

but to the engraver and printer. The contribution ends with a full index (pp. 183-189).

Let me first register whatever adverse criticism I may have. This criticism relates neither to the textual subject matter nor to the illustrations, but to editorial features. One fault from the standpoint of the user is that the front cover (and also numerous pages both at the front and the back) are over burdened with institutional advertising. Indeed, as one picks up the publication and starts through it, he fails at first to get any outstanding clue as to the nature of the contents, the type in which the title and author are set forth on the cover being subordinated to that which designates the auspices of publication. In fact, there is a curious mixture of "official" matter with the "contents", which latter occurs partly in two places; and there is no true title page at all.

Two editorial mistakes that are apparent in the legends to the text figures are as follows: Figure 16 is said to be a "photo by R. B. Rockwell". But it is a photo by F. N. Irving (see Condor, 1920, p. 14). Furthermore, the figure is not that of a "Red-shafted" Flicker, but of the eastern, Yellow-shafted Flicker. Figure 27 is credited to "M. P. Skinner"; but it is from a photo taken by H. J. Rust (see Condor, 1920, p. 90). These are little things perhaps; but it is the last five percent in the direction of perfection that marks a superior piece of work.

Now as to the text, the main part of the contribution under review: It is the work of an author who shows himself to be a close observer and a conscientious reporter. The text is narrative in style; popular, in the sense that it is entertainingly readable. The accounts of the birds of Yellowstone Park are given by region or association, and a sort of ornithological travelogue through the Park results. This mode of treatment seems to us a happy one, at least as employed in a brochure for the use of a tourist public.

Not only the bird life but other features of the natural history of the region are worked into these accounts. The interpretations of general faunal relationships and of interdependencies between various animals are intelligently and stimulative discussed. There is an especially good extended account of the White Pelican. Moot points in the behavior and life history of this bird are considered fairly. Never is a positive statement made except on the basis of the author's first-hand ob-

servation. Mr. Skinner is commendably ready to say "I do not know" or "I have not myself actually seen this"—or words to such effect. Among other important things, he records that the horny keel is present on the bill of the White Pelican in both sexes, being developed to greatest extent, and most generally among the birds, in late May.

One rather amusing lapse I notice is the designation almost invariably of a certain bird as "Water Ouzel or Dipper"; sometimes the sequence is reversed. These names seem so inseparable that the two together seem now to comprise *the* name of the species! We note this double name on colored plate 4 and on text-figure 2, as well as on various pages in the text. We have seen this same usage in other American publications, as also in a late English periodical. Of interest as bearing on Dr. Townsend's discussion which appears elsewhere in the present issue of *THE CONDOR*, is Mr. Skinner's reference (p. 89) definitely to the "white eyelid" of the dipper.

A valuable account is given of the exceedingly rare Trumpeter Swan. This bird has been found nesting within the Yellowstone Park, perhaps its only present-day station of occurrence within the United States. Mr. Skinner records individuals as seen up until 1922.—J. GRINNELL, *Museum of Vertebrate Zoology, University of California, Berkeley, April 16, 1925.*

MINUTES OF COOPER CLUB MEETINGS

NORTHERN DIVISION

MARCH.—The regular monthly meeting of the Northern Division of the Cooper Ornithological Club was held at the Museum of Vertebrate Zoology, University of California, Berkeley, on March 26, 1925, at 8 P. M. In the absence of the president and vice-president, Mr. Joseph Mailliard was made chairman of the evening. Minutes of the Northern Division for February were read and approved. Minutes of the Southern Division for February were read. The following members were present: Misses Beaman and Canby; Mesdames Grinnell and Kibbe; Messrs. Clabaugh, Cooper, Cozens, Dixon, English, Foster, Grinnell, W. Grinnell, Hall, Kibbe, Mailliard, Perine, Simpson, Swarth and White. Mrs. Clabaugh and Mr. Gentry were visitors.

Applications for membership were read as follows: Bernhard C. Bremer, 516 Battery Street, San Francisco, Calif., by H.

C. Bryant; Goodwin L. Foster, 1125 High Court, Berkeley, Calif., by H. C. Bryant; Howard S. Gentry, Westmoreland, Calif., by E. Raymond Hall; Florence S. Hague, Corvallis, Oregon, by J. Grinnell; Harold Mestre, Fresno, Calif., by H. C. Bryant.

Acknowledgements were read from Senators Johnson and Shortridge, of telegrams received by them from the Northern Division of the Cooper Club asking their support of the Game Refuge Bill.

