

Hymenoptera.

By WILLIAM MORTON WHEELER.

[Contribution from Harvard University.]

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PLATES LXIV. TO LXVI.

Family FORMICIDAE.

Subfamily PONERIDES.

1. MYRMECIA VINDEK, F. Smith, var. DESERTORUM, n. var.

Worker.—Length, 15-17 mm.

Resembling the var. *nigriceps*, Mayr., in colouration, but with the red of the thorax and pedicel a shade more yellowish, and more like the typical *vindek* in size and pilosity, the latter being conspicuously more abundant than in *nigriceps*, especially on the thoracic dorsum. The sculpture of the thorax is also distinctly feebler and the surface more opaque than in this variety and the typical form.

Four workers from Todmorden.

2. RHYTIDOPONERA CORNUTA, Emery, subsp. TAURUS, Forel.

A single worker from Moorilyanna, agreeing very closely with a co-type in my collection.

3. RHYTIDOPONERA (CHALCOPONERA) METALLICA, F. Smith, var. PURPURASCENS, n. var.

Worker.—Length, 7 mm.

Differing from the typical *metallica* from Eastern Australia in colour, the head, thorax, petiole, and gaster being deep metallic-violet, with the legs, mandibles, and a large spot on the vertex purplish-brown, and the antennae black. The sculpture is very much like that of the typical form, except that the rugosity on the pronotum is somewhat more irregular and the fine rugae are more nearly of the same character on the first and second gastric segments.

A single worker from Moorilyanna.

4. BOTHROPONERA PILIVENTRIS, F. Smith.

A single worker, taken between the Musgrave Ranges and Moorilyanna.

5. LEPTOGENYS (LOBOPELTA) CONIGERA, Mayr., var. CENTRALIS, n. var.

Worker.—Length, 6.5-7 mm.

Differing from the typical form and the var. *adlerzi*, Forel, of Queensland in the following characters:—The head