PROCEEDINGS

OF THE

ENTOMOLOGICAL SOCIETY

OF

WASHINGTON

Volume 72

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ORGANIZED MARCH 12, 1884

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MEETINGS.—Regular meetings of the Society are held in Room 43, Natural History Building, Smithsonian Institution, on the first Thursday of each month from October to June, inclusive, at 8 P.M. Minutes of meetings are published regularly in the *Proceedings*.

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- Cockerell, T. D. A. 1900. Coccinellidae in Arizona. Science Gossip 7:177.
- Fall. H. C. 1901. List of the Coleoptera of southern California, with not
- Fall, H. C. 1901. List of the Coleoptera of southern California, with notes on habits and distribution of new species. Occ. Pap. Calif. Acad. Sci., No. 8, pp. 1–282.
- Gordon, R. D. 1970. New genera and species of Coccinellidae from the western United States. Proc. Ent. Soc. Wash. 72:42–50.
- Horn, G. H. 1895. Studies in Coccinellidae. Trans. Amer. Entomol. Soc. 22: 81–114.
- Korschefsky, R. 1931. Coleopterorum catalogus, pars 18, Coccinellidae I, pp. 1–224. (Vol. XVI).
- LeConte, J. L. 1878. In Schwarz, The Coleoptera of Florida. Proc. Amer. Philos. Soc. 17:353–469.
- Leng, C. W. 1920. Catalogue of the Coleoptera of America, north of Mexico. Mount Vernon, New York, pp. 1–470.
- Pope, R. D. 1962. A review of the Pharini (Coleoptera: Coccinellidae). Ann. Mag. Nat. Hist., Ser. 13, vol. 4 (1961), pp. 627-640.
- Sasaji, H. 1968. Phylogeny of the family Coccinellidae (Coleoptera). Etizenia, No. 35, 37 pp.
- Schwarz, E. A. 1904. A new coccinellid enemy of the San Jose Scale. Proc. Ent. Soc. Wash. 6:118–119.
- Weise, J. 1891. Neue Coccinelliden. Deutsche Ent. Zeitschr., 1891, pp. 282–288.

TRIBAL AND GENERIC REASSIGNMENTS IN THE COCCINELLIDAE (COLEOPTERA)

Examination of the type specimen of *Microweisea ovata* Nunenmacher has revealed that it is a member of the genus *Microscymnus* Champion and is distinct from the only previously described species, *M. calvus* Champion. *Microscymnus* has previously been placed in the Scymnini. Study of specimens of *M. ovata*, *M. calvus* and 2 undescribed species reveal the following characters: expanded prosternal process, conical maxillary palpus, expanded protibia, ventral excavations for reception of legs, and abdomen with 5 visible sternites. These characters place *Microscymnus* near the Serangiini in the Sticholotinae. *Microscymnus* is a Central and South American genus. The type of *M. ovata* was loaned by II. B. Leech, California Academy of Sciences.

Among material from the British Museum (Natural History) kindly loaned by R. D. Pope, was a syntype of *Scymnus caerulicollis* Champion. This proved to belong to the genus *Zilus* Mulsant. This species is apparently not uncommon in Panama as there are several conspecific specimens in the U. S. National Museum of Natural History.

The South Pacific genus *Pharellus* Sicard should be placed in the Sticholotinae based on the conical maxillary palpus, divided postcoxal line, and asymmetrical male genitalia. *Pharellus* appears to be very near *Sukunahikona* Kamiya, but they are not congeneric.—Robert D. Gordon, *Systematic Entomology Laboratory, Ent. Res. Div., Agr. Res. Ser., USDA, c/o U. S. National Museum, Washington, D. C.* 20560.