

Pachycondyla punctata Smith, by subsequent designation of Bingham, 1903: 73.

Range: World tropics.

***Platythyrea clypeata* Forel, New record in China (Figs. 1—3)**

Platythyrea clypeata Forel, 1911, *Bull. Soc. Vaud. Sci. Nat.* **47**: 378 (Queen), Southeast Asia.

Platythyrea thwaitesi Donisthorpe, 1931, *Ann. Mag. Nat. Hist.* (10) **8**: 496 (Queen), Sri Lanka. Junior synonym of *P. clypeata*: Brown, 1975: 8.

Forel (1911) described *P. clypeata* from Southeast Asia based on queen caste. Another species *P. thwaitesi* Donisthorpe, which was revised as a junior synonym of *P. clypeata* by Brown, was also described on queen caste. So only queen caste of *P. clypeata* was known before this study. During the course of study on bio-diversity of ants of Xishuangbanna Nature Reserve, the worker caste of *P. clypeata* was discovered for the first time. The single worker well conformed to *P. clypeata* according to the key and figures of Brown (1975) although with the following difference: the worker caste with petiolar node slender and roundly convex at apex, petiole and gaster blackish brown. A full description is provided for the worker caste as below.

Worker: TL 8.7, HL 1.90, HW 1.20, CI 63, SL 1.93, SI 161, PW 1.10, AL 3.00, ED 0.23, ML 0.67, PNL 1.07, PNW 0.53, PH 0.70 (1 measured). Head roughly rectangular, longer than broad, weakly narrowed backward. In full-face view occipital margin almost straight, slightly emarginate in the center. Occipital corners blunt. Lateral sides of head weakly convex. Mandible with 8 teeth. Clypeus convex, anterior margin extruded as a blunt angle in the middle. Eyes flat. Antennae long, scape surpassed occipital corner by about 1/4 of its length. In profile view dorsum of alitrunk at the same level, promesonotal suture distinct, metanotal groove absent. Dorsum of propodeum longer than declivity, posterodorsal corner of propodeum rounded. Propodeal spiracle seam-like. In profile view petiolar node longer than high, the node inclined backward, anterodorsal corner rounded, posterodorsal corner formed an acute angle. In dorsal view the node rectangular, about 2 times as long as broad, posterior border complete and rounded. Subpetioar process low and rounded at apex. Constriction between the two basal segments of gaster indistinct. Body surface finely shagreened and sparsely punctured. Dorsum of head and body and appendages without hairs, but with dense depressed pubescence. Body in color brown, petiole and gaster blackish brown, flagella and tarsi yellowish brown.

Material examined: 1 worker, No. A97—2318, 1280m, Papo Village, Meng' a Town, Menghai County, Yunnan Province, collected from a ground sample of secondary monsoon evergreen broad-leaf forest, Sep. 10, 1997 (XU Zheng-hui).

Distribution: China (Yunnan Province); Sri Lanka; Southeast Asia.

Key to species of *Probolomyrmex* of China based on worker caste

- Apex of scape reach to posterior 1/4 of head length, SI 117. Propodeal teeth smaller. In dorsal view petiolar node not narrowed backward (Figs. 6—8) (China: Taiwan Province; Japan) *P. longinodus* Terayama et Ogata
- Apex of scape almost reached to occipital margin, SI 133—136. Propodeal teeth larger. In dorsal view petiolar node narrowed backward (Figs. 9—11) (China: Yunnan Province) *P. longiscapus* sp. nov.