

Genus *Lioponera* Mayr

Diameter least at the first abdominal somite, increasing toward either end. No leg vestiges. Body hairs of three types: (1) long and flexuous with the tip hooked; (2) short and simple; (3) minute and simple. Cranium subhexagonal in anterior view; occipital border broadly angulate. Head hairs minute or short. Labrum large, covering most of the mandibles; width about three times the length; free border strongly curved; numerous sensilla on posterior surface. Mandibles short and stout; very feebly sclerotized. Maxillae very large and inflated; palp represented by a cluster of sensilla. No spinules on the mouth parts.

*Lioponera luzuriagae* Wheeler & Chapman.—Fig. 3. Elongate, slender, subcylindrical, arcuate (i.e., rather evenly curved ventrally); diameter least at the first abdominal somite, increasing gradually toward the ends. Anus subterminal. Eleven differentiated somites. No leg vestiges. Spiracles small. Body hairs of three types: (1) long (0.1 - 0.2 mm.) and flexuous, with the tip hooked, arranged in rows, one row of 6-12 hairs around each somite near the middle; (2) short (0.05 - 0.1 mm.), simple, slightly curved, sparsely and irregularly distributed, except on the prothorax, where they produce a bristly aspect; (3) minute (0.013 - 0.026 mm. long), simple, moderately numerous and uniformly distributed. Head small. Cranium subhexagonal in anterior view; a little broader than long; occipital border obtusely angulate at the middle. Head hairs very few; simple; variable in length (0.013 - 0.027 mm.), number and location. Antennae moderately large, each with three sensilla. Labrum a large thick flap twice as broad as long and covering most of the mandibles; with its base constricted and its free border broadly rounded; numerous sensilla on posterior surface. Mandibles very feebly sclerotized; short and stout; with the basal two-thirds greatly inflated and subtriangular in anterior view; distal third very small and curved posteriorly, its apex curved medially and blunt-pointed; distal half of medial border furnished with five to nine sharp denticles of various sizes and irregularly arranged. Maxillae very large, inflated, lobose; palp represented by a cluster of five sensilla; galea a small finger-like projection bearing an apical sensillum. Labium large and prominent; palp a cluster of five sensilla. (Material studied: several larvae from the Philippine Islands, collected by Dr. J. W. Chapman.)

A few of the larvae in the vial have branched hairs, but they also