

Kiziewicz, B. 2008. The diversity of aquatic fungi and fungus-like organisms in the Biała River in Białystok, Poland. – *Mycologia Balcanica* **5**: 39-43.

Abstract. During studies concerning the occurrence of some fungi and fungus-like organisms in the Biała River in Białystok, forty-three species were established. Among 34 straminipilous fungi, the most common species were *Achlya americana*, *A. debaryana*, *A. polyandra*, *Aphanomyces laevis*, *Dictyuchus monosporus*, *Pythium debaryanum*, *Saprolegnia ferax*, and *S. parasitica*. New for the Polish fungal biota were *Achlya ambisexualis*, *Calyptralegnia basraensis*, and *Achlya papillosa*. *Achlya crenulata*, *A. diffusa*, *A. flagellata*, *Aphanomyces stellatus*, and *Pythium afertile* were considered rare. Physical and chemical analyses showed that the water of Biała River in Białystok had a high content of ammonium nitrogen and phosphate, reflecting poor cleanliness.

Key words: aquatic fungi, fungus-like organisms, hydrochemistry, Poland, river