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Two new species of the genus *Anthaxia* (*Anthaxia* Eschscholtz 1829) from China, and notes on the related species (Coleoptera: Buprestidae: Anthaxiini)

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Abstract

Anthaxia (*Anthaxia*) *kmoniceki* **sp. nov.** and *Anthaxia* (*Anthaxia*) *ungulata* **sp. nov.** (China, Sichuan) both belonging to the *A. (A.) nitidula* Linnaeus, 1758 species-group are described, illustrated and compared with the most similar species. A short description of the male and new records of *Anthaxia (A.) nitiduliformis* Bílý, 1995 are given together with the notes on the bionomy of the species-group.

Key words: taxonomy, bionomy, Coleoptera, Buprestidae, Anthaxiini, new species, China

Introduction

During the determination of specimens of the genus *Anthaxia* Eschscholtz, 1829 from China collected in the recent years by various collectors I found two undescribed species belonging to the *A. (A.) nitidula* Linnaeus, 1758 species-group which are described in the present paper. Quite recently I described from the same area (Bílý, 1995a) another very similar species from the same species-group (*A. (A.) nitiduliformis* Bílý, 1995). This species and *A. (A.) kmoniceki* **sp. nov.** develop in the Conifers unlike the western Palearctic species of this group which develop in broad-leaved plants. The host plants of other eastern species of the group, (*A. (A.) unguolata* **sp. nov.**, *A. (A.) chinensis* Kerremans, 1898 and *A. (A.) pengi* Bílý, 1990), unfortunately remain unknown. Since *A. (A.) nitiduliformis* was described only from one female specimen, I have added a short list of new records of this species and a brief description of the male.

Material and methods

A Canon D-550 digital camera with attached Canon MP-E65mm f/2.8-5x macro lens was used to capture the colour images.

The body length was measured along the mid-line of the body along the elytral suture (the same for the pronotal and elytral length); the width of body is the maximum body width (usually the maximum span between lateral pronotal margins or between outer margin of humeral callosities). The double slash (//) is used for the separating data on the different labels.

Codens used in the text:

EKCS collection of Emil Kučera, Soběslav, Czech Republic
NMPC National Museum, Prague, Czech Republic