

New finds of naked amoebae in the Tereblia River (Zakarpattia Oblast, Ukraine)

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Abstract

Naked amoebae are heterotrophic eukaryotic organisms that are common inhabitants of freshwater and marine environments and soil. Some species are parasites of humans and animals. Today, more than 700 really described species are known. While studying the fauna of these protists in various types of water bodies in Ukraine, we are constantly registering new species. For example, in the Tereblia River in Zakarpattia Oblast, we found 17 species, 6 of which are new to the fauna of Ukraine. These are species: *Chaos nobile*, *Deuteroamoeba mycophaga*, *Hartmannella vermoformis*, *Hartmannella cantabrigiensis*, *Saccamoeba limna*, *Saccamoeba limax*, *Saccamoeba stagnicola*, *Saccamoeba* sp., *Thecamoeba* sp., *Vannella cirrifera*, *Vannella lata*, *Korotnevella* sp., *Leptomyxa* sp., *Acanthamoeba* sp., *Cochliopodium bilimbosum*, *Gocevia* sp. All species found were recorded at a water temperature of +12-16 °C; pH – 7.0-7.1; concentrations of dissolved oxygen in water – 4.6-6.3 mg/l; concentration of organic substances dissolved in water – 10.5-14.8 mgO₂/l. The frequency of occurrence of registered species ranged from 5.0 to 10.2 %.

Key words naked amoebae, Tereblia River, Ukraine.