

stigmata prominent. Epinotum narrowed behind, rounded in profile. Petiole with a short peduncle, seen from above gradually broadening posteriorly, fully three times as long as broad, distinctly marginate along the sides above, so that the segment is triangular in cross-section. In profile the node rises very gradually and evenly from a slightly concave or flattened surface, and falls more abruptly behind where the dorsal surface is somewhat concave. Ventral surface with a small tooth near its anterior edge. Postpetiole from above pyriform, more than twice as broad as the petiole and more than three times as broad behind as in front, slightly constricted at its insertion into the gaster. Gaster slender, gradually tapering posteriorly. Femora somewhat incrassated.

Body shining, covered with very fine punctures, which are most distinct on the head and thorax.

Pilosity consisting of a very few scattered erect yellow hairs; pubescence white, very delicate, sparse, and inconspicuous.

Reddish yellow. Mandibles and clypeus whitish; eyes, teeth of mandibles, a large spot on either side at the base of the first gastric segment, and a minute spot at each ocellus black.

*Female.* — Length, 5.5–7 mm.

Very closely resembling the worker. The sides of the head are nearly parallel and the posterior corners are more prominent. Wings colorless, with very pale yellowish veins and black stigma. There is a small black spot above the insertion of the fore wing, and the tips of the hind femora are more or less infuscated.

*Male.* — Length, 3.5–6.5 mm.

Head elliptical, excluding the mandibles, longer than broad, contracted and rounded behind; cheeks very short, eyes and ocelli large. Mandibles well developed, with denticulate blades. Clypeus slightly convex, with a small, angularly projecting median lobe. Antennæ long, first funicular joint distinctly longer than broad, second joint three times as long as broad, fully as long as the scape; joints 3–10 subequal, twice as long as broad, terminal  $1\frac{1}{2}$  times as long as the preceding joint. Prothorax small, with concave sides; mesonotum broad, without Mayrian furrows; epinotum rather low and rounded. Petiole long and slender, laterally compressed but not marginate, ventral surface with a small tooth in front; peduncle long and slender, passing gradually into the wider posterior portion and low node, the anterior surface of which is flat and rises very gradually, while the posterior slope is more abrupt and slightly concave behind. Postpetiole somewhat shorter than the petiole, but twice as broad behind; its upper surface is flattened, its ventral surface more convex. Gaster enlarging and bent downwards towards the tip, with slender penicilli and prominent rounded external genital appendages. Legs rather slender, femora somewhat thickened.

Body subopaque, more shining on the dorsal surface of the head and thorax, which are very finely reticulate-punctate.

Pilosity and pubescence white, the former shorter, the latter longer and more abundant than in the worker, so that the surface of the body and appendages has a hoary appearance.

Dark brown or blackish. Mandibles, anterior half of head above and below, genitalia, sutures of thorax, and posterior margins of all the abdominal segments,