

**Gnamptogenys costata** (Emery)

Length (through spiracles) about 6.7 mm. Similar to *G. bispinosa* (1952: 133) except as follows. Body more slender. Body hairs long and moderately numerous. Of 2 types: (1) 0.1-0.33 mm long, with short base and 2- to 4-branched, the longer with fine flexuous tips, on all surfaces of all somites; (2) 0.013-0.15 mm long, with single stout shaft and frayed tip, on all surfaces of AX, scattered elsewhere. Head hairs longer (0.025-0.113 mm long), with smooth shaft and simple to frayed tip. Labrum with sides straighter. Mandibles with apical and subapical teeth longer and basal tooth shorter. Maxillae with apex paraboloidal; palp with 3 apical and 2 lateral sensilla. Labial palp with 3 apical and 2 lateral sensilla; opening of sericteries a transverse slit on ventral border. Hypopharynx with a few minute spinules in short transverse rows basally.

**VERY YOUNG LARVA.**—Length (through spiracles) about 2.9 mm. Similar to mature except as follows. Type 2 body hairs 0.015-0.5 mm long, stout anteriorly, becoming long, slender and flexuous posteriorly. Maxillary palp with 5 (1 apical, 3 subapical, 1 lateral) sensilla. Opening of sericteries a slit in a depression.

**Material studied.**—15 larvae from Indonesia, courtesy of Dr. W. L. Brown.

Genus **HETEROPONERA** Mayr

**REVISED CHARACTERIZATION.**—Profile pogonomymecoid but with abdomen straight and subcylindrical. Body hairs moderately numerous, mostly short; of 2 types: (1) branched; (2) simple, longest with flexuous tip. Antennae small. Head hairs branched, moderately long and moderately numerous. Labrum short, broad and deeply bilobed. Mandibles ectatommoid.

**Heteroponera dolo** (Roger)

Figs. 2 a and b

Length (through spiracles) about 5.4 mm. Very similar to *H. imbellis* (1971a: 1200) but differing in the following. Body hairs of 2 types: (1) 0.1-0.35 mm long, deeply bifid or multifid, branches very fine off main stout trunk; (2) 0.13-0.5 mm long, smooth, slightly curved to flexuous, a few on each somite, shortest on venter of T1. Cranium subcordate. Head hairs 0.038-0.225 mm long, finely denticulate. Labrum about 1.6 times as wide as long; ventral border with middle spinulose. Mandibles with all teeth longer. Maxillae with apex more spinulose. Labium not so bulging. Hypopharynx with very short arcuate rows of minute spinules.

**YOUNG LARVA.**—Fig. 2a. Length (through spiracles) about 2.1 mm. Similar to mature larva except as follows. Profile crescent-shaped; diameter