

greenish except for black tubercles. The black line on the dorsum grows more and more broken with each moult until it disappears, except for the black of the tubercles.

Full-grown larvæ are about 1.75 cm. in length and caterpillar-like, green with black tubercles and a lateral row of yellow spots, prolegs on abdominal segments 2-7 and 10, anal area like body, black. antennæ wart-like. Feeds on *Salix sericea*.

Head black or dark brown, with the following parts lighter: a small spot on the genæ between the ocelli and the post-clypeus, the antennæ, the labrum, the labium, and the mandibles and maxillæ except for rufous tips. Body green, with the following parts black: a "Y"-shaped sclerite on the venter of the prothorax, two dorsal tubercles and two tubercles just above the base of the leg on the prothorax, five dorsal tubercles and two just above the base of the leg on both the meso- and metathorax, also a slight cloud of black on the caudal annulation of both segments and one on the cephalic annulation of the metathorax, on normal abdominal segments five dorsal tubercles, two just above the base of the proleg and one on the proleg itself, a black dot between each pair of prolegs except the anal pair, a spot at the centre of the anal area, and the tips of the cerci. A yellow spot of more or less quadrate outline on every segment of the body except the last two abdominal segments just caudad of the spiracle. Legs greenish-white except for a black tubercle on the basal joint and rufous claws. Cocoon is about .9 cm. in length, double elliptical and spun of dark brown silk.

Larvæ are gregarious edge-eaters, two brooded, the adults appearing in May and July. Spins cocoon below the surface of the ground.

*Phymetocera fumipennis*.—Larvæ about 1.25 cm. in length and caterpillar-like, body white above and yellow beneath, tubercles black, head black, prolegs on abdominal segments 2-8 and 10, anal area like the body, antennæ five-jointed. Feeds on *Smilacina racemosa*.

Head dark brown, with the following parts light: the post-clypeus except a spot at the base and one in each depression, the ante-clypeus except a dot in each lateral angle, the labrum at the base, the maxillæ except the tips, a spot on the front at the base of the post-clypeus, and the genæ below a line passing just dorsad of the antennæ. Palpi black except at the joints. Ocelli black.

Body.—Prothorax yellowish, with five black tubercles in a line above the base of the leg. Tubercles simple. Meso- and metathorax white