

Color: Reddish brown, appendages and gaster somewhat lighter (some individuals are dark brown, approaching black).

MINOR: Length, 2.42 mm.; head length (excluding mandibles), 0.5 mm.; head width, 0.46 mm.; head index, 0.92; thorax length, 0.5 mm.

Head a little longer than broad, occipital border feebly concave, clypeal border straight, clypeus ecarinate, frontal area depressed, frontal carinae straight to faintly divergent. Antennal scapes like those of the major, except they reach almost to the occipital corners. Eyes with about 50 facets.

Thorax moderately convex and sharply depressed at the meso-epinotal suture. Epinotal spines stout, sharp, and pointed upward. Petiole with long anterior peduncle, and postpetiole lacks connules; in general similar to the corresponding segments in the worker major.

Sculpture: Head smooth and shining except for a few striae on the sides of the frons associated with the frontal carinae, and a few rugules with weak interrugal punctures on the genae between the eyes and the mandibles. Pronotum and propleurae for the most part smooth and shining, rest of thorax, petiole, and sides of postpetiole punctate, opaque. Dorsum of postpetiole and gaster shining.

Pilosity: Similar to that of the worker major.

Color: Like that of the major.

FEMALE: Length, 4.67 mm.; head length (excluding mandibles), 0.87 mm.; head width, 0.92 mm.; head index, 1.06; thorax length, 1.42 mm.

Head broader than long, occipital border almost flat, sides straight. Clypeus ecarinate, anterior border weakly sinuate. Frontal area small, depressed and pear-shaped. Frontal carinae small and slightly divergent. Antennae like those of the soldier; scapes reaching  $\frac{3}{4}$  of the distance from their insertions to the occipital corners. Eyes large, convex, and composed of 180 or more facets; placed in front of the middle of the head. Ocelli large and prominent.

Thorax flat dorsally, as wide as the head through the wing insertions, and tapering posteriorly to the epinotum. Scutum, scutellum, metanotum, and epinotum all separated by well-marked sutures. Epinotal base slightly shorter than the declivity, and both joined by a depressed trough with no angle. Epinotal spines stout, blunt, and directed upward and backward. Petiole with moderate peduncle, and narrowed but blunt and flat-crested node. Postpetiole transverse, almost 1 and  $\frac{1}{2}$  times as wide as the petiole, and with blunt, subconnular lateral angles.

Sculpture: Entire upper surface of head (except clypeus and frontal area which are shining) furnished with longitudinal rugae which are divergent on the occiput, and which become reticulate on the genae and the occipital corners; opaque. Cephalic punctures coarse; interrugal sculpture weak. Clypeus crossed with fine, longitudinal striae which do not dull the surface. Gula smooth and shining. Mandibles coarsely punctate, shining. Dorsum of thorax smooth and shining except for coarse, deep, scattered, piligerous punctures. Sides of prothorax and epinotum longitudinally rugose, the remainder of thorax smooth and shining. Epinotal base with rugae transverse and also converging toward the bases of the spines. Petiole and postpetiole punctate and weakly shining. Gaster slightly shagreened.