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The Cephenniini of China. VI. New species and new records of *Cephennodes* Reitter from Hainan, Guangxi and Guangdong (Coleoptera: Staphylinidae: Scydmaeninae)

PAWEŁ JAŁOSZYŃSKI

Museum of Natural History, Wrocław University, Sienkiewicza 21, 50-335 Wrocław, Poland. E-mail: scydmaenus@yahoo.com

Abstract

Five new Chinese species of *Cephennodes* (s. str.) are described: *C. bicavatus* sp. n. (Guangdong), *C. pseudobos* sp. n. (Guangxi), *C. huapingensis* sp. n. (Guangxi), *C. elevatus* sp. n. (Guangxi), and *C. gaozhaianus* sp. n. (Guangxi). *Cephennodes qiongdaoanus* Jałoszyński and *C. capricornis* Jałoszyński are recorded for new localities in the provinces of Guangxi and Hainan, respectively. Diagnostic characters of all hitherto known representatives of the *Cephennodes taurus*, *Cephennodes bos* and *Cephennodes impressifrons* species groups are compiled.

Key words: Coleoptera, Staphylinidae, Scydmaeninae, Cephenniini, *Cephennodes*, new species, eastern Palaearctic, China

Introduction

In previous papers focused on the Cephenniini of the People's Republic of China 57 new species of *Cephennodes* Reitter, 1884 were described (Jałoszyński 2007a, b, 2012a, b). This cephenniine genus is particularly species-rich and morphologically diverse in eastern Palaearctic, and Chinese material accumulated in various museum and private collections represents hundreds of yet undescribed species (Jałoszyński, unpublished obs.). *Cephennodes* is one of only two genera of Cephenniini found so far in the People's Republic of China, and together with *Euconnus* Thomson, 1859 and *Scydmaenus* Latreille, 1802 it is a dominant scydmaenine genus in moist forest leaf litter, especially in mountainous and subtropical areas. *Cephennomicrus* Reitter, 1907, the other member of Cephenniini found in China, is very rare and only one species has been described from this vast area (Jałoszyński 2005), but several others await description (Jałoszyński, unpublished obs.).

Cephennodes is a predominating cephenniine genus in eastern Palaearctic and southeastern Asia in terms of species richness and abundance. It can be easily identified on the basis of a pair of shallow lateral pronotal antebasal pits, large setose basal fovea on each elytron and procoxae separated by a prosternal process which in lateral view is long, strongly projecting ventrally and distinctly bent caudad (Jałoszyński 2007a). To facilitate further study, several distinct species groups were proposed (Jałoszyński 2007b, 2012a, b). The species groups are typically based on male secondary sexual characters (modifications of the head or legs) and genital structures. For this reason, all unremarkable species with unmodified body parts and "generalized" aedeagi remain unplaced in any group. Many species have very uniform external appearance and can be identified only on the basis of male genital characters, and in some cases the aedeagi are extremely similar in species that clearly differ in external features. Therefore, measurements, punctation, setation, proportions and shapes of body parts and the aedeagus examined both in ventral and lateral views must be carefully studied to identify species.

Species of *Cephennodes* hitherto known to occur in China inhabit Fujian, Jiangxi, Guangxi, Yunnan, Sichuan, Shaanxi, Guizhou, Zhejiang and Hainan Provinces (Jałoszyński 2007a, b, 2012a, b). In the present paper *Cephennodes* is reported for the first time to occur also in Guangdong, new species are described from Guangxi, and new records of previously described species in Hainan and Guangxi are provided.