

Anthropogenic Eutrophication influence on qualitative structure of Zooplankton of some reservoirs

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Eutrophication process reveals in qualitative and quantitative structure of Zooplankton in reservoirs – are changed the total amount of species and the amount of dominant forms are changed, also varies the number and biomass of Zooplanktons.

Last summer we took Planktonic material of Kumisi, Sion, Bazaleti and Tabatskuri lakes. We processed them by the Camerally way and compared with other water materials of the same time. The following picture had been revealed:

In Kumisi reservoir the amounts of Zooplankton species have been decreased threefold in 50 years, also dominant forms have been changed. Currently reigning evribiont row-legged, the amount and biomass of Zooplankton are reduced.

In Sioni reservoir we see different situation: dominant forms aren't changed so far and quantitative structure had been varied in a small frameworks.

In Bazaleti lake has been emerged Eutrophication signs: Dominant forms amount had been decreased and also the amount and biomass are changed. The same situation is in Tabatskuri Lake.