

The first record of *Jordanita (Roccia) volgensis* (Möschler, 1862) (Lepidoptera: Zygaenidae, Procridinae) from the Crimea

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Synopsis

Hitherto, *Jordanita (Roccia) volgensis* was known in Ukraine only from the Lugansk Region (Efetov, 1994). In 2008, however, it was discovered in the Crimea where the larval host-plant is *Jurinea sordida*.

Key words: Zygaenidae, Procridinae, *Jordanita volgensis*, Crimea, larval host-plants, *Jurinea sordida*, distribution.

Introduction

Jordanita (Roccia) volgensis (Möschler, 1862) was first discovered in Ukraine in 1990 (Efetov, 1994) in the Provalskaya steppe, a nature reserve situated in the Lugansk Region of eastern Ukraine; until now, it was only known from this one locality in Ukraine. In May 2008, the species was discovered in the vicinity of Zolotoye, in the Kerch Peninsula, Crimea (Figs 1, 4).

MATERIAL EXAMINED

1 ♂ (Fig. 2), 2.v.2008; 21 ♂, 15.v.2008; 5 ♂, 4 ♀, 16.v.2008; 2 ♂, 17.v.2008.

The characters of the Crimean specimens show that the population is referable to the nominotypical subspecies *J. volgensis volgensis* (Fig. 2).

Biotope

The biotope is situated near the shore of the Azov Sea and comprises small hills with steppe vegetation (Fig. 4). When the flight period of *J. volgensis* is coming to an end, *J. notata* (Zeller, 1847) appears in the same biotope, followed by *J. graeca* (Jordan, 1907) and finally *J. chloros* (Hübner, 1813).

Biology

The early stages and biology of *J. volgensis* were only recently described (Efetov, 2000; 2001; 2003), based on a population from the Provalskaya steppe. The foodplant of the larva of *J. volgensis* in eastern Ukraine is *Jurinea arachnoidea* Bunge (Asteraceae), but in captivity the larvae willingly accepted *Jurinea sordida* Stev. (Fig. 3), one of the dominant plants in the Crimean biotope; we can confirm that it is the natural host-plant of *J. volgensis* in the Crimea.

Distribution of *J. volgensis*

Ukraine: Crimea; Lugansk Region (Efetov, 1994; [1999]) (*J. volgensis volgensis* (Möschler, 1862)). **Russia:** Northern Caucasus (Dagestan) (Efetov, 1992; [1999]); Volgograd Region (Möschler, 1862); Saratov Region (Anikin, Sachkov & Zolotuhin, 2000; Zolotuhin, Sachkov & Trofimova, 2004); Tatarstan (Efetov, 1994); Orenburg Region (Efetov, 1994; Zolotuhin, Sachkov & Trofimova, 2004); Novosibirsk Region (Efetov, 1992; [1999]; 2001) (*J. volgensis volgensis*). **Kazakhstan:** Uralsk Region (Efetov, 1994; [1999]; 2001; 2004) (*J. volgensis volgensis*). **Armenia, Georgia, Azerbaijan** (Efetov, 1992; [1999]; 2004) (*J. volgensis muelleri* (Alberti, 1973)). **Turkey, Syria** (*J. volgensis grandis* (Alberti, 1974)) (Efetov & Tarmann, 1999).



Fig. 1. Distribution of *Jordanita volgensis* (Möschler, 1862) in the Crimea.

Hitherto, 25 species of the family Zygaenidae were known from the Crimea (Efetov, 2005), but the record of *J. volgensis* increases the list to twenty-six.

Acknowledgements

We are indebted to Dr An. V. Yena (Simferopol) for his help with the determination of the plants.

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Figs 2–4. *Jordanita volgenensis* (Möschler, 1862). Crimea: Kerch Peninsula, vic. Zolotoye, May 2008. 2, adult male (Photo: V. V. Savchuk). 3, *Jurinea sordida* Stev. (Asteraceae), host-plant of the larva (Photo: K. A. Efetov). 4, biotope near the shore of the Azov Sea (Photo: K. A. Efetov).

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