

the transverse furrow ; in front of each of these latter stripes, near anterior margin, a fuscous spot. Lateral carinae luteous. Below luteous, on either side, next carinae, a dark fuscous streak, extending nearly as far forward as the dorsal transverse furrow.

Mesonotum luteous, with anterior, posterior and lateral lobes very strongly elevated ; anterior lobe with a broad, dark fuscous stripe each side near middle line ; anteriorly each of these stripes extends outward, then backward along the furrow, separating anterior and lateral lobes, thus forming an inverted U-shaped marking ; each lateral lobe has an elongate spot near middorsal line, and on the outer side of this an inverted "U," the ends of which nearly meet ; posterior lobe with a longitudinal dark fuscous stripe each side and a rather faint median one (sometimes wanting), the posterior margin with a dark dot medially ; posterior angles each marked by two longitudinal, dark fuscous stripes ; a few fuscous dots at place of attachment of anterior wings. Sides and beneath luteous, marked with fuscous.

Metanotum luteous ; the lobes distinctly elevated, but less so than those of mesonotum : anterior lobe with a U-shaped, dark fuscous marking ; lateral lobes marked similarly to those of mesonotum ; posterior lobe with an inverted, heart-shaped, dark fuscous spot ; posterior angles fuscous, margined with luteous. Sides and beneath luteous, marked with fuscous.

Abdomen shorter than wings, luteous, a longitudinal median dark fuscous stripe above, narrowed or interrupted at articulations ; a similar stripe bounds the dorsum each side ; beneath luteous, a fuscous line each side and a good-sized fuscous spot in the middle of all but the basal segments.

Tip of abdomen luteous, above with long dark hairs ; superior part split, a transverse row of black spines at base ; inferior part beset with black spines ; below, two small cylindrical or slightly clavate luteous appendages, twice as long as broad and armed with dark spines or bristles, project from apex of last segment.

Legs of moderate length, luteous ; armed with some long, and numerous short, black and pale spines ; somewhat hairy. Tibial spurs as long or slightly longer than first tarsal joint, somewhat curved, rufo-piceous. Tarsal joints sometimes rufo-piceous at their apices, third and fourth especially so ; claws somewhat more than half the length of last tarsal joint, moderately curved, rufo-piceous.