

Dr. H. C. Bryant, Economic Ornithologist, California Museum of Vertebrate Zoology, and also in charge of Education, Publicity and Research, California Fish and Game Commission, left early in January in company with Dr. Loye Miller, Associate Professor of Biology, Southern Branch, University of California, to attend the State Parks Conference, at Des Moines, Iowa. After the Des Moines conference, a series of lectures were to be given by these naturalists in eastern cities to stimulate interest in a nature guide service for all the national parks. During the past summer, they organized the Nature Guide work in the Yosemite Valley, and at some of the Lake Tahoe resorts. This included trips afield and lectures, and was an attempt to satisfy the yearning of the summer vacationist for nature lore. Nature guiding in the Yosemite National Park proved so popular that there is likelihood that it will be made a permanent feature not only of the Yosemite but also of other national parks throughout the United States.

Mr. Allan Brooks is located at Jupiter, Florida, for the winter. He is occupying himself while there in making colored drawings of various waterfowl, particularly ducks, these to be used in illustration of books which are in preparation by certain eastern ornithologists. Mr. Brooks attended the A. O. U. congress in November, and for a time was the guest of Mr. L. A. Fuertes, at Ithaca, New York. Indeed, the two went to Florida together, the last-named for but a short stay. Later, Dr. L. C. Sanford joined Mr. Brooks. Mr. Brooks plans to return to his home in British Columbia late in April.

MINUTES OF COOPER CLUB MEETINGS

SOUTHERN DIVISION

OCTOBER.—Regular monthly meeting of the Cooper Ornithological Club, Southern Division, was held at the Museum of History, Science and Art, at 8:00 P. M., October 28. Members attending were: Mesdames Fargo, Martin, Terry, and Warner; Miss Miller; Messrs. Dickey, Hornung, Howard, Howell, Miller, Pierce, Robertson, Van Rossem, Warner, and Wyman. Mrs. Howard, Mrs. Schneider, and Mr. Langdon were visitors.

Minutes of the September meeting were read and approved. On motion of Mr. Robertson the Secretary was instructed to cast an electing ballot for persons whose names were presented at that meeting. New presentations were: Harry Milton Wegeforth, M. D., 210 Maple St., San Diego, by W. DeW. Scott; John E. Overholtzer, 6 West Main St., Morristown, Pa., by R. J. Middleton; Nathaniel A. Francis, 35 Davis Ave., Brookline, Mass., by W. Lee Chambers; Elbert Benjamin, 109 Coral St., Los Angeles, by Mary

Mann Miller; Mrs. John McB. Robertson, Buena Park, Calif., by John McB. Robertson; J. Thomas Fraser, Jr., 432 W. Hawthorne St., Eureka, by Lawrence Zerlang; Emmet Joy, San Andreas, by Ethel Crum; George C. Shupe, Box 964, San Antonio, Texas, by Antonio H. McLellan; Charles Springer, Cimarron, N. Mex., by J. Stokely Ligon; Webster H. Ransom, 708 West 20th Ave., Spokane, Wash., by Stanley Jewett; Miss Evelyn Kennedy, 232 W. Ave. 52, Los Angeles, by Roland C. Ross; Miss Elizabeth Burnell, 419 So. Olive St., Los Angeles, by L. E. Wyman; Regina Woodruff, Zool. Dept., Univ. Calif., by Dr. Olive Swezy; Clelia A. Paroni, 2430 Bancroft Way, Berkeley, by Dr. H. C. Bryant; John Thomas Waterhouse, Honolulu, T. H., by Annie M. Alexander; John Forbes Rickard, 250 Tunnel Road, Berkeley, and Mary I. Compton, 6510 1st Ave. N. E., Seattle, Wash., by Anna Head.

Routine business finished, Dr. L. H. Miller read a paper on the rearing of a pair of house finches which had come into his possession just after hatching. His account of their development and behavior was highly instructive as well as entertaining. The usual informal discussion and inspection of a series of hawk skins completed the session. Adjourned.—L. E. WYMAN, *Secretary*.

NOVEMBER.—Regular monthly meeting of the Cooper Ornithological Club, Southern Division, was held at the Museum of History, Science and Art, November 23, at 8:00 P. M. In the absence of both President and Vice President, Mr. Dickey was acclaimed Chairman of the evening. Members present: Messrs. Appleton, Bishop, Brouse, Brown, Chambers, Colburn, Dawson, Dickey, Edwards, Esterly, Hanaford, Howell, Hornung, King, Little, Pierce, Reis, Rittenhouse, Ross, Robertson, Suits, Taylor, Van Rossem, Wall, Wyman; Misses Atsatt, Burnell, Davidson, Kennedy and Pratt. Mesdames Bishop, Brown, Chapman and Dawson were visitors.

Minutes of the October meeting were read and approved, followed by reading of the minutes of the Northern Division for October. Applicants whose names were presented at the previous meeting were declared elected, on motion of Mr. Chambers that the Secretary be instructed to cast an electing vote. New presentations were: Hattie E. Shepherd, R. 1, Box 73, Redlands, and A. R. Shepherd, 457 Burchett St., Glendale, California, proposed by Frank N. Bassett; Roy W. Quillin, 1025 Summit Ave., San Antonio, Texas, proposed by O. P. Silliman. Elections of the Northern Division were approved.

