



A new species of the genus *Papirioides* (Collembola: Dicyrtomidae) from China

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Abstract

A new species, *Papirioides zhejiangensis*, is described from Zhejiang Province of East China. It shares the presence of a dorsal club on the great abdomen with the two Indonesian species, *P. tonsori* Greenslade 1994 and *P. jacobsoni* Folsom 1924, and the Japanese species *P. uenoi* Uchida 1957. The new species is close to *P. tonsori* in the circumanal and dens setae; however, it differs from the latter in the facial setal pattern, length of dorsal club on the great abdomen, and number of short spines on the club. It is very similar to *P. jacobsoni* in the color pattern; however, it is readily distinguished from the latter by the facial setal pattern, length of dorsal club on the great abdomen, circumanal setae and other features. A species list and a key to the species of the genus are provided.

Key words Collembola, Dicyrtomidae, *Papirioides zhejiangensis* sp. nov., China

Introduction

The genus *Papirioides* was erected by Folsom in 1924 for the species from Sumatra, *Papirioides jacobsoni*. This genus is similar to *Ptenothrix* Börner, 1906 in almost all characters except the presence of a median club-like or helmet-like projection on the dorsum of fourth abdominal segment and several strongly transformed setae on top of the projection.

So far, nine species have been described in the genus from the world as listed below. Six of them were found in China.

Genus *Papirioides* Folsom, 1924

1. *aequituberculatus* Stach, 1965; Vietnam (Cha-pa), China (Fujian)
2. *caishijiensis* Wu & Chen, 1996; China (Anhui)
3. *dubius* Folsom, 1932; U.S.A. (Hawaii)
4. *jacobsoni* Folsom, 1924; Indonesia (Sumatra), Japan, China (Anhui)
5. *mirabilis* (Denis), 1929; China (Fujian)
6. *suzhouensis* Guo & Chen, 1996; China (Jiangsu)
7. *tonsori* Greenslade, 1994; Indonesia (Sulawesi)
8. *uenoi* Uchida, 1957; Japan (Nagano)
9. *yunnanus* (Itoh & Zhao), 1993; China (Yunnan)