

Invasive and newly-recorded caddisflies (Trichoptera) from Slovakia

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In spite of relatively good knowledge on the caddisfly fauna on the territory of Slovakia (CHVOJKA & NOVÁK, 2001) the finding of new species is still possible. The investigation of little explored regions can also discover caddisfly species new to the fauna of Slovakia. Thus, during the last four years we recorded three caddisfly species which represent first records for Slovakia.

Hydropsychidae

Hydropsyche pellucidula (Curtis, 1834)

Material examined: C Slovakia, Socovce – Turiec river (7079 – grid reference number of the Databank of the fauna of Slovakia), 19.VI.2001, 1 ♂ leg. et coll. J. Lukáš, det. P. Chvojka.

Distribution: Europe except Iceland (BOTOSANEANU & MALICKY, 1978).

Remark: First finding based on imago determination.

Hydropsyche siltalai Döhler, 1963

Material examined: C Slovakia, Ružomberok – Váh river (6981), 20.IX.2002, 3 larvae, leg. det. et coll. J. Lukáš.

Distribution: Europe except Italy, the Balkans, Ireland, Iceland and Norway (BOTOSANEANU & MALICKY, 1978).

Hydropsyche tabacarui Botosaneanu, 1960

Material examined: E Slovakia, Nová Sedlica – Zbojský brook (6900), 17.IX.2000, 4 larvae, leg. J. Lukáš, det. et coll. B. Szczesny.

Distribution: Poland (SZCZESNY, 2000), Ukraine, Bulgaria (KUMANSKI, 1985), Romania (CIUBUC, 1993).

Hydropsyche exocellata Dufour, 1841

Material examined: W Slovakia, Voderady – Gidra brook (7771), 2.IX.2001, 7 larvae; Devín – Dunaj river (7867), 15.VII.2001, 2 larvae; Koplotovce – Váh river (7572), 15.IX.2003, 2 larvae; Hradište – Nitrica river

(7376), 27.VII.2003, 1 ♂, S Slovakia, Kamenín – Hron river (8177), 25.VII.2000, 1 ♂, leg. et det. J. Lukáš.

Distribution: W Europe (PITSCH, 1993), Germany (WEINZIERL, 1995), Bohemia, Slovakia (CHVOJKA & NOVÁK, 2001), Hungary (UHERKOVICH & NÓGRÁDI, 2001).

Remark: According to STUDEMOND & ROSENBERG (1994) it is a univoltine, thermophilous species, preferring lowland rivers. It tolerates considerable pollution (USSEGLIO-POLATERA & BOURNAUD, 1989). It is not original in the Danube (MALICKY, 1980; MOOG et al., 1995), however it has recently expanded into all its tributaries on the Slovak territory.

Hydroptilidae

Orthotrichia tragetti Mosely, 1930

Material examined: S Slovakia, Čičovské rameno (8272), 8.VII.2003, 2 ♂, leg. det. et coll. J. Lukáš. Second record from Slovakia.

Distribution: Known from many parts of Europe, but rare. In C Europe recently recorded from Germany (KLIMA et al., 1994), Austria (MALICKY, 1999), Bohemia (CHVOJKA, 1996), Slovakia (CHVOJKA & NOVÁK, 2001), Hungary (UHERKOVICH & NÓGRÁDI, 2001).

Remark: In the last decade it has probably expanded into new habitats.

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