

Two new records for the non-marine ostracod fauna of Turkey: *Humphycypris subterranea* (Hartmann, 1964) and *Herpetocypris brevicaudata* Kaufmann, 1900

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Abstract. The two freshwater ostracods, *Humphycypris subterranea* (Hartmann, 1964) and *Herpetocypris brevicaudata* Kaufmann, 1900, are reported from a stream near Köyceğiz in southwestern Anatolia. These are the first records for Turkey. The ecological parameters of the collection sites are given and the taxonomic status of the species is discussed.

Kurzfassung. Die beiden Süßwasser-Ostracoden *Humphycypris subterranea* (Hartmann, 1964) und *Herpetocypris brevicaudata* Kaufmann, 1900 werden von einem Bachlauf bei Köyceğiz in Südwest-Anatolien gemeldet. Es handelt sich um Neunachweise für die Türkei. Von den Sammelstellen werden ökologische Parameter mitgeteilt und der taxonomische Status der beiden Arten wird diskutiert.

Key words. Crustacea, ecology, taxonomy, Anatolia, Middle East.

Introduction

The genus *Humphycypris* Martens, 1997 (Cyprididae, subfamily Herpetocypridinae) is represented by 11 modern species: *H. anomala* (Lindroth, 1953), *H. brevisetosa* (Lowndes, 1932), *H. chappuisi* (Klie, 1935), *H. decipiens* (Klie, 1939), *H. exigua* (Rome, 1953), *H. greenwoodi* Martens, 1997, *H. leleupi* (Harding, 1955), *H. thysvillensis* (Harding, 1955), *H. tumens* (Rome, 1977), *H. condarensis* (Akatova, 1955), and *H. subterranea* (Hartmann, 1964) (MARTENS 1997).

The European representatives of the genus *Herpetocypris* Brady & Norman, 1889 (Cyprididae, subfamily Herpetocypridinae) are *H. reptans* (Baird, 1835) from west and central Europe (including *H. reptans curvata* Kaufmann, 1900 from Switzerland), *H. brevicaudata* Kaufmann, 1900 throughout Europe, *H. mateusorum* Paulo, 1969 endemic to the western part of the Iberian Peninsula, *H. intermedia* Kaufmann, 1900 from most of Europe, *H. chevreuxi* (Sars, 1889) from most of Europe, and *H. helenae* G. W. Müller, 1908 from most of Europe and north and southern Africa (GONZALEZ-MOZO et al. 1996). Two species, *H. chevreuxi* and *H. reptans*, have been reported from Anatolia (ALTINSAÇLI & GRIFFITHS, 2002).

We here report the occurrence of two species of *Humphycypris* and *Herpetocypris* in Anatolian Turkey and also give brief ecological details.