

PROCEEDINGS OF THE TWENTY-SEVENTH
ANNUAL MEETING

BY OLIN SEWALL PETTINGILL, JR., SECRETARY

The Twenty-seventh Annual Meeting of the Wilson Ornithological Club was held November 20-23, 1941, on the campus of the University of Illinois at the invitation of the Department of Zoology, Illinois State Natural History Survey, Natural History Museum, Urbana-Champaign Bird Club, Animal Ecology Club, and the Wildlife Club. Headquarters, one session, and dining quarters were in the attractive new Illini Union Building; the remaining sessions were in Gregory Hall.

The Executive Council met on Thursday evening. Friday and Saturday were devoted to two short business sessions, three sessions of papers, one session of natural color slides and motion pictures, a symposium, a show of natural color motion pictures, two open houses, a meeting of the Membership Committee, an auction of paintings, and the Annual Dinner. On Sunday there was a field trip to the Lake Chautauqua Wildlife Refuge.

MEETING OF THE EXECUTIVE COUNCIL

Dr. Josselyn Van Tyne was unanimously reappointed Editor of *The Wilson Bulletin*.

The Council accepted the invitation of Cornell University and the Cornell Laboratory of Ornithology to hold its 1942 Annual Meeting at Ithaca, New York. The meeting will take place on Friday and Saturday, November 27 and 28.

After some discussion as to possible meeting places in 1943, St. Louis, Missouri, was tentatively decided upon.

At the suggestion of the Treasurer, who has customarily served as Chairman of the Endowment Fund Committee, the Council authorized the organization of a new Endowment Fund Committee with a person other than the Treasurer as chairman and with committee members representing various sections of the country. It was the opinion of both the Treasurer and the Council that such a chairman would have more time in which to direct the affairs of this committee.

The Council reviewed the two amendments to the Constitution which were proposed at its meeting in 1941 (see *Wilson Bulletin*, 53: 59) and which were now on the table awaiting the action of Club members at the Saturday afternoon Business Session. It recommended the adoption of the first amendment to Article II, Section 3. This amendment reads: The dues of all associate members shall be raised from one dollar and fifty cents (\$1.50) to two dollars (\$2.00); the dues of all active members from two dollars and fifty cents (\$2.50) to three dollars (\$3.00).

Affiliations with the Inland Bird-Banding Association, the Virginia Society of Ornithology, and the Georgia Ornithological Society were approved by the Council.

In order to coordinate further the work of the various standing committees and the officers, the Council ruled that the chairmen of all standing committees shall be invited to participate in future Council meetings in an advisory capacity.

The need for revision and subsequent publication of the Constitution and By-Laws was expressed by the Secretary.

BUSINESS SESSIONS

President Lawrence E. Hicks called to order the first business session on Friday morning at 9:45. The minutes of the previous meeting were approved without being read since they had already been published in *The Wilson Bulletin*. The reports of the Secretary, Treasurer, Editor, and Librarian were read and approved.

The President appointed the following three temporary committees:

Resolutions: L. H. Walkinshaw, Frank Bellrose, Jr., and F. N. Hamerstrom, Jr.
Auditing: R. M. Strong and Burt L. Monroe.

Nominating: Margaret M. Nice, Harry W. Hann, and Richard L. Weaver.

A list of persons nominated to membership during the current year was placed on the table for approval by the organization.

The reports of the following committees were read and approved: Program, Endowment Fund, Membership, Wildlife Conservation, Affiliated Societies, Index, Library, and Illustrations.

The second and final business session was called to order at 2:15 Saturday afternoon by Vice-President Sutton.

Persons nominated to membership during the current year were formally elected.

The two amendments to Article II, Section 3, of the Constitution which were proposed by the Council at the Twenty-sixth Annual Meeting at Minneapolis were voted upon. The first amendment, bearing the Council's recommendation, was accepted unanimously. The second amendment was rejected.

The Resolutions Committee presented the following resolutions which were then adopted:

Whereas, the Sandhill Crane is becoming an increasingly rare breeder in the North Central States, and *Whereas*, Bernard W. Baker of Marne, Michigan, has purchased 491 acres of marsh in Calhoun County, Michigan, for the establishment of a Sandhill Crane Sanctuary, be it *Resolved*, that the Wilson Ornithological Club extend a vote of appreciation to Bernard W. Baker, one of its members, for establishing such a sanctuary.

Whereas, the White-winged Dove in the Rio Grande valley in Texas is rapidly decreasing in numbers due to the accelerated appropriation of its habitat by the clearing of lands essential to its perpetuation; and *Whereas*, the Fish and Wildlife Service and the Texas Game, Fish, and Oyster Commission have recognized the precarious situation of the bird and have conducted research for the purpose of determining measures which might be taken to preserve it, and have reached rather definite conclusions indicating that its preservation is dependent on the purchase and protection of specific nesting grounds, and on other measures; now therefore be it *Resolved*, that the Wilson Ornithological Club urge the Fish and Wildlife Service and the Texas Game, Fish, and Oyster Commission to take the necessary steps at the earliest possible time to insure the perpetuation of this species; and be it further *Resolved*, that copies of this resolution be sent to the Director of the Fish and Wildlife Service and the Texas Game, Fish, and Oyster Commission.

Resolved, that the Wilson Ornithological Club join with the National Audubon Society and other conservation organizations in advocating uniform state laws conforming to the terms of the new New York State law, carrying into effect the conditions of the Joint Declaration of Policy and Program entered into by the National Audubon Society and Feather Industries of America, Inc. Be it further *Resolved*, that the Wilson Ornithological Club join with the National Audubon Society and other conservation organizations in advocating an amendment of the Federal Tariff Act to eliminate the proviso which now permits importation of wild bird plumage for use in the manufacture of fish flies and the importation of manufactured fish flies containing wild bird plumage.

