

Accepted Manuscript

Title: Zooplankton assemblage in four temperate shallow waterbodies in association with habitat heterogeneity and alternative states

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PII: S0075-9511(17)30172-X
DOI: <https://doi.org/10.1016/j.limno.2018.05.004>
Reference: LIMNO 25646

To appear in:

Received date: 9-7-2017
Revised date: 3-5-2018
Accepted date: 8-5-2018

Please cite this article as: Špoljar M, Dražina T, Lajtner J, Duić Sertić M, Radanović I, Wallace RL, Matulić D, Tomljanović T, Zooplankton assemblage in four temperate shallow waterbodies in association with habitat heterogeneity and alternative states, *Limnologia* (2018), <https://doi.org/10.1016/j.limno.2018.05.004>

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Zooplankton assemblage in four temperate shallow waterbodies in association with habitat heterogeneity and alternative states

Running head: Zooplankton in different habitats

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Highlights

- Zooplankton in shallow waterbodies is under combine impact of predation and nutrient level
- Food web modelling showed that the zooplankton was exposed to the predation risk in pelagial and littoral
- These biotic interactions were indicated as main factors for zooplankton homogenous horizontal distribution and mitigate role of macrophyte stands as shelter
- Zooplankton have important role in the matter cycling and energy flux at both alternative regimes

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