

Data to the terrestrial Heteroptera fauna of Moldova

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Abstract

Present paper contains Heteroptera faunistical data obtained by the joint expeditions of Babeş-Bolyai University, Sapientia University, University of Szeged and Hungarian Natural History Museum. Altogether, 99 true bug species of 12 families were collected.

Key words: true bugs, faunistics, Moldova

Introduction

The first note on Heteroptera fauna of Moldova was given by Montandon (1885) in the end of the 19th century. In the 20th century Nemes and Lungoci (1979) carried out faunistical study in the region and Marcu (1982) published the Heteroptera collection of Natural Sciences Museum of Galaţi from South-East Moldova. Recently, Derzhansky (1997) published the Heteroptera checklist of the Republic of Moldova which also provided insight to the species pool of the region.

Materials and methods

This paper presents data to the Heteroptera fauna of Moldova. The material was collected by a joint expedition of Babeş-Bolyai University, Sapientia University, University of Szeged and Hungarian Natural History Museum, between 6–10 June 2006.

We used different collecting methods e.g. sweep-netting, direct sampling by hand (ground and plant search, turning rocks and sifting of leaf litter). All material was preserved in 70° ethylic alcohol. The adult true bug

individuals were identified under stereoscopic microscope with the use of various keys (Benedek 1969, Kis 1984, 2001, Kis and Kondorosy 1999, Me-tocq 2004, Vásárhelyi 1978, Wagner 1952, 1967). The nomenclature of true bugs followed the work of Cantoreanu (2007).

Results and discussion

The material consisted of 591 adult true bug individuals belonging to 99 species of 12 families. The list of species is given below. After the family names, the number of the collected species is given in brackets.

CIMICOMORPHA

TINGIDAE (2)

Kalama tricornis (Schrank, 1801): 10.06.2006. Brăhăsoaia, old field 1♂; 07.06.2006. Icușeni 1♂ – This xerothermophil species feeds on various herbaceous plants as well as on mosses and lichens. It is common in dry grasslands.

Dictyla humuli (Fabricius, 1794): 09.06.2006. Barboși, wet pasture 1♀ – This species feeds mostly on *Symphytum officinale* and prefers wet habitats e.g. wet grasslands, forest edges.

MIRIDAE (48)

Dicyphus (Dicyphus) contscriptus (Boheman, 1852): 09.06.2006. inundation area of river Prut 1♂, 1♀;

The following nine species belong to the tribe Stenodemini and feed on grasses and they are the most common heteropteran specieses in grasslands

Acetropis (Acetropis) carinata (Herrich-Schäffer, 1842): 07.06.2006. Trifești, old field 5♂♂, 1♀; 08.06.2006. Iași, Valea lui David 2♂♂, 11♀♀; 09.06.2006. Sucevița, road verge 1♂.

Leptoterna dolabrata (Linnaeus, 1758): 07.06.2006. Trifești, old field 4♂♂, 1♀; 06.06.2006. Iași, pasture 1♀; 08.06.2006. Mădârjac 8♂♂, 11♀♀; 10.06.2006. Brăhăsoaia, old field 1♂, 2♀♀; 09.06.2006. Barboși, wet pasture 7♂♂, 5♀♀;

Leptoterna ferrugata (Fallén, 1807): 07.06.2006. Trifești, old field 2♂♂, 1♀; 08.06.2006. Iași, Valea lui David 3♂♂, 7♀♀; 10.06.2006. Brăhăsoaia, old field 3♂♂, 3♀♀; 09.06.2006. Barboși, wet pasture 1♀;

