

MINUTES OF THE TWELFTH ANNUAL MEETING OF THE
LEPIDOPTERISTS' SOCIETY AND NINTH ANNUAL MEETING OF THE
PACIFIC SLOPE SECTION

August 25 and 26, 1962, Santa Barbara, California

Saturday, August 25

The joint meeting was called to order at 9:00 A.M. by Dr. John A. Comstock. Peter F. Bellinger was elected Secretary *pro tem*. Members of the society were welcomed by Dr. V. L. Vanderhoff, Director of the Santa Barbara Museum; in reply the chairman expressed the thanks of the society.

Dr. Comstock then delivered his Presidential Message, calling attention to the importance of accurate illustrations in entomological publications (see *Journal*, vol. 16, pp. 247-248). Dr. Vanderhoff took the opportunity to call members' attention to the dioramas in the museum and to Nelson Baker's illustrations for the insect hall.

Two invitational papers for the morning were given by Dr. Jerry A. Powell, who spoke on "Some observations on the minimum temperature threshold of moth activity at light," and by Frank Sala, who discussed the "astrologa complex" of the genus *Annaphila* (a paper since published: 1964, *Jour. Res. Lepid.*, 2: 289-301 "1963").

Following a group photograph and an excellent luncheon provided by the museum, the business meeting was called to order at 1:30 with Dr. C. L. Remington presiding. Motions of thanks to the staff and associates of the museum for their hospitality, and to Fred Thorne and Nelson Baker for their efforts on the program committee, were passed. Dr. Remington discussed publication plans for the *Journal* and *Memoirs*, and Dr. Tilden called for more material for the *News*, especially for the Season Summary; the possibility of using a standard form for submitting material for the summary was discussed. A motion by Fred Thorne was passed recommending the establishment of a class of patron members, with dues in excess of those charged sustaining members.

It was announced that the next meeting of the Society would be held in San Antonio, Texas, in the summer of 1963. A motion to hold the next meeting of the Pacific Slope Section at the Santa Barbara Museum in the last week of August in 1963 was passed, and Dr. Tilden was asked to head a committee to select a program committee.

The following papers were presented in the afternoon session:

Dr. J. W. Tilden—"Variations in *Speyeria* in the Sand Creek area of Oregon."

Oakley Shields—"Preliminary report on the Libytheidae."

Dr. William Hovanitz—"Preliminary analysis of populations of *Pieris protodice* and *Pieris occidentalis*."

Lloyd M. Martin—"The genus *Lacinipolia*."

The annual banquet was held at the Miramar Hotel. Following the banquet Dr. Comstock spoke on his experiences on a recent trip to Samoa and showed slides of the island and of some of the Lepidoptera which he was able to rear there.

Sunday, August 26

The final session was called to order at 9:30 with Dr. Tilden presiding. It was announced that Dr. Hovanitz would be program chairman and Nelson Baker local arrangements chairman for the next meeting of the Pacific Slope Section.

The following papers were presented:

Dr. C. L. Remington—"Hybridization studies of *Papilio*, *Limenitis* and *Callosamia*."

Dr. Roger W. Pease, Jr.—"Geographic variation and polymorphism in the American *Utetheisa*."

Wilbur S. McAlpine—"Butterflies of the genus *Calephelis*."

Following the formal meetings, concluded at noon, members of the group were invited to an informal luncheon and open house at the home of Mr. and Mrs. Carl W. Kirkwood of Summerland. The hospitality of the Kirkwoods was greatly appreciated by those able to attend.—PETER F. BELLINGER, *Secretary pro tem*

MINUTES OF THE TENTH ANNUAL MEETING OF THE PACIFIC SLOPE SECTION OF THE LEPIDOPTERISTS' SOCIETY

August 24 and 25, 1963, Santa Barbara, California

Saturday, August 24

Following registration of members and a get-acquainted period, Mr. Lloyd M. Martin, Los Angeles County Museum, presided over the opening session. Miss Norma Morrer, Acting Director of the Santa Barbara Museum of Natural History, delivered an address of welcome.

Mr. Martin gave a report on the 1963 National Meeting of the Society, held during early August in San Antonio, Texas (see the *Journal*, vol. 18: 117–118, 1964).

Dr. Rudolph Mattoni, Downey, California, presented a paper "Homing behavior in *Philotes*"; a capture-mark-release-recapture study of a colony of *P. sonorensis* in the foothills of the San Gabriel Mountains in which two areas some 20 meters apart were designated and observed for cross movements.

Charles H. Abbott, Redondo Beach, reported on "The 1963 migration of *Vanessa cardui* and other recent observations"; included was a request for additional information of activities of other *Vanessa* species north of central California.

Following an excellent luncheon, again provided through the generosity of the staff of the Santa Barbara Museum of Natural History, a business meeting was held. The selection of a site for the 1964 meetings was made in response to an invitation from Mr. Peter Herlan of the Nevada State Museum at Carson City, and Dr. J. W. Tilden, San Jose State College, was elected program chairman with Mr. Herlan acting as local arrangements chairman. Considerable discussion followed the reading of a letter from Mr. Charles F. Harbison, San Diego Museum of Natural History, dealing with the problem of the selection of site and month having been made in past years by members present at the preceding meeting; that is, those who are able to attend at a given place and time of year are apt to select the same site, which tends to lessen, rather than increase, the geographical movement of the meeting site and breadth of the attending group. A system was proposed, including a committee to investigate possible meeting sites two years in advance and to report a recommendation at each meeting at the time the next site is to be selected. Mr. Harbison and Dr. E. O. Sette were appointed to look into the 1965 meeting site.

The afternoon session, with Dr. Mattoni presiding, included the following:

"*Philotes* of central coastal California," by Robert L. Langston, University of California, Berkeley: a paper subsequently published in this *Journal* (vol. 17: 201–223, 1964).

"Chemistry in Lepidopterology," by John M. Snider: use of chlorocresol as a mold preventer in holding fresh material; quaternary ammonium halide as an injection instant relaxer, and other little-known techniques were discussed.

"Genitalic and wing differences in western *Pieris*," by Vincent Chang, Los Angeles State College: a paper subsequently published (*Jour. Res. Lepid.*, 2(1): 97–125, 1963).

An exhibits and exchange period followed the afternoon session and included two well-prepared technique displays: a short explanatory introduction and display of equipment for field photography by Thomas C. Emmel, Stanford University; and Phillip A. Adams, University of California, Santa Barbara, showed a rubber stamp method for producing specimen labels; this inexpensive technique has since been published (*Jour. Res. Lepid.*, 2(3): 225–228, 1963).