

Article XV.—NEW SPECIES OF FORMICA.

By WILLIAM MORTON WHEELER.

1. *Formica munda* sp. nov.*Worker*. — Length, 5-7 mm.

Allied to *F. pergandei* Emery. Mandibles 8-toothed. Head, excluding mandibles, usually somewhat longer than broad, with straight posterior border and long cheeks converging anteriorly and slightly convex or flattened, but not concave as in *pergandei*. Clypeus carinate, with a rather deep median notch in its anterior border. Antennæ like those of *pergandei*. Thorax rather narrow and low, pro- and mesonotum not very convex, mesoëpinal constriction shallow, epinotum long and low, its basal surface rather flat and somewhat longer than the very sloping declivity into which it passes through a rounded angle. Petiole thick and low, convex in front, flattened behind, with very obtuse upper border. Seen from behind the border is transverse, broadly rounded but passing rather abruptly into the straight sides which converge below. Gaster small; legs slender.

Head and thorax subopaque, very finely shagreened. Mandibles, anterior portion of the head, and especially the frontal area and sides of the clypeus more shining. Mandibles sharply striatopunctate.

Pubescence grayish, very sparse, except on the gaster where, it is long and dense and conceals the shining surface except at the segmental incisures. Hairs on the body white, sparse, suberect and rather long, conspicuous on the upper and lower surfaces of the head, thorax, and gaster. On the gaster they are robust, obtuse, and very regularly distributed. The edge of the petiole is also fringed with hairs, and there is a row of oblique tapering hairs on the flexor surface of each tibia.

Head, thorax, and antennæ red; petiole and gaster black, the former with a reddish tinge. Mandibular teeth black. Lower pleuræ, and in many specimens also the vertex of the head, infuscated. Legs red, coxæ, femora, and tibiæ more or less blackened except at the articulations.

Female (deâlated). — Length, 7.5-8 mm.

Resembling the worker except in the following characters: The hairs are of a yellowish cast, and on the gaster tapering and of the same thickness as on the head and thorax, although they are long and in certain lights conspicuous, especially toward the tip of the body. Pleuræ clouded with fuscous; posterior portion of head, posterior edge of pronotum and anteromedian and parapsidal blotches on mesonotum, fuscous. Metanotum and all except the anterior border of the scutellum, black. Petiole varying from dark red to blackish, of the same shape as in the worker except that in profile the superior border is much more acute in some specimens.

Described from seven females and numerous workers collected in the following localities: Cañon City, Breckenridge, and West Cliff,