- Stenodema (Brachystira) calcarata* (Fallén, 1807): 06.06.2006. Iași, pasture 1♀; 09.06.2006. Barboși, wet pasture 5♀♀; 09.06.2006. Sucevița, road verge 4♀♀;
- Stenodema (Stenodema) laevigata* (Linnaeus, 1758): 09.06.2006. Barboși, wet pasture 2♀♀; 09.06.2006. Cozia 1♀;
- Notostira erratica* (Linnaeus, 1758): 06.06.2006. Iași, pasture 4♂♂, 2♀♀; 08.06.2006. Iași, Valea lui David 2♂, 1♀; 08.06.2006. Mădârjac 1♂; 09.06.2006. Sucevița, road verge 1♀;
- Megaloceroea reticornis* (Geoffroy, 1785): 07.06.2006. Trifești, old field 1♀; 08.06.2006. Iași, Valea lui David 3♂♂, 6♀♀; 10.06.2006. Brăhășoaia, old field 8♂♂, 2♀♀; 09.06.2006. Barboși, wet pasture 1♀; 07.06.2006. Grozești 1♂, 1♀;
- Trigonotylus caelestialium* (Kirkadly, 1902): 06.06.2006. Iași, pasture 1♀; 08.06.2006. Mădârjac 1♂, 1♀; 10.06.2006. Brăhășoaia, old field 1♂; 09.06.2006. Barboși, wet pasture 2♂♂, 3♀♀; 09.06.2006. Cozia 1♀;
- Trigonotylus pulchellus* (Hahn, 1834): 07.06.2006. Trifești, old field 2♀♀; 06.06.2006. Iași, pasture 6♂♂, 18♀♀; 10.06.2006. Brăhășoaia, old field 3♂♂, 4♀♀; 09.06.2006. Barboși, wet pasture 2♂♂, 4♀♀; 09.06.2006. Sucevița, road verge 1♂, 2♀♀; 07.06.2006. Icușeni 3♀♀;
- Adelphocoris lineolatus* (Goeze, 1778): 07.06.2006. Trifești, old field 1♀; 06.06.2006. Iași, pasture 3♂♂, 2♀♀; 08.06.2006. Iași, Valea lui David 6♂♂, 9♀♀; 10.06.2006. Brăhășoaia, forest and clearings 1♂; 10.06.2006. Brăhășoaia, old field 3♀♀; 09.06.2006. Barboși, wet pasture 3♂♂, 9♀♀; 09.06.2006. Sucevița, road verge 3♂♂, 5♀♀; 07.06.2006. Icușeni 2♀♀; 09.06.2006. Cozia 1♂ – Common, polifagous species.
- Adelphocoris seticornis* (Fabricius, 1775): 09.06.2006. Barboși, wet pasture 3♂♂ – This, species feeds on *Ononis spinosa* and *Vicia sp.* It is frequent in grasslands.
- Mermelocerus schmidtii* (Fieber, 1836): 10.06.2006. Șișcani, forest and clearings 1♂, 1♀; 09.06.2006. Cozia 1♀ – Zoo-phytofagous species. It lives on deciduous trees and nettles.
- Grypocoris (Lophyromiris) sexguttatus* (Fabricius, 1776): 09.06.2006. inundation area of river Prut 1♂, 1♀; 10.06.2006. Șișcani,

- forest and clearings 3♂♂, 1♀ – It lives in forests and feeds on various herbs and aphids.
- Closterotomus fulvomaculatus* (De Geer, 1773): 08.06.2006. Mădârjac, forest and clearings 1♂; 09.06.2006. inundation area of river Prut 1♂, 2♀♀ – Insectivorous and herbivorous species. It occurs on *Salix spp.* and other deciduous trees.
- Closterotomus norwegicus* (Gmelin, 1788): 09.06.2006. Barboși, wet pasture 1♀ – Polyphagous species (*Urtica dioica*, *Ferula sp.*, *Solanum sp.*, etc.). It lives in mesic and wet grasslands.
- Calocoris affinis* (Herrich-Schäffer, 1835): 09.06.2006. inundation area of river Prut 3♂♂, 2♀♀ – Herbivorous species. It lives in mesic and wet grasslands.
- Brachycoleus decolor* Reuter, 1887: 07.06.2006. Trifești, old field 1♀ – This species feeds on various herbs (Umbelliferae, *Euphorbia spp.*, *Eryngium campestre*).
- Stenotus binotatus* (Fabricius, 1794): 06.06.2006. Iași, pasture 2♂♂; 08.06.2006. Iași, Valea lui David 2♂♂ – It feeds on grasses, in various habitats e.g. forest edges, meadows.
- Lygus rugulipennis* Poppius, 1911: 06.06.2006. Iași, pasture 7♂♂, 6♀♀; 10.06.2006. Brăhășoaia, old field 4♀♀; 09.06.2006. Barboși, wet pasture 4♂♂ – This and the following *Lygus* species are common, polyphagous species, they live at various habitats.
- Lygus pratensis* (Linnaeus, 1758): 09.06.2006. Barboși, wet pasture 3♀;
- Lygus gemellatus* (Herrich-Schäffer, 1835): 10.06.2006. Brăhășoaia, old field 1♀;
- Liocoris tripustulatus* (Fabricius, 1781): 08.06.2006. Mădârjac 1♀; 07.06.2006. Icușeni 1♀ – It occurs on *Urtica dioica* in various habitats e.g. forest edges and clearings, hedge rows.
- Polymerus (Polymerus) holosericeus* (Hahn, 1831): 07.06.2006. Icușeni 1♀ – *Polymerus* species feed mainly on *Gallium spp.* They live in meadows, forest clearings.
- Polymerus (Polymerus) nigrita* (Fallén, 1829): 07.06.2006. Grozești 1♀;
- Polymerus (Poeciloscytus) brevicornis* (Reuter, 1878): 09.06.2006. Sucevița, road verge 2♂♂;

