



Taxonomy of the genus *Indoquedius* Blackwelder (Coleoptera: Staphylinidae: Staphylininae) of China with description of four new species

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Abstract

This paper studies the taxonomy of the genus *Indoquedius* Blackwelder occurring in China. Four new species are described: *Indoquedius aculeus* **sp. nov.** from Sichuan, *I. bicornutus* **sp. nov.** from Sichuan and Yunnan, *I. nonparallelus* **sp. nov.** from Yunnan and *I. radius* **sp. nov.** from Fujian. Altogether ten species of this genus are recorded now from China. The distribution map is also presented for all these species in the paper.

Key words: China, *Indoquedius*, new species, Quediina, Staphylinidae

Introduction

Indoquedius was originally described as a subgenus of the genus *Quedius* Stephens (Cameron 1932). Blackwelder (1952) validated the name *Indoquedius* by designating *Quedius oculatus* Fauvel, 1895 as its type species. Subsequently Smetana (1988) elevated *Indoquedius* to the genus level and gradually, as a result of transferring more species from *Quedius* to *Indoquedius* and the process of discovering more species (Smetana 1988, 1995, 2001; Rougemont 2001; Zheng & Wang 2007; Hayashi 2009), the list of the world fauna of the genus *Indoquedius* included 18 species before this study.

Most species of the genus *Indoquedius* Blackwelder occur in Himalaya and in Southern and Southeastern Asia. Only one species, *Indoquedius grandiceps* (Kraatz, 1879), occurs in Russian Far East, another one, *Indoquedius junco* (Sharp, 1874), is endemic to Japan, and *Indoquedius praeditus* (Sharp, 1889) occurs in Japan and Korea. Of the entire genus six species were reported to occur in China, with three of them being endemic to Taiwan (Smetana 1995, 2001; Zheng & Wang 2007; Herman 2001b). In this paper the taxonomy of the genus *Indoquedius* of China is studied. Four new species are described: *Indoquedius aculeus* **sp. nov.** from Sichuan, *Indoquedius bicornutus* **sp. nov.** from Sichuan and Yunnan, *Indoquedius nonparallelus* **sp. nov.** from Yunnan, and *Indoquedius radius* **sp. nov.** from Fujian. Distributions of 10 *Indoquedius* species known to occur in China are presented in a map.

Material and methods

Most of the specimens used in the study, including the types of the new species, are deposited in the Institute of Zoology, the Chinese Academy of Sciences (IZ-CAS); some paratypes will be maintained in the Zoological Museum, University of Copenhagen. One holotype and one syntype were borrowed for examination from the Natural History Museum, London (NHM).