

patches of black bristles ; apices of femora and tibiae swollen. A band of lighter scales running along the under surfaces of all the legs (especially marked on the mid legs) to the tips. A yellow spot at the apex of hind tibiae. Knee spots not defined. Ungues equal and simple. Wings, the apical portions of the first four long veins densely scaled with broad fan-shaped scales. The two median rows of broad scales are represented by narrow elongated ones on the bases of the second and third, first part of the base of the fourth and upper arm of the fifth. The remainder of the base of the fourth and the lower arm of the fifth have long scales on one side only. The base of the fifth has broad scales only throughout its length. On the sixth long vein the scales are all slender and elongated. First submarginal cell as wide as but much longer than the second posterior, about four times as long as the stem ; second posterior with the stem about half length of the cell. Posterior cross vein about twice its own length distant from the mid cross vein. Halteres with pale stems and knobs, the latter mottled with dark areas. Length, 2.5 mm.

♂.—Palpi black, copiously speckled with yellowish scales, slender, larger than the proboscis, the tip of the latter reaching to the middle of the penultimate joint ; long hairs along the sides and under surfaces of the first two joints and apex of the antepenultimate joint. Both terminal joints and apex of antepenultimate joint slightly swollen. Abdomen black, with scattered dull white scales : these form an ill-defined band down the centre of the abdomen, lateral patches of silvery scales on the fifth, sixth and seventh segments. Legs black, conspicuous lines of lighter scales on the under surfaces of all the legs. Ungues of the fore and mid tarsi unequal and uniserrate ; larger with one long median blunt tooth, smaller with a small basal tooth. Ungues of the hind tarsus equal and simple. Length, 2.5 mm.

The following points were noted in the adult LARVA : Fully grown larva about $\frac{1}{8}$ inch long, with relatively large head and thorax. Antennae large and prominent, larger than the head, slightly curved in lower third, somewhat swollen in the basal half, only moderately infuscated, rather more so above the lateral tuft and at the extreme base. Tuft a little above the middle, of about twelve fine flattened hairs measuring about three-quarters length of the antennal shaft. Apex with four large deeply infuscated spines, the two longest about half the length of shaft. Surface covered with many fine chitinous spines, especially along the outer aspect. Mentum small, with about fifteen teeth, apical tooth prominent. Upper