



A new species of *Lobellina* (Collembola: Neanuridae) from China

ZHI-CHUN MA¹ & JIAN-XIU CHEN^{1,2}

¹School of Life Science, Nanjing University, Nanjing 210093, P. R. China. E-mail: mazhichun1981@yahoo.com.cn

²Corresponding author. E-mail: chenjx@nju.edu.cn

Abstract

The genus *Lobellina* is reported from China for the first time by a new species, *Lobellina nanjingensis*, described here. The species is assigned *Lobellina* because most, but not all, characters comply with the diagnosis of the genus given by Deharveng and Weiner (1984). It is suggested that the generic diagnosis needs to be slightly modified to take account of the characters of the new species. *Lobellina nanjingensis* **sp. nov.** differs from all known members of the genus in the specific character of 5+5 setae on ventral tube. It is similar to the Korean species *L. paraminuta* Deharveng and Weiner, 1984 in the structure of mandible and maxilla, the presence of cephalic seta O, the number of setae on tubercle Di of Abd. V and the number of dorsal tubercles on Abd. V. However, it is easily distinguished from the latter species by the body colour, the number of ventral tube setae, the structure of macrosetae, the type of cephalic seta O and the number of ocular setae.

Key words: *Lobellina nanjingensis* **sp. nov.**, taxonomy, chaetotaxy, checklist of species, springtails

Introduction

The taxon *Lobellina* was erected by Yosii in 1956 as a subgenus of the genus *Lobella* Börner, 1906. It was raised to the generic status by Cassagnau (1983) and redefined by Deharveng and Weiner (1984). The following 11 species were assigned to the genus *Lobellina* by Deharveng and Weiner (1984).

Family Neanuridae

Subfamily: Neanurinae Börner, 1901

Genus *Lobellina* Yosii, 1956

1. *chosonica* Deharveng and Weiner, 1984. Korea
2. *ionescui* (Massoud & Gruia, 1974). Cuba
3. *ipohensis* (Yosii, 1976). Malaysia
4. *kitazawai* Yosii, 1969. Japan
5. *minuta* (Lee, 1980). Korea
6. *montana* Deharveng and Weiner, 1984. Korea
7. *musangensis* Yosii, 1976. Malaysia
8. *paraminuta* Deharveng & Weiner, 1984. Korea
9. *perfusionides* (Stach, 1965). Vietnam