

The Chinese *Folsomia* with a description of a new species (Collembola: Isotomidae)

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Abstract

A key to Chinese species of the genus *Folsomia* is provided and a new species, *Folsomia nanjingensis*, is described from Jiangsu Province, China. It is easily distinguished from other species in the genus by the body sensillar formula, number of ommatidia, setae on the anterior manubrium and other characters.

Key words: Collembola, Isotomidae, *Folsomia nanjingensis* sp. nov., China

Introduction

Folsomia Willem, 1902 is one of the largest genera in the family Isotomidae. It differs from the other Isotomidae in the following characters: the last three abdominal segments fused, PAO present, well-developed, but rather short furcula, retinaculum with 4+4 teeth and a single large seta, anal spines absent.

So far, about 130 species have been described all over the world. However, only 9 of them have been reported from China (Zhao et al, 1997) and only *F. minipunctata* Zhao & Tamura, 1992 is found to be endemic to China. A checklist of Chinese species of *Folsomia* as reference to their distribution in China and the world is provided.

1. *F. candida* Willem, 1902. It was recorded from Hunan, Guangdong, Zhejiang of China and from all other countries.

2. *F. decemoculata* Stach, 1946. It was recorded from Beijing of China and from Portugal, Switzerland, Australia, S France, Serbia Bosnia & Hercegovina of Southern and Central Europe.

3. *F. diplophthalma* (Axelson, 1902). It was recorded from Jiangsu, Shanghai, Shanxi, Zhejiang of China and from N European and Siberian part of Russia.

4. *F. inoculata* Stach, 1947 (after Potapov 2001). It was recorded from Hunan,