

## ANT GUESTS FROM FIJI AND THE BRITISH SOLOMON ISLANDS.

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The species hereafter described and noted were collected by the writer during 1915-1916, during an eighteen months' excursion to the South Seas as Sheldon Traveling Fellow of Harvard University.\*

ORTHOPTERA. (Family Gryllidæ).

### *Myrmecophila hebardii* sp. nov.

Female: Length 2.75-3 mm.

Form elongate and rather more slender than usual in the genus. Head brown, with a pair of yellow spots on the vertex. Thorax and first two abdominal segments lemon yellow; pronotum with a broadly interrupted fuscous band at middle; metanotum and first two abdominal segments with narrow, entire, transverse fuscous bands at base; remaining abdominal segments fuscous; the antennæ, tips of ovipositor and femora infuscated. Body and appendages with microscopic yellow pubescence; cerci with long and coarse hairs; thorax and abdomen above with scattered, squamiform hairs. Eyes flat, composed of 16-18 facets. Antennæ distinctly longer than the body and very slender. Pronotum slightly narrowed in front. Meso- and metanotum subequal in length and together slightly shorter than the pronotum. Cerci 9-jointed, rather stout, with joints 2-3-4 distinctly broader than long. Spines of posterior tibiæ arranged as follows: On the dorso-external margin at apical third, three spines, the basal of which is a little longer than the third, but only half as long as the second; the dorso-internal margin with six spines, the basal, the third and the sixth much shorter than the others; tips with a pair of short ventral spines. Metatarsus with one stout spine.

Host: *Plagiolepis longipes* Jerd.

Described from a series taken with the host ant in the following localities: Fiji Islands, Somo Somo, Taviuni (type locality), Lakeba, Munia and Kabara in the Lau Archipelago; Saiaro, Viti Levu; Vunisea, Kadavu. Santa Cruz Archipelago: Graciosa Bay. Solomon Islands: Pamua and Wainoni Bay, San Cristoval.

\* The figures were drawn by R. S. McEwen.