Resolved, that the Wilson Ornithological Club at its Twenty-seventh Annual Meeting on November 20-23, 1941, in Urbana-Champaign, Illinois, express its sincere thanks to its hosts who have made this meeting so pleasant and successful and to the University of Illinois, especially to the members of the Local Committee and its Chairman, S. Charles Kendeigh, to the Department of Zoology, Illinois Natural History Survey, Natural History Museum, Urbana-Champaign Bird Club, Animal Ecology Club, and the Wildlife Club.

The Nominating Committee offered the following report:

President—George Miksch Sutton, Laboratory of Ornithology, Cornell University, Ithaca, New York.

First Vice-President—S. Charles Kendeigh, University of Illinois, Champaign, Illinois.

Second Vice-President—Olin Sewall Pettingill, Jr., Carleton College, Northfield, Minnesota.

Secretary—Maurice Brooks, West Virginia University, Morgantown, West Virginia.

Treasurer—Gustav Swanson, University Farm, St. Paul, Minnesota.

Additional Members of the Executive Council—Eugene P. Odum, University of Georgia, Athens, Georgia; Burt L. Monroe, Anchorage, Kentucky; Lawrence H. Walkinshaw, Battle Creek, Michigan.

The report of the Nominating Committee was accepted by motion and the Secretary was authorized to cast one ballot for the nominees, thus electing them officers of the Wilson Ornithological Club for the ensuing year.

The session was formally adjourned at 4:00 P.M.

PAPERS SESSIONS

The opening session began on Friday morning with an address of welcome by Dr. Carl G. Hartman, Head of the Department of Zoology and Physiology, and a response by President Lawrence E. Hicks.

The remainder of the Friday morning session, the Saturday morning session, and a portion of the Saturday afternoon session were devoted to the reading of papers. There were altogether 19 papers devoted to the following ornithological studies: life history, 5; distribution, 5; historical, 3; population, 3; wildlife management, 1; bird sounds, 1; taxonomic, 1.

Below is given the program of papers, together with brief abstracts:

OPENING SESSION, FRIDAY MORNING, NOVEMBER 21

1. HARRY W. HANN, University of Michigan. *The Cowbird at the Nest*. Illustrated by 3¼" x 4" slides. (20 minutes.)
(Abstract omitted because this paper was published in the last December issue of *The Wilson Bulletin*.)
2. MAURICE BROOKS, West Virginia University. *Birds at the Extremities of Their Ranges*. (12 minutes.)
(This paper is being published in *The Wilson Bulletin*.)
3. FERD LUTHY, Duck Island Preserve, Peoria, Illinois. "Report of the Superintendent." (10 minutes.)
Interesting excerpts from an unsigned typewritten manuscript entitled: "Superintendent's Second Annual Report to the Duck Island Club." The report was dated January 19, 1897. The Club, established in 1886, was located five miles from Lake Chautauqua.
The above report described the marsh conditions, summarized the number of hunting days and resultant kill, mentioned the "crippling" loss and the necessity (?) for artificial feeding and a bag limit of 25 "within a few years."
4. C. W. G. EFRIG, Concordia Teachers College, River Forest, Illinois. *Illinois Ornithology at Seventy and Ninety Years Ago*. (15 minutes.)
About 1870-72 the late E. W. Nelson carried on extensive ornithological research in northeastern Illinois, mainly in the vicinity of Chicago. He published his results in *The Bulletin of the Essex Institute* in 1876. In this paper the great changes in bird life between then and now were pointed out.
5. GEORGE MIKSCH SUTTON, Laboratory of Ornithology, Cornell University. *Is Sutton's Warbler a Valid Species?* (15 minutes.)
(This paper has now been published in the *Cardinal*, 5, No. 7, Jan., 1942: 151-154, 2 pls.)

6. PIERCE BRODKORB, University of Michigan Museum of Zoology. *Life Zones versus Biotic Areas in Chiapas, Mexico*. (15 minutes.)

The avifauna of Chiapas is divisible into major altitudinal groups, each of which has two or more isolated subdivisions. The break between life zones and biotic areas occurs at different places for different species. The degree of endemism in each area is inversely correlated with increasing altitude. Time rather than physical isolation appears to be the primary factor controlling speciation in this region.

SATURDAY MORNING

7. DOROTHEA W. F. EWERS, Department of Psychology, University of Chicago. *The Calls of Song Sparrows, Bobolinks, and Goldfinches Raised in Captivity*. Illustrated with disc recordings. (20 minutes.)

A comparison of the calls of the following birds: two male Song Sparrows raised by Mrs. Margaret M. Nice; two male Bobolinks raised by O. S. Pettingill, Jr.; and a male and female Goldfinch raised by William E. Schantz.

8. KATHERINE A. WHITE, University of Michigan Biological Station. *Frequency of Occurrence of Summer Birds in the Immediate Vicinity of the University of Michigan Biological Station*. Illustrated by $3\frac{3}{4}$ " x 4" slides. (15 minutes.)

A study of the composition of the bird population in the vicinity of the University of Michigan Biological Station during the summer of 1941 using Jean M. Linsdale's method of applying Raunkaier's Law of Frequency.

9. B. W. CARTWRIGHT, Ducks Unlimited, Winnipeg, Manitoba, Canada. *Birds Observed in the Perry River District, Queen Maud Gulf, Canadian Arctic, by Angus Gavin*. Illustrated by 2" x 2" slides. (20 minutes.)

Circumstances leading up to the discovery of the breeding grounds of Ross's Geese (announced in 1940) and the discovery of the breeding grounds of Tule Geese in 1941, with further detailed observations made in 1941 on Ross's Geese and a brief account of the bird life of the hitherto unexplored Perry River country.

10. LEONARD C. BRECHER, Louisville, Kentucky. *Early Ornithologists and Their Books*. Illustrated with 2" x 2" Kodachrome slides. (20 minutes.)

Since there has been no simple published account of the works of the men who have influenced North American Ornithology, this paper presented a survey of the men and their chief works in their historic sequence. For illustrative purposes three slides of an original chart were projected on the screen. This chart had been compiled to show the relationship of one man's life span to another and to give the dates of each man's publications. The "period system" advanced by Elliott Coues was extended back to Aristotle and continued to the present.

