

front, not produced in the middle, carinate its entire length and with uneven surface. Maxillary palpi rather long. Head, excluding the mandibles, somewhat longer than broad even in the largest workers. Cheeks long, subparallel, occipital border not excised; antennæ like those of the preceding species and *F. rufa*. Mésoëpinotal constriction very distinct, epinotum more rounded than in either of the preceding species, its dorsal and declivous surfaces of about equal length, the former convex, the latter slightly concave in profile. Petiole narrow and thick, with a sharp edge, convex anterior and flattened posterior face; seen from behind, the edge varies from evenly rounded or even somewhat produced upward in the middorsal line to subdepressed or concave. Gaster and legs as usual.

Body, including mandibles and clypeus, opaque, legs faintly lustrous. Frontal area shining.

Entire insect, including appendages, covered with microscopic gray pubescence, densest and most distinct on the gaster. Hairs pale yellow, erect, and, except on the mandibles, distinctly clavate with obtuse tips. These hairs are placed rather far apart on the clypeus, on the front of the head, where they form four longitudinal rows as far back as the ocelli, on the thoracic dorsum, coxæ, border of petiole, and surface of the gaster. On the last they are particularly conspicuous on account of their equidistant arrangement and contrasting color. They are readily rubbed off. A few of these hairs are occasionally present on the lower surface of the head, but entirely absent in most specimens. Anterior border of scape with a row of delicate, suberect, tapering hairs and a row of similar hairs on the flexor surface of each tibia.

Head, thorax, and petiole deep yellowish red, mandibles and clypeus somewhat darker. In small workers, the front, vertex, thoracic dorsum, and petiole are spotted with black. Gaster black, only the anal region yellowish. In the largest workers the legs are red throughout, in intermediates the femora and tibiæ are brownish, in the smallest workers the infuscation extends also to the coxæ. Antennæ red, funiculus more or less infuscated toward the tip.

*Female* (Fig. 3). — Length, 4–4.5 mm. Mandibles 8-toothed; clypeus and head resembling those of the worker; thorax distinctly narrower than the head. Petiole narrow, thick at the base, both its anterior and posterior surfaces alike convex, dorsal border rather sharp; seen from behind variable, in some specimens evenly rounded, in others somewhat produced upward in the middorsal line. Gaster and legs of the usual shape.

Body subopaque, very finely shagreened; gaster and anterior portion of head faintly shining. Mandibles striatopunctate. Frontal area shining.

Whole insect, including the antennæ and legs, covered with delicate white hairs, which are longer and more abundant than in the worker, and nowhere clavate or obtuse. These hairs are conspicuously long