

**Pilosity:** Like that of the major; pubescence limited to the legs and antennae.

**Color:** Similar to that of the major.

**MALE:** Length, 3.82 mm.; head length, 0.54 mm.; head width (including eyes), 0.67 mm.; head index, 1.24; thorax length, 1.33 mm.

Head, as measured through the eyes, much broader than long. Eyes so large they occupy most of the sides of the head, and contribute to the broad, flat, anterior margin of the head, the mandibles (when closed) and the clypeus hardly projecting. Sides of head behind the eyes converging rapidly to the occiput, which is almost flat. Vertex surmounted by prominent ocelli. Antennae 13-segmented; scape short, about equal in length to the first two funicular segments. Second funicular segment globular. Mandibles with two, weak, blunt denticles.

Thorax broader than the head, promesonotum flat, scutellum raised slightly. Mayrian furrows feeble. Epinotal base and declivity subequal, the former strongly sloping and the two joined by a very obtuse angle. Epinotal spines reduced to very faint tubercles. Petiole slender, peduncle long, node low and merging with the peduncle. Postpetiole trapezoidal, 1 and  $\frac{1}{2}$  times as wide as the petiole.

**Sculpture:** Head longitudinally striate and punctate, somewhat shining on the frons and clypeus where punctures are reduced, the rest opaque; thorax smooth and shining. Pedicel smooth and shining above, sides of both petiole and postpetiole punctate. Gaster smooth and shining.

**Color and pilosity:** As in the other castes, except legs, mandibles, antennae and genitalia are yellow. A male from Naco, Arizona, is slightly larger, darker in color and has more definite epinotal denticles.

Wings transparent, with yellow veins and stigma, one open marginal cell, two submarginal cells and one discoidal cell. Cerci small and knobbed; stipites small, rounded and mesially curved into blunt hooks.

**Holotype:** Major

**Paratypes:** 18 majors, 145 minors and 3 deälate females.

The type material comprises two colonies collected by Miss Mina Winslow at Harding's ranch near Tucson, Arizona, on February 25, 1920.

Additional specimens which are referable to this species were collected at the following localities:

Greaterville, Arizona, 5300 feet, July 7, 1950, W. S. Creighton (17 majors, 24 minors, 1 male); Ft. Huachuca and desert near Ft. Huachuca, Arizona, 5000 feet, August 26, 1932, W. S. Creighton, (10 majors, 29 workers); Brown Canyon, Baboquivari Mts., Arizona, 4000 feet, September 16, 1951, W. S. Creighton (4 majors, eight minors); 7 miles east of Aguila, Arizona, 2200 feet, April 6, 1952, W. S. Creighton (2 colonies, 35 majors,