

ANT LARVAE OF THE SUBFAMILY FORMICINAE:
THIRD SUPPLEMENT

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ABSTRACT

The authors' second supplement on ant larvae of the subfamily Formicinae was published in 1970. This supplement contains descriptions of 11 additional species in the genera *Camponotus*, *Polyrhachis* and *Stigmacros*. References to the literature on formicine larvae are cited.

Key Words: Immatures, taxonomy, Camponotus, Polyrhachis, Stigmacros.

Subsequent to the publication of our second supplement on the ant larvae of the subfamily Formicinae (1970) we have received from other myrmecologists so much additional material that it has become necessary to publish another supplement.

Genus *LASIUS* Fabricius

Donisthorpe (1927: 29) reported that the staphylinid beetle *Homoeusa acuminata* Kr. devoured the larvae of *L.* spp. (according to Silvestri).

Genus *MYRMECOCYSTUS* Wesmael

Myrmecocystus mexicanus Wesmael. Leonard (1911: 95). "The nurse holds the egg in her jaws and squeezes it into the mouth of the helpless baby, who shows great eagerness to be fed. After the larva has got what it can, the nurse cleans out the shell, and regurgitates the remnant into the larva's mouth. Frequently the nurse sticks an egg to the back of a larva's neck, so as to have it ready for the next feeding time. . . . It is quite common to find dead insects . . . lying among the larvae. Sometimes the larger larvae remain for a long time with their heads thrust into the thoraces of dead flies, devouring the muscular tissue." (Repeated Mallis 1941: 81).

Myrmecocystus testaceus Emery (= *M. mexicanus mojave* W. M. Wheeler). Leonard (1911: 91) described the larvae as "white, semitranslucent grubs, which resemble a crook-necked squash in general form."

Genus *FORMICA* Linnaeus

Hölldobler (1971) has retold the old story of the myrmecophilous clavigerid beetle *Atemeles* and published a photograph of a larva feeding on a *Formica* larva.

Formica sanguinea Latreille. Donisthorpe (1927: 28) saw a staphylinid beetle (*Dinarda dentata* Gr.) devour the larva of this ant.

Formica subpolita Mayr. Cazier and Statham (1962: 126) reported that an adult scarabaeid beetle *Cremastocheilus armatus* Walker had been found feeding on a larva of this ant.

Genus *OECOPHYLLA* F. Smith

Oecophylla longinoda (Latreille). Ledoux (1950): mature queen larvae are white, sac-like and have a mobile head marked off from the