

***Baetopus tenellus* in Slovakia (Ephemeroptera: Baetidae)**

Tomáš DERKA

Department of Ecology, Faculty of Natural Sciences, Comenius University, Mlynská dolina B-2, 842 15 Bratislava, Slovakia.
E-mail: derka@fns.uniba.sk

DERKA, T. 2004. *Baetopus tenellus* in Slovakia (Ephemeroptera: Baetidae). *Entomol. Probl.* 35(1): 84. – A new locality of *Baetopus tenellus* (ALBARDA, 1878) was discovered in SW Slovakia.

Key words: Ephemeroptera, mayflies, distribution, *Raptobaetopus tenellus*, Slovakia

Baetopus tenellus (ALBARDA, 1878) was originally described in the genus *Centroptilum* EATON from Arnheim, Netherlands (ALBARDA 1878). MÜLLER-LIEBENAU (1978) described a new genus and species *Raptobaetopus orientalis* from Malaysia. She placed *Centroptilum tenellum* ALBARDA, 1878, *Baetis ?niger* described by LESTAGE (1918) and *Baetopus balticus* KAZLAUSKAS ET SANWAJTITE, 1962 to the genus *Raptobaetopus* and classified as *Raptobaetopus tenellus* (ALBARDA, 1878) comb.nov. According to MÜLLER-LIEBENAU (1978), this new genus is closely related to the genus *Baetopus* KEFFERMÜLLER, 1960, described by KEFFERMÜLLER (1960) from the Warta river (Central Poland). TSHERNOVA et al. (1986) placed it again in the genus *Baetopus*. *B. tenellus* is a mysterious species with very low densities at all known localities and little known biology. It has wide area: Spain, France, Belgium, Netherlands, Germany, Finland, Poland, Latvia, Czech Republic, Austria, Slovakia, Hungary, Bulgaria and the European part of Russia. Nymphs are carnivorous, ingest Chironomidae larvae and Oligochaeta (FONTAINE 1980, FONTAINE & PERRIN 1981), and inhabit streams and rivers of different types: from small submontane rivers (e.g. SOLDÁN 1978) to lowland rivers (e.g. KOVÁCS et al. 2003). It is considered a rare and geographically restricted species (MALZACHER et al. 1998). Nymphs are rarely captured because of low densities at study localities, however the occurrence is probably more common than we believed. Recently it was found at numerous localities in Hungary (KOVÁCS & BAUERNFEIND 2003). In Slovakia, only one nymph was captured in the Ulička river; Ulič, NE Slovakia (SOLDÁN 1978). KOVÁCS et al. (2003) reported one nymph from the Ipoly (Ipeľ) river in Ipolydamásd. This locality can be considered common for Hungary and Slovakia, because the river forms a border between Slovakia and Hungary at that place. One nymph was recently captured in the Morava river in Moravský Sv. Ján on 7 September 2003, T. Derka det. (SW Slovakia, 145 m a.s.l.), where the river forms a border between Slovakia and Austria.

This work was supported by the Slovak Grand Agency VEGA, projects No. 1/1291/04 and 1/1292/04.

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