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Two new species of *Kokeshia* from China (Hemiptera: Heteroptera: Schizopteridae)

DÁVID RÉDEI^{1,2}, SHUZH REN¹ & WENJUN BU¹

¹Institute of Entomology, College of Life Sciences, Nankai University, Tianjin, 300071, China

²Hungarian Natural History Museum, H-1088 Budapest, Baross u. 13, Hungary

²redei@nhmus.hu

Abstract

Kokeshia xiei sp. nov. and *K. zhengi* sp. nov. (Hemiptera: Heteroptera: Dipsocoromorpha: Schizopteridae) are described from Hainan and Hubei Provinces of China, respectively.

Key words: Schizopteridae, *Kokeshia*, taxonomy, new species, habitat, China.

Introduction

The genus *Kokeshia* Miyamoto, 1960 (Hemiptera: Heteroptera: Dipsocoromorpha: Schizopteridae) currently contains six described species occurring in India, Nepal, Thailand, China, and Japan; specimens from several countries representing undescribed species have been seen (D. Rédei *pers. observ.*). The morphology of *K. esakii* Miyamoto, 1960 (the type species) and *K. martensi* Štys, 1985 was documented in detail (Miyamoto 1960, Štys 1985, respectively). The literature on the genus was reviewed and the species were keyed by Rédei (2008).

A single species, *K. hsiaoi* Ren & Zheng, 1992 was reported from China (Zhejiang Province) so far (Ren & Zheng 1992). Specimens of two further species of *Kokeshia* have recently been collected in Hainan and Hubei Provinces of China and they are described as new in the present paper.

Material and methods

External and genital structures were examined using stereoscopic (Olympus SZX9) and optical (XSZ-N107, Olympus CX21) microscopes. All drawings were made from alcohol-glycerol slide mounts using a camera lucida; genitalia were studied after careful and incomplete macerating in cold KOH solution. Measurements were taken using a micrometer eyepiece. Abbreviations for depositories: HNHM, Hungarian Natural History Museum, Budapest, Hungary; NKUM, Institute of Entomology, Nankai University, Tianjin, China.

Since a detailed holomorphological study of *K. martensi* was presented by Štys (1985), and the two new species are highly similar to the latter species in most characters of the exoskeleton, it was judged to be unnecessary to describe all body parts in detail. For most body parts we only emphasize the differences with *K. martensi*, and provide detailed description of the abdomen only.

Taxonomy

Kokeshia Miyamoto, 1960

Kokeshia Miyamoto, 1960: 163. Type species by original designation: *Kokeshia esakii* Miyamoto, 1960.

References. Reviewed by Rédei (2008).