- Polymerus (Poeciloscytus) unifasciatus* (Fabricius, 1794): 07.06.2006. Trifești, old field 1♂; 08.06.2006. Iași, Valea lui David 1♂, 3♀♀; 09.06.2006. Sucevița, road verge 1♂; 10.06.2006. Șișcani, forest and clearings 1♀ – Besides *Galium*, this species feeds on many other herbs.
- Polymerus (Poeciloscytus) vulneratus*: 06.06.2006. Iași, pasture 1♂; 08.06.2006. Iași, Valea lui David 1♀; 08.06.2006. Mădârjac 1♀; ♀ – This species also feeds on herbs e.g. *Gallium spp.*, *Salsola kali* and *Corispermum spp.* It is frequent in sandy grasslands.
- Capsus ater* (Linnaeus, 1758): 06.06.2006. Iași, pasture 1♂; 08.06.2006. Mădârjac 1♂; 10.06.2006. Brăhășoaia, old field 1♀; 09.06.2006. Barboși, wet pasture 1♀; 09.06.2006. Sucevița, road verge 2♀♀ – It feeds on grasses (*Agropyrum*, *Agrostis*) in various meadows.
- Capsodes gothicus* (Linnaeus, 1758): 07.06.2006. Trifești, old field 2♂♂, 1♀; 06.06.2006. Iași, pasture 1♂; 08.06.2006. Mădârjac 1♂; 10.06.2006. Brăhășoaia, forest and clearings 1♀; 10.06.2006. Brăhășoaia, old field 1♂ – It occurs on various herbs (*Lotus*, *Hypericum*, etc.) at various meadows.
- Halticus apterus* (Linnaeus, 1761): 08.06.2006. Iași, Valea lui David 2♂♂, 2♀♀ – This common species feeds on Fabaceae (*Vicia*, *Trifolium*, *Ononis*) in various meadows.
- Orthocephalus saltator* (Hahn, 1835): 06.06.2006. Iași, pasture 1♀; 07.06.2006. Icușeni 1♂ – Polifagous species which lives in a variety of grassland habitats.
- Orthocephalus vittipennis* (Herrich-Schäffer, 1835): 10.06.2006. Brăhășoaia, forest and clearings 1♀; 09.06.2006. Barboși, wet pasture 1♂ – This species feeds on various herbs (*Achillea*, *Chrysanthemum*, *Anthemideae*, *Ononis*) in steppic habitats.
- Heterocordylus (Heterocordylus) tumidicornis* (Herrich-Schäffer, 1835): 07.06.2006. Trifești, old field 2♂♂ – This species lives on trees and bushes of Rosaceae (*Prunus*, *Pyrus*).
- Omphalonus quadriguttatus* (Kirschbaum, 1856): 06.06.2006. Iași, pasture 1♂ – This species occurs on the ground surface, in roots, under stumps, etc. in steppic habitats.

- Systellonotus triguttatus* (Linnaeus, 1767): 06.06.2006. Iași, pasture 1♂; 08.06.2006. Iași, Valea lui David 1♀; 09.06.2006. Sucevița, road verge 2♂♂ – This species lives on the ground surface, in roots, under stumps, etc. in steppic habitats. Presumably, it is myrmecophilous.
- Plagiognathus (Plagiognathus) arbustorum* (Fabricius, 1794): 07.06.2006. Icușeni 1♀ – Polifagous species which lives in wet habitats e.g. forest edges and clearings, hedge rows.
- Plagiognathus (Plagiognathus) chrysanthemi* (Wolff, 1804): 08.06.2006. Iași, Valea lui David 2♂♂ – This species lives on plants of Fabaceae and Astaraceae in various types of grassland habitats (dry grasslands, wastelands, margin of arable fields).
- Europiella artemisiae* (Becker, 1864): 07.06.2006. Trifești, old field 2♀♀ – This species is common on *Artemisia*.
- Campylomma verbasci* (Meyer-Dür, 1843): 07.06.2006. Trifești, old field 1♀;
- Chlamydatus (Chlamydatus) saltitans* (Fallén, 1807): 06.06.2006. Iași, pasture 1♂; 07.06.2006. Icușeni 2♂♂;
- Chlamydatus (Euattus) pulicarius* (Fallén, 1807): 07.06.2006. Trifești, old field 1♂; 08.06.2006. Mădârjac 1♂; 10.06.2006. Brăhășoaia, old field 1♂, 2♀♀ – This species feeds on *Artemisia* in steppic habitats.
- Chlamydatus (Euattus) pullus* Reuter, 1870: 08.06.2006. Iași, Valea lui David 1♂; 07.06.2006. Icușeni 1♂ – This species occurs on different plants (*Artemisia*, *Rumex*, *Achillea*, *Hieracium*) in steppic habitats.
- Atractotomus mali* (Meyer-Dür, 1843): 07.06.2006. Trifești, old field 1♀ – This species lives in forest and shrubland habitats on Rosaceae (*Pirus*, *Prunus*, *Crataegus*) as well as *Urtica*.
- Megalocoleus chrysotrichus* Fieber, 1864: 06.06.2006. Iași, pasture 1♂, 2♀♀;
- Amblytylus nasutus* (Kirschbaum, 1856): 07.06.2006. Trifești, old field 1♀; 06.06.2006. Iași, pasture 9♂♂, 18♀♀; 08.06.2006. Iași, Valea lui David 1♂; 10.06.2006. Brăhășoaia, old field 5♂♂, 11♀♀; 09.06.2006. Sucevița, road verge 1♀ – This

