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## First record of *Dryops sulcipennis* Costa, 1883 (Coleoptera: Dryopidae) from Turkey

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### Abstract

*Dryops sulcipennis* Costa, 1883 is recorded from Turkey for the first time. It was collected in a stream (Antalya Province), and from a light trap placed in a cotton field near Tigris River (Şırnak Province).

**Keywords:** Coleoptera, Dryopidae, *Dryops sulcipennis*, fauna, new record, Antalya, Şırnak, Turkey

### Introduction

Dryopidae, or Longtoed Water Beetles, are predominantly aquatic. They occur in all major biogeographical regions (Jäch & Balke, 2008; Kodada *et al.*, 2016) <sup>[1, 3]</sup>. Although the genus *Dryops* Olivier, 1791 is very common throughout Turkey (many unidentified specimens are deposited in various museum collections), very little has been published on the Turkish species of *Dryops* so far (Taşar, 2014, 2018) <sup>[4, 5]</sup>. This is mainly because of the difficulties to identify species due to the lack of a modern revision of the genus, and due to the lack of molecular data. So far, only nine species of *Dryops* were recorded from Turkey (Taşar, 2014, 2018; Kodada & Jäch, 2016) <sup>[2, 4, 5]</sup>. It can be expected that additional species, even undescribed ones, will be found in Turkey in the future as soon as a revision of the genus is available. Due to its very wide distribution (Iberian Peninsula and North Africa to Iran and Ethiopia) the occurrence of *D. sulcipennis* in Turkey is not surprising, but it has so far not been documented for this country. Here we provide evidence of the occurrence of *D. sulcipennis* in at least two provinces of Turkey, based on external and genital morphology.

### Material and Method

Specimens were collected from a stream in Antalya Province, and from a light trap in Şırnak Province. The light trap was operated from mid June to mid September, 2016. A 20 watt Philips energy saver white day light bulb was used. The specimens are preserved in 70 % ethanol. The collected material is deposited in the Bioengineering Department Laboratory of Firat University, Bioengineering Department, Turkey, and in the Natural History Museum Vienna, Austria.

### Results

*Dryops sulcipennis* Costa, 1883

### Material Examined

Antalya Province: stream near Güzelbağ, 28.7.1990, leg. S. Schödl, 2 ♂♂.

Şırnak Province: ca. 1 km SE Pınarönü (between Cizre and Silopi), 37°16'8"N 42°20'18"E, 15.6.2016, light trap in a cotton field, about 2.8 km from Tigris River, leg. T. Ayaz, 2 ♂♂, 2 ♀♀. These specimens may have flown to the light trap from Tigris River or from any of the other smaller rivers and streams nearby.

One additional male was collected by M. A. Jäch in "Southwest Turkey" (without precise locality data), in May 1991.

### Distribution in Turkey

Antalya, Şırnak

### Global Distribution

Algeria, Bulgaria, Ethiopia, Greece, Iran, Israel, Italy, Morocco, Portugal, Saudi Arabia, Spain, Tunisia, Turkey (first record), Yemen.

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