

photographs. The 33 colored plates do full justice to Fuertes at his best. One feature disturbed us a bit when we first opened the book: the plates have no white borders; in other words the entire surface of each plate page is taken up with color (background plus from 4 to 10 avian subjects). But as we look back and forth through the book we find ourselves getting used to this latest wrinkle in the handling of illustrations.

As already intimated, the text as well as the illustrations bear the closest scrutiny: The typography is well-nigh perfect. The small-type, technical paragraphs are concise and yet adequate. In these the reader finds down-to-date statements in regard to molts and plumages, distribution, etc. The nomenclature employed is properly conservative.

The large-type portion of each species account sets forth well selected biographical facts. Where important New England birds are concerned the biographies are especially full, and then much information relative to the species at large is frequently incorporated. All these accounts give evidence of careful discrimination on the part of the author. In other words, we are provided with thoroughly dependable natural history.

A noteworthy contribution to philosophic ornithology is comprised in the Introduction where, with the aid of two charts, Mr. Forbush discusses the correlation recently discovered, of the sporadic occurrence of southern birds along the North Atlantic coast with the occurrence of West Indian hurricanes. These storms of great violence travel northeastwardly, and it is shown in a series of instances that the appearance in New England of southern species followed shortly.

Through and through, Part I of Forbush's "Birds of Massachusetts" is an admirable production. We congratulate the author upon his achievement and wish him an equal measure of success in the issuance of parts 2 and 3.—J. GRINNELL, *Berkeley, California, December 24, 1925.*

MINUTES OF COOPER CLUB MEETINGS

SOUTHERN DIVISION

NOVEMBER.—The Southern Division of the Cooper Ornithological Club held its November meeting on Tuesday, November 24, 1925, at the Southwest Museum; about seventy members and guests were present. The meeting was called to order by President Wyman. Minutes of the

October meeting were read and certain changes were made. Minutes of the Northern Division for October were read. Following are the names proposed for membership: Ralph Emerson De Lury, Dominion Observatory, Ottawa, Ontario, Canada, by W. Lee Chambers; Mrs. Nellie C. Rigden, 2019 Lake St., San Francisco, Calif., by Harold Michener.

The secretary was in receipt of a letter from the Fish and Game Commission in response to a protest of the Southern Division against the outlawing of cormorants and White Pelicans. The Commission stated that this matter was entirely out of its hands, the action having been taken by the Legislature.

An announcement of much interest was made by Mr. Law, in which he told of the decision of the Board of Governors of the Cooper Club to hold a series of annual meetings, similar in character to those of the A. O. U. He followed his announcement with a motion that the Southern Division undertake the holding of the first of these meetings here in Los Angeles the first Monday, Tuesday and Wednesday of April, 1926. This was seconded by Dr. Miller with the suggestion that the Chair be empowered to appoint a committee to take charge of arrangements, to which Mr. Law acceded. The motion was unanimously carried, and later in the evening Mr. Wyman appointed Messrs. Harris, Chambers and Law.

Dr. Loye Holmes Miller was the speaker of the evening, his subject being "A Biologist in Central America". His vivid description of Salvador, its people, the food, weather, pests, vegetation, etc., gave his hearers quite a comprehensive idea of conditions in that country. He exhibited a number of interesting specimens of birds found there, some of which showed, as he had stated, that not all tropical birds are brightly colored. Adourned.—ELLA H. ELLIS, *Secretary.*

DECEMBER.—The Cooper Ornithological Club, Southern Division, held its regular monthly meeting Tuesday evening, December 29, 1925, at the Los Angeles Museum, Exposition Park; about thirty-five members and guests were present. The meeting was called to order by President Wyman, and minutes of the November meeting were read and approved. November minutes of the Northern Division were read. Following is a list of names proposed for membership: William Howard Ball, 1233 Irving St., N. W., Washington, D. C., and William Beebe, 33 West 67th St., New York City, by W. Lee Chambers;

Otto S. Fischer, Trinidad, Cuba, by Austin Smith; Miss S. Edith King, 1604 Maltman Ave., Los Angeles, Calif.; Inez May Neterer, 2702 N. Broadway, Seattle, Wash., Carl Richardson, Trail, Oregon, and John B. Rishel, Whittier School, 24th Ave. and Marion St., Denver, Colo., by Harold Michener; Paul E. Trapier, 3672 Mentone Ave., Palms, Calif., by George Cantwell.

