

a distinct fringe, at the ventral edge of each gastric segment. Eyes with a number of short and extremely fine erect hairs. Mandibles with numerous, coarse, erect or semi-erect hairs. Pubescence abundant and fully appressed on the rear half of the head, semierect on the anterior half and on the gula. Pubescence on the thorax and the petiolar nodes much more dilute than on the head. Pubescence extremely dilute on the dorsum of the gaster but more abundant on its sides and ventral surface. Antennae and tarsi with abundant, short, appressed or semierect hairs which grade into pubescence. Femora and tibiae with less abundant pubescence than the tarsi.

Color: thorax, gaster, legs and antennae dirty yellowish brown. The scutum and the head a darker, more piceous brown. Mandibles dingy yellow. Wings pale, yellowish brown, the veins and stigma darker.

Worker: head (mandibles excluded) 1.15 mm.; thorax 1.5 mm.; overall length 5-6 mm.

Upper surface of the head covered with circular punctures, as in the female, but with the coriaceous sculpture between the punctures much less pronounced, particularly on the rear half of the head. This gives the surface a slightly more shining appearance than in the female. Mandibles much smoother than those of the female, the piligerous punctures notably smaller and, for the most part, circular or nearly so. Punctures on the thoracic dorsum obscured by the even, coriaceous sculpture. This sculpture is also present on the sides of the thorax. Both dorsum and sides of the thorax feebly shining. Sculpture of the petiolar nodes and the gaster the same as in the female. Fore femora much less laterally compressed than in the female, not greatly different in shape from the middle and hind femora. The fine, coriaceous sculpture on the appendages more distinct than in the female, often obscuring the punctures, hence the legs are less shining than in the female.

Pilosity on the head very similar to that of the female. Erect hairs on the thoracic dorsum, when present, sparse and confined to the pronotum and mesonotum. A few erect hairs are present on the petiole, the postpetiole and the dorsum of each gastric segment, especially the last. Pube-