

satrapa olivaceus was collected, this constituting the southernmost breeding record for California. Forty-eight species are believed to be permanently resident, sixty-eight species summer visitants, and twenty-three transients only.

The avifauna of the San Bernardino mountains "in common with that of the other high mountains of southern California, bears closest resemblance to that of the Sierra Nevada of east central California. A tendency toward increase in size of such San Bernardino species as are subject to geographical variation is quite noticeable; so that in certain cases, such as the hermit thrush and creeper, the San Bernardino birds are somewhat intermediate in the direction of the Rocky Mountain races. Other species, like the Stephens fox sparrow and gray flycatcher, show large size, but are without parallels in the Rocky Mountain region. With variable birds in the mountain systems of California, there seems to be a general increase in size from the north towards the south, a reversal of the case on the Atlantic coast."

Numerous half-tones illustrating the region and its characteristic trees and shrubs add greatly to the interest and value of the paper.

Few regions offer such opportunities as the western United States for the kind of research of which "The Biota of the San Bernardino Mountains" is a good example. Americans have not been loath to take advantage of these opportunities, and it is safe to say also that the results thus far obtained have fully justified the labor. There is much more to do, and the watchword should be quality rather than quantity. We can well afford to make each contribution a careful and well-matured one. The present report certainly fulfils all these requirements and is a most excellent piece of work. Frankly, however, the reviewer can not wholly reconcile himself to the title, the neologistic tendency of which is somewhat academic.—W. K. FISHER.

MINUTES OF COOPER CLUB MEETINGS

NORTHERN DIVISION

DECEMBER.—The December meeting of the Cooper Ornithological Club was held at the home of Walter K. Fisher, Palo Alto, California, on the evening of December 12, 1908. There were present: F. W. Weymouth, J. Dixon, W. P. Taylor, C. H. Richardson, J. Grinnell, J. O. Snyder, E. Heller, J. R. Pemberton, Chase Littlejohn, H. W. Carriger, Walter Fisher, H. S. Swarth, W. O. Emerson, J. S. Hunter and S. S. Berry.

The minutes of the previous meeting were read. On motion of Mr. Carriger the date of

the next meeting was changed in the minutes from December 19 to December 12, in order that the present meeting might be a regular one. Motion carried and the minutes changed. Otherwise minutes approved as read. Secretary was instructed to cast the ballot for F. Hanford and S. G. Jewett, and in accordance they were elected to membership.

The motion was made by Grinnell that all exchanges received by the Business Manager of THE CONDOR be retained by him for his personal use. Seconded by Richardson.

After considerable discussion by Grinnell, Fisher, Emerson and Hunter, the motion was carried.

It was reported that Lee Chambers was in charge of the publication of Avifauna No. 5, and that the work was progressing rapidly. Two hundred dollars had already been raised.

Grinnell moved that the Ten-Year Index of THE CONDOR be made Avifauna No. 6; seconded by Snyder. Carried and so ordered.

Moved by Grinnell that the nominations for Business Manager be opened. It was explained that Mr. Law had made arrangements whereby he could take charge and would withdraw his resignation. Mr. Law was nominated by Grinnell, seconded by Pemberton.

Mr. Grinnell moved that the Constitution be amended so as to create the office of Assistant Business Manager. Carried and so ordered.

Fisher suggested that the annual Club dinner be held on the evening of January 16. He stated that he would make arrangements and would inform the members.

After the business meeting talks were made by Mr. Dixon on the second Alexander Expedition to Alaska, and by Mr. Richardson on the birds of the region near Mecca, California.

During the discussion of the talks refreshments were partaken of. The meeting adjourned about 1 A. M., and was decidedly one of the most enjoyable that the Northern Division has had for years.

J. S. HUNTER, *Secretary*.

JANUARY.—The January meeting of the Cooper Ornithological Club was held in the rooms of the Oakland Chamber of Commerce on the evening of January 9, 1909, President D'Evelyn in the chair. Fourteen other members were present. Minutes of the December meeting were read and approved.

A letter was read by Mr. Emerson from Dr. Palmer regarding the proposed changes in the State Game law, particularly regarding the extending of the open season for ducks. Mr. Palmer asked that the Club oppose any measure of the sort. Mr. Emerson was appointed a committee of one to keep in touch with Sacramento and report any changes that are to be made in the present laws.

Dr. D'Evelyn spoke concerning the change

of the present meadowlark law and asked the members present to work against any change. Cohen thought that the Club ought to oppose any proposed change in the lark law. He moved that a committee be appointed to draft resolutions to that effect and to also keep in touch with the State Legislature. Mr. Cohen and Mr. Emerson were appointed by the chair, accordingly.

