

tive and prospective bird students in a large section of the country by working up this guide. Also, he has taken an important stand in favor of less emphasis on subspecies on the part of the field amateur, which attitude expressed in a book of this kind we may expect will have a distinctly beneficial effect.—ALDEN H. MILLER.

Two contributions on the subject of attracting birds have been received which deserve review, but because of limited space, they can merely be brought to notice here. "Bird houses, baths and feeding shelters, how to make and where to place them" by Edmund J. Sawyer, is a completely revised third addition of a bulletin issued by the Cranbrook Institute of Science, Bloomfield Hills, Michigan (1940; 35 pp.; 20 cents). More comprehensive is "The Audubon guide to attracting birds," edited by John H. Baker (Doubleday, Doran and Company, Inc., Garden City, N. Y.; xviii+268 pp., illus.; \$1.50) which treats of photography, banding, planting, waterfowl areas and sanctuaries in addition to bird houses and baths.—A. H. M.

#### MINUTES OF COOPER CLUB MEETINGS

##### FIFTEENTH ANNUAL MEETING

The fifteenth annual meeting of the Cooper Ornithological Club was held Friday, April 11, to Sunday, April 13, 1941, at the Museum of Vertebrate Zoology, Berkeley, California. On Friday morning the meeting was opened by E. Lowell Sumner, Jr., president of the Northern Division, and a welcome extended to members and visitors. George Willett spoke in response for the members of the Southern Division.

After the annual business session, the following papers were presented: Light versus activity in the control of the sexual cycle of birds: the role of the hypothalamus, by Albert Wolfson; Observation of a condor in the San Jacinto Mountains, by Richard H. May (read by J. S. Dixon); The passing of the Shasta vulture, by Loye Miller; Variation in *Dendragapus* in the Coast Range of California, by James Moffitt; A fossil flamingo from the Miocene of North America, by Alden H. Miller.

Friday afternoon: Peregrine falcon populations in western North America: a request for information, by R. M. Bond; Problems of wild turkey management in Missouri, by A. Starker Leopold; Is there mimicry in the feeding behavior of birds? by Junea W. Kelly; Pairing responses of free-living valley quail to hormone pellet implants, by F. W. Lorenz and J. T. Emlen, Jr.; Feeding habits of the black oyster-catcher, by J. Dan Webster; Food of the spotted owls at Whitaker's Forest, Tulare County, by Joe T. Marshall, Jr.

In the latter part of the afternoon, members

and friends visited the gallery of the Museum of Vertebrate Zoology, where the scientific collections were open to inspection.

Saturday morning: The working day of the robin, by Robert C. Miller; Territorial behavior of the American woodcock (*Philohela minor*), by Frank A. Pitelka; Habits of the Mearns quail, by Loye Miller; Experimental analysis of the breeding cycle in the tricolored red-wing, by John T. Emlen, Jr.; The nesting of the ptarmigan on Mount Baker, Washington (illustrated), by William T. Shaw; Variation in *Corvus corax* in North America, by George Willett; Notes on the roosting habits of the chestnut-backed chickadee and the Bewick wren (illustrated), by Laidlaw Williams.

Saturday afternoon: Highlights of condor watching, by Carl B. Koford; The federal wildlife restoration program (illustrated by the motion picture, "Haunts for the Hunted"), by Stanley G. Jewett; Bird life in the eastern Mohave Desert (illustrated), by David H. Johnson; "Galapagos," a film taken on the Lack-Venables Galapagos Expedition of 1938-39, by Robert T. Orr.

On Saturday evening, approximately 90 members and guests attended the annual dinner at the Berkeley Women's City Club. Mr. Andrew Shirra Gibb presented his excellent motion pictures in color of birds taken in the vicinity of Monterey.

##### ANNUAL BUSINESS MEETING

The annual business session of the Cooper Ornithological Club was called to order in Room 2503, Life Sciences Building, University of California, Berkeley, California, at 9:30 a.m., Friday, April 11, 1941, with Vice-president Alden H. Miller in the chair and George Willett acting as secretary.

The minutes of the Annual Meeting of 1940 were read and approved.

The Chairman appointed as a committee to examine proxies, John McB. Robertson, Chairman, John T. Emlen, Jr., and Jean M. Linsdale, and as a committee to present nominations for Directors for the ensuing year, John G. Tyler, Chairman, Loye Miller and Joseph S. Dixon.

The meeting then adjourned to meet in the same room at 9:00 a.m., April 12, 1941.

The business session was resumed at 9:00 a.m., Saturday, April 12, 1941, in Room 2503 Life Sciences Building, University of California, Berkeley, California, with Vice-president Alden H. Miller presiding.

The Proxy Committee reported that, of a total membership of 891, 77 members were present in person and 414 were represented by proxies. The Chairman therefore declared a quorum present.