The committee appointed some months ago to ascertain the most convenient night of meeting submitted its report, in which it was recommended that the meeting night of the club be changed to the last Tuesday in each month and the meetings be held about evenly divided between the Southwest Museum and the Los Angeles Museum, the speaker of the evening to have the privilege of designating the place preferred. Upon motion of Dr. Bishop, seconded by Mr. Law, it was voted that the report be received and filed and the committee discharged, whereupon Mr. Law moved that the meeting night be changed to the last Tuesday in the month and that the place of meeting be left to the president and secretary. This was seconded by Dr. Bishop and carried.

A communication was read from Dr. T. S. Palmer, Secretary of the American Ornithologists' Union, requesting the appointment of a representative of the Cooper Club to confer with similar representatives of the A. O. U. and the Wilson Ornithological Club in reference to a proposed plan to perpetuate "Bird Haven", near Olney, Illinois, as a permanent bird refuge in memorial to its founder, Mr. Robert Ridgway. A letter from the secretary of the Northern Division stated that at their December meeting, held on the 19th, Mr. Ruthven Deane of Chicago had been appointed to act for them in this matter. On motion of Dr. Rich, duly seconded and carried, the secretary was instructed to request Mr. Deane to represent the Club as a whole. Mr. Wyman announced that as election of officers is due at the coming meeting, he would appoint the following as a committee to consider candidates: Dr. Rich, Mr. Appleton and Mr. Chambers.

The Club then had the pleasure of listening to an interesting talk by Dr. Lynds Jones of Oberlin. In speaking of the ornithological work being done in the Mississippi Valley and the Great Lakes region, bird-banding was given first place, and in this connection Mr. Prentiss Baldwin was credited with being responsible for the great increase in attention to that particular work. Dr. Jones has made

many trips with students between Ohio and the Pacific Coast, and has found much of interest in his study of the reaction of different types of animal life to environment.

Dr. Bishop gave the result of his investigation of the supposed Albatross in captivity at Huntington Beach, which he had mentioned at a recent meeting. The bird proved to be a Man-o'-War Bird which had been caught on a halibut line off the end of the pier. He also read from a letter written by Mr. C. G. Harold, of Winnipeg, telling of the destructiveness of the Marsh Hawk near Tofield, Alberta. Adjourned.—ELLA H. ELLIS, *Secretary*.

NORTHERN DIVISION

NOVEMBER.—The November meeting of the Northern Division of the Cooper Ornithological Club was held at the Museum of Vertebrate Zoology, Berkeley, on November 19, 1925, at 8 P. M. President Lastreto occupied the chair. Members present were: Mesdames Anderson, Bamford, Delpont, Mikesell, Grinnell, Schenck and Schlesinger; Misses Bastin, Beaman, Cockefair, Culver, Fisher, Gunn, Head, Holcombe, Thomson and Wythe; Messrs. Borell, C. A. Bryant, Cain, Carriger, Clabaugh, Cooper, Cozens, Dixon, Foster, Grinnell, Hall, Holman, Kibbe, Lastreto, Mailliard, Palmer, Perine, Schenck, Stow, Wheeler and Lieutenant Wolfe. Visitors were: Mesdames Clabaugh, Gerlach, Linsdale, Palmer, Perine, Stow and Wheeler; Miss Wainwright; and Messrs. Joseph Dixon, Jr., Follett, Linsdale, Shaw and Spruyt.

Minutes of the Northern Division for October were read and approved. Minutes of the Southern Division were read. The following proposals for membership were read: Mr. Jean Linsdale, Department of Zoology, University of California, Berkeley, Calif., by E. Raymond Hall; Mr. Wilbur Irving Follett, 3621 Broadway, Oakland, Calif., by H. C. Bryant; W. F. Sampson, 215 Market St., San Francisco, Calif., by H. W. Carriger.

The name of Dr. Barton Warren Evermann was proposed for honorary membership by Harry S. Swarth, Joseph Dixon, J. Eugene Law, and W. Lee Chambers. Following precedent and in compliment to Dr. Evermann the Southern Division at their October meeting had waived the month's delay and unanimously elected Dr. Evermann to honorary membership, and a move was made to follow this example in the Northern Di-

vision; but President Lastreto, in strict accordance with a provision of the Constitution, laid the proposal over for action at the December meeting.