Mr. Joseph Grinnell briefly reviewed two recent papers published by Dr. N. Kuroda. One of these papers, "Birds as Natural Treasures of Japan", dealt with eleven species of birds which have been since 1921 "specified as natural monuments". Among these birds the Long-tailed Fowls of Tosa are the most striking. Dr. Kuroda states that the tails of these fowls sometimes reach a length of fifteen feet.

It was brought before the meeting that the California State Fish and Game Commission plans again to establish a game farm and make a new endeavor to propagate and establish foreign game birds in California. The grave danger to our native game birds which such a course would bring about, if successful, was discussed. Mr. Joseph Mailliard urged that a more logical plan would be to establish safe refuges and breeding places for native species and cited an instance of increase under favorable conditions which came under his own observation some years ago in Marin County. There quail became very numerous when afforded the shelter of rapidly growing cypress, but when the cypress grove died the quail became scarce again.

Mr. J. S. Hunter of the California State Fish and Game Commission had been scheduled to give the first talk of the evening but was detained in Sacramento. Mr. A. S. Kibbe, second on the evening's program, read the paper given by him at the Eleventh National Game Conference, New York City, December 8 and 9, 1924. His title was "A Western View of the Game Refuge Bill". Mr. Kibbe's paper was a summary of the attitude of sportsmen and bird lovers of the West toward the bill and a report of their outspoken advocacy of conservation. Mr. Kibbe's earnest plea that conservation be begun before it is too late to save for our children our precious heritage of wild life appealed strongly to all who heard it. Adjourned.—HILDA W. GRINNELL, *Secretary*.

APRIL.—The Northern Division of the Cooper Ornithological Club held its regular monthly meeting at the Museum of Vertebrate Zoology, University of California, Berkeley, April 23, 1925, at 8 P. M. In the absence of the president and vice-president, Mr. Keble B. Perine was made chairman of the evening. Minutes of the Northern Division for March were read and approved. Minutes of the Southern Division for March were read.

The following members were present: Misses Beaman, Burk, Culver and McGugin; Mesdames Bogle, Grinnell, Mexia, Mikesell and Perry; Messrs. Bryant, Bunker, Clabaugh, Dixon, Gentry, Grinnell, W. Grinnell, Hall, Jesser, Kibbe, Noack, Perine, Streater and Swarth. Visitors present were Miss Cockefair; Mesdames Corwin, Clabaugh, Kerr, Noack and Perine; Messrs. Haley, McGowan and Mikesell.

Applications for membership were read as follows: Glover M. Allen, Museum of Comparative Zoology, Cambridge, Massachusetts; William Higgs, 1823 Ninth Street, Berkeley, California; Charles D. Holliger, 215 Commercial Savings Bank Building, Stockton, California; all proposed by J. Grinnell.

Mr. Kibbe called the attention of members to a remarkable film being shown at an Oakland theatre, which portrays the home life of the English Cuckoo, the scene (and the egg) being laid in a Titlark's nest.

Mr. Swarth brought to the notice of the Club the fact that after 36 years of continuous and faithful service, Lynds Jones is retiring as editor of *The Wilson Bulletin*, and suggested that the Northern Division of the Cooper Club take formal cognizance of his devotion to the science of ornithology. The secretary was accordingly instructed, by unanimous vote, to forward to him the felicitations of the Northern Division.

Mr. Grinnell exhibited a separate from the "Scientific Monthly" for 1876, and read extracts from the article, which was entitled "Birds Observed in the Vicinity of Oakland". It was written by E. W. Nelson, then of Chicago, now Chief of the United States Biological Survey. All who heard it were much interested in this account of bird life on Lake Merritt as recorded December 23, 1872, and felt that the keen powers of observation shown and careful recording done by the seventeen-year-old author promised the success, in

his chosen field, which time has demonstrated.

"Aviculture" was the subject of the evening's talk, and Mr. H. R. Noack was the speaker. He described the ideal aviary and suggested *Pittosporum* and Monterey Cypress as best adapted for aviary plants, most other greens being too readily eaten by the birds. A discussion of birds best suited for aviary life was followed by a description of their nesting habits. For the student too busy to seek birds in their native surroundings the study of habits, molts and plumages, food and reactions toward other birds, is easily carried on upon aviary subjects. Mr. Noack has found also that an aviary acts as a magnet, drawing into the shrubbery about it an abnormally large number of native birds both resident and migratory. Adjourned.—HILDA W. GRINNELL, *Secretary*.

