

A taxonomic review of the Chinese species from the genus *Ascelosodis* Redtenbacher (Coleoptera: Tenebrionidae), with descriptions of three new species

GUO-DONG REN¹ & AI-MIN SHI^{1,2}

¹College of Life Sciences, Hebei University, Baoding, Hebei 071002, China. E-mail: gdren@mail.hbu.edu.cn

²College of Life Sciences, China West Normal University, Nanchong, Sichuan 637002, China.
E-mail: aiminshi2003@yahoo.com.cn

Abstract

Three new species of *Ascelosodis* Redtenbacher, 1868, *A. emarginata*, **sp. nov.**, *A. punctulata*, **sp. nov.** and *A. rugulosa*, **sp. nov.** are described from the Tibetan Plateau, China. *A. emarginiventris* Koch, 1948, *A. everestina* Blair, 1923, *A. longstaffi* Blair, 1923, *A. nitida* Blair, 1923, *A. thibetana* Blair, 1923, and *A. waltoni* Blair, 1923 are originally known in Tibet, and *A. haagi* Bates, 1879, *A. reinigi* Koch, 1948, *A. schmidi* Kaszab, 1965 and *A. serripes* Redtenbacher, 1868 are reported from China for the first time. A key to all 13 species of Chinese *Ascelosodis* is given. All Chinese species are distributed in Midwest Tibet (the eastern border is Nang County, 29°06' N, 93°12' E).

Key words: Coleoptera, Tenebrionidae, *Ascelosodis*, new species, identification key, Tibet, China

Introduction

Ascelosodis Redtenbacher, 1868 was transferred from the tribe Tentyriini Solier, 1835 (Solier 1835) to the tribe Eurymetopini Casey, 1907 (Casey 1907) based on the female internal tract, spiculum and other morphological features (Doyen 1993). So far, 20 species were reported (Redtenbacher 1868; Bates 1879; Fairmaire 1891; Blair 1923; Reinig 1931; Gridelli 1934; Koch 1943, 1948; Kaszab 1959, 1961, 1965, 1968; Kaszab *et al.* 1978). They are distributed in higher altitudes of the Tibetan Plateau and adjacent areas (the range spreads from Tadzhikistan in the north to Sikkim in the south, and from Afghanistan in the west to Tibet, China in the east).

In an expedition between 5 June and 7 August 2004, we collected 11 *Ascelosodis* species in Tibet, of which *A. serripes* Redtenbacher, 1868 from Rutog, *A. haagi* Bates, 1879 from Burang, Gar and Zanda, *A. schmidi* Kaszab, 1965 from Lhuntse, and *A. reinigi*