

Range Extensions, New Records, an Artificial Key and a List of Tiger Beetles of Yunnan Province, China (Coleoptera: Cicindelidae)

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ABSTRACT

Cylindera (*Cylindera*) *dauidi dauidi* (Fairmaire, 1886), *Lophyra fuliginosa* (Dejean, 1826), and *Myriochila sinica* (Fleutiaux, 1889) are reported as range extensions to Yunnan Province. *Callytron andersonii* (Gestro, 1889), *Calochroa elegantula* (Dokhtouroff, 1882) and *Neocollyris* (*Leptocollyris*) *tumida* Naviaux, 1991 are reported as new records for the province and for China. Because of name and taxonomic changes to genera of tiger beetles in recent years and the addition of new genera to the record, a key is provided for separating Yunnan tiger beetles into the most recent classification of genera. The key is specific to the province and may not be appropriate for other provinces in China. Following the key is a summary list of the known species of Yunnan tiger beetles.

Key words: Tigger Beetles, Cicindelidae, Coleoptera, China.

INTRODUCTION

Yunnan has one of the most unique ecologies in China. With the blending of temperate zones of eastern China, that of the Himalayan plateau to the west with the subtropical of the Oriental region, the province has a rich biodiversity. Of the 147 species of tiger beetles known to occur in China, 78 are found in Yunnan (Shook & Wiesner, 2006, Shook & Wu, 2006). Although province accounts for only 4.1% of China's total landmass (Yang et al, 2004), over half of all known tiger beetle species are found in the province. As anticipated by Shook & Wiesner (2006), more thorough collecting in Yunnan Province has provided new records and range extensions.

Taxonomic re-assignment and name changes are often frequent in entomological classification. Rivalier (1961) proposed that the massive tiger beetle genus *Cicindela*