11. J. FRANK CASSEL, Laboratory of Ornithology, Cornell University. *An Inland Island—A Preliminary Discussion of the Ornithological Significance of the Black Hills of South Dakota and Wyoming*. Illustrated with $3\frac{3}{4}$ " x 4" slides. (15 minutes.)

In southwestern South Dakota and extreme northeastern Wyoming, rising from two to three thousand feet above the surrounding plains, lies an area of approximately 50 by 100 miles known as the Black Hills. The Biological Survey's life zone map (1910) indicates this region as a spot of Canadian in the southern extremity of an arm of Transition Zone. Pitelka (1941) in his map of the major biotic communities of North America shows it as an island of coniferous forest amid a sea of extensive grassland.

In spite of the facts of this interesting isolation of the Black Hills, and of their being the home of at least one endemic species—the White-winged Junco, and

of their lying on the periphery of the range of 107 of the 189 birds listed as breeding, little concentrated ornithological work seems to have been done in the region. The purpose of this paper was twofold: first, to call the attention of bird students to a unique territory; and second, to inquire after the unpublished data of any who have worked there.

12. O. RUTH SPENCER, University of Michigan Biological Station. *Studies in the Life History of the Black-billed Cuckoo*. (15 minutes.)

A discussion of the observations made at the University of Michigan Biological Station during the summers of 1939 and 1941. Information was obtained on such phases of the Cuckoo's life history as egg-laying intervals, length of incubation period, length of nestling life, feeding habits, and frequency of feeding the young.

13. ROBERT C. McCLANAHAN, U. S. Fish and Wildlife Service, Washington, D.C. *Waterfowl Investigations in the Prairie Provinces of Canada, 1940-1941*. Illustrated by $3\frac{1}{4}$ " x 4" slides. (15 minutes.)

Continuing investigations begun by the Fish and Wildlife Service in 1934 on the waterfowl nesting areas of Manitoba, Saskatchewan, and Alberta, the months of June, July, and August of 1940 and 1941 were spent on the prairies of southern Canada. As a result of subnormal precipitation only a relatively small number of sloughs were available as nesting sites, yet by far the most important factor limiting increase was a breeding stock insufficient to occupy the available water. In 1940 there was no indication of any serious loss of ducklings from lack of water, and in 1941 the loss was not much greater. Mortality from several other adverse factors was noted, but in neither year was this considered excessive. Whereas a slight increase of waterfowl was predicted in 1940, practically no changes in the numbers of waterfowl sent south from the prairies were predicted in 1941.

14. VERNA R. JOHNSTON, University of Illinois. *Factors Influencing the Distribution of Woodland Birds in Winter*. Illustrated by $3\frac{1}{4}$ " x 4" slides.

This study of a second-growth Illinois forest covered one and one-half years. Wind and temperature had varying effects upon the distribution of the birds in winter: a strong wind caused day by day shifts in location; temperature influenced the amount of feeding and vertical distribution. Winter flocking tendencies were analyzed and the composition of an average flock determined.

15. MARGARET M. NICE, Chicago, Illinois. *Song in Female Birds*. Illustrated by $3\frac{1}{4}$ " x 4" slides. (15 minutes.)

Singing in birds is usually thought of as a male prerogative. In some species, however, females regularly sing, while in others they do so sporadically. A theory of the possible evolution of song in male and female birds was suggested. Song is innate in both sexes. Where song serves chiefly territorial uses and territorial defense is primarily taken over by one sex; then song is most highly developed in this sex, and may almost disappear in the other. In individual cases where territorial responsibilities are thrust upon the normally less active bird, it may respond with excellent song (e.g., Blanchard's female White-crowned Sparrows). Where song serves as a bond between the sexes, it naturally is well developed in both.

16. RICHARD LEE WEAVER, Dartmouth College, Hanover, New Hampshire. *Notes on the Life History of the Pine Siskin*. (15 minutes.)

A summary was given of thirty days of observation on the building of the nest, laying of the eggs, incubation, and raising of the young of a pair of Pine Siskins at Hanover, New Hampshire during April and May, 1941. There were also general observations on the Siskin populations of 1941 compared with Siskin populations of other years and with those of other northern finches.

SATURDAY AFTERNOON

17. ROBERT E. HESSELSCHWERDT, Illinois State Natural History Survey. *Wildlife Restoration Experiments on Intensively Farmed Land in Champaign County, Illinois*. Illustrated by $3\frac{3}{4}$ " x 4" slides. (15 minutes.)

The work described in this paper is concerned with the problem of establishing good wildlife restoration methods on the very intensively farmed land in the black soil prairie region where corn and soy beans are the most important crops.

The factors most influential in this region are: (1) soil of superior fertility linked with (2) a class of farming people superior in education, wealth, and aggressiveness.

Because of the universal use of modern farming machinery, including mechanical corn pickers, there is a large food supply in the form of waste grains for upland game and other wildlife species. This food supply is not being utilized because it is not balanced by adequate protective cover. The situation is being met by the establishment of $3\frac{1}{2}$ miles of fence-row plantings on the 4-square-mile development area, utilizing shrubs and evergreens which conform with the special requirements of the region.

Fifty-six large nest boxes built at a total cost of approximately \$98 and installed in trees and hedges on the study area, have produced in two years a total of 32 young Screech Owls, 19 young Sparrow Hawks, 37 young fox squirrels, 200 pounds of wild honey, and good winter shelter for many wildlife species. These boxes have also produced much information on the nesting habits and food habits of the Screech Owl.

18. FRANK BELLROSE, JR., Illinois State Natural History Survey. *Waterfowl Populations in the Illinois River Valley*. Illustrated with $3\frac{3}{4}$ " x 4" slides. (15 minutes.)

Population estimates of waterfowl on representative lakes in the Illinois River valley have been made since 1938. Graphs, based on the number of birds per acre of water surface, showed the relative abundance of the more important species of waterfowl.

Various factors affect the seasonal and annual abundance of waterfowl in the Illinois Valley. Water and food supply are the two most important factors.