An invitation from the Bird Lovers' Club to hold the January meeting jointly with them was voted upon favorably, but the Secretary was instructed to request that the date be deferred until February. Mr. Robertson moved that the Chairman be authorized to appoint a nominating committee of three; seconded by Van Rossem; carried. The appointees were Messrs. Brown, Van Rossem and Howell. Business Manager Chambers made the announcement that *Avifauna* No. 14, "The Birds of Montana", is nearly ready for mailing.

Serious business completed, Mr. Howell gave an interesting account of a 5000-mile automobile trip extending over a period of five months, in which he followed the line of spring from Los Angeles to Montana, returning via the western coast of Washington and Oregon. Followed an hour of general discussion and inspection of a series of hawk skins.

Adjourned.—L. E. WYMAN, *Secretary*.

NORTHERN DIVISION

OCTOBER.—The Northern Division of the Cooper Ornithological Club and the Northern California Section of the American Society of Mammalogists held a joint meeting in the Map Room of the University Library, October 28 at 7:30 p. m. The larger works on birds and mammals contained in the University Library were on exhibition and the evening was spent in looking over these books. At 9:30 p. m. a short business session of the Cooper Club was held, at which Mr. Wright presided. The following members were present: Mesdames Alexander, Allen, Florence Merriam Bailey, Blake, Bridges, Ferguson, E. Ferguson, Flynn, Grinnell, Kellogg, Kibbe, Law, Pringle, Roe, Thomson, and Wythe; Messrs. Vernon Bailey, Bell, Cooper, Dixon, Elmore, Evermann, Grinnell, Hunt, Kibbe, Law, McLean, Storer, Swarth, Wheeler and Wright. Visitors were Miss Ruth Dodge, F. E. and M. N. Garlough, Gillilan, Lamontieux, Mr. Blake, Mr. Bridges, and Mr. Steilberg.

The minutes of the September meeting were read and approved and were followed by the reading of the minutes of the September meeting of the Southern Division. Mrs. Georgianna T. Roe and Francis G. Gilchrist were elected to membership and elections by the Southern Division in September were approved. New names proposed were Dr. R. L. Rigdon, 1617 Broderick St., San Francisco, by Cornelia C. Pringle; Perry R. F. Marshall, 1495 W. Adams St., Los An-

geles, by J. Grinnell; J. W. McKibben, 2522 Piedmont Ave., Berkeley, by J. S. Cooper; and John William Stacey, 634 Powell St., San Francisco, by F. N. Bassett.

Adjourned.—AMELIA S. ALLEN, *Secretary*.

NOVEMBER.—The Northern Division of the Cooper Ornithological Club met at the Museum of Vertebrate Zoology, November 18, at 8 p. m. Pres. Wright presided, and those in attendance were: Mesdames Allen, Ayers, Bridges, Flynn, Hohfeld, Kibbe, Law, Meade, Newhall, Thomson, and Wythe; Messrs. Carriger, Cooper, Dixon, Gignoux, Gilchrist, Grinnell, Lastreto, Mailliard, McLean, Noack, Silliman, Storer, Swarth, White, and Wright. Visitors: Mr. and Mrs. Arnold, Mr. Bridges, Mrs. Caldwell, Mr. and Mrs. Clark, Miss Devendorf, Mrs. Heilman, Mrs. Hyde, Mrs. Noack, Prof. Price, and Miss Wythe. Minutes of the October meeting were read and approved, followed by reading of the October minutes of the Southern Division. Mr. Perry R. F. Marshall, Dr. R. L. Rigdon, Mr. J. W. McKibben, and Mr. John W. Stacey were elected members of the Club. Elections by the Southern Division in October were approved.

New names proposed were: Mrs. Charles Gilman Hyde, 2579 Buena Vista Way, Berkeley, by Mrs. Edwin B. Mead; Mr. George B. Culver, Stanford University, by Prof. J. O. Snyder; Mr. and Mrs. Lewis Arnold, 2732 Benvenue Ave., Berkeley, by Mrs. Edwin Blake; and Mrs. Lydia Wilcox, 10 Latona St., San Francisco, by Mrs. Eva D. Roe. Mr. Storer reported for the committee appointed to investigate the eagle situation in Alaska.

Business completed, the program as announced for the evening was presented. Mrs. Allen gave a summary of bird bands placed during 1918, 1919, and 1920, the main item being the return of three winter visitants to the same feeding table where they spent the previous winter. Dr. Grinnell explained the meaning of adventitious coloration and described the case of a pair of Plain Titmouses in plumage colored yellow, probably by the spores of a fungus which lined the cavity occupied by them. Mr. Law took up in detail the probable origin of the three groups of subspecies of the Fox Sparrow as described by Mr. Swarth in his recent monograph. In his reviews of recent literature, Mr. Swarth gave critical estimates of articles by L. R. Dice, R. C. McGregor, Bangs and Kennard, and F. M. Chapman. A number of interesting seasonal observations were presented, after which the meeting was adjourned.—AMELIA S. ALLEN, *Secretary*.