

## SPOLOČENSTVÁ MUŠKOVITÝCH (DIPTERA, SIMULIIDAE) HORNÉHO ÚSEKU RIEKY HRON

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### ABSTRACT

Illéšová D. & Halgoš J. **Blackfly communities (Diptera, Simuliidae) of the upper part of the Hron River**

We found 16 species of blackflies at five sites of the upper part of the Hron River and its tributary in 2003 and 2004. The upper part of the Hron River comprises epirhithral, metarhithral and the beginning of hyporhithral. The species *Prosimulium rufipes* (Meigen, 1830), *Simulium argyreatum* Meigen, 1838 and *S. monticola* Friederichs, 1920 are typical of the epirhithral. The species *Simulium cryophilum* (Rubtsov, 1959) and *S. vernum* (Macquart, 1838) complete this community. The occurrence of *S. variegatum* Meigen, 1818, *S. argyreatum* Meigen, 1838, *S. monticola* Friederichs, 1920 is typical of the metarhithral. The hyporhithral is characterised mainly by the occurrence of *Simulium reptans* (Linnaeus, 1758) *S. variegatum* Meigen, 1818 and *S. ornatum* Meigen, 1818. The findings of *S. bertrandi* (Grenier et Dorier, 1959), *S. aureum* (Fries, 1824) and *S. argenteostriatum* Strobl, 1898 are very interesting from the faunistical point of view.

**Key words:** blackflies, Simuliidae, community structure, Hron River, Slovakia