19. GEORGE MIKSCH SUTTON, Laboratory of Ornithology, Cornell University, and OLIN SEWALL PETTINGILL, JR., Carleton College and the University of Michigan Biological Station. *The Birds of a Bull's Horn Acacia*. (15 minutes.)

A common shrub of Mexico is the Bull's Horn Acacia which possesses large paired thorns in which live a species of red-and-black ant. On the Rancho Rinconada in southwestern Tamaulipas, headquarters of the Cornell University-Carleton College Expedition, grew one such shrub in which nested a pair of Derby Flycatchers (*Pitangus sulphuratus*) and a pair of Giraud's or Social Flycatchers (*Myiozetetes similis texensis*). In a blind set up by this shrub for observation purposes a female Hooded Oriole (*Icterus cucullatus cucullatus*) built her nest.

During a period of 25 days considerable information was obtained on the life histories of these individual birds and the ecological relationships of birds, ants, and shrub.

NATURAL COLOR SLIDES AND MOTION PICTURES SESSION

SATURDAY AFTERNOON

20. EDWARD MORRIS BRIGHAM, JR., Kingman Memorial Museum, Battle Creek, Michigan. *Some Unusual Experiences with Michigan Birds*. Kodachrome slides and 16" x 20" black and white enlargements. (20 minutes.)

A popular account of Bald Eagles nesting on the ground in jackpine country,

photographing Hudsonian Curlews and Kirtland's Warblers, a male Bob-white incubating a clutch of eggs from early July to early October, and visits to a Black-crowned Night Heron and Common Tern colony.

21. LAWRENCE H. WALKINSHAW, Battle Creek, Michigan. *Some Sandhill Cranes in Native Habitats*. Kodachrome motion pictures. (15 minutes.)

Views of cranes and crane habitats in Michigan, the Kissimmee Prairie of Florida, Jackson County in Mississippi, Malheur National Wildlife Refuge in Oregon, Caribou County in Idaho, and Juab County in Utah.

22. ROSALIE EDGE, Emergency Conservation Committee and Hawk Mountain Sanctuary Association, New York City. *Hawk Mountain Comes to the W.O.C.* Kodachrome motion pictures. (Because Mrs. Edge was unable to attend the meeting, the pictures were presented by Roger Tory Peterson.)

A pictorial record of a typical October day at Hawk Mountain, Pennsylvania, showing the numbers of visitors and the numbers of hawks and eagles seen from the crest of the mountain.

A SYMPOSIUM ON THE DISTRIBUTION OF BIRDS IN RELATION TO ECOLOGICAL CONCEPTS

On Friday afternoon from 2:00 to 4:00 a symposium was held on the biome concept in bird distribution in contrast to the life-zone concept. The symposium was led by Dr. V. E. Shelford of the University of Illinois.

EUGENE P. ODUM, University of Georgia. *Relation of the Distribution of Birds to Biomes*.

JOHN W. ALDRICH, Fish and Wildlife Service, Washington, D.C. *Birds of a Deciduous Forest Aquatic Association*.

JOSEPH J. HICKEY, New York City. *Deciduous Forest Birds*. (Paper presented by S. Charles Kendeigh.)

O. A. STEVENS, North Dakota State Agricultural College. *Grassland Birds*.

ROGER TORY PETERSON, National Audubon Society, New York City. *Coniferous Forest Birds*.

Following the above presentations the Chairman led an interesting discussion in which ten persons participated.

A SHOW OF NATURAL COLOR MOTION PICTURES

During Friday evening three members presented some of their latest motion pictures as follows:

The Bobolink and the Blue Jay. OLIN SEWALL PETTINGILL, JR., Carleton College and University of Michigan Biological Station.

Bird Life of the Miami Valley. KARL H. MASLOWSKI, Cincinnati, Ohio.

Wings of the West. CLEVELAND P. GRANT, Baker-Hunt Foundation, Covington, Kentucky.

Through the courtesy of the U.S. Fish and Wildlife Service, W. F. Kubichek's film on the home life of the Western Grebe was shown at the conclusion of the show.

OPEN HOUSES

The Vivarium Building was open to visitors between 4:00 and 6:00 on Friday afternoon and guides were available from the Animal Ecology Club. Researches in progress dealing with photoperiodism, metabolism, continuous record of activity, and bird parasites were on exhibit. The Natural Resources Building was open to visitors from 6:00 to 8:00 on Friday evening. Guides from the Wildlife Club were available to show the work in progress dealing with birds, mammals, fish and wildlife management.

The Natural History Museum on the second floor of the Natural History Building was open for inspection throughout the meeting. Here were exhibits of all common Illinois birds as well as representatives of other major animal groups.

MEETING OF THE MEMBERSHIP COMMITTEE

A special meeting of the Membership Committee was called to order on Friday afternoon by its Chairman, Dr. Richard L. Weaver. Twelve members and the Secretary were present. This meeting gave excellent opportunity for the members of this important committee to pool their suggestions for increasing the effectiveness of their work. The progress of the past year was reviewed and plans for the coming year were formulated.

AN AUCTION OF GEORGE MIKSCH SUTTON'S ORIGINAL PAINTINGS

Following the sessions of Saturday afternoon, the members and visitors adjourned to the nearby Y.M.C.A. Building to participate in an auction of Sutton originals (six small-sized watercolor paintings and one pencil drawing). Mr. James Boswell Young of Louisville, Kentucky, served as auctioneer. The irresistible humor and entreaties of the auctioneer made the occasion highly enjoyable and successful. As had been previously announced, the entire sum of money obtained from this auction will be used in financing illustrations for *The Wilson Bulletin*.

THE ANNUAL DINNER

The Annual Dinner in the Illini Union Building on Saturday evening had the largest attendance in the history of the Wilson Ornithological Club—altogether 174 persons were present.

An attractive pen-and-ink sketch of a Wilson's Plover by T. M. Shortt of Toronto, Canada, decorated the menu and small, original sketches by the same fine artist enlivened the place-cards at the speakers' table.