MAY.—The Northern Division of the Cooper Ornithological Club held its regular monthly meeting at the Museum of Vertebrate Zoology, University of California, Berkeley, May 28, 1925, at 8 P. M., with President Lastreto in the chair. Minutes of the Northern Division for April were read and approved. Minutes of the Southern Division for April were read.

The following members were present: Misses Culver and McLellan; Mesdames Bamford, Bogle, Grinnell, Mikesell, Perry and Taylor; Messrs. Bunker, Carriger, Clabaugh, Cooper, Cozens, English, Evermann, Foster, Grinnell, Jesser, Lastreto, Simpson and Swarth. Visitors present were: Miss Cockefair, Mesdames Clabaugh, Evermann, Jesser and Swarth; Messrs. McGowan, Stuart Grinnell, Mikesell, Perry, Shaw, and Taylor.

Applications for membership were read as follows: Ellen A. Cockefair, 2415 Telegraph Avenue, Oakland, Calif., by Ynes Mexia; Harold H. Greene, P. O. Box 878, Stanford University, Calif., by J. Eugene Law; George Haley, 2311 Bancroft Way, Berkeley, Calif., by J. Grinnell; Harold Kirby, Jr., Dept. of Zoology, University of California, Berkeley, by J. Grinnell; and E. Woodruff Yeates, 3978 Washington Street, San Francisco, by H. W. Carriger.

A communication was read from the Ecological Society of America, Committee on Preservation, urging the coöperation of the Cooper Club in the Society's effort to have the Cook Forest in northwestern Pennsylvania acquired by the State and preserved, because of its virgin tract of the rapidly disappearing white pine. The Secretary was instructed by motion to

communicate to Governor Pinchot of Pennsylvania and Secretary Swift of the Cook Forest Association the hearty approval of such action by the Northern Division of the Cooper Ornithological Club.

A letter of appreciation from Dr. Lynds Jones was read, thanking the Northern Division for its felicitations upon his retirement as editor of the *Wilson Bulletin*. The Secretary was instructed to invite Dr. Jones to attend meetings of the Northern Division during his proposed visit to California.

Two books recently received from the publishers were briefly reviewed by Mr. J. Grinnell: a new edition of Dr. C. W. Townsend's "Sand Dunes and Salt Marshes", and "Bird Islands of Peru" by R. C. Murphy. Both books were warmly commended to nature lovers. The last mentioned book is a clearly and authoritatively written account of the bird life of the guano islands. "Sand Dunes and Salt Marshes" is a fascinating record of the natural history of the Ipswich dunes, recorded through the years by a keen-eyed and thoughtful student.

The evenings' talk was given by Mr. Harold Kirby, Jr., whose good fortune it was last year to spend four months on Fanning Island, with brief visits to the lesser islands of the group. His talk was illustrated by slides and specimens, and his portrayal of the habits of the tropic birds, man-of-war birds, and boobies held for his hearers the charm which always pertains to unfamiliar things brought home from far away.

Before the close of the meeting Mr. C. B. Lastreto, who had just returned from a trip to Central America, brought before the meeting the distressing fact that aigrettes are still offered for sale in the shops of Panama, Havana and Colon. Adjourned.—HILDA W. GRINNELL, *Secretary*.

SOUTHERN DIVISION

MARCH.—The Southern Division of the Cooper Ornithological Club held its regular monthly meeting at the Los Angeles Museum, Exposition Park, on Thursday evening, March 26, 1925, with President Wyman in the chair and the following members present: Miss Potter; Mesdames Edwards, Ellis, Law; Messrs. Allen, Appleton, Barnes, Campbell, Chambers, Gardner, Hanaford, Law, Pierce, Reis, Rich, Runner and Wyman. Visitors included Mesdames Reis, Swinney and Wyman; Messrs. Chambers, Haines, Edwards and Rockwell.

Minutes of the February meeting were read and approved. Minutes of the Northern Division for February were read. Applications for membership were as follows: Miss Mary S. Clarke, Shadwell, Virginia, by W. Lee Chambers; Richard B. Harding, 107 W. Canton St., Boston, Mass., by J. Eugene Law; Miss Mary E. Laing, Carmel-by-the-Sea, Calif., by J. Eugene Law; Dana Jackson Lefingwell, Aurora-on-Cayuga Lake, N. Y., by W. Lee Chambers; Dr. Wallace Rogers, 65 Hurt St., Atlanta, Ga., by W. Lee Chambers; Mrs. E. J. Saunders, 122 N. Friends Ave., Whittier, Calif., by W. Lee Chambers; Justus von Lengerke, 257 Highland Ave., Orange, N. J., by W. Lee Chambers.

