



A new *Dicranocentrus* species (Collembola: Entomobryidae) from China with a key to all species in the genus from Asia

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Abstract

A new species, *Dicranocentrus wangi*, is described from Guangdong, South China. The new species is most similar to the Philippine species *D. luzonensis* Mari Mutt, 1985 and the Singapore species *D. simplex* Yosii, 1959 in the arrangement of dental spines, but differs from them in the number of dental spines and in other characters. A key to Asian species of *Dicranocentrus* is provided.

Key words: *Dicranocentrus wangi*, Guangdong

Introduction

The genus *Dicranocentrus* Schött, 1893 is characterized by having 6-segmented antennae, 8+8 eyes, and the body and furcula covered by apically rounded scales. Up to now, 60 species have been described from all over the world and about half of them were from Asia. Two species have been reported from China: *D. indicus* Bonet, 1930 from Taiwan and *D. chenae* Ma *et al.*, 2006 from Guangxi Province. Herein, we describe a second new species of *Dicranocentrus* from Guangdong Province, mainland China.

Abbreviation: ant., th. and abd. stand for antennae, thorax and abdomen, respectively.

Key to the Asian *Dicranocentrus* species

1	Dental spines absent	2
-	Dental spines present	21
2	Abd. I without macrochaetae	3
-	Abd. I with macrochaetae	4
3	Seven macrochaetae in posterior group on dorsal head, abd. IV with 3 macrochaetae	<i>halophilus</i>
-	Four macrochaetae in posterior group on dorsal head, abd. IV with 2 macrochaetae	<i>litoreus</i>
4	Abd. I with 2 macrochaetae	<i>singularis</i>
-	Abd. I with more than 2 macrochaetae	5
5	Abd. I with 3 macrochaetae	6
-	Abd. I with more than 3 macrochaetae	12
6	Tibiotarsi with smooth setae	7