

ADDITIONAL DATA TO THE FAUNA OF HETEROPTERA (INSECTA: HEMIPTERA) FROM THE REPUBLIC OF MOLDOVA

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Abstract. In the paper there are presented data for 11 species of heteropterans new for the fauna of the Republic of Moldova.

Keywords: Heteroptera, new faunistic data, Republic of Moldova.

Rezumat. Date adiționale la fauna heteropternelor (Insecta: Hemiptera) din Republica Moldova. În lucrare sunt prezentate date despre 11 specii de heteroptere noi pentru fauna Republicii Moldova.

Cuvinte cheie: Heteroptera, date faunistice noi, Republica Moldova.

INTRODUCTION

Owing to our research (DERZHANSKY, 1997, 2007; DERJANSCHI & MATOCQ, 2005), the order Heteroptera has become one of the most studied groups on the territory of the Republic of Moldova. Up to present, the number of species of bugs known in the literature in the field reached the value of 561 belonging to 33 families.

MATERIALS AND METHODS

In the investigations, there were used field collectings from different biotopes of Republic of Moldova. Bugs were collected using usual entomological methods.

The nomenclature of the species and distribution was used according to AUKEMA and RIEGER (1996, 1999, 2001, 2006).

RESULTS

In the present paper, 11 species of bugs are mentioned for the first time in the fauna of the Republic. Data about species are presented in the following order: name of species, village and district area (in brackets), collecting date, number of the collected insects. If the material was not collected by the author, it is given the name of the collector in brackets.

I. Fam. MIRIDAE

1. *Heterocordylus leptocerus* (KIRSCHBAUM 1856)

Examined material: Păruceni (Nisporeni), June 28, 2005, 1 specimen (spec.).

Distribution: central and southern part of Europe.

II. Fam. TINGIDAE

2. *Campylosteira verna* (FALLÉN 1826)

Examined material: Bugeac (UTA Gagauzia), July 7, 2006, 1 spec.

Distribution: Europe.

III. Fam. REDUVIIDAE

3. *Empicoris vagabundus* (LINNAEUS 1758)

Examined material: Chișinău, October 8, 2004, 1 spec.

Distribution: Palearctic region, USA and Canada.

IV. Fam. ARADIDAE

4. *Aradus conspicuus* HERRICH-SCHAEFFER 1835

Examined material: Căpriană (Strășeni), March 9, 2008, 2 spec. (A. Zubov), Fetești (Edineț), August 16, 2009, 1 spec.

Distribution: Central and Southern Europe, Western Siberia, North Africa (Tunisia).

5. *Aradus depressus* (FABRICIUS 1794)

Examined material: Călărași, April 19, 2008, 1 spec., Căpriană (Strășeni), May 24, 2009, 1 spec. (A. Zubov).

Distribution: Europe, Siberia and Far East.

6. *Aradus ribauti* WAGNER 1956

Examined material: Nimoreni (Ialoveni), March 1, 2008, 1 spec. (A. Zubov)

Distribution: Europe and Western Siberia.

7. *Aradus somcheticus* KIRITSHENKO 1913

Examined material: Durlești (Chișinău), March 2007, 3 spec., Cojușna (Strășeni), May 9, 2009, 1 spec. (A. Zubov).

Distribution: Southern Europe.

V. Fam. **LYGAEIDAE****8. *Gastrodes abietum* BERGROTH 1914**

Examined material: Țaul (Dondușeni), June 20, 2004, 4 spec. (A. Matocq).

Distribution: Central and Northern Europe, East Siberia.

VI. Fam. **COREIDAE****9. *Gonocerus juniperi* HERRICH-SCHAEFFER 1839**

Examined material: Chișinău, March 31, 2007, 1 spec., April 18, 2009, 1 spec.

Distribution: Central and Southern Europe, Caucasus, Middle Eastern and Central Asia, North Africa.

10. *Leptoglossus occidentalis* HEIDEMANN 1910

Examined material: Chișinău, September 19-25, 2008, October 2008, 12 spec., Micăuți (Strășeni), March 24, 2010, 1 spec.

Distribution: North America. In the Old World (North Italy), it appeared in 1999, it is registered already in many countries of the central and southern Europe (DUSOULIER et al. 2007, RUCĂNESCU, 2009).

VII. Fam. **PENTATOMIDAE****11. *Chlorochroa pinicola* (MULSANT & REY 1852)**

Examined material: Chișinău, January 14, 2007, 1 spec. (A. Zubov), Fetești (Edineț), September 10, 2009, 1 spec.

Distribution: Europe, Siberia.

CONCLUSIONS

The paper mentions 11 species of Heteroptera, new for the fauna of the Republic of Moldova. Till now (2010) in the Republic of Moldova, there are known 572 species of insects from the order Heteroptera.

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