

mature worker larva except in the following details. Body with ten differentiated somites. Entire integument spinulose, the spinules minute and isolated or in very short rows. Head capsule similar to second instar larva of *A. rudis* (1953: 57). Anterior surface of each lobe of labrum with eight very short hairs and or sensilla. Mandibles with all teeth sharper.

QUEEN LARVA: Length (through spiracles) about 12 mm. Similar to worker larva of *A. rudis* (1953: 56), except in the following details. Head hairs about half as numerous, simple, 0.054-0.14 mm long. Anterior surface of each lobe of labrum with three or four minute hairs but no sensilla.

MALE LARVA: Length (through spiracles) about 6 mm. Similar to worker larva of *A. rudis* (1953: 56) except in the following details. Body hairs all simple, 0.15-0.26 mm long. Integument of posterior somites with minute spinules in short arcuate rows. Head hairs about half as numerous, simple, 0.054-0.14 mm long. Anterior surface of each lobe of the labrum with 9-10 minute hairs and/or sensilla. Medial teeth of mandibles smaller.

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

Aphaenogaster (Nystalomyrma) pythia Forel

Length (through spiracles) about 4.7 mm. Thorax forming a slender curved neck; abdomen inflated and bag-like, with the ventral profile straight and the dorsal profile C-shaped. Anus ventral, with a posterior lip. No spinules on the integument. Body hairs sparse. Of one type: 0.16-0.23 mm long, simple, with very long flexuous tip. Head hairs about half as numerous, 0.05-0.18 mm long, simple, with a slender base and an attenuated apical half. Posterior surface of each lobe of labrum with two isolated and a cluster of three or four sensilla. Maxillary palps and galeae more slender. Otherwise similar to *A. rudis* (1953: 56). (Material studied: numerous larvae from New South Wales, courtesy of Rev. B. B. Lowery.)

Genus MESSOR Forel

Goetsch 1930: 387—The growth of the larvae is favorably influenced by animal food.

Sudd 1967: 123—See *Pogonomyrmex*.

Messor barbarus (Linnaeus)

Goetsch 1930: 387—Simple outlines of larvae in profile.

Mursaloglu 1957: 92—The larvae are always milky white; they are hairy.

Genus NOVOMESSOR Emery

Novomessor cockerelli (E. Andre')

SUBMATURE MALE LARVA: Length (through spiracles) about 6.6 mm. Similar to *N. albisetosus* (Mayr) (1953: 70 and 1960a: 8) except in the following details. Thorax less swollen. Body hairs of three types; (1) 0.038-0.15 mm long, tip short-bifid or denticulate, generally distributed; (2) 0.075-0.19 mm long, base heavier, tip variously branched and denticulate, in a ring around each somite; (3) 0.11-0.18 mm long, with bifid recurved tips, in a ring around each abdominal somite. Head hairs moderately numerous 0.05-0.11 mm long, simple or with the tip finely denticulate. (Material studied: four larvae from Dr. P. B. Kownowski, locality unknown.)