

similar to that of worker (see above). Mandibles with spinules on the anterior surface longer.

Material studied: numerous larvae from San Paulo, Brazil, courtesy of K. Lenko.

Pheidole hyatti Emery

WORKER LARVA: Length (through spiracles) about 2.5 mm. Very similar to *Ph. dentata* (1953: 71) except in the following details. Integument of ventral surface of the anterior somites and dorsal surface of posterior somites sparsely spinulose. Body hairs of slightly different lengths: (1) 0.025-0.087 mm long; (2) 0.062-0.137 mm long; (3) about 0.275 mm long. Head broader dorsally. Antennae sometimes with four sensilla. Anterior surface of labrum with four sensilla on and near the ventral border. Maxillae without spinules; each labial palp taller and with four apical and one lateral sensilla.

SEXUAL LARVA: Length (through spiracles) about 6.1 mm. Similar to *Ph. dentata* male (1953: 73). Entire integument spinulose, the spinules minute and in short transverse rows. No body hairs seen. Head small; transversely subelliptical; head hairs minute (0.008-0.012 mm long), simple.

IMMATURE SEXUAL LARVA. Length (through spiracles) about 3.1 mm. Body sac-like (see *Ph. dentata* 1953: 73). Similar to the worker except as follows. No spinules on integument. Body hairs very few, mostly on the pronotum, 0.012-0.05 mm long, very fine, simple. Head hairs 0.012-0.05 mm long, simple.

Material studied: numerous larvae from California, G. C. and J. Wheeler #389 and #693.

Pheidole micula Wheeler

Length (through spiracles) about 2.4 mm. Very similar to *Ph. dentata* (1953: 71) except in the following details. Integument with spinules on the ventral surface of the anterior somites and the dorsal surface of the posterior somites. Head hairs shorter (0.008-0.016 mm long). Anterior surface of each lobe of labrum with two minute hairs and/or sensilla, ventral border of each lobe with one isolated and two contiguous sensilla. (Material studied: 15 larvae from California, G. C. and J. Wheeler #374.)

Pheidole moerens Wheeler

Length (through spiracles) about 1.4 mm. Very similar to *Ph. dentata* (1953: 71) except in the following minor details. Body hairs: (1) 0.025-0.083 mm long, with short-bifid tip, generally distributed; (2) 0.025-0.075 mm long, deeply bifid, generally distributed; (3) about 0.225 mm long, anchor-tipped, a pair each on AI-V. Head hairs 0.025-0.037 mm long, with the tip simple to four-branched. Labrum with two sensilla on anterior surface of each lobe. Maxillae without spinules. (Material studied: numerous larvae from Puerto Rico, courtesy of R. J. Lavigne.)

KEY TO THE MATURE WORKER LARVAE
IN OUR COLLECTION

- 1a. Profile pheidoliform (C3, 1960b: 106) 2
 1b. Profile myrmiciform (D4, 1960b: 106) 3
 1c. Profile aphaenogastriform (D4, 1960b: 106) 6