

evenly arched above in profile, epinotum with subequal base and declivity meeting in a rounded, obtuse angle. Petiole high, compressed anteroposteriorly, with feebly convex anterior and flattened posterior surface; border entire, evenly rounded and rather blunt. Gaster of the usual shape. Legs of moderate length; middle and hind tibiae neither compressed nor sulcate, elliptical in cross section.

Entire surface smooth and shining; mandibles coarsely striato-punctate.

Head, thorax, scapes and legs covered with scattered, rather small, but deep punctures; intermingled with these on the cheeks, clypeus, front and vertex, there are large but equally scattered punctures or foveolæ, those on the cheeks being elongated. Gaster very finely, transversely shagreened and with scattered, piligerous punctures. Pubescence apparently lacking.

Hairs white or pale yellow, delicate, abundant, short and erect on the body, longest on the gaster. Antennal scapes and legs with numerous short, erect hairs. Flexor surfaces of middle and hind tibiae with a few short bristles at their distal ends.

Deep black throughout; mandibles, clypeal border and cheeks rarely deep red; tarsi brownish towards their tips; posterior edges of the gastric segments dull brown.

*Worker minor.* Length, 7-9 mm.

Head similar to that of the worker major, but little longer than broad, with less convex sides, short and broadly rounded behind. Eyes feebly convex. Clypeus subcarinate. Antennal scapes extending about one-third their length beyond the posterior corners of the head. Epinotum and petiole like those of the worker major, but basal surface of the former longer in proportion to the length of the declivity.

Sculpture, pilosity and color as in the worker major.

*Female.* Length, 13-15 mm.

Very similar to the worker major. Sides of head less convex. Epinotum with flattened base, shorter than the abrupt, concave declivity. Petiole even more compressed anteroposteriorly than in the worker major, with sharper border, narrowed and feebly excised above. Wings long (15 mm.), strongly tinged with brown; veins and stigma brown.

*Male.* Length, 9-10 mm.

Head, including the eyes, about as broad as long, evenly rounded and broadest behind; cheeks subparallel, slightly concave, about as long as the eyes. Mandibles edentate. Clypeus convex, but scarcely carinate, with broadly rounded, entire anterior border. Ocelli very small. Antennæ long and slender; first funicular joint incrassated distally, a little longer than the second. Thorax robust; epinotum convex, sloping, without distinct basal and declivous surfaces. Petiole thick, rather high, transverse, evenly rounded and blunt, slightly impressed in the middle above. Gaster slender. Legs long, with long tarsal claws and very large empodia.

Surface of body very finely and densely shagreened; mandibles, head, pronotum and mesonotum subopaque, remainder of thorax, gaster and legs shining.

Pilosity similar to that of the worker, but less abundant, absent on the