Bembidion (Plataphodes) kmecoi sp. nov. from China, Sichuan
(Coleoptera: Carabidae: Bembidiina)

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Abstract

Bembidion kmecoi sp. nov., herewith described, sister species of Bembidion farkaci Toledano & Sciaky, 1998, is the third species of the subgenus Plataphodes Ganglbauer, 1891 known from China. A key for the identification of these species is provided. Another species, B. elatum Andrewes, 1930, formerly known as Plataphodes, is transferred to Blepharoplataphus Netolitzky, 1920.

Nomenclatorial acts proposed in this paper: Description of Bembidion (Plataphodes) kmecoi sp. nov. (China); Species transferred from Bembidion subg. Plataphodes Ganglbauer, 1891 to Bembidion subg. Blepharoplataphus Netolitzky, 1920: B. elatum Andrewes, 1930.

Key words: Blepharoplataphus, taxonomy, new species, key for species

Introduction

While studying material of the Coll. Kmeco, we found a species collected in China by one of us (O. N.), looking at a first sight identical to Bembidion farkaci Toledano & Sciaky, 1998 but actually showing three discal elytral pores on each elytron instead of the two of B. farkaci. Evident differences in the shape of the median lobe of aedeagus confirm that the specimens belong to a new undescribed taxon.

Material and methods

This paper is based on the study of 10 specimens belonging to Bembidion subg. Plataphodes Ganglbauer, 1891 from China.

Sources of material are the collections of the following institutions and specialists:

BMNH    The Natural History Museum, London (Dr. Max Barclay)
CFKP    Jan Farkaš Collection, Prague, Czech Republic
CKMC    Rudolf Kmeco Collection, Litovel, Czech Republic
CONC    Oto Nakládal Collection, Víška u Litovle, Czech Republic
CRNS    Karel Rébl Collection, Nové Strašecí, Czech Republic
CTVR    Luca Toledano Collection, Verona, Italy
NHMB    Naturhistorisches Museum, Basel, Switzerland (Dr. Michel Brancucci, Dr. Eva Sprecher)
NMPC    National Museum, Prague, Czech Republic (Dr. Jiří Hájek)

Measurements of external morphology were made with a Leica MZ12 stereobinocular microscope at 25x. The