Following the dinner Dr. Theodore H. Frison, Chief of the Illinois State Natural History Survey, spoke on the present wildlife management program of the Survey with particular reference to ornithological activities and showed a Survey film, "Nest Boxes for Wildlife Restoration, with Special Reference to the Wood Duck." Then Murl Deusing, Naturalist and Lecturer of the Milwaukee Public Museum, showed his natural color film, "Wild Wings," containing numerous episodes in the life histories of the Great Blue Heron, Blue-winged Teal, Mourning Dove, Woodcock, American Bittern, Barn Swallow, Ruby-throated Hummingbird, Rose-breasted Grosbeak, and Herrings Gulls.

FIELD TRIP

On Sunday about seventy members and visitors went on a field trip to the Lake Chautauqua Wildlife Refuge on the Illinois River near Havana. The trip was sponsored by the Illinois State Natural History Survey. A journey around the Refuge was made in the Survey's boat. Approximately 150,000 ducks, mostly Mallards, were seen.

ATTENDANCE

According to the registration books 241 persons attended the meeting, but this figure does not include the large number of visitors attending the show of motion pictures on Friday evening.

One hundred and thirty-four of the persons in attendance were members, the largest number ever to attend a meeting of the Wilson Ornithological Club. Of these members, two were Founders, 12 were Councillors, 5 were Past Presidents. Several members traveled great distances to attend. Among them were: B. W. Cartwright of Winnipeg, Manitoba; Wendell P. Smith of Wells River, Vermont; Richard L. Weaver and Mrs. L. A. Forsyth of Hanover, New Hampshire; George L. Wallace of Lenox and Miss Ruth D. Turner of Melrose, Massachusetts; E. T. Nelson of New Brunswick, New Jersey; Miss Theodora Nelson of New York City; D. R. Hostetter of Harrisonburg and Mrs. G. T. Wiltshire of Lynchburg, Virginia; Eugene P. Odum of Athens, Georgia.

Twenty-two states and the District of Columbia were represented. Next to Illinois the state with largest attendance was Michigan with fifteen members and seven visitors present.

The list of members in attendance follows:

From Georgia: 1—E. P. Odum, Athens. *Visitor*, 1.

From Illinois: 39—A. I. Means, Atwood; A. L. Eustice, Barrington; K. E. Bartel, Blue Island; Miss V. R. Johnston, Cerro Gordo; H. G. Anderson, S. C. Kendeigh, C. O. Mohr, H. C. Seibert, R. E. Yeatter, Champaign; Wendell Dahlberg, C. O. Decker, Mrs. Dorothea Ewers, Alfred Lewy, L. B. Nice, Mrs. M. M. Nice, Mrs. W. D. Richardson, W. C. Stanett, R. M. Strong, Chicago; Miss K. A. White, Collinsville; G. B. Happ, Elshah; Harold Ault, Fiatt; H. M. Holland, Galesburg; Rev. G. M. Link, Grafton; W. H. Elder, Havana; C. F. McGraw, Milan; Miss O. R. Spencer, Moline; Ferd Luthy, Peoria; T. E. Musselman, Quincy; C. W. G. Eifrig, River Forest; Frank Bellrose, Jr., V. E. Shelford, Mrs. E. L. Snapp, Mrs. V. Vaniman, H. R. Wanless, and L. E. Yeager, Urbana. *Visitors*, 80.

From Indiana: 8—Miss Margaret Umbach, Fort Wayne; Miss M. F. Campbell, Miss M. R. Knox, Miss Dorothy Hobson, Miss C. A. Moore, Indianapolis; Miss Elizabeth Mullin, Muncie; C. G. Fredine, C. M. Kirkpatrick, Lafayette. *Visitor*, 1.

From Iowa: 1—Jean Laffoon, Sioux City.

From Kansas: 1—Miss Lena Feighner, Kansas City. *Visitor*, 1.

From Kentucky: 13—B. L. Monroe, Anchorage; C. P. Grant, Covington; Clayton Gorden, H. C. Rogers, Glasgow; C. C. Counce, Hopkinsville; L. C. Brecher, Miss Amy Deane, Miss R. J. Green, Miss Helen Peil, Miss E. J. Schneider, Miss Mabel Slack, Miss A. A. Wright, J. B. Young, Louisville. *Visitors*, 2.

From Manitoba: 1—B. W. Cartwright, Winnipeg.

From Maryland: 1—W. J. Howard, Chevy Chase.

From Massachusetts: 2—G. J. Wallace, Lenox; Miss R. D. Turner, Melrose.

From Michigan: 15—Pierce Brodkorb, J. L. George, H. W. Hann, J. Van Tyne, H. H. Wilcox, Jr., Ann Arbor; E. M. Brigham, Jr., L. H. Walkinshaw, Battle Creek; Mrs. G. A. Kelly, Miss G. V. Sharritt, Miss E. W. Townsend, Detroit; S. M. Pell, Huron Mountain; C. H. Cook, Lakeside; B. W. Baker, Marne; F. N. Hamerstrom, Jr., Pinckney; Mrs. E. D. Keifer, Port Huron. *Visitors*, 7.

From Minnesota: 4—W. J. Breckenridge, Gustav Swanson, Minneapolis; O. S. Pettingill, Jr., Miss Peggy Muirhead, Northfield. *Visitor*, 1.

From Missouri: 5—G. H. Klinkerfuss, Mrs. G. H. Klinkerfuss, Normandy; Miss N. L. Binnington, Richard Grossenheider, Wayne Short, St. Louis. *Visitors*, 6.

From New Hampshire: 2—Miss L. A. Forsyth, Richard Weaver, Hanover.

From New Jersey: 1—E. T. Nelson, New Brunswick.

From New York: 3—G. M. Sutton, Ithaca, Miss Theodora Nelson, R. T. Peterson, New York City. *Visitor*, 1.

From North Dakota: 1—O. A. Stevens, Fargo.

From Ohio: 12—K. H. Maslowski, Cincinnati; Miss M. E. Morse, Cleveland; Miss Vera Carrothers, East Cleveland; H. L. Barry, L. E. Hicks, D. L. Leedy, R. H. Mills, Columbus; J. H. Jenkins, Mt. Vernon; T. W. Porter, Oak Harbor; Lynds Jones, Oberlin; Harold Mayfield, Toledo. *Visitors*, 5.