The Club was in receipt of a communication from Van M. Griffith, president of the Los Angeles Park Department, inviting the Club to participate in the opening and dedication of a bird sanctuary in Vermont Canyon, Griffith Park, on April 14, 1925. The secretary was instructed to acknowledge receipt of the invitation and Mr. Wyman was elected a committee of one to represent the Club on this occasion.

The President then introduced Mr. R. B. Rockwell, of Denver, Colorado, a former member of the Cooper Club, and at one time associate editor of the Condor. Mr. Rockwell gave an interesting talk on ornithology in Colorado, telling of his interest in bird photography, and his achievement in photographing the ptarmigan in the high Rockies. He also discussed with the members the advisability of reducing the present bag limit on ducks. Mrs. Edwards told of her success in trapping and banding birds at her home in Altadena. Adjourned.—ELLA H. ELLIS, *Secretary*.

APRIL.—The Southern Division of the Cooper Ornithological Club held its regular monthly meeting at the Los Angeles Museum, Exposition Park, on April 30, 1925, at 8 p. m., with the following members present: Misses Howard, Olson; Mesdames Edwards, Ellis, Law, Robertson, Warmer; Messrs. Allen, Appleton, Barnes, Bishop, Calder, Chambers, Harris, Law, Peyton, Pierce, Rich, Robertson, Ross, Runner and Wyman. Visitors included Misses Christopherson, Law and Marsh; Mesdames Calder, Howard, Law and Wyman; Messrs. Chambers, Edwards, Howard and Wales.

The meeting was called to order by the president, Mr. Wyman. Minutes of the

March meeting were read and approved, followed by reading of the March minutes of the Northern Division. The following applications were read: Charles Homer Bradford, 852 E. 5th St., Pomona, Calif., by Wright M. Pierce; Stephen C. Bruner, care of Bryan Peters, San Fernando Route, Tucson, Ariz., by J. Eugene Law; Mrs. Lila McKinley Lofberg, Edison Camp No. 3, Big Creek, Calif., by Harold Michener; Henry Joseph Perry, 19 Bay State Road, Boston, Mass., by W. Lee Chambers; Edward L. Peterson, 1756 Morgan Place, Hollywood, Calif., by J. Eugene Law; William Stone Post, Bernardsville, N. J., by W. Lee Chambers; Eric Deane Sismey, Power House No. 3, Big Creek, Fresno County, Calif., by Harold Michener; Harry Herbert Stone, Jr., P. O. Box 101, Sturbridge, Mass., by W. Lee Chambers; Charles Anderson Urner, 613 Cleveland Ave., Elizabeth, N. J., by W. Lee Chambers; Mr. Joseph Wales, 2225 Maiden Lane, Altadena, Calif., by M. W. deLaubenfels; Laidlow O. Williams, care of Bryan Peters, San Fernando Route, Tucson, Ariz., by J. Eugene Law.

Upon motion of Mr. Law, duly seconded and carried, it was voted that Dr. C. O. Esterly be asked to represent the Southern Division of the Club at the annual meeting of the Pacific Division, American Association for the Advancement of Science, to be held at Portland in June. Mr. Wyman, as a committee of one appointed last month to represent the Club at the opening and dedication of a Bird Sanctuary in Vermont Canyon, Griffith Park, reported the occasion a complete success.

The speaker of the evening, Dr. L. B. Bishop, discussed the status of the Krider, Harlan and Red-tailed hawks, exhibiting specimens of each. His talk, "A Collecting Trip in Alaska", was a very interesting, and, at times, most amusing, account of a trip up the Yukon taken about twenty-five years ago in company with Dr. Wilfred H. Osgood and one other companion.

Several members, who had recently been on short trips, were called on for their observations. Mr. deLaubenfels responded with an account of finding the nest of the Bald Eagle on Catalina Island. Mr. Roland Ross told of the many species of warblers found in migration near Palm Springs. Mr. Law spoke briefly of a visit to Painted Canyon. The Cardinal was reported as having been found nesting in the vicinity of Los Angeles. Adjourned.—ELLA H. ELLIS, *Secretary*.