The Secretary reported election by the two divisions of the Club since the last annual meeting of 94 members, from and including Number 1136 on the Club Membership Roster, to and including Number 1229 on said roster. On motion by George Willett, seconded by Loye Miller and duly carried, the election of these members was ratified. The Secretary then read the following applications for membership in the Club: Leslie G. Hawkins, proposed by Hildegarde Howard; Daniel O. Kjerulf, by William T. Shaw, and Jackson Dan Webster, by Alden H. Miller. On motion by George Willett, seconded by Loye Miller and duly carried, these applicants were elected to membership.

The Nominating Committee presented the following nominations for Directors for the ensuing year: John S. Appleton, W. Lee Chambers, Hilda W. Grinnell, Jean M. Linsdale, Alden H. Miller, J. R. Pemberton, Howard Robertson, John McB. Robertson and George Willett. On motion by Loye Miller, seconded by L. W. Taylor and duly carried, the nominations were closed and the nominees declared elected.

The Treasurer's Report was read by Treasurer John McB. Robertson. On motion by Loye Miller, seconded by E. Lowell Sumner, Jr., and duly carried, this report was accepted.

Hilda W. Grinnell presented the following resolutions regarding the death of J. S. Cooper, Junior Vice-president of the Board of Directors of the Club, and son of J. G. Cooper, for whom the Club was named. Mrs. Grinnell also gave a very interesting summary of the history of Mr. Cooper's family.

WHEREAS, in the death of James S. Cooper, for nearly forty years a devoted member of the Cooper Ornithological Club, a past President of the Northern Division, and a charter member of the Board of Governors, our organization has lost a valued member; and

WHEREAS, many of us of the Cooper Ornithological Club have had occasion to know of his constant readiness to serve the Club, especially in his chosen field of accounting, and also to become individually aware of his sincere interest in this Club, which bears his father's name; therefore be it

RESOLVED, that we of the Cooper Ornithological Club, in annual meeting assembled at Berkeley, California, on April 12, 1941, hereby express our deep sorrow at this loss which has come to the Club; and be it further

RESOLVED, that a copy of these resolutions, with an expression of our sincere sympathy, be sent officially from the Club to Mrs. Cooper.

On motion by Mrs. Grinnell, seconded by Lowell Sumner and unanimously carried, the resolutions were adopted.

On motion by George Willett, seconded by

Loye Miller and unanimously carried, a vote of thanks was extended to the Local Committee on Arrangements for the Fifteenth Annual Meeting.

The meeting adjourned at 9:30 a.m.—GEORGE WILLETT, *Secretary*.

#### GOVERNORS' MEETING

The nineteenth annual meeting of the Board of Governors of the Cooper Ornithological Club was held at International House, Berkeley, California, on April 11, 1941. President Tyler called the meeting to order at 8 p.m., with the following members present: Amelia S. Allen, Richard M. Bond, Harold C. Bryant, H. W. Carriger, Frances Carter, W. Lee Chambers, Joseph S. Dixon, John T. Emlen, Jr., Hilda Wood Grinnell, Eric C. Kinsey, Jean M. Linsdale, Alden H. Miller, Loye Miller, Robert T. Moore, Irwin D. Nokes, Harry R. Painton, John McB. Robertson, Tracy I. Storer, E. Lowell Sumner, Jr., John G. Tyler, and George Willett.

Proxies were presented as follows: Clinton G. Abbott, J. S. Appleton, H. L. Coggins, Raymond B. Cowles, Joseph Mailliard, Herbert N. McCoy, Harold Michener, J. R. Pemberton, Gayle B. Pickwell, Sidney B. Peyton, and Sherwin F. Wood, held by Alden H. Miller; Frank N. Bassett, Luther Little, Guy C. Rich, and Howard Robertson, by W. Lee Chambers; Louis B. Bishop, by George Willett.

Minutes of the eighteenth annual meeting of the Board of Governors were read and approved. The report of the Business Managers for 1939 was presented by Mr. John McB. Robertson, which report is appended to these minutes. A letter from Mr. J. S. Cooper, reporting for the auditing committee, which consisted additionally of H. N. McCoy and S. F. Wood, indicated that the accounts had been found to be in good order. Loye Miller, seconded by George Willett, moved that the report of the auditing committee be adopted. On motion by Joseph Dixon, seconded by T. I. Storer, the report of the Business Manager was accepted.

President Tyler called for the report of the Editor, which was presented by Alden H. Miller. On motion of T. I. Storer, seconded by George Willett, this report was accepted.

Discussion ensued concerning problems arising in the fixing of dates of membership and the acceptance of resignation of members. It was agreed informally that the Secretary and Treasurer act for the Board in these matters.

