

SUPPLEMENTARY STUDIES ON ANT LARVAE:
 CERAPACHYINAE, PSEUDOMYRMECINAE
 AND MYRMICINAE*

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Subsequent to the publication of our first supplement on the ant larvae of the subfamily Cerapachyinae (1964), our first paper on Pseudomyrmecinae (1956) and several supplements on Myrmicinae (1960, 1972, 1973) we have received from other myrmecologists so much additional material that it has now become necessary to publish a supplement.

Genus PHYRACACES Emery

REVISION: The last sentence of our generic characterization (1964: 69) should read: Hypopharynx usually spinulose dorsally.

Phyracaces elegans Wheeler (Fig. 2). Length (through spiracles) about 4.7 mm. Very similar to *Ph. larvatus* (1964: 69) except as follows. Body more slender. A pair of bosses on lateral surfaces of venter of AI-AVI. Spiracles small, AI largest, diameter decreasing posteriorly. Integument densely spinulose, spinules in short to long, subtransverse to arcuate rows. Body hairs less numerous and shorter (0.025-0.05 mm long). Head hairs shorter (0.009-0.019 mm long). Posterior surface of labrum with a ventrally directed medial boss bearing 6 sensilla, about 5 sensilla on each lateral surface. Mandibles with narrower base. No spinules seen on hypopharynx.

YOUNG LARVA: Length (through spiracles) about 2.1 mm. Similar to mature larva above except as follows. Neck curved, abdomen with straight ventral profile and C-shaped dorsal profile. Body hairs shorter (0.01-0.033 mm long). Integument spinulose, spinules minute, isolated laterally and in short rows dorsally and ventrally. Antennae less distinct. Maxillae lacking spinules; galea a slightly raised pair of sensilla. No spinules seen on labium; opening of sericteries a short slit.

VERY YOUNG LARVA: Length (through spiracles) about 1.5 mm. Entire body arcuate ventrally. Otherwise similar to young larva.

Material studied: numerous larvae from New South Wales, courtesy of Rev. B. B. Lowery.

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