

## Re-identification of four mayfly species from Hungary (Ephemeroptera)

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**ABSTRACT:** Three misidentified and one unidentified mayfly species from Hungary are revised. *Baetis melanonyx* is new to Hungary.

The author revised the identification of four species of Ephemeroptera mentioned earlier to occur in Hungary (*Baetis* sp., *Baetis alpinus*, *Baetis tracheatus*?, *Cloeon simile*). As a result, three species were identified: *Baetis melanonyx*, *B. pentaplebodes* and *Centroptilum pennulatum*. *Baetis melanonyx* is new to the fauna of Hungary.

### *Baetis melanonyx* (Pictet, 1843)

Mátraszentimre: Hutahely, Hutahelyi-patak, 2003.06.04., 1, KT (KOVÁCS 2005: under the name *Baetis alpinus* (Pictet, 1843)).

Mátraszentimre: volt Csörgőmalom, Csörgő-patak, 2003.06.04., 1, KT (KOVÁCS 2005: under the name *Baetis alpinus* (Pictet, 1843)).

Mátraalmás: Péter hegyese ÉNy 400 m, Szuhai-patak, 2006.07.07., 1, KT (KOVÁCS 2006: under the name *Baetis alpinus* (Pictet, 1843)).

### *Baetis pentaplebodes* Ujhelyi, 1966

27/1=Répece, Kapuvár, 2004.04.20., 495319, 251425 (CSER & KOVÁCS 2006: under the name *Baetis tracheatus* Keffermüller et Machel, 1967?). Number of revised specimens: 2.

33/1=Rákos-patak, Fertőrákos, 2004.04.20., 471243, 266184 (CSER & KOVÁCS 2006: under the name *Baetis tracheatus* Keffermüller et Machel, 1967?). Number of revised specimens: 2.

35=Galla-patak, Tatabánya, 2004.04.22., 600184, 249728 (CSER & KOVÁCS 2006: under the name *Baetis tracheatus* Keffermüller et Machel, 1967?). Number of revised specimen: 1.

Zagyva (Zagyvarékas): 2004.06.28., 31, BP-CsE-MA-TP (MÓRA *et al.* 2005: under the name *Baetis* sp.).

### *Centroptilum pennulatum* Eaton, 1870

Börzsöny: Bernecei-patak, 1 (CSER & ERŐS 2005: under the name *Cloeon simile* Eaton, 1870).

Börzsöny: Bernecei-patak (ERŐS *et al.* 2005: under the name *Cloeon simile* Eaton, 1870).

Number of revised specimen: 1.

The above-mentioned two papers presents the data of the same specimen, without reference.

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