A proposal from Dr. Lawrence E. Hicks, Secretary of the American Ornithologists' Union, that the Cooper Ornithological Club affiliate with the Union was presented for consideration. The proposal involves no financial obligation and carries the privilege of naming a special member of the Club to sit on the council of the Union,

the purpose being to promote the common interests of the organizations in the field of ornithology. After extended discussion it was voted on motion of E. L. Sumner, seconded by R. T. Moore, to affiliate with the Union in this way.

Loye Miller, seconded by H. C. Bryant, moved that the Editor be empowered to arrange for purchase of reprints from the Condor by the Association of Park Naturalists; motion carried.

George Willett moved that a vote of thanks be extended to the local committee for the efficient conduct of the Fifteenth Annual Meeting of the Club in Berkeley. Motion seconded by Loye Miller and unanimously carried.

The President was asked to appoint a committee to prepare an appropriate expression of the loss felt by the Board and the Club in the recent death of Mr. J. S. Cooper. Hilda W. Grinnell, W. Lee Chambers and Alden H. Miller were named.

The Board accepted with pleasure the invitation of members of the Club in San Diego, extended through Mr. Clinton G. Abbott, to hold the Sixteenth Annual Meeting in 1942 in that city.

All officers of the Board were re-elected for the year 1942.

Adjourned.—ALDEN H. MILLER, *Secretary*.

#### NORTHERN DIVISION

MARCH.—The regular monthly meeting of the Northern Division of the Cooper Ornithological Club was held on Thursday, March 27, 1941, at 8:00 p.m., in Room 2503 Life Sciences Building, Berkeley, with about 140 members and guests present. President Sumner turned the meeting over to the Vice-president, R. M. Bond, who presided for the remainder of the evening. Minutes of the Northern Division for February were read and approved. Two names were proposed for membership: Wilfred E. Cawelti, Box 322, Maricopa, California, and Benjamin B. H. Taylor, 1830 San Antonio Avenue, Berkeley, California, both by Alden H. Miller.

B. C. Cain expressed the concern felt by the Conservation Committee over a possible change in the administration of Point Lobos Reserve which might endanger the established policy of its maintenance as a natural area. It was unanimously decided that resolutions be drawn up and sent to the Division of State Parks, and it was further urged that letters be sent by individual members. (Copy of the resolutions filed with the minutes of this meeting.)

Mr. Milton Ray briefly reviewed a book, *The Cuckoo*, by Edgar P. Chance, which had recently appeared in England and was also published in the United States by Scribners.

Field notes were opened by Frank G. Watson, who had observed Cliff Swallows around the

Life Sciences Building, March 27. Since they appear a month earlier in the central valleys, he asked for other records. Various members reported them from different localities: Woodland, February 22; Ventura County, March 4; Alvarado, March 22; and Alameda, March 24. One earlier record from the Berkeley campus was March 18. Mr. Covell had first seen a Black-headed Grosbeak in Oakland, February 1. Mr. Cain's group had noted a female Wood Duck, 3 Black-crowned Night Herons and some Rough-winged Swallows at Mountain View Cemetery. A Troupial, possibly an escaped bird, was seen carrying palm fibres into an oak tree. From a point 20 miles north of Yuba City there was reported a White-tailed Kite, March 9.

The main part of the program was a delightful presentation, "Birds of the Sierra in Kodachrome," by H. D. Wheeler and Ruth Wheeler, of Pacific Union College, Angwin, California. Both lantern slides and motion pictures were shown.

Adjourned.—FRANCES CARTER, *Recording Secretary*.

APRIL.—The regular monthly meeting of the Northern Division of the Cooper Ornithological Club was held on Thursday, April 24, 1941, at 8:00 p.m., in Room 2503 Life Sciences Building, Berkeley, with Mr. Alden H. Miller presiding and about 30 members and guests present. Minutes of the Northern Division for March were read and approved. Names proposed for membership were: (Mrs.) Winifern Wood Swarth, 2800 Prince Street, Berkeley, California, by Hilda W. Grinnell; Miss Josephine Frances Crowley, 259 Buena Vista Avenue, San Francisco, California, and Paul P. Woelz, Quincy, California, both by Joe T. Marshall, Jr.

With regard to the administration of Point Lobos Reserve, the encouraging report was received that Mr. Wilson, the present custodian, would be retained for the present.

Mrs. Sheldon announced that the state convention of the National Audubon Society would be held at Monterey, May 9-11, and gave details about the wildlife photography contest.

The meeting was devoted to reports of observations by members who had been in the field. Mrs. Grinnell read a letter from Mr. Ware C. Little, of Piedmont, who recorded a two years' acquaintance with the free-living Troupial reported at the last meeting by Mr. Cain. The occurrence of a sickness affecting Pacific Loons and causing many deaths among them was reported by several members, at Newport Bay, Point Lobos, the 17-Mile Drive and Moss Beach. An extraordinary invasion of Lake Merritt by loons of three species had been noted by Mr. Covell.

