

red; the head much wider than the thorax and more shining; the metathorax much swollen and wider than the prothorax, swelling out on each side. Abdomen heart-shaped, palest at the base and shining.

*Hab.* Celebes (Tondano).

The swollen metathorax in this species, I apprehend, is a receptacle for saccharine fluid; on each side is a small orifice, and beneath it, adhering to the thorax, are particles of crystallized masses, apparently formed of the fluid which has exuded from the receptacle. Two species from Sarawak, having similar formations, are described in the second volume of the 'Proceedings of the Linnean Society.'

Fam. ATTIDÆ, *Smith.*

Gen. SOLENOPSIS, *Westw.*

1. *Solenopsis cephalotes*, *Smith, Proc. Linn. Soc.* iii. 149. 1.

*Hab.* Celebes; Aru.

The *worker major* of this species has the head greatly enlarged, that of the *worker minor* being of the ordinary size.

2. *SOLENOPSIS LABORIOSA*. *S. ferruginea*; capite maximo, longitudinaliter striato, postice transverso-striato; spinis metathoracis minutissimis.

*Worker major.* Length 3 lines. Dark ferruginous, with the legs pale; rufo-testaceous; the head very large, twice as wide as the abdomen, in front and at the sides roughly striated, posteriorly delicately striated; the sides of the head very slightly rounded, emarginate behind with a central impressed line running forwards and terminating opposite the eyes; the eyes very small and placed at the sides a little beyond the middle; the vertex smooth and shining, with a few scattered fine punctures. Thorax sub-rugose, convex anteriorly and shining, behind constricted and narrowed; the metathorax with two short, erect, acute spines. Abdomen smooth, shining and slightly pubescent. The mandibles have a single tooth at their apex.

*Worker minor.* Length 1-2 lines. This form is of a much paler colour, the larger individuals having the abdomen fuscous, except at the extreme base; in the smaller examples it is only fuscous at the apex; in large individuals the head is slightly striated in front, in small ones it is entirely smooth and shining; the head much smaller in proportion than in the *worker major*; the mandibles with two or three teeth on their inner margin.

*Hab.* Celebes (Tondano).

The different-sized workers were taken from the nest by Mr. Wallace.

3. *SOLENOPSIS PUNGENS*. *S. ferruginea*; capite maxime longitudinaliter striato; abdomine fusco (*operaria major*): rufo-testacea, lævis, tota nitidissima nuda flagellis pedibusque pallescentibus (*operaria minor*).

*Worker.* Length 2 lines. Ferruginous, the flagellum and legs pale ferruginous; the mandibles stout, finely punctured and with two