

**First record of *Sisyra bureschi* Rausch et Weißmair, 2007  
from Bosnia and Herzegovina (Neuroptera: Sisyridae)**

Viktória SZŐKE

*Hungarian Natural History Museum, Department of Zoology, Collection of Smaller Insect Orders,  
H-1088 Budapest, Baross utca 13, Hungary. E-mail: szoke.viktoria@nhmus.hu*

**Abstract** – *Sisyra bureschi* Rausch et Weißmair, 2007 (Neuroptera: Sisyridae) is reported from Bosnia and Herzegovina for the first time. The first habitus photos of adults of the species are published.

**Key words** – faunistics, distribution, aquatic insect, Balkan Peninsula

## INTRODUCTION

*Sisyra* Burmeister, 1839 (Neuroptera: Sisyridae) is a genus of spongillaflyes of worldwide distribution. It is the only genus of the family in the Western Palearctic, represented by 9 species in the region according to current literature (ASPÖCK *et al.* 1980, 2001, RAUSCH & WEIßMAIR 2007). Seven species are known to occur in Europe; five of them, including *Sisyra dali* McLachlan, 1866, *Sisyra iridipennis* Costa, 1884, *Sisyra jutlandica* Esben-Petersen 1915, *Sisyra nigra* (Retzius, 1783) and *Sisyra terminalis* Curtis, 1854, have long been known from the continent (ASPÖCK *et al.* 1980, 2001), while two additional species, *Sisyra bureschi* Rausch et Weißmair, 2007 and *Sisyra corona* Rausch et Weißmair, 2007, were described relatively recently (RAUSCH & WEIßMAIR 2007).

The original description of *Sisyra bureschi* was based on specimens from Bulgaria, Croatia and Turkey (RAUSCH & WEIßMAIR 2007). Subsequently WEIßMAIR (2010) reported this species from Germany and CANARD *et al.* (2015a) from France.

PODLESNIK *et al.* (2017) recorded *Sisyra nigra* from Serbia and Bosnia and Herzegovina and *Sisyra terminalis* from Serbia, and predicted the occurrence of additional species in the Balkan Peninsula; these authors also summarised the previously known localities of *Sisyra bureschi*.

This work is based on examination of specimens deposited in the Hungarian Natural History Museum, Budapest (HNHM). Label data of the voucher specimens are given verbatim with explanatory information in square brackets. Identifications were based on ASPÖCK *et al.* (1980), RAUSCH & WEIßMAIR (2007), CANARD *et al.* (2015b), TILLIER & COPPA (2019), and THIERRY *et al.* (2020).

## RESULTS

### *Sisyra bureschi* Rausch et Weißmair, 2007 (Figs 1–2)

*Material examined* – Two males; “Yugoslavia: Mostar [= Bosnia and Herzegovina: Mostar], Buna part [= bank of the river Buna], 1973.VI.12., leg. Dr. H. Steinmann”.

*Remarks* – First record from Bosnia and Herzegovina. Whereas *Sisyra bureschi* is known to be distributed from France to Turkey, only a few local records are known from this broad area (Bosnia and Herzegovina, Bulgaria, Croatia, and Germany). Further records of the species are expected from other European countries.

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YUGOSLAVIA:  
Mostar, Buna part  
1973.VI.12.  
leg:Dr.H.Steinmann

*Sisyra bureschi* ♂  
Rausch & Weißmair,  
2007  
det. Szöke V. 2022

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YUGOSLAVIA:  
Mostar, Buna part  
1973.VI.12.  
leg:Dr.H.Steinmann

*Sisyra bureschi* ♀  
Rausch & Weißmair,  
2007  
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Figs 1–2. *Sisyra bureschi* Rausch et Weißmair, 2007, voucher specimens  
(photos by Viktória Szöke)

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