

Tribe Brachymyrmecini
Genus APHOMOMYRMEX Emery

Profile pheidoloid but with narrowly rounded posterior end. Praesaepium lacking. Body hairs sparse. Of 2 types: (1) unbranched, smooth, with long flexuous tip; (2) short, unbranched, smooth with frayed tip. Labrum deeply bilobed; without chilo-scleres. Mandible camponotoid but with the apical tooth long, slender and heavily sclerotized.

Aphomomyrmex afer Emery

Figs. 1-4

Description. MATURE WORKER LARVA. Length (through spiracles) about 2.6 mm. Profile pheidoloid but with narrowly rounded posterior end. Anus ventral. Spiracles small, decreasing slightly in diameter posteriorly. Body hairs sparse, uniformly distributed. Of 2 types: (1) 0.019-0.063 mm long, unbranched, smooth, with a long flexuous tip, on all somites; (2) about 0.025 mm long, few, with frayed tip, on AVIII-AX. Cranium transversely subelliptical, slightly wider than long. Antennae above midlength of cranium, each with 2 small sensilla. Head hairs few (about 30); 0.05-0.1 mm long, unbranched, smooth, widely scattered. Labrum large, nearly twice as broad as long, narrowed ventrally, deeply bilobed; anterior surface of each lobe with 2 or 3 short hairs and 1 or 2 sensilla; ventral surface spinulose, the spinules minute and in short rows; posterior surface densely spinulose, the spinules minute and in numerous rows radiating from dorsolateral angles and with 4-6 sensilla ventrally. Mandible large; camponotoid but with long slender heavily sclerotized apical tooth; anterior and posterior surfaces with a few longitudinal ridges which terminate on medial border in small projections making medial border erose. Maxilla with apex paraboloidal and with a few minute spinules in arcuate rows; palp a short peg with 5 (4 apical and 1 lateral) sensilla; galea digitiform with 2 apical sensilla. Labium with arcuate rows of minute spinules; palp a short peg with 5 (1 with a large capsule) apical sensilla; an isolated sensillum between each palp and the opening of the sericteries, the latter a short transverse slit. Hypopharynx spinulose, the spinules minute and in numerous short transverse rows.

YOUNG WORKER LARVA. Length (through spiracles) about 2 mm. Thorax curved ventrally, abdomen straight and with a round-pointed posterior end; diameter nearly uniform throughout. Body hairs sparse; 0.024-0.125 mm long, unbranched, smooth, very slender and flexuous, a few on each somite. Head large; cranium subhexagonal, about as broad as long. Antennae small. Head hairs 0.038-0.075 mm

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Figs. 1-4. *Aphomomyrmex afer*. 1. Mature worker larva. a, Head in anterior view, $\times 132$; b, left mandible in anterior view, $\times 278$; c, body hairs, $\times 400$; d, larva in side view, $\times 22$. 2. Young worker larva. a, Left mandible in anterior view, $\times 278$; b, head in anterior view, $\times 132$; c, larva in side view, $\times 22$. 3. Mature sexual larva. a, Left mandible in anterior view, $\times 278$; b, head in anterior view, $\times 132$; c, body hairs, $\times 400$; d, larva in side view, $\times 22$; e, spiracle in surface view (upper) and in optical section (lower), $\times 834$. 4. Young larvae. a, Very young sexual larva, $\times 22$; b, type 2 body hair, $\times 400$; c, young sexual larva, $\times 22$.