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## Contribution to the knowledge of the genus *Syndicus* Motschulsky (Coleoptera: Staphylinidae: Scydmaeninae) in China

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### Abstract

Two new species of the ant-like stone beetle genus *Syndicus* Motschulsky (Scydmaeninae: Cyrtoscydmini) from the Hainan Island, southern China are described: *S. (Semisyndicus) grossepunctatus* sp. n. and *S. (Semisyndicus) hainanicus* sp. n. The previously unknown female of *S. (Semisyndicus) schuelkei* is discovered, and its spermatheca is illustrated. *Syndicus (s. str.) jaloszynskii* is newly recorded from Hunan, central China. A single female of the nominotypical subgenus from Motuo, Xizang is listed; its identity remains unconfirmed until associated males become available.

**Key words:** Cyrtoscydmini, *Syndicus*, new species, new record, Oriental, China

### Introduction

The Australo-Oriental genus *Syndicus* Motschulsky currently comprises 33 species and subspecies in the nominotypical subgenus and 11 in the subgenus *Semisyndicus* Jałoszyński. Members are scattered in Sri Lanka, India, Bhutan, Nepal, Thailand, Vietnam, Cambodia, Laos, Myanmar, Malaysia, Singapore, Indonesia, the Philippines, China, Japan, and Australia (Jałoszyński 2004, 2006, 2008, 2009, 2011, 2014a, 2014b; Jałoszyński & Nomura 2006; Yin, Song & Li 2014). Among these, three species are known to occur in China: *Syndicus (s. str.) jaloszynskii* Yin & Song from Zhejiang and Fujian, *Syndicus (Semisyndicus) schuelkei* Jałoszyński from Yunnan, and *Syndicus (Semisyndicus) sinensis* Jałoszyński from Yunnan and Sichuan.

Recent examination of unsorted material in our collection revealed two new *Syndicus* species from the Hainan Island, southern China, from where the genus has not been previously reported. Both new species are placed in the subgenus *Semisyndicus* Jałoszyński based on the relatively large antennomeres XI, the strongly projecting humeral angles, and other characters that define this group (Jałoszyński 2004). They can be readily separated from all other *Semisyndicus* primarily by the unique structure of the aedeagal endophallus. Moreover, two females of *Syndicus (Semisyndicus) schuelkei* together with one male were discovered, making it possible to add a description of female characters (originally described from a single male; Jałoszyński 2011). Additionally, *Syndicus (Syndicus) jaloszynskii* is newly recorded from Hunan, central China; and a single female of the nominotypical subgenus from Motuo, Xizang is listed, with its spermatheca figured for future study.

### 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. Each type specimen bears the following label: 'HOLOTYPE [red] (or PARATYPE [yellow]), ♂ (or ♀), *Syndicus* + specific name sp. n., det. Yin & Li, 2014, SNUC'. Morphological terms follow those used by Jałoszyński (2004).

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