

- Neiva, Arthur.* 1913. Da transmissão do *Trypanosoma Cruzi* pela *Triatoma sordida* Stal. Brazil-Medico, xxvii, No. 30, p. 309.
- Neiva, Arthur.* 1913. Multiplicação na Vinhuca (*Triatoma infestans* Klug) do tripanosomo do mal de cadeiras. Brazil-Medico, xxvii, No. 35, p. 356.
- Neiva, Arthur.* 1913. Algunos datos sobre Hemípteros hematófagos de la América del Sur, con la descripción de una nueva especie. Anal. Mus. Nac. Buenos Aires, xxiv, pp. 195-198.
- Neiva, Arthur.* 1914. Revisão do genero *Triatoma* Lap. Rio de Janeiro: Typ. do "Jornal de Commercio." pp. 71+8 (bibliography).
- Neiva, Arthur,* 1914. Contribuição para o estudo dos Reduidos hematofagos, com a descrição de uma nova especie, *T. tennuis*. Mem. Inst. Osw. Cruz, vi, Fasc. 1, p. 35.

PROCEEDINGS OF THE CAMBRIDGE ENTOMOLOGICAL CLUB.

At the meeting of October 11, 1920, Prof. W. M. Wheeler read a paper by himself and Mr. L. H. Taylor on parasitism of *Vespa arctica* upon *Vespa diabolica* which was published in December 1921. A discussion followed on parasitism in general and especially the habits of *Stylops* in *Andrena*, *Halictus* and other Hymenoptera.

Dr. R. Heber Howe showed remains of beetles from peat deposits at Eastham, Cape Cod, Mass., between layers of glacial till and too far away from present outcrops to be of recent origin.

At the meeting November 8, Mr. L. B. Uichanco read a paper on the development of certain unicellular organisms which live symbiotically in the bodies of Aphids. These are found in the ovaries and enter the eggs at an early stage. Later

they increase in number in a mass of cells in the middle of the embryo which becomes divided in two and in the newly hatched Aphid forms a pair of conspicuous organs. The paper was illustrated by numerous drawings.

Mr. Roland Hussey showed specimens of *Scaptocoris castaneus* from Venezuela belonging to a tropical group of the Hemipterous family Cydnidæ in which the hind tibia is swollen and truncate and the tarsus absent while the front tibia is prolonged by the fusion of the apical spines much beyond the insertion of the tarsus and the latter is much reduced in size.

Mr. F. W. Dodge showed 125 species of the coleopterous family Meoidæ, part of the collection of the late Mr. Fuchs of California.

At the meeting of December 13, Prof. C. T. Brues showed several rare wingless Hymenoptera of unknown habits, one a species of *Pedinomma* Westw. and another of the genus *Algoa*.

J. H. Emerton exhibited his portable collection of two hundred species of native spiders illustrated by charts, drawings and photographs of cobwebs.

Mr. F. W. Dodge exhibited a collection of beetles of the family Coccinellidæ.

The annual meeting was held January 10, 1922. The Secretary's report shows than ten meetings were held during the past year with average attendance of nineteen persons. Four new members were elected and the present membership numbers sixty-nine. The following officers for 1922 were elected: President, Wm. M. Wheeler; Vice president, L. R. Reynolds; Secretary, J. H. Emerton; Treasurer, Fred H. Walker; Editor, C. T. Brues; Executive committee, Nathan Banks, S. W. Denton, L. W. Swett.

Mr. Nathan Banks in retiring from the presidency addressed the Club on the value of field observation and the importance of careful records and prompt publication. He thought much valuable work was lost through failure to appreciate its importance, and through timidity in failing to publish what had been discovered. Observers should not be tempted to wait too long for perfection, as completion of their investigations in such things

are of necessity imperfect and must be revised and republished as knowledge improves.

Mr. R. Heber Howe spoke of the genus *Gompus* in New England. There are 22 species but only two, *exilis* and *spicatus*, are common. Other species, usually rare, occur at some seasons in great abundance owing perhaps to the period of two or three years passed in development.

Mr. J. H. Emerton gave a short account of the meetings of the American Association for the Advancement of the Science at Toronto during Christmas week.

At the meeting of February 14 Mr. O. E. Plath continued his account of the habits of *Bombus* begun at the September meeting, by reading a paper on the genus *Psithyrus* and its habits in the *Bombus* nests which he had under observation the past summer.

The accepted design for a Club Seal was shown and now appears on the cover of *Psyche*.

