

SUMMARY

Wilga M.S., Ciechanowski M. Refuge of macromycete fungi and slime-moulds in the Lasy Oliwskie Forests (Trójmiejski Landscape Park, N Poland).

Chrońmy Przyrodę Ojczystą **63** (6): 82–101, 2007.

The site of exceptionally high species richness of Macromycetes was found in the forest division 119 of Renuszewo Forest Range (the Lasy Oliwskie Forests, Trójmiejski Landscape Park within municipal area of Gdańsk). In total, 114 species of fungi (14 of Ascomycetes, 99 of Basidiomycetes, and 1 of Urediniomycetes) and 20 species of slime-moulds (Myxomycetes) were recorded in 1998–2006. Four species – *Mutinus caninus*, *Sparassis crispa*, *Strobilomyces strobilaceus* and *Fistulina hepatica* are strictly protected in Poland, *Inonotus obliquus* is partially protected, while 12 species are included in the Polish Red List of Fungi (e.g. *Phleogena faginea*, *Oligoporusptychogaster*, *Tricholomopsis decora*). Authors propose to introduce some conservation practices in this refuge, mainly by changes in forestry management measures applied to this area resulting in leaving some old-growth stands and all amounts of dead and decaying wood. This would preserve mycological values of the studied forest, even if no formally protected area (e.g. as a nature reserve) is established there in the coming future.