A report was called for from the Business Manager, but was not at hand. It was then developed that no report had been made for three years. Mr. Cohen then moved that a report be called for and be made at the next meeting. Mr. Cohen also moved that a committee be appointed to investigate the finances of the Club, and better the same if necessary. The chair appointed Messrs. Carriger, Emerson and Kaeding.

On motion of Mr. Grinnell nominations for officers for the coming year were opened. On account of a change of residence Mr. Taylor asked that his name be withdrawn as Secretary. Mr. Pemberton then nominated Mr. Carriger. Mr. Wheeler was also nominated for the office of Senior Vice-President.

The election of officers was then held with the following result: President, Dr. F. W. D'Evelyn; Senior Vice-President, W. K. Fisher; Junior Vice-President, E. W. Gifford; Secretary, H. W. Carriger.

Mr. Cohen moved that Mr. Lee Chambers be appointed Assistant Business Manager.

After a short discussion the meeting then adjourned.

J. S. HUNTER, *Secretary*.

SOUTHERN DIVISION

DECEMBER.—The December meeting was called to order by President Morcom at the City Hall, Los Angeles, Tuesday evening, December 29, 1908, with members Howard Robertson, H. J. Lelande, C. B. Linton, Chester Lamb, H. T. Clifton, Virgil Owen, H. B. Kaeding, Willard Chamberlain and Howard Wright present.

The minutes of the last meeting, December 3, 1908, were read and approved.

The following application for membership was presented: William Ray Shaw, Long Beach, Cal., proposed by Mr. C. B. Linton.

Messrs. H. E. Carper, H. E. Wilder, C. H. Luther and J. Warren Jacobs were elected to active membership in the Club, the two latter subject to the approval of the Club-at-large.

Nominations for officers for 1909 were made as follows: For President, G. Freaun Morcom; Vice-President, H. J. Lelande; Secretary, J. Eugene Law; Treasurer, W. Lee Chambers.

The Club discussed at length the question of financing the Ten-Year Index, and a communication was read from Mr. Emerson who has

been appointed by the Northern Division to raise funds for the publication.

A newspaper clipping from the Los Angeles *Record* was read by the Secretary, and after a general discussion it was moved and seconded that it be sent to Dr. T. S. Palmer for his perusal. The clipping was headed, "To Make War on the Meadowlarks" and was dated Stockton, December 29. It stated that J. W. Stuckenbruck announces that at the next meeting of the Legislature he will introduce a bill repealing the game law which protects the Meadowlark, as it has increased so much during its protection that it is now proving very destructive to the vineyard growers.

Mr. W. L. Finley's entire series of California Condor photos were then placed on exhibition and the rest of the evening was spent in looking over the finest series of bird photos which have ever been taken. Adjourned.

W. LEE CHAMBERS, *Secretary pro tem*.

JANUARY.—The January meeting was called to order by Vice-President H. J. Lelande at his office in the City Hall, Thursday evening, January 28, 1909, with members H. J. Lelande, George Willett, Loye Holmes Miller, W. Lee Chambers, O. W. Howard, E. A. Howard, Chester Lamb, Virgil Owen, Pingree I. Osburn, H. T. Clifton, Willard Chamberlain, W. P. Taylor, Howard Wright and J. Eugene Law present, and Mr. Austin F. Roberts visiting.

The minutes of the last meeting, December 29, 1908, were read and approved.

Applications for membership were presented as follows: John Rowley, Palo Alto, Cal., proposed by J. Grinnell; H. H. Kimball, Fresno, Cal., proposed by J. Grinnell; Jesse T. Craven, Detroit, Mich., proposed by W. Lee Chambers; Walter B. Barrows, East Lansing, Mich., proposed by W. Lee Chambers; Austin F. Roberts, Pasadena, Cal., proposed by Walter P. Taylor.

On motion by Mr. Willett, seconded by Mr. Taylor and duly carried, the Secretary was instructed to cast the unanimous ballot of those present electing to active membership William Ray Shaw of Long Beach, Cal.

On motion by Mr. Howard, seconded by Mr. Taylor and duly carried, nominations for officers for 1909 were declared closed.

On motion by Mr. Clifton, seconded by Mr. Miller and duly carried, the Secretary was instructed to cast the unanimous ballot of those present, electing the officers for 1909 as nominated at the last meeting.

The resignation of Mr. E. A. Howard was presented, his absence from the United States in the wilds of Central America for a long period to come making it impossible for him to keep in touch with the Club. There being no objection the resignation was accepted. Adjourned.

J. EUGENE LAW, *Secretary*.