

p. 359) on MacCook's authority, probably refers to the subspecies *mojave* (*vide infra*). During November 1910 I found a single colony of *horti-deorum* in Miller Canyon, Huachuca Mts., Arizona, at an altitude of about 5,600 ft., and Mr. A. O. Garrett has taken it at Garfield, Utah, near the southern end of Great Salt Lake. This is the most northern point at which any of our *Myrmecocysti* have been taken.

*M. mexicanus navajo* Wheeler.

The types of this subspecies which is easily distinguished by its small size, the much greater convexity of the base of the epinotum and the erect hairs only on the anterior surfaces of the antennal scapes, are from Albuquerque, New Mexico. I have recently received a number of workers, which agree in all respects with the types, from Kennedy in the same state (W. D. Hunter).

*M. mexicanus mojave* Wheeler.

The discovery of the males and females by Mr. P. Leonard at Point Loma, Cala., shows that this subspecies is very clearly marked. It was found some years ago at Pasadena, Cala., by Mrs. Elizabeth Grinnell, who kindly permits me to publish a photograph which she took of a number of living repletes (Fig. 1). Winged females have been taken by Mr. C. F. Baker at Claremont, Cala., and during December, 1910, I found numerous colonies containing workers and males, on the grounds of Pomona College in the same locality. As my original account of the worker is very brief I give a somewhat more explicit description in connection with that of the other unpublished phases.

*Worker.* Length 4.5–5 mm.

Head only slightly longer than broad, subrectangular, but little narrower in front than behind, with rather straight sides. Mandibles short and rather convex. Eyes large and convex, more than half as long as the cheeks. Mesonotum and neck of pronotum distinctly shorter than in the other forms of *mexicanus*, the pronotum being as broad as long. Base of epinotum more convex than in *mexicanus* and *horti-deorum* but less convex than in *navajo*. Border of petiole somewhat less blunt than in the other forms, its border sometimes impressed or feebly excised in the middle.

Body a little more opaque and pubescence and pilosity somewhat more abundant than in *horti-deorum*; coloration, especially of the gaster, more sordid or brownish yellow. In some specimens the gaster is uniformly brown. Head reddish behind; antennæ, palpi and legs pale or whitish yellow.