

FORMICINAE Lepeletier.

Camponotini Forel.

Camponotus (Tanaemyrmex) hastifer Emery, 1911, *Nova Guinea* 9 : (2) 254.

Miss L. E. Cheesman took a number of soldiers and workers of this fine large species, JAPEN ISLAND : Mt. Baduri, 1000 ft., vii.1938 and Mt. Eiori, 2000 ft., x.1938. In hut; nesting in tuberous root of epiphyte on fallen tree; at night; and after sugar in house.

Polyrhachis (Florencea) kirkae Donisthorpe, 1937, *Ann. Mag. nat. Hist.* (10) 19 : 624.

Type locality : Papua, Kokoda.

Miss L. E. Cheesman took a number of workers, JAPEN ISLAND : Mt. Baduri, 1000 ft., in mossy forest walking "the tight-rope" on a creeper across a gully, viii.1938.

A specimen of this fine ant was obtained by the British Ornithological Union's Expedition to New Guinea and is labelled "New Guinea Mimika River Aug. 1910 A. F. R. Wollaston. 1911-229". This has the lighter yellow gaster characteristic of the Papuan specimens and matches that of *Aphaenogaster (Planimyrmex) lorlai* Emery, of which I have shown it to be a mimic. Miss Cheesman also took the species at Waigeu in company with *Odontomachus tyranicus* Smith v. *obsolescens* Donisthorpe, with the gaster of a darker yellow to match that of the *Odontomachus*. It mimics both these ants of two different subfamilies [see 1940, *Ent. mon. Mag.* 76, Pl. 5].

Polyrhachis (Myrma) relucens Latr., 1802, *Hist. nat. Fourmis* : 131, Pl. 4, fig. 24.

Miss L. E. Cheesman took a number of workers, JAPEN ISLAND : Mt. Baduri, in mossy forest, etc., 1000 ft., viii.1938. It is not uncommon on the mainland of New Guinea.

Polyrhachis (Myrma) sericata Guérin, 1830, *Voyage Coquille Zool.* 2 : 203, Pl. 8, fig. 2.

Miss L. E. Cheesman swept up a dealated female, JAPEN ISLAND : Mt. Baduri, 1000 ft., viii.1938. It is recorded from New Guinea, Moluccas, and New Hebrides.

***Polyrhachis (Myrma) sericeopubescens* sp. n.**

♀. Black covered with a fine yellow silky pubescence which gives the insect a somewhat bronzy appearance, whole body including scapes and legs furnished with yellow outstanding hairs; claws, spurs and bristles brownish-yellow.

Head longer than broad, slightly narrower anteriorly than posteriorly, posterior border emarginate, with two small raised points in centre, a blunt raised ridge from posterior angles to eyes separates cheeks from dorsal surface of head, head finely and evenly longitudinally striate from between frontal carinae to posterior border. Cheeks longitudinally striate; *mandibles* robust, longitudinally striate, and with some scattered oblong fairly large punctures, armed with four strong teeth; *clypeus* finely coriaceous, large, flat, triangular, projecting anteriorly with a row of punctures along anterior border; *frontal area* indistinct; *frontal furrow* very faint, extending between frontal carinae; *frontal carinae*