

0.45-0.48, SI 82-86, PW 0.40-0.43, AL 0.80-0.83, ED 0.03-0.04, ML 0.35, PNL 0.20, DPW 0.33, PH 0.38-0.40, PNI 76-81, LPI 50-53 (5 measured). As holotype.

Holotype: worker, No. A97-2046, 730 m, Bubang Village, Mengla County, Yunnan Province, 17-VIII-1997, collected in a soil sample of seasonal rain forest by Zeng Guang. Paratypes: 1 worker, with same data as holotype; 1 worker, with same data as holotype but No. A97-2028; 8 workers, with same data as holotype but No. A97-2089, collected in a ground sample.

This new species is close to *P. sinensis* Wheeler (Figs. 4~6), but mandible with 5 distinct subequal large teeth; Head relatively broad, CI 95-98; Petiolar node comparatively narrow, PNI 76-81; Anteroventral corner of subpetiolar process rounded.

2. *Ponera menglana*, sp. nov. (Figs. 7~9)

Holotype worker: TL 2.9, HL 0.68, HW 0.60, CI 89, SL 0.50, SI 83, PW 0.50, AL 0.90, ED 0.03, ML 0.40, PNL 0.23, DPW 0.43, PH 0.50, PNI 85, LPI 45. Head roughly square, lightly longer than broad. Occipital margin slightly concave, occipital corners blunt, lateral sides weakly convex. Mandible with 3 enlarged apical teeth followed by a series of minute denticles. Anterior margin of clypeus evenly convex. Apex of scape reached to 9/10 of the distance from antennal socket to occipital corner, antennal club consisted of the apical 5 segments. Eye with one facet. In profile view dorsum of alitrunk slightly convex, promesonotal suture distinct, metanotal groove very weak with fine visible trace. Dorsum of propodeum about as long as declivity, posterodorsal corner of propodeum rounded, lateral sides of propodeum weakly depressed, declivity obviously depressed, lateral sides of declivity distinctly marginate. In profile view petiolar node higher than long, anterior face straight and vertical, dorsal and posterior faces formed a single arched surface, anterodorsal corner blunt. Subpetiolar process with small circular fenestra, anteroventral corner obliquely truncate, posteroventral corner with a minute denticle. In dorsal view petiolar node roughly semicircular, anterior and lateral borders formed a single arch, posterior face weakly concave. Gaster distinctly constricted between the two basal segments. Mandibles smooth and shining. Head, alitrunk and the two basal segments of gaster densely and finely punctured. Petiole with anterior and lateral faces weakly finely punctured, posterior face smooth. Segments 3~6 of gaster smooth and shining. The whole body surface with sparse erect or suberect hairs and dense decumbent pubescence. Scapes and tibiae with dense decumbent pubescence, but without erect hairs. Body in color black. Mandibles, antennae, legs, subpetiolar process and apex of gaster yellowish brown.

Paratype workers: TL 2.7-3.1, HL 0.65-0.68, HW 0.58-0.60, CI 85-89, SL 0.48-0.53, SI 83-88, PW 0.45-0.48, AL 0.85-0.90, ED 0.03, ML 0.33-0.38, PNL 0.20-0.23, DPW 0.40-0.43, PH 0.45-0.50, PNI 84-94, LPI 43-50 (5 measured). As holotype.

Holotype: worker, No. A97-2046, 730 m, Bubang Village, Mengla County, Yunnan Province, 17-VIII-1997, collected in a soil sample of seasonal rain forest by Zeng Guang. Paratypes: 4 workers and 2 males, with same data as holotype; 3 workers, with same data as holotype but No. A97-2024, collected in a ground sample; 9 workers, with same data as holotype but No. A97-2029; 7 workers and 1 dealate female, No. A97-1134, 660 m, Cuip-