

have been quite sufficient to have pointed out the peculiarities of the specimen at hand, and left to future workers the task of determining their meaning.—H. S. SWARTH.

## MINUTES OF COOPER CLUB MEETINGS

### SOUTHERN DIVISION

OCTOBER.—The October meeting of the Southern Division of the Cooper Ornithological Club was held on October 28, 1912, at the residence of Dr. Loye Holmes Miller, 6066 Hayes Avenue, Highland Park, California. On motion duly made and seconded, Mr. Daggett was elected Temporary Chairman.

The following members were present:—Mrs. Harmon and Messrs. Chambers, Daggett, Layne, Howell, Miller, Myers, Rich, Tracy, van Rossem, Willett, Zahn and Law; and, as visitors, Mrs. Loye Holmes Miller, Mrs. Tracy, and the Misses Van Deusen.

The minutes of the September meeting were read and approved. Upon motion by Dr. Rich, seconded by Mr. Willett and duly carried, the Secretary was instructed to cast the unanimous ballot of those present electing to active membership, Messrs. Alfred Cookman, Wilson P. Gee, Forrest S. Hanford, Hans Hochbaum, Morris Johnson, Pierre E. Letchworth, Jr., John N. Loshinski, and E. W. Merrill, proposed at the last meeting.

Applications for membership were presented as follows: Albert L. Barrows, 1430 Arch St., Berkeley, Calif., proposed by H. C. Bryant; James H. Gaut, 219 Chamber of Commerce Bldg., Pasadena, Calif., proposed by A. B. Howell; Hilda Wood Grinnell, 2543 Durant Ave., Berkeley, Calif., proposed by J. Grinnell; J. Gregg Layne, 128 S. Normandic Ave., Los Angeles, Calif., proposed by J. E. Law; W. A. Squires, 1137 E. Miner Ave., Stockton, Calif., proposed by W. Lee Chambers; Edward Wall, San Bernardino, Calif., proposed by A. B. Howell.

The Secretary read an answer from the Northern Division, to our letter of inquiry in regard to the expense of the California Associated Societies for the Conservation of Wild Life, which was referred to the appropriate Committee.

The Secretary then read the finding of the Committee appointed to investigate the charges against Pingree I. Osburn, with the recommendation that he be expelled from the Club. Upon motion by Mr. Zahn, seconded by Mr. Miller and duly carried, the report of the Committee was accepted, and the Secretary instructed to notify Mr. Osburn of the charges and that he would be given an op-

portunity at the next meeting to refute same.

The Secretary then read J. Grinnell's paper on the Band-tailed Pigeon which excited much interest.

After adjournment those present partook of refreshments and hob-nobbed about Mr. Miller's beautiful Arroyo Seco home. Mr. Miller has built his home on the very brink of the great Arroyo Seco so that he can look down on the tops of the highest sycamores within a stone's throw. It is an ideal spot in which to study birds.—J. E. LAW, *Secretary*.

NOVEMBER.—The November meeting of the Southern Division of the Cooper Ornithological Club was held on November 27, 1912, at the Museum of History, Science and Art, Los Angeles. On motion duly made and seconded, Mr. Willet was elected temporary Chairman.

The following members were present: Messrs. Chambers, Daggett, Howell, Kimball, Layne, Linton, Rich, Robertson, Willett, Zahn, Law.

The minutes of the October meeting were read and approved. Upon motion by Mr. Robertson, seconded by Mr. Rich and duly carried, the Secretary was instructed to cast the unanimous ballot of those present electing to active membership, Messrs. Albert L. Barrows, James H. Gaut, J. Gregg Layne, W. A. Squires and Edward Wall, and Mrs. Hilda Wood Grinnell.

Applications for membership were presented as follows: Mrs. Eugene Overton, 651 W. 23rd St., Los Angeles, Calif., proposed by George Willett; Mrs. Edwin H. Husler, 434 W. 20th St., Los Angeles, Calif., proposed by George Willett; Mrs. F. B. Bicknell, 419 N. Broadway, Los Angeles, Calif., proposed by F. S. Daggett; W. B. Bell, Agricultural College, North Dakota, proposed by Vernon Bailey; Frank C. Clarke, 218 East Hall, University of Calif., Berkeley, Calif., proposed by H. C. Bryant; Alf. Eastgate, Tolna, N. Dak., proposed by Vernon Bailey; Joseph A. Sweeney, Reville, N. Y., proposed by W. Lee Chambers.

Upon motion duly made and unanimously carried, the report of the Committee appointed to investigate the charges against Mr. Pingree I. Osburn, was accepted and ordered filed. Mr. Osburn was ordered expelled from the Club and his name stricken from the rolls.

A letter from Mr. Frank Stephens, thanking the Club for making him an honorary member was read.