From Pennsylvania: 5—M. G. Netting, G. B. Thorp, W. E. C. Todd, A. C. Twomey, Pittsburgh; J. F. Cassel, Reading.

From Tennessee: 1—A. F. Ganier, Nashville.

From Vermont: 1—W. P. Smith, Wells River.

From Virginia: 2—D. R. Hostetter, Harrisonburg; Mrs. G. T. Wiltshire, Lynchburg. *Visitor*, 1.

From West Virginia: 3—I. B. Boggs, Maurice Brooks, Morgantown; Mrs. Elizabeth Etz, Wheeling.

From Washington, D.C.: 3—Frank C. Craighead, R. C. McClanahan, J. W. Aldrich.

From Wisconsin: 9—Mrs. H. L. Playman, Mrs. W. E. Rogers, Appleton; W. E. Scott, Madison; Murl Deusing, Carl Kinzel, W. J. Mueller, Peter Steib, Milwaukee; R. H. Gensch, Rhinelander; Miss E. M. Heinke, Stoughton. *Visitor*, 1.

Summary of Attendance: Total registration, 241 (members, 134, visitors, 107); Total from Urbana-Champaign, 38 (members, 11, visitors, 27); Total from Illinois, 119 (members, 39, visitors, 80). Total outside of Illinois, 122 (members, 95, visitors, 27). Maximum number at each session: Friday morning, 160; Saturday morning, 175; Saturday afternoon, 200; Symposium, 150. Approximate number at motion picture show Friday evening, 460. Number at Annual Dinner, 174. Number of persons in group photograph, 154.

REPORT OF THE MEMBERSHIP COMMITTEE

The present Chairman assumed office in January 1941. The committee has been enlarged since then to seventy members so as to have active representatives in most of the states and in the larger metropolitan areas or centers of ornithological activity.

The committeemen have been exceptionally active and have recommended a great many ornithologists and naturalists for membership.

Some members who had been delinquent in dues for two years were induced to rejoin the Club.

The descriptive folder for the Club and the *Wilson Bulletin* have been of great value in interesting people in the organization and in obtaining new members.

As the result of the cooperative efforts of the whole committee 284 new members have been added to the Club during 1941. They are divided as follows: one Sustaining, 35 Active, and 248 Associate Members.

November 22, 1941.

Respectfully submitted,

RICHARD L. WEAVER, *Chairman*.

The Chairman of the Membership Committee announces the following additions to the Committee:

Illinois	Mrs. Virginia Eifert	Ohio	Karl Maslowski
Indiana	C. Gordon Fredine	Oklahoma	Leonard Uttal
Massachusetts	Miss Ruth D. Turner	Washington, D.C.	John Aldrich
Missouri	Wayne Short		James O. Stevenson
New York	Roger Tory Peterson	West Virginia	I. B. Boggs
North Dakota	Stanley Saugstad	Canada	B. W. Cartwright

ADDITIONAL NEW MEMBERS

The following applications for membership in the Wilson Ornithological Club were received between November 15 and December 31, 1941. They could not be included in the annual membership roll published in *The Wilson Bulletin* for December, 1941, and are therefore included in this issue. All will, of course, be included in the next complete membership roll published.

SUSTAINING

Alfred Leroy Eustice, Bright Land Farm, Barrington, Ill.

ACTIVE

James Henry Bruns, 724 Whitney Bldg, New Orleans, La.
 Lieut.-Col. Robert Patrick Carroll, Honeysuckle Hill, Lexington, Va.
 Russell Benjamin Harris, 2100 Madison Ave., Apt. 2, Toledo, Ohio.
 Harold Holmes Harrison, The Valley Daily News, Tarentum, Pa.
 Alexander Henderson, 89 Woodland Road, Chestnut Hill, Mass.
 Francis Lee Jackson, 541 Hammond St., Chestnut Hill, Mass.
 Dr. G. H. Klinkerfuss, 340 Bermuda Ave., Normandy, Mo.
 Mrs. G. H. Klinkerfuss, 340 Bermuda Ave., Normandy, Mo.
 Dr. Earl Newlon McCue, P. O. Box 104, Morgantown, W. Va.
 Walter Rosene, Jr., 1210 Jupiter, Gadsden, Ala.
 Miss Maxine Thacker, Branchland, W. Va.
 Mrs. Joseph E. Vollmar, 6138 Simpson Ave., St. Louis, Mo.
 Henry Taylor Wiggin, 131 Tappan St., Brookline, Mass.

ASSOCIATES

William Bryan Barnes, Room 10, State House Annex, Indianapolis, Ind.
 Ernest Nutter Beatty, Jr., 2206 Auburn Ave., Cincinnati, Ohio
 George Charles Becker, Port Edwards, Wis.
 Miss Elizabeth Margaret Boyd, Mount Holyoke College, South Hadley, Mass.
 Miss Arminta Alice Brandenburg, State Hospital, Toledo, Ohio.
 Joseph Brauner, 151 Savoy St., Bridgeport, Conn.
 Miss Katherine Marie Brindley, 1920 Mt. Vernon Ave., Toledo, Ohio
 Eugene Spencer Castle, 80 S. State St., Elgin, Ill.
 Roland C. Clement, 804 Walnut St., Fall River, Mass.
 John A. Collins, Jr., 20 Quincy St., Lawrence, Mass.
 James Earl Comfort, 551 W. Kirkham Ave., Webster Groves, Mo.
 James F. Comfort, 27 N. Iola Dr., Webster Groves, Mo.
 Frank C. Craighead, 5301 41st St., N.W., Washington, D. C.
 Edmund Rust Cross, 1751 University Ave., San Diego, Calif.
 Miss Amy Deane, 2313 Hale, Louisville, Ky.
 George Andrew Dorsey, Vinings, Ga.
 Harry E. Duer, 1651 E. 93rd St., Cleveland, Ohio.
 Mrs. Elaine Edmonds, Keene Valley, N. Y.
 Mrs. H. D. Eifert, Illinois State Museum, Springfield, Ill.
 Donald S. Farner, Biology Building, Madison, Wis.
 James Bush Flugel, 1104 American National Bank Bldg., Kalamazoo, Mich.
 Harold Nelson Gibbs, A-71 Sowams Rd., Barrington, R. I.
 Herchel T. Gier, Ohio University, Athens, Ohio.
 Clayton Goodwin, Glasgow, Ky.
 Miss Cora Janet Hackett, 3934 Avery Ave., Detroit, Mich.
 L. George Hoth, 4 Cross Place, Glen Ridge, N. J.
 John D. Jameson, Sugar Hill, N. H.
 Charles M. Kirkpatrick, Dept. of Forestry, Purdue University, Lafayette, Ind.
 Frank J. Kozacka, 81 Cedar St., Amesbury, Mass.

