

band on the ultimate and penultimate joints, the antepenultimate is distally white, then a broad yellow band occupying most of the joint, a narrow basal brown band, and the remainder of the palpi heavily scaled by brown with some intermixture of yellow scales. Proboscis light, base heavily brown scaled, then a mottled portion extending to the distal third, which is covered with light yellow scales, except a narrow brown band at its extremity, labella light orange; clypeus testaceous; eyes brown.

Thorax: prothoracic lobes testaceous, covered with light and brown flat spatulate scales; mesonotum light and delicate, with two small submedian or laterad brown spots (not scaled) about one-third the length of the mesonotum from the head, sometimes another pair just cephalad-laterad to these, a suggestion of a brown median line, the whole (except spots) covered with white slender hair like curved scales, a few small flat curved or spatulate scales scattered throughout, more noticeable laterad, especially cephalad of the wing joint, and at the nape growing into a tuft of long flat curved spatulate scales, a dark median spot in front of the scutellum; scutellum dark in the middle, side light, brown bristles; pleura light, with some brown lines; metanotum light, with median brown stripe.

Abdomen light or dirty gray, sparsely covered with long flat spatulate white or yellow scales and white or light yellow bristles, heavy lateral tufts of long brown broadly truncate scales on most (6) of the segments, the last segment more heavily white scaled.

Legs: coxæ light, sparsely covered with long spatulate white scales, and white bristles; trochanters light, mostly brown scaled; femora of the fore legs somewhat thickened at the base, in all legs covered with irregular bands or spots of brown and white, and have a very narrow white apical band; tibiæ mottled in the same way, first tarsal (metatarsi) joint also mottled, and has narrow apical light bands more marked on the hind legs; remainder of tarsal joints on fore and mid legs more or less distinctly mottled and having narrow apical light bands; on the hind legs the second tarsal has a broad apical white band, the third broad apical and basal white bands; the fourth and fifth marked in the same way; ungues simple and equal.

Wings light, and mostly light scaled, on the costa are two tiny basal dark spots, four large brown spots, and a tiny brown spot between the two more proximal larger spots; all of which extend on the first long vein, and an analogous intermediate spot on the first long vein. Wing-field somewhat spotted, but mostly light scaled; a dark spot on each fork