Upon motion made by Mr. Robertson and seconded by Dr. Rich, and duly carried, the action of the Northern Division in regard to the Pacific Association of Scientific Societies as to annual meeting and other matters, was approved.

The Secretary then read three notes by Dr. L. H. Miller on recent taking of Bendire Thrasher, Rocky Mountain Pigmy Owl and Alaska Hermit Thrush in the vicinity of his South Pasadena home. Adjourned.—J. E. LAW, *Secretary*.

#### NORTHERN DIVISION

NOVEMBER.—The regular monthly meeting of the Northern Division was held at the Museum of Vertebrate Zoology, Saturday evening, November 16, with President Coggins in the chair, and the following members present: Messrs. Bryant, Carriger, Coggins, Chandler, Grinnell, Heinemann, Lamb, Joseph Mailliard, Shelton, Stone, Smith, Swarth, and Taylor. Mrs. Grinnell, Mrs. Taylor and Mrs. Swarth were present as visitors.

The minutes of October meeting were read and approved, followed by the reading of the Southern Division minutes for October. New members were elected as follows: Hilda Wood Grinnell, A. L. Barrows, H. Hochbaum, A. Cookman, P. E. Letchworth, Jr., E. W. Merrill, and W. A. Squires. New names presented for membership were: J. A. Sweeney, Reville, New York, proposed by W. Lee Chambers; J. H. Gaut, Pasadena, and E. Wall, San Bernardino, proposed by A. B. Howell, and J. G. Layne, Los Angeles, proposed by J. E. Law.

A communication was read from the secretary of the Pacific Association of Scientific Societies, requesting information as to the date and locality preferred by the Cooper Club for the next meeting of the Association, to be held during the spring of 1913. Berkeley had been suggested as a desirable place for the meeting, and various dates in March and April, as the time. Berkeley was acceptable to the Club as the place for the meeting, and after some discussion it was decided that any of the dates in April (4th and 5th, 11th and 12th, or 18th and 19th) would be satisfactory, and the secretary was instructed to notify the secretary of the Association accordingly.

A letter from Mr. Frank Stephens was then read, expressing his appreciation of the action of the Club in electing him to honorary membership. The next order of business was the reading of the report of the committee appointed by the Southern Division to investigate the charges brought against Pingree I. Osburn, and on which the Southern Division based its action expelling Osburn from the Club. It was decided that the Southern Division was fully justified in pursuing the course followed, and the expulsion of this member was accordingly approved.

Mr. W. P. Taylor, chairman of the conservation committee, reported upon the organization meeting of the California Associated Societies for the Conservation of Wild Life. The actions of the committee, as outlined by Mr. Taylor, were fully ratified by the Club.

Business matters being disposed of, Mr. Mailliard, the first speaker on the program, opened a "discussion of oology", which was warmly taken up by several members present.

Mr. Taylor followed with a review of W. L. McAtee's paper on "The Experimental Method of Testing the Efficiency of Warning and Cryptic Coloration in Protecting Animals from their Enemies", this talk being largely in rebuttal of Mr. E. W. Gifford's arguments in favor of experimental work, as given in the last (October) meeting of the Division. Adjourned.—H. S. SWARTH, *Secretary*.

DECEMBER.—The monthly meeting of the Northern Division was held at the Museum of Vertebrate Zoology, Saturday evening, December 21, with vice-president Carriger in the chair and the following members present: Mrs. H. W. Grinnell, and Messrs. Bryant, Carriger, Grinnell, Heinemann, Miller, Ray, Storer, Swarth, and Taylor. Mrs. Taylor attended as a visitor.

The minutes of the November meeting were read and approved. The following were elected to membership in the club: J. A. Sweeney, Reville, New York, J. H. Gaut, Pasadena, E. Wall, San Bernardino, and J. G. Layne, Los Angeles. New names were proposed as follows: O. P. Silliman, Castroville, California, presented by W. Lee Chambers, and M. B. Rice, Cascadia, Oregon, presented by W. L. Finley. The resignation of E. W. Gifford was read and accepted.

Several matters of club business were then discussed and disposed of as follows: The secretary was instructed to send to the business manager the accumulation of Northern Division correspondence and other papers, which could thus be given more secure storage, together with the other club documents. The time of the Northern Division meeting was changed from the third Saturday to the third Thursday of each month.

The nominations of officers for 1913 gave the following results: President, H. W. Carriger; Vice-president, H. C. Bryant; Secretary, H. S. Swarth.

Two papers were presented. T. I. Storer reviewed Headley's recent book on "The Flight of Birds", and H. C. Bryant gave briefly some of the results of his investigation into the food habits of the Western Meadowlark. Adjourned.—H. S. SWARTH, *Secretary*.