral Hubert Lynes, R. N., London, England.  
Capt. Hugh Frederic Stoneham, Ketale, Kenya Colony.

MEMBERS—5

Alfred Marshall Bailey, Chicago, Ill.  
Henry Boardman Conover, Chicago, Ill.  
Lee Saunders Crandall, New York City.  
Harrison Flint Lewis, Ottawa, Canada.  
John Richard May, Boston, Mass.

ASSOCIATES—190

The names of Associates who have qualified will appear in the annual directory of members in the April number of 'The Auk.'