

Czczuga, B. & Muszyńska, E. 2005. Aquatic fungi and fungus-like organisms from decomposing fragments of floating-leaved plants. – *Mycologia Balcanica* **2**: 83-90.

Abstract. The authors investigated aquatic fungi and chromistan organisms (fungus-like organisms) growing on dead fragments of 7 species of floating-leaved plants (*Limnanthemum nymphoides*, *Nuphar luteum*, *Nuphar pumilum*, *Nymphaea alba*, *Nymphaea candida*, *Polygonum amphibium* f. *natans* and *Potamogeton natans*) in the water from three limnological and trophical different water bodies (spring, river and pond). They identified 106 species including 42 chromistan organisms and 64 fungus species, found on the fragments. A number of chromistan organisms and fungus species (*Catenomyces persicinus*, *Nowakowskiella profusa*, *Polyphagus parasiticus*, *Rhipidium americanum*, *Rhipidium interrupta*, *Rhipidium partenosporum*, *Sporodina grandis*, *Endophragmiella latifusiformia*, *Pseudocercospora manuensis* and *Saprochaete ramosissima*) are recorded as new to Polish waters.

Key words: aquatic fungi, floating-leaved plants, fungus-like organisms, Poland