A request was read from the Secretary of the Southern Division that the Northern Division act for them in appointing delegates to the meeting of the Affiliation Committee of the American Association for the Advancement of Science. President Lastreto appointed Dr. Evermann and Mr. Joseph Mailliard to act as delegates representing both divisions of the Club.

Mr. Grinnell gave a brief resumé of the annual report of the business managers of the Cooper Club, showing the steady growth in the assets of the organization and its progress toward financial prosperity. He then read a telegram from Dr. T. S. Palmer, Secretary of the American Ornithologists' Union, which gave the first news of the very successful forty-third annual meeting of the Union, just held in New York City.

The evening's program was provided by Mr. R. H. Palmer of Palo Alto, a Cooper Club member of ten years standing and for some years consulting geologist to the Mexican Government. During his governmental employment Mr. Palmer's duties carried him over a large and varied area of Mexico and his most interesting talk was based on specimens collected and notes taken during his trips. Adjourned.—HILDA W. GRINNELL, *Secretary*.

DECEMBER.—The regular meeting of the Cooper Ornithological Club, Northern Division, was held at the Museum of Vertebrate Zoology, University of California, Berkeley, on Thursday evening, December 17, at 8:00 P. M., with President Lastreto in the chair and the following members present: Mesdames Allen and Grinnell; Misses Cockefair, Smith and Thomson; Messrs. Borell, Bryant, Carriger, Follett, Grinnell, Kibbe, Lastreto, Linsdale, Perine, Swarth and Wolfe. Visitors were Mrs. Heald, Miss Spencer and Messrs. Percival and Shaw.

Minutes of the Northern Division for November were read and approved. Minutes of the Southern Division for November were read. Upon the motion of Dr. Bryant, Dr. Barton Warren Evermann was elected by unanimous vote to honorary membership in the Cooper Ornithological Club.

A report by Mr. Swarth that he had recently seen two Sparrow Hawks flying

in and out of the cornices on the Emporium Building, San Francisco, brought out the fact that the Sparrow Hawk is not an uncommon bird about the business section of that city, Mr. Carriger and Mr. Lastreto giving similar instances of occurrence. Mr. Grinnell reported that two broods were successfully raised on the Botany Building on the University campus last summer. Mr. Borell contributed to a discussion of the food of the Sparrow Hawk by citing the fact that he once saw a bat caught by a Sparrow Hawk in Kearney Park, Fresno.

Mr. Swarth stated that while on a recent visit to Los Angeles he had seen a flock of twenty-five or more of the exotic ring doves living in a naturalized condition in Central Park in that city. Mr. Swarth also told of rare books and manuscripts which he had had the privilege of seeing at the Huntington Library. Among these were the elephant folio of Audubon, and the manuscript "Gleanings from Nature" by Edward White, brother of the author of "A Natural History of Selborne". He spoke of having seen a Bird of Paradise, figured without feet, this having been the belief of early naturalists, since the skins which fell into their hands had been prepared by the natives of New Guinea in a primitive fashion which included the removal of the feet. European naturalists inferred that the birds were without feet in life. Dr. Bryant reported the presence of living Birds of Paradise at Robison's Bird Store on Market Street, San Francisco.

Under the head of recent literature, Mr. Grinnell reported briefly on the following books: "Birds and their Attributes" by Glover M. Allen; "Birds of Florida" by Harold H. Bailey; and Volume I of "Birds of Massachusetts and other New England States" by E. H. Forbush.

A telegram was read from Dr. T. S. Palmer, Secretary of the A. O. U., asking that the Cooper Club appoint a representative to act with one each from the Wilson Club and the A. O. U. on the project to provide a fund to maintain Ridgway's home place of eighteen acres at Olney, Illinois, as a permanent bird refuge in commemoration of Ridgway's services to American ornithology. Mr. Grinnell moved that the chair be requested to appoint such a representative. Mr. Kibbe seconded the motion, which was duly carried. Believing that an eastern member would best serve the interests of the Club in this matter the chair announced the appointment of Mr. Ruthven Deane of Chicago.

