

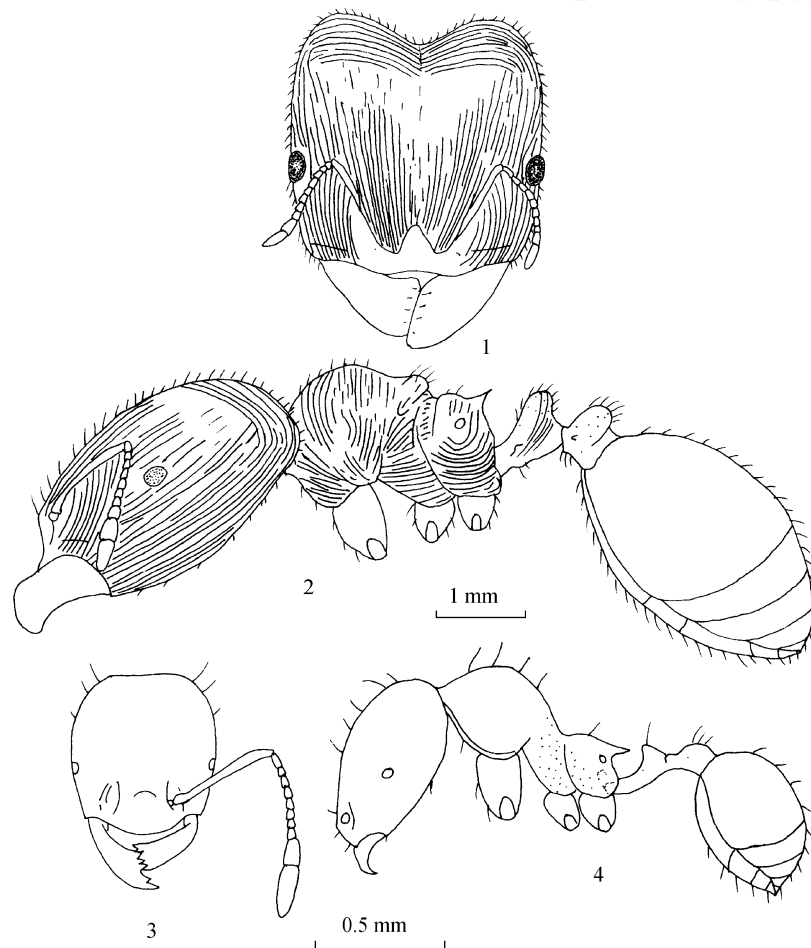
pronotum, dorsum of propodeum, and petiolar node transversely striate. Spaces between striation smooth. Postpetiolar node and gaster smooth and shining. Erect hairs abundant on the whole body. Color dark brownish red. Mandibles and gaster blackish red. Antennae and legs paler.

Paratype 14 media workers. HL 1.30-2.80, HW 1.25-2.70, SL 0.65-1.08, CI 96, SI 40-52, PW 0.60-1.35, PNH 0.66, PNL 0.68, PNW 0.56, PPH 0.60, PPL 0.25-0.66, PPW 0.29-0.83, ED 0.31, TL 4.6-9.9. Occipital less concave, scutellum less prominent. Other characters are the same as the major worker. 7 minor workers. HL 0.50-0.60, HW 0.50-0.60, SL 0.30-0.50, SI 60-83, CI 98-100, PW 0.35-0.40, AL 0.60-0.75, ED 0.05-0.06. Occipital straight to feebly concave. Masticatory margin of mandible with five teeth. Antennal scapes short, close to occipital border. Mandible longitudinally striate.

Head, pronotum and gaster smooth and shining, mesopleurae and propodeum shagreened. Erect hair long and sparse. Color brown. Propodeum and peticel paler.

Holotype major worker, Taibai Slope, Zengcheng, Guangdong Province, South of China, 26 Sep. 1984, ZHANG Zhu-Xu leg. Paratype 14 media workers and 7 minor workers, Taihe Ancient Cave, Qingxin County, Guangdong Province, South of China, 25 Aug. 2005, ZHAO Shuang leg.

This new species resembles *P. trechideros* Zhou et Zheng, but the major worker differs from the later in mandibles smooth and shining, spaces between striation smooth, propodeal spine thick and straight, not curved forward. The minor worker differs from the later in promesonotum much higher, propodeal spine longer, not curved upward.



Figs. 1-4. *Pheidologeton zengchengensis* sp. nov. 1-2. Major worker. 3-4. Minor worker. 1, 3. Head in full-face view. 2, 4. Body in profile view.

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