Duncan McArthur Marshall, 12801 Gratiot Ave., Detroit, Mich.
Miss Esther Mason, Montgomery Ave., Louisville, Ky.
Robert H. Mitchell, 19 S. Liberty St., New Concord, Ohio.
Miss Laura Brooks Moore, French Creek, W. Va.
Mrs. Louise Davol Nortin, 360 Prospect St., Fall River, Mass.
Miss Helen Peil, 2064 Sherwood Ave., Louisville, Ky.
Robert Allan Pierce, Nashua, Iowa.
Mrs. H. L. Playman, 217 N. Union St., Appleton, Wis.
Miss Marian Frances Pough, 4 Lenox Place, St. Louis, Mo.
Samuel Dowse Robbins, Jr., 422 N. Murray St., Madison, Wis.
H. C. Rogers, Glasgow, Ky.
Mrs. Otto Ruccker, Seapowet Farm, Tiverton, R. I.
J. Max Shepherst, 504 River Rd., Maumee, Ohio.
Albert E. Shirling, 3849 E. 62, Kansas City, Mo.
Luther Ely Smith, 1554 Telephone Bldg., 1010 Pine St., St. Louis, Mo.
Harry Herbert Stone, Jr., P. O. Box 101, Sturbridge, Mass.
S. Warren Sturgis, 66 Marlboro St., Boston Mass.
Ralph W. Velich, Nebraska State Museum, University of Nebraska, Lincoln, Nebr.
Alfred Wallner, 111 Roby Rd., Madison, Wis.
Louis M. Weber, 2713 Dadier St., St. Louis, Mo.
Miss Audrey Wright, 1312 Hepburn, Louisville, Ky.
Arnold Zempel, 7823 Stanford Ave., University City, Mo.

REPORT OF THE WILDLIFE CONSERVATION COMMITTEE

The membership of this committee has been changed somewhat, to give a better geographic spread. The present members are:

Rudolf Bennitt	Seth H. Low
C. A. Dambach	Margaret M. Nice
Paul L. Errington	Miles D. Pirnie
Wallace Grange	Richard H. Pough
Ludlow Griscom	Herbert L. Stoddard
F. N. Hamerstrom, Jr.	Gustav Swanson
Arthur S. Hawkins	Milton B. Trautman
William J. Howard	Leonard W. Wing
Harrison F. Lewis	

The work of the Committee has appeared currently in the *Bulletin* and needs no review here.

I should like to emphasize one point. The Conservation Committee can do a better job if every member of the Club will take part. From time to time, the Committee will call on individuals for information on specific problems; however, I urge every member of the Club to send me suggestions without waiting to be asked. If you have an article for the Conservation Section of the *Bulletin*, or if you have a lead that the Committee should follow up, send it in; if you have criticisms of the work of the Committee, let me know. The Committee will appreciate your help in keeping posted.

November 18, 1941.

F. N. HAMERSTROM, JR., *Chairman.*

REPORT OF THE COMMITTEE ON AFFILIATED SOCIETIES

With profound regret, your Committee on Affiliated Organizations has to record the death of one of its members, Dr. Myron H. Swenk, of the University of Nebraska, within the past year.

During the year since the Minneapolis meeting the movement toward affiliation of ornithological societies in the United States and Canada has gained momentum.

The Wilson Club itself, and the Cooper Ornithological Club have consummated affiliation with the American Ornithologists' Union. At the Denver meeting of the A.O.U. this past September our club was officially represented on the Council by Dr. George M. Sutton.

Shortly after last year's meeting Mr. Ganier prepared a letter dealing with affiliation matters and it was sent to the officers of a number of state ornithological societies.

We are happy to report that during the year three strong and active organizations, the Inland Bird Banding Association, the Virginia Ornithological Society, and the Georgia Ornithological Society, have, by practically unanimous vote, signified their intention and desire to affiliate with the Wilson Club. Formal consummation of this affiliation will be effected during the present meeting.

Dr. Kendeigh has drawn up the articles of affiliation which will be used.

The Executive Committee of the Wisconsin Society of Ornithology has expressed interest in possible affiliation, and has decided to present the matter for a vote to the entire society at a meeting next April. Other state organizations have shown an interest in affiliation, and it is hoped that our association may grow in numbers and mutual usefulness.

Respectfully submitted,
MAURICE BROOKS, *Chairman*

November 20, 1941.

REPORT OF THE LIBRARIAN FOR THE YEAR ENDING NOVEMBER, 1941

I have the honor to present herewith the eleventh annual report of the Librarian of the Wilson Ornithological Club.

Many valuable gifts have been presented to the library this past year. There were 247 unbound periodicals and reprints received from thirty members of the Club. In addition there were 23 bound volumes from five members. A detailed list of these gifts will be found in the four numbers of the *Wilson Bulletin* for 1941.

We are receiving 59 journals, some in exchange for the *Wilson Bulletin* and others by gift. Because of the unsettled condition of the world we have not received some numbers but enough keep slipping through to encourage us in the belief that we will eventually have a complete file of all the journals.

All 1941 *Bulletins* printed to date have been received and housed in a suitable place. There has been a brisk sale of the *Bulletins* this past year which may make it necessary to provide more space for the office supply that is used for current distribution.

