

New Ephemeroptera records from Turkey

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1. Introduction

In spite of recent investigations on the Ephemeroptera fauna of Turkey, our knowledge is still rather deficient. In recent years, BRAASCH (1981) has given six records new for Turkey, two of them being new species. Twenty four Ephemeroptera species were listed from Turkey for the first time by KAZANCI (1984) and five new species of Heptageniidae have been described by KAZANCI (1985, 1986, and in press): *Rhithrogena anatolica*, *Ecdyonurus antalyensis*, *E. anaticus*, and two more *Ecdyonurus*-species. Another new species from Turkey, *Rhithrogena* sp. is being described by SOWA & SOLDAN (T. SOLDAN, pers. comm.).

2. List of new records

All specimens have been collected by the author and are deposited in her collection at Hacettepe Üniversitesi, Ankara.

Baetidae

Pseudocloeon inexpectatum Tschernova, 1928

One male at Selim in the southeast of Kars at 1,500 m on 26.7.81.

One male at Tutak in the southeast of Ağrı at 1,550 m on 29.7.84.

Cacnidae

Caenis pseudorivulorum Keffermüller, 1960

Four nymphs at Ankara at 650 m on 4.7.84.

Heptageniidae

Heptagenia coerulans Rostock, 1878

One male at Güdül northwest of Ankara at 600 m on 22.5.79.

Heptagenia longicauda Stephens, 1835

One male at the Sakarya River north of Eskişehir at 700 m on 23.7.80.

Rhithrogena potamalis Braasch, 1979

Four nymphs at the Göksun River near Kahramanmaraş at 1350 m on 20.5.83.

Isonychiidae*Isonychia ignota* Walker, 1853

Five nymphs at the Ballica Stream on the Samsun - Bafra Road at 10 m on 11.7.83.

Two nymphs at Çayağzı Stream, a tributary of the River Kızılırmak, near Kolay in the Samsun province on 12.7.83.

One nymph at Armutluca Village on the Devrek - Ereğli Road in the Zonguldak province at 150 m on 15.7.83.

Paraleptophlebiidae*Paraleptophlebia submarginata* Stephens, 1835

One male at Tuzla Stream near Tercan in the Erzincan province at 1,420 m on 27.5.83.

Oligoneuriidae*Oligoneuriella mikulskii* Sowa, 1961

15 nymphs at Yeşilırmak River at the Amasya - Taşova Road at 250 m on 10.7.83.

Oligoneuriella rhenana Imhoff, 1852

30 nymphs at the Kırklareli - Dereköy Road in Thrace at 25 m on 3.6.83.

Ephemeridae*Ephemera zettana* Kimmins, 1937

One male at Çayırbaşı Village near Altıntaş south of Kütahya at 900 m on 19.5.79.

3. Discussion

All of the species listed in this paper are new for Turkey, although they are known from surrounding areas, especially from the Balkan Peninsula. *Caenis pseudorivulorum* is known from Northern Europe and the Pontian Province (PUTHZ 1978), and *Rhithrogena potamalis* is known from the Caucasus: their occurrence in Turkey was to be expected and the lack of records was due solely to insufficient collecting.

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