

spinules. Each maxillary palp smaller; each galea represented by two contiguous sensilla. Labium with minute spinules. Hypopharynx minutely spinulose. Otherwise similar to mature larva.

Material studied: numerous larvae from New South Wales, courtesy of Rev. B. B. Lowery.

Genus PHEIDOLE Westwood

Brown and Taylor 1970: 954—Figure of a larva in side view.

Pheidole brevicornis Mayr (Fig. 10)

Length (through spiracles) about 2.3 mm. Similar to *Pheidole dentata* Mayr (1953: 71) except in the following details. Anchor-tipped hairs about 0.32 mm long, with only two on each somite. Anterior and ventral surfaces of labrum with short rows of minute spinules. Mandibles with blunt teeth; apical tooth curved medially, subapical tooth anterior to apical tooth and directed ventrally, basal tooth curved medially and posteriorly; a few coarse spinules posterior to subapical and basal teeth. Each maxillary palp and galea subcylindrical. (Material studied: numerous larvae from New South Wales, courtesy of Rev. B. B. Lowery.)

Pheidole californica Mayr

Length (through spiracles) about 2.1 mm. Very similar to *Ph. dentata* (1953: 71) except in the following details. Body hairs sparse; of two types: (1) 0.025-0.1 mm long, with short-to long-bifid tip, on all somites; (2) anchor-tipped, about 0.2 mm long, two each on dorsa of AI-V. Head hairs 0.03-0.045 mm long. Each lobe of labrum with two or three minute hairs and/or sensilla; ventral border with only one sensillum and numerous spinules. (Material studied: eight larvae from Nevada, G. C. and J. Wheeler #187.)

Pheidole guilelmimuelleri Forel

WORKER LARVA. Length (through spiracles) about 3.6 mm. Thoracic and AI spiracles larger than the remainder. Similar to *Ph. dentata* (1953: 71) except in the following details. Body hairs longer: (1) 0.05-0.125 mm long; (2) about 0.1 mm long; (3) about 0.45 mm long. Ventral border of labrum with spinules in short rows medially; posterior surface with the spinules in short rows arranged concentrically around the ventral notch, dorsally the rows become transverse. Each maxillary palp digitiform (taller than the galea) with one apical (encapsulated), three subapical and one lateral sensilla.

QUEEN LARVA. Length (through spiracles) about 4.7 mm. Body shape similar to that of *Ph. dentata* male larva (1953: 73). Otherwise similar to worker larva except as follows. Head hairs 0.05-0.075 mm long, simple or with short-bifid tip. Each mandible with the anterior spinules smaller and not so numerous. Maxillae without spinules; each palp chair-shaped with four apical and one lateral sensilla; each galea a frustum with two apical sensilla.

MALE LARVA. Length (through spiracles) about 3.6 mm. Body shaped similar to soldier of *Ph. dentata* (1953: 72) otherwise similar to worker except in the following details. Body hairs longer: (1) 0.05-0.12 mm long; (2) about 0.125 mm long; (3) about 0.45 mm long. Head hairs 0.03-0.056 mm long. Labrum