

A new record for the freshwater ostracod fauna of Turkey: *Hungarocypris madaraszi* (Örley, 1886) (Crustacea: Ostracoda)

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Abstract: A bisexual population of *Hungarocypris madaraszi* (Örley, 1886) was found in a dead arm of the Küçük Menderes River near Torbalı (İzmir). The species is a new record for the freshwater ostracod fauna of Turkey.

Kurzfassung: In einem Altarm des Kleinen Mäanders bei Torbalı (Prov. İzmir) wurde eine bisexuelle Population des Süßwasserostrotracoden *Hungarocypris madaraszi* (Örley, 1886) gefunden. Dies ist der erste Nachweis der Art in der Türkei.

Key words: Freshwater fauna, limnology, Turkey, Anatolia, Middle East.

Introduction

The genus *Hungarocypris* Vavra, 1906 is currently represented by three living species (*H. madaraszi* (Örley, 1886), *H. gawemülleri* Vavra, 1906, *H. asymmetricus* Victor & Fernando, 1981) and four extinct species (*H. auriculata* (Reuss, 1850), *H. marginata* (Zalanyi, 1944), *H. pannonica* (Zalanyi, 1959), and *H. hieroglyphica* (Mehes, 1907)). During a recent investigation into the "Freshwater Ostracod Fauna of İzmir Province and Its Vicinity" (AYGEN & BALIK 1998), *H. madaraszi* was collected in a dead arm of the Küçük Menderes River.

Material and methods

A hand plankton net (60µ) was used to collect the samples. Ostracods were fixed in 70% alcohol and were preserved in a mixture of alcohol and glycerine. Ostracods were removed under a stereomicroscope, then dissected in glycerine and sealed with Entellan, and prepared for taxonomic study. The material is now housed in the Limnology Department of Ege University, Faculty of Fisheries, İzmir.

Results and discussion

The samples containing *H. madaraszi* were collected in the Küçük Menderes River, 1 km away from the Tire-Selçuk road junction next to the bridge over the river at the Torbalı-Tire motorway. When the ostracod samples were collected on June 26th 1996, just before a