May the Librarian call attention to a new edition of the Union List of Serials in Libraries of the United States and Canada, edited by Winifred Gregory, which will be available early in 1942. Members can check this list to find what we have of any one title. If you find you have duplicates of anything we lack, the Librarian will be glad to receive them. The Union List will be found in most libraries over the United States and Canada.

Respectfully submitted,
F. RIDLEN HARRELL, *Librarian*.

November 19, 1941.

REPORT OF THE SECRETARY FOR 1941¹

Membership in the Wilson Ornithological Club now totals 1,181 and is classified as follows: Honorary, 4; Life, 10; Sustaining, 38; Active, 374; Associate, 755.

Altogether 178 members were lost during the year: 173 were delinquent in dues or resigned; 5 were taken by death. The total number of new members obtained this year will be announced by the Chairman of the Membership Committee,

¹ Revised through December 31, 1941.

Dr. Richard L. Weaver. For his tireless efforts in securing this remarkably high figure, he alone deserves this privilege. The Secretary will only say that we now show a net gain of 141 members over the total for 1940 *and a net gain of 137 over the all-time-high of 1939!* After several years of trial and error, it appears that this organization has finally hit upon a surefire method of membership solicitation.

Ohio continues its lead of the past several years with 118 members. Michigan, New York, Illinois, Minnesota, and Pennsylvania follow with 98, 83, 80, 74, and 61, respectively. The state showing the greatest rise in members is Wisconsin—its membership is nearly double that of last year.

The total distribution of members by states, provinces, and foreign countries is given below. The figures in parentheses indicate the number of members new to the organization in 1941.

UNITED STATES					
Alabama	5	(2)	New York	83	(17)
Arizona	13	(7)	Ohio	118	(36)
Arkansas	5	(1)	Oklahoma	11	
California	50	(4)	Oregon	6	
North Carolina	7		Pennsylvania	61	(12)
South Carolina	5		Rhode Island	5	(3)
Colorado	12	(2)	Tennessee	19	(1)
Connecticut	8	(1)	Texas	22	(1)
North Dakota	10	(1)	Utah	13	(8)
South Dakota	4	(1)	Vermont	5	(3)
Delaware	1		Virginia	16	(5)
Florida	14	(2)	West Virginia	18	(8)
Georgia	18	(7)	Washington	7	(2)
Idaho	3	(1)	Washington, D. C.	26	(2)
Illinois	80	(13)	Wisconsin	56	(25)
Indiana	29	(9)	Wyoming	9	(1)
Iowa	27	(4)	Alaska	2	
Kansas	5		Virgin Islands	1	
Kentucky	25	(8)			
Louisiana	10	(4)	CANADA		
Maine	6		Alberta	1	
Maryland	14	(1)	British Columbia	2	
Massachusetts	48	(21)	Manitoba	3	
Michigan	98	(24)	Ontario	22	(4)
Minnesota	74	(9)	Quebec	2	
Mississippi	6	(1)	Saskatchewan	2	
Missouri	35	(15)			
Montana	6	(1)	FOREIGN COUNTRIES		
Nebraska	11	(3)	Cuba	1	
New Hampshire	11	(6)	Great Britain	2	
New Jersey	18	(7)	Northern Rhodesia	1	
New Mexico	6	(1)	Switzerland	1	
			Venezuela	2	

From February through June the Secretary was away on an expedition to Mexico. A large part of his duties were assumed by the Treasurer. The remainder were undertaken by the Editor and the Chairman of the Membership Committee. To these gentlemen he is deeply indebted.

At the conclusion of this meeting the Secretary will have completed his fifth and last year of office. He will leave the office grateful that he received the very finest cooperation from members the country over and with the everlasting feeling that he has enjoyed and will continue to enjoy the many acquaintances which the office has brought him. May his successor be as fortunate!

Respectfully submitted,

November 21, 1941.

OLIN SEWALL PETTINGILL, JR., *Secretary*

REPORT OF THE TREASURER FOR 1940

Balance as shown by last report, Nov. 20, 1940.....	\$ 114.57
Total receipts from dues, subscriptions, and contributions	
Nov. 20, 1940, to Nov. 17, 1941	2,450.22
TOTAL RECEIPTS	<u>\$2,564.79</u>
<i>Disbursements:</i>	
Subscription refunds	\$ 9.36
Secretary's expense	148.96
Annual meeting expense	160.29
Editor's expense: postage, mailing <i>Bulletin</i>	60.67
Membership committee expense: postage, printing	180.59
Treasurer's expense: postage, printing, clerical aid	110.68
Bank charges: exchange charges, returned checks	42.35
<i>Bulletin</i> expense: printing, engraving	1,809.86
TOTAL DISBURSEMENTS	<u>\$2,522.75</u>
Balance on hand in St. Anthony Park State Bank, St. Paul, Minn., on November 17, 1941	\$ 42.04
Respectfully submitted, GUSTAV SWANSON, <i>Treasurer</i>	

November 22, 1941.

Approved by Auditing Committee

R. M. Strong
Burt L. Monroe

WILSON ORNITHOLOGICAL CLUB LIBRARY

The following gifts have been received recently:

William H. Behle—4 reprints
Maurice Brooks—1 reprint
Adrian C. Fox—1 reprint
F. N. Hamerstrom, Jr.—44 pamphlets and reprints
Mrs. Earle Jackson—1 bulletin
E. A. McIlhenny—2 reprints
Margaret M. Nice—1 reprint
William H. Phelps—1 pamphlet
Edward C. Raney—2 reprints
A. W. Schorger—70 pamphlets
A. M. Woodbury—3 reprints
C. Brooke Worth—14 reprints

There is a demand for information on current wildlife research in the United States. The U. S. Fish and Wildlife Service will therefore endeavor to assemble and release this information annually in condensed form. They suggest that you send to them in Washington before June 1 the titles of your research problems together with the year of probable completion and your name and address.

THE WILSON BULLETIN PUBLICATION DATES

The actual dates of publication of the four numbers in 1941 were: March 28, June 12, September 24, December 20.