

- Extensor surfaces of middle and hind tibiae without erect hairs..... *P. magnifica* Menozzi
7. Pronotal dorsum strongly convex in profile (Fig. 7)..... *P. ignota*, sp. nov.
Pronotal dorsum only moderately convex in profile (Fig. 8)..... *P. scabra*, sp. nov.

***Polyrhachis aureovestita* Donisthorpe, 1937**
(Fig. 16)

MATERIAL EXAMINED

MINDANAO: Zamboanga del Sur, Lemesahan, 600 m, 7.ix.1958, light trap, H.E. Milliron, BPBM coll. (1 worker); Agusan, S. Francisco, 10 km SE, 13.xi.1959, L. Quate & C. Yoshimoto, BPBM coll. (1 alate female).

DIMENSIONS

Worker cited first: TL 14.76, 16.07; HL 3.53, 3.63; HW 2.32, 2.42; CI 66, 67; SL 4.38, 4.33; SI 189, 179; PW 2.02, 2.37; MTL 5.34, 5.34.

REMARKS

Both specimens closely match the holotype of *P. aureovestita*. They represent the first records of this species from the Philippines.

***Polyrhachis calypso* Forel, 1911**
(Figs 18, 19)

MATERIAL EXAMINED

SULU: Tawitawi, Tarakan, Farm. distr., 11.ii.1957, Yoshio Kondo, BPBM coll. (1 worker).

DIMENSIONS

TL 10.28; HL 2.40; HW 1.50; CI 62; SL 3.03; SI 202; PW 1.25; MTL 3.58.

REMARKS

Not previously recorded from the Philippines. In spite of some minor differences, including the slightly narrower head and the reduced pilosity, the single worker closely matches the syntypes and other available material of *P. calypso* from Borneo, Sumatra and Java.

***Polyrhachis exotica*, sp. nov.**
(Figs 9, 11, 15)

MATERIAL EXAMINED

MINDANAO: Misamis Oriental, Mt. Kibungol, 10.-11. April 1960, H.M. Torrevillas, BPBM coll. (Holotype, 2 paratype workers); Mt. Kibungol, 20 km SE of Gingoog, 700-800 m, 9.-18.iv.1960, H.M. Torrevillas, BPBM coll. (3 paratype workers); Mt. Empagatao, 9.-18. April 1961, H.M. Torrevillas, BPBM coll. (1 paratype worker, 2 paratype dealate females); Hindangon, 20 km S of Gingoog, 600-700 m, 20.-24.iv.1960, H. Torrevillas, BPBM coll. (2 paratype workers); Minalwang, 1050 m,

24.iii.-4.iv.1961, W. Torrevillas, BPBM coll. (1 paratype worker); MINDANAO, no further data, ex C. Danes coll. (3 paratype workers, 1 paratype dealate female).

TYPE DEPOSITION: Holotype and most paratypes (6 workers and 2 females) in BPBM; 3 paratypes (2 workers, 1 female) in RJK; 1 paratype worker each in ANIC, BMNH, USNM and QM (with kind consent of Bernice P. Bishop Museum).

DESCRIPTION

WORKER

Dimensions (holotype cited first): TL 14.46, 13.31-14.66; HL 3.43, 3.17-3.43; HW 2.22; 2.07-2.22; CI 65, 64-66; SL 4.48, 4.28-4.59; SI 202, 201-207, PW 2.06, 1.96-2.17; MTL 6.05, 5.74-6.10 (13 measured).

Mandibles with 4 distinct teeth. Clypeus with a median longitudinal carina; convex in profile. Sides of head in front of eyes feebly convex, nearly straight; narrowed behind eyes with occipital margin narrow and without lateral angular prominences. Antennal carinae well elevated, sinuate; the furrow between them 2 x as wide in front than behind. Antennal scapes long, extending beyond the occipital margin by at least half their length. Eyes convex, but not as prominent as in some species of the group. Median ocellus present, though rather obscure in some specimens. Pronotum in profile very strongly convex, dome-like. Pronotal spines long, projecting laterally and strongly curved forward. Mesonotal dorsum in profile straight; propodeal dorsum shallowly concave, declivity abrupt. Mesopleural process produced to form an acute ventral angle. Propodeal spines very strong, long, elevated from their bases, divergent and recurved. Petiole with dorsum sloping anteriorly, spines scarcely elevated and curved to the base of gaster, which is short and broadly ovate; first tergite covering almost half of the gastral dorsum.

Mandibles relatively smooth and shining at the masticatory border; punctate-opaque laterally, with numerous piliferous pits at their bases. Sculpturation a fine reticulate punctation on clypeus, front and sides of head; increasing posteriorly to coarsely punctate on vertex and at the occipital border. Mesosoma and petiole fairly coarsely and closely punctate; sides of mesonotum and propodeum foveolate-punctate. Dorsum of gaster shining, with only very fine microscopic punctations.

All surfaces of the body and appendages, except the tips of spines and dorsum of the first gastral segment, with numerous yellow or off-white long erect undulate hairs. These are longest and most dense on the mesosomal dorsum and