

***Trulliobdella bacilliformis* (Brinkmann, 1948) (Hirudinida: Piscicolidae) – morphometry and structure of the digestive and reproductive systems**

Aleksander Bielecki, Joanna M. Cichocka, Iwona Jeleń, Aldona Walerzak

Department of Zoology, Faculty of Biology and Biotechnology, University of Warmia and Mazury in Olsztyn, Oczapowskiego 5, 10-719 Olsztyn, Poland

Corresponding Author: Aleksander Bielecki; e-mail: alekb@uwm.edu.pl

The aim of this study was the morphometric analysis as well as diligent description of the structure of the digestive and reproductive systems of *Trulliobdella bacilliformis*. The leeches were collected from the Admiralty Bay, King George Island (South Shetland Islands, Antarctica), in the vicinity of the Henryk Arctowski Polish Antarctic Station. Biometrics and internal morphology were analysed in 57 and 30 individuals, respectively.

Structure of the digestive system: The study showed no differences in the structure and repeatability in the construction of the digestive system of the analysed individuals.

Structure of the reproductive system: Analysis of the structure of the reproductive system showed a variation in characteristics such as number of testes, position and length of the ovisacs and the shape of the atrium in analysed individuals.