

VÝZNAM SUBMERZNÝCH KOREŇOV POBREŽNÝCH DREVÍN PRE SPOLOČENSTVÁ MAKROZOOBENTOSU RIEKY JELEŠŇA

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ABSTRACT

Gavlasová S. & Derka T. **The importance of submerged roots of riparian trees for the macroinvertebrate communities of the Jelešňa river**

Macroinvertebrate communities of different substrate types were studied at three localities of the river Jelešňa (northern Slovakia). A special attention was paid to submersed roots of riparian trees, where quantitative samples were taken and density values were calculated for all recorded orders. Qualitative samples were taken from another substrate types in order to compare the dominance values of different higher taxa (orders). All the orders recorded at the river bottom were found at submersed tree roots. No significant differences in dominance values were observed between bottom-dwelling and root-dwelling communities. Different parametres of roots have significant effect in determining community structure in some cases.

Key words: submerged roots, riparian trees, macroinvertebrate communities