

## CHANGES IN CHEMISTRY AND BIOLOGY OF THE MESOTROPHIC WATER RESERVOIR AFTER AN EXTRAORDINARY LEVEL DECREASE

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Opatovice Water Reservoir is an important source of drinking water for the district town of Vyškov in South Moravia, northeast of Brno. After a partial decrease in the level in 2012 and after a significant reduction in 2017 there were marked changes in the chemistry and in the biology of the tank. There has been a deterioration of the oxygen regime, an increase in the concentration of some substances and, in particular, the formation of a relatively intense water bloom in the late summer. Particularly unpleasant is the development of the problematic *Microcystis* genus.