Two New Aphelinine Parasites of Scale Insects.

BY L. O. HOWARD.

In the course of his almost constant journeying in different parts of the world searching for beneficial insects, Mr. Geo. Compere, Agent of the State Board of Horticulture of California and of the Department of Agriculture of Western Australia, finds many curious and interesting parasitic Hymenoptera. Many of these he sends to the writer for determination, and in a lot received quite recently there occur two new Aphelinines which it seems desirable to name at once. The descriptions follow:

Genus **Physcus** Howard.


**Physcus flaviventris** n. sp.

*Female.*—Length 0.97 mm.; expanse 2 mm.; greatest width of fore-wing 0.3 mm.—Somewhat slenderer than *varicornis*. Head and thorax dark brown nearly black. Abdomen above and below orange-yellow, brown at sides. Scape brown; pedicle and all three funicle joints pallid; club brown, pale at tip. Fore femora and base of fore tibiae brown; remainder of front legs and all of middle and hind legs pallid, tinged with yellowish. Wing veins not colored, transparent.

Type No. 12,167, U. S. N. M.

Described from two female specimens reared by George Compere from *Chrysomphalus aurantii* Mask, Manila, P. I.

Genus **Perissopterus** Howard.


**Perissopterus carnesi** n. sp.

*Female.*—Length 0.81 mm.; expanse 1.83 mm.; greatest width of fore-wing 0.198.—Resembles *Perissopterus juvenis* Howard (Technical Series No. 12, Part IV, 1907, page 88), but differs in having the tip of the first tarsal joint of the middle legs yellow and the fourth
tarsal joint brown. This tarsus being thus colored, 4th and 5th joints and all of 1st joint except tip brown; 2nd and 3rd and tip of 1st yellow.

Type No. 12,168, U. S. N. M.

Described from three female specimens reared by George Compere from *Lepidosaphes beckii*, China. The specific name is given in honor of Mr. Edward K. Carnes who has charge of the admirable insectary of the California State Board of Horticulture at Sacramento, Cal.