

TWO NEW SPECIES OF THE GENERA *Mystrium* AND *Cryptopone* FROM YUNNAN, CHINA (Hymenoptera: Formicidae)*

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Abstract Two new ant species from the tropical rain forest of Xishuangbanna Nature Reserve in Yunnan Province, *Mystrium oculatum* sp. nov. and *Cryptopone recticlypea* sp. nov., were described. The genus, *Mystrium* Roger, was first recorded in China.

Key words Formicidae, *Mystrium*, *Cryptopone*, New species, China

Mystrium Roger (1862) is a small ant genus, which contains only 8 species: 1 from Burma, 6 from Madagascar, and 1 from Cameroun (Bolton, 1994, 1995).

Cryptopone Emery (1893) is a worldwide genus, which has 16 species including 1 subspecies (Bolton, 1994, 1995). Among them, 11 species are found in Southeastern Asia and 3 species are known in China (Terayama, 1990). Lately, Wu *et al.* (1995) described 1 new species, *C. gigas*, from Anhui Province, China.

In 1996, the auther and some students collected 2 new species from the tropical rain forest of Xishuangbanna Nature Reserve in southwestern Yunnan. One of them belongs to genus *Mystrium* Roger and the other to genus *Cryptopone* Emery. The genus *Mystrium* Roger is recorded in China for the first time. Type specimens are deposited in the Insect Collection, Department of Forest Protection, Southwest Forestry College, Kunming, Yunnan.

Measurements (in mm) and indices are as defined by Holldobler *et al.* (1990): total length-TL, head length-HL, head width-HW, cephalic index-CI, scape length-SL, scape index-SI, pronotal width-PW, alitrunk length-AL, maximum diameter of eye-ED, mandibular length-ML.

1 *Mystrium* Roger, New record in China

Mystrium Roger, 1862. *Berl. ent. Zeit.* 6: 245. Type-species: *Mystrium mysticum* Roger.

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