

The data (Table 1) show that both traps captured males and might be useful for studying peachtree borer populations. The electric trap maintains its effectiveness and requires minimal servicing, but is relatively expensive; whereas, the sticky trap gradually clogs and requires regular servicing, but is inexpensive.

#### LITERATURE CITED

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### ANT LARVAE OF THE SUBFAMILY MYRMICINAE: SECOND SUPPLEMENT ON THE TRIBES MYRMICINI AND PHEIDOLINI

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#### ABSTRACT

The authors' first supplement on ant larvae of the subfamily Myrmicinae was published in 1960. The present supplement deals with the tribes Myrmicini and Pheidolini only and contains descriptions of the larvae of 24 additional species in the genera *Aphaenogaster*, *Machomyrma*, *Manica*, *Myrmica*, *Novomessor*, *Pheidole*, *Pogonomyrmex*, *Stenamma* and *Veromessor*. The genus *Machomyrma* is characterized here for the first time. A key to the genera is included.

Key Words: Immatures, taxonomy, *Aphaenogaster*, *Machomyrma*, *Manica*, *Myrmica*, *Novomessor*, *Pheidole*, *Pogonomyrmex*, *Stenamma*, *Veromessor*.

Subsequent to the publication of our first supplement (1960a)<sup>1</sup> for the larvae of the subfamily Myrmicinae we have collected or received from other myrmecologists so much additional material that it has become necessary to publish another supplement.

#### TRIBE MYRMICINI Genus MYRMICA Latreille *Myrmica emeryana* Forel

ADDITION to description of labium (1952: 115). An isolated sensillum between each palp and the opening of the sericteries.

#### *Myrmica rubra* (Linnaeus)

Brian 1950-1967 —Numerous papers treating of the care of brood, of the interrelations between adults and brood and of caste determination. We have not

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<sup>1</sup>To save space we refer to our previous descriptions by date only. The complete references are to be found in the Literature Cited.

*Pogonomyrmex salinus* Olsen

Length (through spiracles) about 6.5 mm. Body and head shape similar to *P. barbatus* (F. Smith) (1952: 107). Otherwise similar to *P. occidentalis* (Cresson) (1952: 110) except as follows. Body hairs (1) 0.02-0.09 mm long; (2) 0.175-0.275 mm long; (3) 0.1-0.25 mm long. Head hairs 0.015-0.115 mm long, varying from long with numerous denticles to short without denticles. Antennae with two or three sensilla each. Labrum with anterior surface of each lobe bearing four or five minute sensilla; posterior surface of each lobe with four isolated and two sets of two contiguous sensilla. Mandibles with the teeth shorter and stouter. Each labial palp with two apical, two subapical and one lateral sensilla; an isolated sensillum between each palp and the opening of the sericteries, the latter a short transverse slit. Material studied: four larvae from Nevada, G. C. and J. Wheeler #543.)

*Pogonomyrmex (Epehebomyrmex) imberbiculus* Wheeler

Length (through spiracles) about 4.1 mm. Similar to *P. occidentalis* (1952: 110) except in the following details. Thorax more ventrally curved and prothorax slender. Integument with spinules in short transverse rows on the ventral surface of the thorax and AI-III and on the dorsal surface of AVI-X. Body hairs of two types: (1) 0.036-0.063 mm long, slender, with minute denticles near the tip, on every somite; (2) 0.027-0.2 mm long, stouter and with more numerous denticles, on the prothorax and AX, and in a ring around the middle of each somite, longest anteriorly. Labial palps with four apical and one lateral sensilla each. Material studied: numerous larvae from Texas, courtesy of Dr. A. C. Cole.)

*Pogonomyrmex (Epehebomyrmex) huachucae* Wheeler

Length (through spiracles) about 5.6 mm. Similar to *P. occidentalis* (1952: 110) except as follows. Type 2 body hairs 0.18-0.25 mm long, with curved shaft and curved flattened tip, on the ventral surface of all somites. Integument and head shape similar to *P. barbatus* (1952: 107). Labrum width three times the length. Mandibles similar to *P. barbatus* except teeth shorter. Galeae and maxillary palps of the same size. Each labial palp with four apical and one lateral sensilla. Hypopharynx as in *P. barbatus*. (Material studied: eight larvae from New Mexico, courtesy of Dr. A. C. Cole.)

*Pogonomyrmex (Epehebomyrmex) naegeli* Forel

Length (through spiracles) about 4.9 mm. Similar to *P. occidentalis* (1952: 110) except in the following details. Head relatively larger and anterior end not so sharply narrowed. Anus terminal. Body hairs fewer: type (3) about 0.18 mm long, with curled tip and a few denticles, a few on the ventral surface of AIII-VI. Posterior surface of each lobe of labrum with eight sensilla. Each mandible with the lateral portion thick, curved medially and ending in a long narrow round-pointed apical tooth, medial blade bearing two large subapical teeth, medial border erose adjacent of the teeth. Hypopharynx with very few minute spinules in short transverse rows. (Material studied: five larvae from Brazil, courtesy of K. Lenko.)

## TRIBE PHEIDOLINI

## Genus STENAMMA Westwood

*Stenamma mami* Wheeler