

SHORT COMMUNICATION

First record of *Idotea ostroumovi* Sowinsky, 1895 (Isopoda) in the Black Sea coast of Turkey

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Abstract

This paper reports an isopod species, *Idotea ostroumovi* Sowinsky, 1895 for the first time in the Turkish Black Sea coast as a part of a study conducted between March 2013 and March 2014 to determine the macrozoobenthic crustacean communities on the coast of Şile, the Black Sea.

Keywords: Crustacea, new record, biodiversity

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Şile, located on the Turkish Black Sea coast, is especially important in terms of biodiversity with its proximity to the Istanbul Strait (Bosphorus). The area is close to prebosphoric region. To understand the biodiversity of the area, monthly samplings were made between March 2013 and March 2014 at six different stations selected to represent the upper infralittoral zone (Figure 1). Benthic samples were taken from the area (quadrat) of 400 cm² (20 cm x 20 cm) with the aid of a spatula from 0-50 cm depth on rocks in all stations.

Two individuals of an isopod species, *Idotea ostroumovi*, were collected at station 3, İyot Inlet (41°10'48.6"N; 029° 36'42.5"E) on 4 May 2013 (Figure 1) and reported here for the first time in the Turkish Black Sea coast. The sampling site (station 3) is a rocky beach, located on the way to Şile harbour. Algae, *Mytilus galloprovincialis* and *Mytilus lineatus* were observed on the rocks. The region is not fully open to winds and waves. The specimens are preserved in 70% alcohol and deposited in the Museum of the Faculty of Fisheries, Sinop University.

The number of species belonging to *Idotea* is about 30 all over the world seas. In general, *Idotea* is a cosmopolitan genus but it is not distributed in the Pacific



Figure 2. General view of *Idotea ostroumovi* Sowinsky, 1895

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***Idotea ostroumovi* Sowinsky, 1895 (Isopoda)'nin Karadeniz'in Türkiye kıyılarından ilk kaydı**

Öz

Bu makale Mart 2013-Mart 2014 tarihleri arasında Şile kıyılarında dağılım gösteren krustase topluluklarını belirlemek için yapılan çalışmada tespit edilen *Idotea ostroumovi* Sowinsky, 1895'in ilk kaydını rapor etmektedir.

Anahtar Kelimeler: Crustacea, Yeni kayıt, Biyolojik çeşitlilik

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