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A TAXONOMIC STUDY OF THE ANT GENUS  
*DOLICHODERUS* LUND IN CHINA  
(HYMENOPTERA FORMICIDAE DOLICHODERINAE)

Xu Zhenghui

(Department of Forest Protection, Southwest Forestry College, Kunming, 650224)

**Abstract**

Five species of the ant genus *Dolichoderus* Lund are collected and reported in China, of which 1 new species is described. The known Chinese species and varieties of the genus are studied, 4 new synonyms are proposed: *D. taprobanae* var. *obscuripes* Santschi and *D. taprobanae* var. *tonkina* Santschi are new synonyms of *D. taprobanae* (F. Smith); *D. bituberculatus* var. *emarginata* Santschi is a new synonym of *D. bituberculatus* (Mayr); *D. affinis* var. *nigricans* Emery is a new synonym of *D. affinis* Emery. A key is prepared for the 5 species known in China. *Dolichoderus incisus* sp. nov. is close to *D. bituberculatus* (Mayr), but the new one in full face view, the head subrectangular, occiput widely emarginate. Dorsum of thorax densely and finely punctured, without coarse wrinkles. In profile view, the apical angle of propodeum more extruding posteriorly. Holotype: worker, Lincang Co. (23.8° N, 100.0° E), 1550 m, Yunnan Prov., 13-X-1991, No. A91-1077 (Xu Zhenghui). Paratypes: 5 workers, with same data as holotype; 25 workers, with same data as holotype, but Nos. A91-1094, 1105, 1119, 1124, 1127. The type specimens are deposited in the Insect Collection, Department of Forest Protection, Southwest Forestry College, Kunming, Yunnan, China.

**Key words** Hymenoptera; Formicidae; *Dolichoderus*; taxonomy; China