

pointed. Maxillary palpi 5-jointed. Head rather short, broad behind the eyes, narrow in the region of the cheeks. Eyes large and prominent. Clypeus distinctly carinate anteriorly, its border somewhat reflected. Antennæ slender. Thorax broader than the head, rather robust, mesonotum conspicuously flattened just in front of the scutellum. Petiole very thick with obtuse and broadly rounded upper surface. Genitalia rather slender.

Subopaque; frontal area, anteromedian suture of mesonotum, parapsidal furrows, paraptera and upper surface of gaster, smooth and shining. Mandibles coarsely punctate near the tips, finely striated toward the base.

Body and appendages clothed with microscopic grayish pubescence, which is sparse and visible only in certain lights. Hairs covering the body and appendages delicate, sparse, suberect, of an indistinct grayish color. Eyes naked.

Deep black; legs and genitalia dirty yellow; coxæ, femora, tibiæ, and terminal tarsal joints more or less infuscated. Wings like those of the female.

Described from many workers and females and a single male. Six colonies of this species were found in different localities about Manitou and Cheyenne Cañon, Colo. (July 10 to 30). In three of these I took the diminutive females in considerable numbers. They varied but little in size and were all normal in structure. When the nests were disturbed, they were as timid as the workers were pugnacious. The nests were all under single stones or clusters of stones, the edges of which were banked with vegetable débris collected by the workers. A single incipient colony, under a small stone in South Cheyenne Cañon, was found to contain about twenty workers, a few worker cocoons, and a gynandromorph, which had a female head, male gaster, and the thorax and petiole male on one side and female on the other.

I have also found the following distinct variety of the above species:

***Formica microgyna* var. *rasilis* var. nov.**

All three sexual phases averaging somewhat larger than the typical form (worker: 4-6.5 mm.; female, 5-5.5 mm.; male, 6-6.5 mm.). The worker and female have the antennal scape, lower surface, and posterior corners of head, and the legs, excepting for the row of hairs on the flexor surfaces of the tibiæ, entirely naked. Hairs on the clypeus, thorax, and petiole much less numerous. Frontal area opaque.