

parallel, the pronotum and epinotum each forming about a third of the dorsal surface, the remaining third being formed by the mesonotum, scutellum and metanotum; the mesonotum very small, scarcely broader than long. In profile the thorax is flattened above, rounded in front and behind, the base of the epinotum long and straight and passing through a strong curve into the short, vertical declivity. Petiole from above nearly four times as long as broad, but little broader behind than in front, with nearly parallel sides; in profile feebly and evenly convex from before backwards, ventrally compressed and with an elongate blunt tooth near the middle. Postpetiole twice as broad as the petiole, somewhat longer than broad, subtrapezoidal, somewhat broader behind than in front, with convex rounded sides. Gaster long and slender, the first and second segments longer than broad, the first but little broader anteriorly than the postpetiole. Legs short, femora, especially the fore pair, flattened and dilated. Wings very short, scarcely 4 mm. long.

More shining throughout than the worker, the fine punctures being less dense, even on the thorax and gaster.

Hairs and pubescence much sparser than in the worker, the pubescence very dilute; only the base of the first gastric segment somewhat pruinose.

Brownish yellow; mesonotum, scutellum and epinotum sometimes a little darker; a broad spot at the base of the first gastric segment and nearly the whole dorsum of the fourth segment fuscous, or blackish; the middle and hind femora slightly infuscated; a minute spot in front of the insertion of the fore wing, one at each ocellus, and the teeth of mandibles black. Wings grayish hyaline, strongly iridescent, with pale brown veins and dark brown pterostigma.

*Male.* (Fig. 3.) Length 4.6-5 mm.

Head slightly longer than broad, subelliptical, with straight posterior border and behind the eyes with straight sides converging to the posterior corners. Eyes rather convex, about half as long as the head; ocelli large. Cheeks very short. Anterior clypeal border sinuately excised on each side, its middle produced as a distinct, bluntly pointed lobe. Mandibles convex, their apical borders finely and indistinctly denticulate. Frontal carinae short, much more widely separated than in the worker and female.