

***Isohypsibius panovi*, a new species of Tardigrada from Ireland (Eutardigrada, Hypsibiidae)**

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Abstract

Isohypsibius panovi sp. n. (Tardigrada) is described from a lichen sample collected in Ireland.

Key words: Tardigrada, *Isohypsibius panovi*, Ireland, systematics

Introduction

In September 2004 a few samples of moss and lichens were collected by Dr. V. E. Panov (Zoological Institute Russian Academy of Sciences, St.-Petersburg), in the vicinity of Bellharbour, Republic of Ireland. During the investigation of this material a new species of *Isohypsibius* genus was found.

Materials and methods

The examined material consisted of dried soil lichen sample. Specimens were fixed with acetic acid and then mounted in Faure fluid. All specimens were examined with phase-contrast microscope. The *pt* index is the ratio of the length of a given structure to the length of the buccal tube expressed as a percentage (Pilato 1981).

Holotype and paratypes of new species are deposited in the author's collection at the Zoological Institute Russian Academy of Sciences, St.-Petersburg, Russia.

***Isohypsibius panovi* sp. n.**

(Figs. 1–8, Tab. 1)

Holotype. Slide number 222(4) (sex indet). Collected by Dr. V. E. Panov (Zoological Institute of the Russian Academy of Sciences, St.-Petersburg) 24.09.2004, Republic of Ireland.