

68, AL 1.18, ML 0.87, MI 77, HFL 1.27, HLI 112, ED 0.20.

This new species is similar to *A. luciolae* Emery and *A. concavus* Moffett. It differs from *A. luciolae* in: 1) mandibles with teeth; 2) pronotal spines each has more than 10 tiny hairs, while the latter with 1 to 3 distinct hairs. It differs from *A. concavus* in: 1) pronotal spines with hairs, while the latter without hair; 2) petiole with teeth, while the latter's rounded; 3) propodeal declivity smooth, while the latter's with transverse rugae.

Major worker unknown.

Holotype minor worker, Huaping Natural Conservation, Guangxi, China, 8-VI-1995, collected by Zhou Shanyi.

2. *Tetramorium guangxiensis*, sp. nov. (Figs. 3, 4)

Holotype worker: TL 3.95, HL 0.95, HW 0.92, CI 96, SL 0.60, SI 65, AL 1.10, ED 0.15.

The new species resembles *T. shensiense* Bolton, but differs from the latter in: 1) antennal scapes shorter, with $SI < 70$, while the latter's > 76 ; 2) propodeal spines straight and not curved dorsally as the latter's; 3) apex of posterior lobe of the propodeum acute, while the latter's blunt. The new species is also similar to *T. smithi* Mayr, but differs from the latter in: 1) propodeal spines longer than the latter's; 2) mandibles with fine longitudinal rugae and 3) node of pedicel with carinae, while the latter's with smooth area. In addition, the new species much larger in size than the latter.

Paratypes 6 workers: TL 3.9-4.2, HL 0.93-0.95, HW 0.91-0.95, CI 96-100, SL 0.62-0.65, SI 66-70, PW 0.62-0.69, AL 1.10-1.14, ED 0.14-0.16.

Holotype worker, Huaping Natural Conservation, Guangxi, China, 6-VII-1995, collected by Zhou Shanyi. Paratypes 6 workers, data as holotype.

3. *Crydtopone pseudogigas*, sp. nov. (Figs. 5, 6)

Holotype worker: TL 4.44, HL 0.98, HW 0.92, CI 93, SL 0.73, SI 79, PW 0.68, AL 1.33, ED 0.05, PL 0.35.

This new species is closely related to *C. gigas* Wu et Wang, but differs from the latter in: 1) antennal segment 2 shorter than segments 3 plus 4 together, terminal segment shorter than the preceding three segments; 2) propodeum with its anterior portion as broad as posterior portion; and 3) constriction between the first and second gastric segments very distinct.

Holotype worker, Tiandeng County, Guangxi, China, 11-XI-1995, collected by Zhou Shanyi.

key words: Hymenoptera, Formicidae, new species, China