Mrs. Kelly remarked on the scarcity in numbers of individuals in the different bird species seen recently in Sonoma County, wondering whether that might be an effect of late snow on Mt. St. Helena. Mrs. Sheldon described the pleasure of seeing all three species of oriole, Bullock, Arizona Hooded and Scott, in Borego Valley on Easter Sunday. Milton Seibert gave a number of first records for the season: Lazuli Bunting, April 13 (Sunol); Lincoln Sparrow, April 18; and Warbling Vireo, April 20; young of the California Thrasher were seen April 13 at Sunol. Vincent Mowbray listed among the birds nesting in Arroyo Mocho near Livermore, Lawrence Goldfinch, Mourning Dove, Brown Towhee, and Black Phoebe, and in an unusual site, apparently a gopher hole in a cliff, a Titmouse nest. On a desert trip, Mr. Covell was surprised to find Cactus Wrens nesting in buildings. Mr. Miller replied that departure from the cactus habitat was often seen in the cactus wrens of Imperial Valley, while those on the coastal slopes remained in the cactus patches.

Adjourned.—FRANCES CARTER, *Recording Secretary*.

May.—The regular monthly meeting of the Northern Division of the Cooper Ornithological Club was held on Thursday, May 22, 1941, with Mr. Alden H. Miller presiding and 38 members and guests present. Minutes of the Northern Division for April were read, corrected and approved. There were no proposals for membership.

Field observations were given by several members. Milton Seibert had seen a Band-tailed Pigeon near Mills College, April 27. He had recorded the nest of a Black-chinned Sparrow in Santa Clara County, May 10. Dr. Haley recounted the experience, amusing in retrospect, of having his handkerchief snatched away by an irate owl at which he had waved it, on the campus at dusk. Mrs. Allen had found a Phainopepla's nest in Arroyo Mocho, May 5. Mr. Miller had noted a Varied Thrush in Berkeley as late as April 30, whereas the latest record in previous years was April 18. Vincent Mowbray had seen a White-tailed Kite near Colusa.

The speaker of the evening, Mr. George A. Bartholomew, gave a full and interesting account of his months of observation on the distribution and behavior of Brandt and Farallon cormorants on San Francisco Bay.

Adjourned.—FRANCES CARTER, *Recording Secretary*.

#### SOUTHERN DIVISION

MARCH.—The regular meeting of the Southern Division of the Cooper Ornithological Club was

held in the Los Angeles Museum of History Science and Art on Tuesday, March 25, 1941, with President Hildegard Howard in the chair and 21 members and guests present.

President Howard announced that the annual meeting of the Cooper Club would be held in Berkeley and urged all members to be present or to send their proxies. She also stated that there would be no meeting of the Southern Division in April.

At the request of the Board of Governors and the Director-in-charge of the Los Angeles County Museum, the President extended an invitation to all Cooper Club members to a tea to be held Friday, February 28, 1941, from 3 to 6 p.m. in celebration of the opening of the New Division of Education of the museum.

The meeting was then turned over to the members who reported observations made by them. Sidney B. Plattford reported seeing a few Costa Hummingbirds at the Tucker Ranch. John McB. Robertson had observed that spring migration was late. Dr. Howard reported Cliff Swallows two weeks earlier than usual at San Juan Capistrano. W. J. Scheffler stated that Golden Eagles had well incubated eggs on March 7 and that Red-tailed Hawks had young on the same date; also that he had seen a flock of 20 cranes at San Juan Capistrano.

George Willett told of his recent trip to the coastal islands. He spent eight days on San Clemente Island, experiencing bad weather. Birds noted were: 200 Ravens, Rock Wrens, Bewick Wrens and Horned Larks. On the west end of Santa Catalina Island he saw the island form of Allen Hummingbird and two flocks of Black Brant numbering 20 and 30 each. On March 17, on Anacapa Island he found the Brown Pelican with young, and saw Rock Wrens, Bewick Wrens, Golden-crowned Sparrows, Barn Swallows, and White-throated Swifts, but no Cliff Swallows.

Irwin B. Dixon reported Band-tailed Pigeons numerous in the Palomar Mountains. He also reported an interesting observation regarding a Great Blue Heron colony which had been destroyed by removal of the trees in which they had nested. The birds had found a new place of residence in a eucalyptus grove, but he failed to see them carry any nesting material, until on one moonlight night, attracted by a considerable amount of noise, he found them busy building nests.

W. J. Scheffler reported that he and Dr. Loye Miller, while on a trip to Arizona had found Mearns Quail to be numerous, also he stated that they had noted a Spotted Screech Owl on February 4, 1941.

Adjourned.—IRWIN D. NOKES, *Secretary*.