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A new species of *Syndicus* (s. str.) Motschulsky (Coleoptera, Staphylinidae, Scydmaeninae) from East China

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Abstract

Syndicus (s. str.) *jaloszyński* Yin and Song, **new species** is described from Fujian and Zhejiang, East China. All material was collected in rotten woods. The habitus of both sexes, aedeagus, and spermatheca are illustrated. The new species can be readily separated from all known congeners by the strikingly large body size, the structure of aedeagal endophallus, and the form of spermatheca. This is the first species of the nominotypical subgenus of *Syndicus* known to occur in China.

Key words: taxonomy, Coleoptera, Staphylinidae, Scydmaeninae, Cyrtoscydmini, *Syndicus*, new species, China

Introduction

Members of *Syndicus* Motschulsky have remarkably reduced terminal antennomeres, making their antennae appear to be '10-segmented'. Based on this feature, the genus can be readily separated from all other scydmaenine genera. After Jałoszyński's revision and subsequent papers (Jałoszyński 2004, 2006, 2008, 2009, 2011; Jałoszyński & Nomura 2006), *Syndicus* is currently divided into two subgenera. Thirty species and subspecies have been placed in the nominotypical subgenus, and ten species and subspecies in the subgenus *Semisyndicus* Jałoszyński. Among these species, only *Syndicus* (*Semisyndicus*) *sinensis* Jałoszyński (Yunnan, Sichuan) and *S.* (*Semisyndicus*) *schuelkei* Jałoszyński (Yunnan) are known to occur in China, while species of the nominotypical subgenus have not been recorded from this country. Recent collecting efforts in Fujian (Wuyi Shan) and Zhejiang (Fengyang Shan) revealed a new species of *Syndicus* (s. str.) which is described and distinguished from allied congeners herein.

Material and methods

The type material is housed in the Insect Collection of the Shanghai Normal University, Shanghai, China (SNUC).

The collection data of the material are quoted verbatim. A slash (/) is used to separate different labels. Terminological terms follow Jałoszyński (2004).

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.

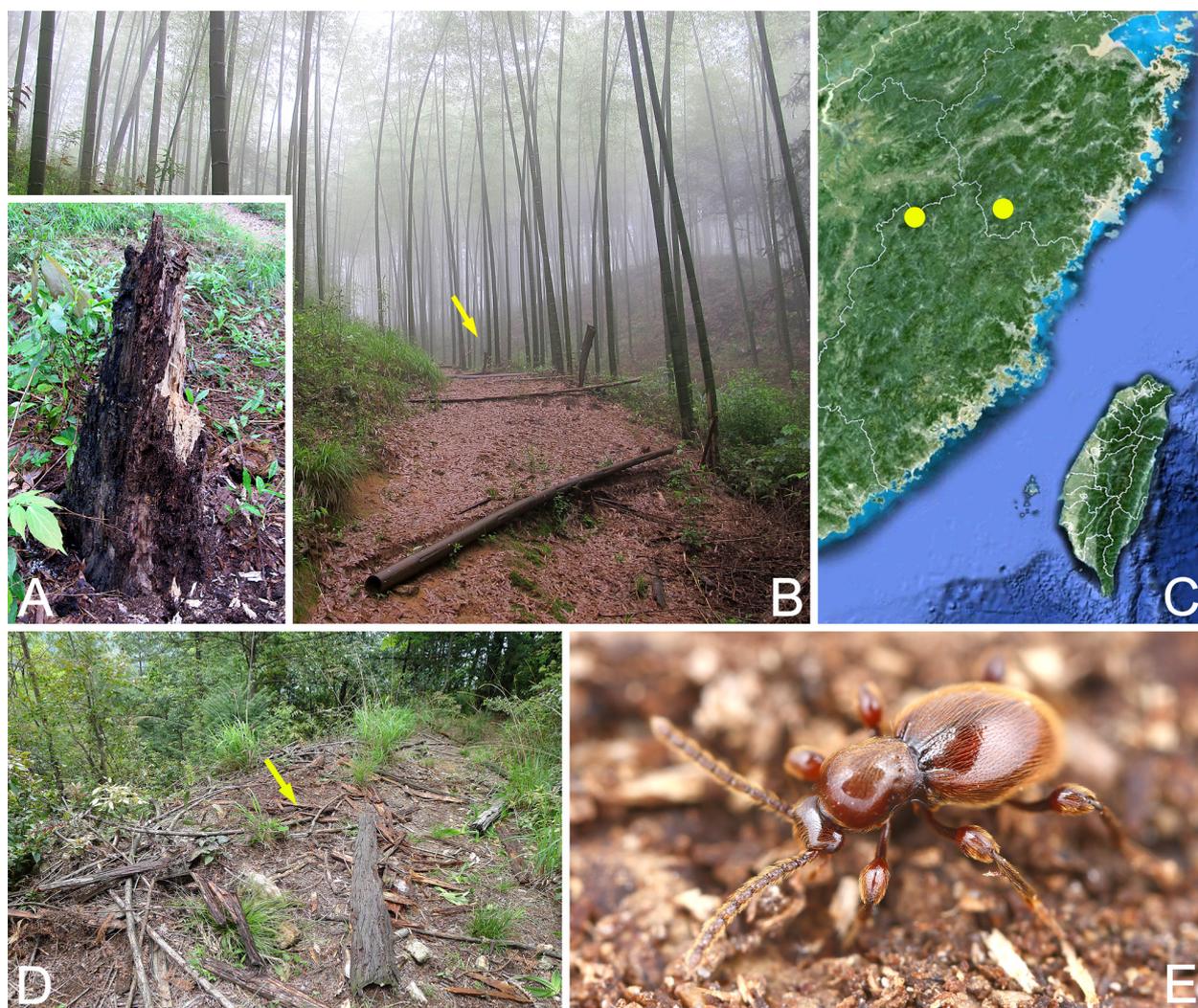


FIGURE 3. Habitat and distribution of *Syndicus jaloszyński*. **A.** Rotten trunk where the holotype was collected. **B.** General habitat of the holotype. **C.** Distribution of *S. jaloszyński* in East China. **D.** Rotten coniferous woods on a path at Fengyang Shan, where the two female paratypes were collected. **E.** A living *Syndicus jaloszyński* on the wood.

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