

Troglodontobdella, a New Replacement Name for the Preoccupied *Troglobdella* Liu and Nakano, 2025 (Hirudinea: Erpobdelliformes: Salifidae)

Zichao Liu^{1,3} and Takafumi Nakano^{2,3}

¹ Engineering Research Center for Exploitation & Utilization of Leech Resources in Universities of Yunnan Province, College of Agriculture & Life Sciences, Kunming University, Kunming 650214, China
E-mail: abclzc@aliyun.com

² Department of Zoology, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan
E-mail: nakano@zoo.zool.kyoto-u.ac.jp

³ Corresponding authors

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Troglodontobdella nom. nov. is herein proposed as a replacement name for the salifid leech genus *Troglobdella* Liu and Nakano in Liu, Li, Wu, Lin, Li, Nakano, and Liu, 2025, because the latter genus-group name is preoccupied by the acariform genus *Troglobdella* Oudemans, 1937.

Key Words: Hirudinida, Acariformes, Principle of Homonymy, China.

Introduction

The salifid leech genus *Troglobdella* Liu and Nakano in Liu, Li, Wu, Lin, Li, Nakano, and Liu, 2025 was established for the troglobitic species *T. guizhouensis* Liu and Nakano in Liu et al., 2025, which is endemic to Chishui Cave in Guizhou Province, China (Liu et al. 2025). However, this genus-group name is preoccupied by the bdellid mite *Troglobdella* Oudemans, 1937 (Arachnida: Acariformes: Trombidiformes), which was erected for the eyeless species *Scirus obisium* Gervais, 1841 (Oudemans 1937). Although the mite genus-group name was subsequently synonymized with *Cyta* von Heyden, 1826 by Atyeo (1960) (see also Hernandez et al. 2016), the leech genus *Troglobdella* remains a junior homonym and therefore requires a new replacement name.

Genus *Troglodontobdella* nom. nov.

Troglobdella Liu and Nakano in Liu et al., 2025: 2125 [non *Troglobdella* Oudemans, 1937 (Acariformes: Trombidiformes), a junior subjective synonym of *Cyta* von Heyden, 1826].

Type species. *Troglobdella guizhouensis* Liu and Nakano, 2025; fixed by original designation for *Troglobdella* Liu and Nakano.

Etymology. The replacement genus-group name is a compound noun derived from Ancient Greek “troglos” (cave) and “*Odontobdella* Oka, 1923”, referring to the fact that its type species is a cave-dwelling species phylogenetically related to

the genus *Odontobdella*. The gender is feminine.

Included species. *Troglodontobdella guizhouensis* (Liu and Nakano, 2025) comb. nov.

Data Availability Statement

All data supporting the findings of this study are included in the published article.

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Author Contributions

Zichao Liu: Writing – review & editing. Takafumi Nakano: Writing – original draft.

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Declarations

Competing interests. The authors declare no conflicts of interest.

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