

FORELIUS Emery

ADDITION to our generic characterization (1966: 729): A mid-dorsal boss on AII.

FORELIUS FOETIDUS (Buckley)

(Fig. 1)

MATURE LARVA: Length (through spiracles) about 2.3 mm; straight length about 1.6 mm. Plump, chunky and turgid; dorsal profile long and C-shaped; ventral profile feebly sigmoid; a low middorsal boss on AII; both ends broadly rounded; head and anus ventral. Leg, wing and gonopod vestiges present. Spiracles small; diameter of AI greatest, diminishing posteriorly. Entire integument spinulose, spinules minute and isolated or in short transverse rows. Body hairs very few, minute (0.007–0.013 mm long), simple, most numerous on venter of T1. Cranium subhexagonal, with a depressed transverse dorsal band. Antennae large, slightly raised, each with 3 sensilla, each bearing a spinule. Head hairs few, simple and minute (about 0.013 mm long). Labrum short, broad, feebly bilobed: each lobe with 2 sensilla on anterior surface and 2 on posterior surface; entire posterior surface sparsely spinulose, spinules minute and isolated or in short transverse rows. Mandibles very feebly sclerotized, subtriangular in anterior view, base broad, apex sharp-pointed. Maxillae appearing adnate, with apex rather broadly round-pointed; palp a cluster of 5 sensilla; galea represented by 2 sensilla. Labium with ventral border paraboloidal, a few minute spinules near opening of sericteries; palp a slightly elevated cluster of 5 sensilla; an isolated sensillum between each palp and opening of sericteries, the latter a short transverse slit. Hypopharynx densely spinulose, spinules in rows, rows grouped in 2 subtriangles which have their bases near middle.

YOUNG LARVA: Length (through spiracles) about 1.7 mm. Similar to mature larva except as follows. Body more slender; segmentation more distinct. Diameter of spiracles on AI much greater than remainder which are minute. Body hairs about 0.001 mm long.

VERY YOUNG LARVA: Length (through spiracles) about 0.9 mm. Similar to young larva except as follows. Body much more slender; head nearly diameter of body and on anterior end; 10 distinct somites; boss on dorsum of AII very distinct; posterior end narrowly rounded. Anus ventral and with a distinct posterior lip. Body hairs shorter (about 0.008 mm).

Material studied: numerous larvae from Arizona, Organpipe Cactus National Monument, 1600 ft, 10-IV-1968, G. C. and J. Wheeler collection # 108.

LITERATURE CITED

- WHEELER, G. C., AND J. WHEELER. 1951. The ant larvae of the subfamily Dolichoderinae. *Proc. Entomol. Soc. Wash.*, 53: 169–210.
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