



## Discovery of the genus *Loeblites* Franz (Coleoptera: Staphylinidae: Scydmaeninae) in China, with description of a new species

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### Abstract

*Loeblites chinensis* sp. n. (Scydmaeninae: Cyrtoscydmini) from Yunnan, southern China is described, and its important diagnostic characters are illustrated. This species represents the first record of *Loeblites* in China. A single female of *Loeblites* from Tengchong, Yunnan is also recorded. It is similar to *Loeblites mastigicornis* from Thailand in general habitus and form of the spermatheca, but the identity of this species remains unconfirmed until males are found.

**Key words:** Cyrtoscydmini, *Loeblites*, new species, new record, China

### Introduction

The Oriental genus *Loeblites* Franz currently comprises three species distributed in Thailand and Borneo (Franz 1986, 1992; Jałoszyński 2005). Recent examination of a material in the Collection of Shanghai Normal University revealed a new *Loeblites* species from Yunnan, representing the first *Loeblites* known to occur in China. It can be readily separated from all other congeners primarily by the unique structure of the aedeagal endophallus. Additionally, an unidentified female of this genus from Tengchong, Yunnan is recorded, with its spermatheca and bursa copulatrix figured for future comparative studies. The identity of this specimen is unclear until the only known female can be associated with conspecific males.

### Material and methods

All material treated in this study is housed in the Insect Collection of Shanghai Normal University, Shanghai, China (SNUC).

The collecting data of the material are quoted verbatim. A slash is used to separate different labels. Authors' supplementary notes are included in square brackets. Morphological terms follow those used by Jałoszyński (2005).

The following abbreviations are applied: AeL—length of aedeagus along the midline of the median lobe in dorso-ventral view; AnL—length of the antennae; BL—length of the body (= HL + PL + EL); EI—elytral index (= EL / EW); EL—length of the elytra along the suture, from the base of scutellum to the apex; EW—maximum width of the elytra; HW—width of the head across eyes; HL—length of the head from the anterior clypeal margin to the occipital constriction; PL—length of the pronotum along the midline; PWb—width of the pronotum at base; PWm—maximum width of the pronotum; SpD—largest diameter of the spermatheca; SpL—length of the spermatheca; BcL—length of the bursa copulatrix.

### *Loeblites chinensis* Zhou and Li, new species

Figs 1A, 2B–H

**Type material** (1♂). **Holotype:** CHINA: ♂, labeled 'China: Yunnan Prov., Jinghong, Nabanhe N. R., Manfei, ca.