



## Two new species and additional faunistic records of *Cercyon* Leach, 1817 from China (Coleoptera: Hydrophilidae)

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### Abstract

Two new species of *Cercyon* Leach, 1817 are described from China: *Cercyon* (s.str.) *bellus* sp. nov. from Hebei, Hubei, and Jiangxi Provinces, and *Cercyon* (s.str.) *biltoni* sp. nov. from Sichuan. Five species are recorded from China for the first time: *Cercyon* (*Acycreon*) *punctiger* Knisch, 1921, *Cercyon* (*Paracercyon*) *analís* Seidlitz, 1888, *Cercyon* (s.str.) *algarum* Sharp, 1973, *Cercyon* (s.str.) *borealis* Baranowski, 1985, *Cercyon* (s.str.) *tristis* (Illiger, 1801). Additional faunistic data from China are provided for *Cercyon* (s.str.) *alinae* Ryndevich, 2004, *Cercyon* (s.str.) *inquinatus* Wollaston, 1854, *Cercyon* (s.str.) *kabaki* Ryndevich, 2004, *Cercyon* (s.str.) *olibrus* Sharp, 1874, *Cercyon* (s.str.) *ovillus* Motschulsky, 1860, *Cercyon* (*Clinocercyon*) *incretus* d'Orchymont, 1941, *Cercyon* (*Clinocercyon*) *hanseni* Jia, Fikáček & Ryndevich, 2011 and *Cercyon* (*Paracercyon*) *honorabilis* Shatrovskiy, 1999. A checklist to all species of the genus known from China is provided.

**Key words:** Hydrophilidae, *Cercyon*, new species, new records, China, Palaearctic Region, Oriental Region

### Introduction

*Cercyon* Leach, 1817 is the most species-rich genus of terrestrial water scavenger beetles (Hydrophilidae) in China. d'Orchymont (1935) first provided a detailed checklist of Chinese *Cercyon*, which was also cited by Wu (1937). Hansen (1999) compiled a world catalogue of Hydrophiloidea and updated the list of known Chinese species of *Cercyon*. Since then, many new species or species new for the Chinese fauna have been reported (e.g., Jia *et al.* 1995, 2011; Jia 2002, 2010; Hebauer 2002; Hansen 2004; Ryndevich 2004a; 2017; Short & Hebauer 2006; Short & Fikáček, 2011; Fikáček *et al.* 2015; Ryndevich *et al.* 2017). In recent years, a series of papers reviewing most species of *Cercyon* of Russia and adjacent regions including China were also published by Ryndevich (2004b, 2006a, 2006b, 2008; Ryndevich & Hebauer 2010). These contributions further clarified the Chinese *Cercyon* fauna and made the identification of newly collected material possible.

Despite the aforementioned studies, a detailed survey of the *Cercyon* fauna of China remained elusive, although a rather large amount of material of the genus from China has been accumulated in recent decades. Many unidentified specimens are deposited in Chinese and European museums, likely representing numerous undescribed species. Revealing their identity is a time-consuming task, as they need to be ideally compared with described species from both Oriental and Palaearctic Regions (e.g., Ryndevich *et al.* 2017). In this contribution, we summarize the progress in these studies: two species are described as new to science, and first or additional Chinese records are provided for another 14 species.