

SYSTEMATIC STUDIES ON THE ANT GENERA OF *CAREBARA*, *RHOPALOMASTIX* AND *KARTIDRIS* IN CHINA (HYMENOPTERA: FORMICIDAE: MYRMICINAE)

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Abstract

A new record species *C. lignata* Westwood of *Carebara* Westwood is reported in China, its measurements and illustrations are provided. *Rhopalomastix* Forel is a new record genus in China. A new species, *R. umbracapita* sp. n. is described, a key to the known 4 species and 2 subspecies of *Rhopalomastix* of the world is given. A new species *K. sparsipila* sp. n. of *Kartidris* Bolton is discovered, a key to the 6 known species of *Kartidris* of the world is prepared with illustrations. Biological notes are also given to *Carebara lignata*, *R. umbracapita*, and *K. sparsipila*. All the 3 species are collected in the tropical rain forest of Xishuangbanna Nature Reserve.

Key words: Formicidae; *Carebara*; *Rhopalomastix*; *Kartidris*; Systematics

During the course studying biodiversity of ants in Xishuangbanna Nature Reserve of Yunnan Province, 1 new record species *Carebara lignata* Westwood and 2 new species *Rhopalomastix umbracapita* sp. n. and *Kartidris sparsipila* sp. n. are discovered and described.

Standard measurements and indices are as defined in Bolton (1983). All measurements are expressed in mm. The type specimens are deposited in the Insect Collection, Department of Forest Protection, Southwest Forestry College, Kunming, Yunnan, China.

CAREBARA WESTWOOD

Carebara Westwood, 1840, *Ann. Mag. Nat. Hist.* 6: 86. Type-species, *C. lignata* Westwood.

Systematic position, Myrmicinae, Pheidologetonini.

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