

In the male the mandibles are very short and have rounded points; the fore wings have few veins or more commonly none at all; the hind wings are veinless; the genitalia are non-retractile. The larva differs in the constriction of the body at the first abdominal segment; the absence of hairs on the head; and the presence of long hairs on the abdomen, especially the extremely long pair at the posterior end. But these differences become trivial and insignificant beside three characteristics which not only separate it from doryline larvæ but render it unique among all the known ant larvæ, namely, the plowshare-like structure projecting from ventral side of the prothorax, a "tympanum" on either side of the fourth abdominal segment, and the toothed flaps at either side of the labrum.

We offer the following as a formal definition of the subfamily:

Subfamily *Leptanillinæ* (W. M. Wheeler) (1910)

♂ Hypogæic, monomorphic, minute. Clypeus with a straight border, sometimes with two lobes prolonged between frontal carinæ, which are short. No carinæ on cheeks. Mandibles straight and toothed. Maxillary and labial palpi each with one segment. Eyes absent. Antennæ 12-jointed, inserted farther apart than in the Dorylinæ and having a filiform funiculus. Promesonotal suture marked, other dorsal sutures completely absent. Epinotum unarmed. Tibiæ with a pectinate spur. Claws simple. Petiole of two segments, both nodiform and of almost the same size. Gaster elongate, oval. Pygidium simple.

♀ Head and thorax like that of the worker. The suture behind the anterior legs fading out dorsally. Wingless. Postpetiole not separated from the following segment by a constriction. Gaster long; cloaca open leaving the sting exposed. Hypopygium longer than the pygidium, with two lateral lobes bent back dorsally.

♂ Head large, more or less rectangular. Clypeus and frontal carinæ somewhat as in worker or indistinct. Mandibles very short, small, rounded, and toothless. Maxillary and labial palpi prominent, one-jointed. Eyes conspicuous, hairy. Antennæ 13-segmented. Scape nearly or quite as long as the next two segments together. Funiculus filiform,