

CADDISFLY (INSECTA, TRICHOPTERA) COMMUNITIES OF SELECTED TRIBUTARIES OF THE HRON RIVER

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ABSTRACT

Novikmec M. **Caddisfly (Insecta, Trichoptera) communities of selected tributaries of the Hron River**

The study of caddisflies was performed in 11 localities of selected tributaries of the Hron River. In total, 42 taxa of caddisflies were recorded. Among the studied streams, no significant differences in fauna composition and taxa richness were found. DCA analysis was performed on the recorded data in order to determine the main environmental factor influencing the caddisflies distribution. We suppose that there is a combination of factors (water temperature, altitude, discharge), which can be probably referred to as stream order, controlling the caddisflies composition of studied localities.

Key words: caddisflies, Trichoptera, communities, Hron river, tributaries, Central Slovakia