

**The lacewing *Osmylus cilicicus* Krüger 1913 (Neuroptera:
Osmylidae) from the Greek island of Samos,
new for Europe and Greece**

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DVOŘÁK L. & HRIVNIAK L. 2017: The lacewing *Osmylus cilicicus* Krüger 1913 (Neuroptera: Osmylidae) from the Greek island of Samos, new for Europe and Greece. *Acta Musei Moraviae, Scientiae Biologicae* (Brno) **102(1):** 21–23. – The first record of *Osmylus cilicicus* Krüger, 1913 from Samos is presented and the species' distribution is briefly discussed. This is a new species for Greece and Europe simultaneously.

Key words. Neuroptera, Osmylidae, *Osmylus*, Samos, Turkey, Europe

Introduction

The lacewing genus *Osmylus* Latreille, 1802 contains 24 described species to date, distributed in the Palaearctic and Oriental regions (XU *et al.* 2016). Most of these are known from Asia, whereas only four species have been recorded in the western Palaearctic region (CANBULAT 2013). One of these, *Osmylus fulvicephalus* Scopoli, 1763 is widespread in Europe (ASPÖCK *et al.* 1980).

Osmylus cilicicus Krüger, 1913 is a rare and poorly-known species (XU *et al.* 2016), previously known from Turkey. It was described by KRÜGER (1913) from the Taurus Mountains in southern Turkey (orig. “Cilicischer Taurus”), based on four females. The second record of the species, from Izmir Province (Bozdag-Ödemis; one female) was published more than 60 years later by ŞENGONCA (1979). The most recent distribution record for *O. cilicicus* was published by DOBOSZ (2007), from Bolu Province (pass above Abant Lake; two males) and Artvin Province (Cankurtaran Geçidi; one female). To date, no further records of the species have appeared (ARI 2014, DOBOSZ pers. comm.). The aim of this contribution is to provide the first record of *O. cilicicus* outside Turkey and briefly to discuss its distribution.

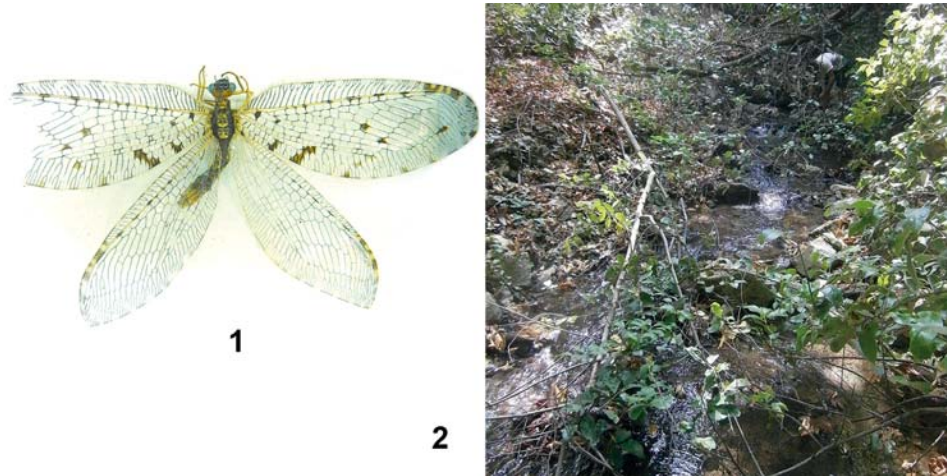


Fig. 1–2. 1 – *Osmylus cilicicus* Krüger from Samos. Photo: L. Dvořák. 2 – The locality of *Osmylus cilicicus* Krüger from Samos. Photo: L. Hrivniak.

Material and methods

The single specimen (female, Fig. 1) was collected on the island of Samos by L. Hrivniak and D. Öztürk on 31 July 2016 when sweep-netting the riverbank vegetation of a small stream, a right tributary of the Kakorrema river with a width of 0.2–1.5 m and average depth of 0.15 m, located south of Valeontades (37°47'32.6"N, 26°49'29.3"E), altitude 184 m.

The environment around the stream (Fig. 2) was densely covered with riverbank vegetation (approx. 90% shade). The specimen was preserved in 96% ethyl alcohol in the field and determined by L. Dvořák using the work of CANBULAT (2013); the voucher specimen is deposited in his private collection (Tři Sekery, Czech Republic).

Osmylus cilicicus Krüger, 1913: remarks on the distribution

O. cilicicus is considered a stationary, monocentric Anatolo-Ponto-Mediterranean element (DOBOSZ 2007). The species has hitherto been published from four localities on mainland Turkey only (see Introduction and Fig. 3). Despite the low number of the records published to date, the distribution of the known localities from western Turkey to the eastern Pontic Mountains indicates a wider range for the species within Turkey.

The record reported in this contribution is the first from beyond mainland Turkey and the fifth published overall. Moreover, due to the geopolitical position of the Samos island, it is also the first record for Europe.



Fig. 3. Recent records of *Osmylus cilicicus* Krüger. Squares: type locality, circles: published records, asterisk: new record from Samos.

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