At the request of President Lastreto, Mr. Carriger reported upon the results of a "vermin shoot" held recently near Modesto under the auspices of the newly organized Sportsmen's Club. It was the sense of the meeting that much more harm than benefit accrues to wild life from such campaigns; and methods of educating the public to this opinion were discussed. Mr. Carriger, seconded by Mr. Kibbe, moved that the chair appoint a committee of two to act with a similar committee from the Audubon Association of the Pacific concerning this matter. Mr. Grinnell moved an amendment to the motion, that the committee be given power to act. Mr. Carriger accepted the amendment and the motion was duly carried. The chair announced the appointment of Mr. Carriger and Dr. Evermann as members of this committee.

Mr. Grinnell drew attention to the first annual meeting of the Cooper Ornithological Club to be held in Los Angeles in April, 1926, under the auspices of the Southern Division of the Club and moved that the chair appoint a committee of one to cooperate with the arrangements committee of the Southern Division. The motion was carried and Mr. Lastreto later announced the appointment of Mr. Swarth.

Officers for the ensuing year were nominated as follows: President, Amelia S. Allen; Vice-President, Joseph Mailliard; Secretary, Hilda W. Grinnell.

Two papers had been prepared by Mr. Milton S. Ray for the evening's program. In the absence of Mr. Ray the first paper, which described the nesting of the Western Goshawk in California, was read by the Secretary; the second paper, on the care of oological collections, was read by Mr. Carriger. Adjourned.—HILDA W. GRINNELL, *Secretary*.

JANUARY.—The regular meeting of the Northern Division of the Cooper Ornithological Club was held on January 28, 1926, at 8:00 P. M., at the Museum of Vertebrate Zoology, Berkeley, with President Lastreto in the chair. The following members braved the rain-storm and were present: Mesdames Allen, Grinnell and Mexia; Misses Beaman, Fisher, Holcombe, Howard, McLellan and Thomson; Messrs. Bryant, Bull, Cain, Cozens, Follett, Grinnell, Hall, Jesser, Lastreto, Linsdale, Jones, Palmer, Perine, Swarth and Unglish. Visitors were Mesdames Bryant, Hall, Jesser, Sargent and Visser; Miss Spencer and Mr. Sargent.

Minutes of the Northern Division for

December were read, corrected, and approved. Minutes of the Southern Division for December were read. A letter from Dr. Evermann was read expressing his appreciation of the action of the Club in electing him to honorary membership.

The Secretary reported that Mr. Ruthven Deane of Chicago had found it impossible to serve on the Ridgway Memorial Committee and the chair announced the appointment of Mr. Wilfred H. Osgood to serve, in his stead.

Mr. Swarth called attention to the first annual meeting of the Cooper Ornithological Club, to be held in Los Angeles on April 8, 9 and 10, 1926, and urged that as many members as possible plan to be present. Mr. Lastreto requested that the Secretary enter Mr. Swarth's remarks in the minutes, where they might meet the eyes of members not present at the January meeting, and he expressed the hope that he himself would have returned from South America in time to be present.

President Lastreto announced that Mr. Joseph Mailliard had expressed the desire that his name be withdrawn from nomination for the vice-presidency of the Northern Division for the year 1926, whereupon Mr. Swarth made a motion accordingly. This motion having carried, upon motion by Mr. Grinnell, seconded by Mrs. Allen, Mr. Henry W. Carriger was nominated as vice-president. The annual election of officers for the division then took place. Mrs. Amelia S. Allen was elected President, Mr. Henry W. Carriger, Vice-President, and Mrs. Hilda W. Grinnell, Secretary. Mr. Lastreto escorted Mrs. Allen to the chair and the evening's program was taken up.

Dr. Lynds Jones of Oberlin College was the evening's speaker, upon the subject "Ornithology in the Mississippi Valley". His entertaining talk included a description of the topography of the country, and its peculiar advantages to those interested in bird banding, among whom the leaders are S. Prentiss Baldwin of Ohio and Wm. I. Lyon of Illinois. The speaker told of other ornithologists together with their special problems. The careful and long-continued observations of Miss Althea R. Sherman of McGregor, Iowa, in her studies of the flicker, the Ruby-throated Hummingbird and the House Wren were particularly commended.

In closing his talk Dr. Jones told briefly of his many auto trips between Oberlin and the Pacific Coast and some of their points of interest to the ecologist. Adjourned.—HILDA W. GRINNELL, *Secretary*.