species feeds on many grasses. It is common in dry grasslands and wastelands.

Conostethus hungaricus E. Wagner, 1941: 06.06.2006. Iași, pasture 1♀ – This species is very frequent in *Puccinellia limosa* hollows. It feeds on *Lepidium* and *Puccinellia*.

Placochilus seladonicus (Fallén, 1807): 08.06.2006. Iași, Valea lui David 1♂;

NABIDAE (5)

Himacerus (Aptus) mirmicoides (O. Costa, 1834): 10.06.2006. Șișcani, forest and clearings 1♀ – The family *Nabidae* contains mainly generalist predators. *H. mirmecoides*, *N. rugosus* and *N. brevis* live in forest habitats. *N. ferus*, *N. pseudoferus* and *N. punctatus* are common in various grasslands and agricultural fields.

Nabis (Nabis) rugosus (Linnaeus, 1758): 10.06.2006. Brăhășoaia, forest and clearings 2♂♂, 2♀♀; 09.06.2006. inundation area of river Prut 1♀;

Nabis (Nabis) brevis Scholtz, 1847: 10.06.2006. Șișcani, forest and clearings 2♂♂, 4♀♀;

Nabis (Nabis) ferus (Linnaeus, 1758): 08.06.2006. Mădârjac 1♀;

Nabis (Nabis) pseudoferus Remane, 1949: 09.06.2006. Barboși, wet pasture 3♂♂;

Nabis sp. (the female specimens of *N. pseudoferus* and/or *N. punctatus*): 08.06.2006. Iași, Valea lui David 1♀; 08.06.2006. Mădârjac 1♀; 10.06.2006. Brăhășoaia, old field 3♀♀; 09.06.2006. Barboși, wet pasture 6♀♀; 09.06.2006. Sucevița, road verge 2♀♀; 09.06.2006. Cozia 1♀;

ANTHOCORIDAE (1)

Orius (Orius) niger Wolff, 1804: 07.06.2006. Trifești, old field 1♀; 10.06.2006. Brăhășoaia, old field 2♂♂; 09.06.2006. Sucevița, road verge 1♀; 07.06.2006. Icușeni 1♀ – This predaceous species is common in various habitats.

REDUVIDAE (2)

- Rhinocoris (Rhinocoris) niger* (Herrich-Schäffer, 1844): 08.06.2006. Iași, Valea lui David 1♂ – Rare, predaceous species
Phymata (Phymata) crassipes (Fabricius, 1775): 08.06.2006. Mădârjac 1♂ – This species preys on various insects.

LYGAEIDAE (12)

- Nysius ericae* (Schilling, 1829): 09.06.2006. Barboși, wet pasture 3♀♀; 09.06.2006. Sucevița, road verge 1♀; 07.06.2006. Grozești 1♀; ♀♀ – This is a common, polyfagous species.
Cymus aurescens Distant, 1883: 09.06.2006. Barboși, wet pasture 2♂♂, 5♀♀; 09.06.2006. Sucevița, road verge 1♀ – This species lives in wet grasslands on *Carex*, *Juncus*, *Luzula*, etc.
Cymus melanocephalus Fieber, 1861: 09.06.2006. Barboși, wet pasture 6♂♂, 4♀♀; – This common species lives mainly in marsh meadows on *Carex* and *Juncus* species.
Ischnodemus sabuleti (Fallén, 1829): 06.06.2006. Iași, pasture 3♂♂, 4♀♀ – This species is frequent on sandy grasslands and marsh meadows. It feeds on various grasses and sedges.
Geocoris (Piocoris) erythrocephalus (Lepeletier & Serville, 1825): 07.06.2006. Trifești, old field 1♀; 09.06.2006. Sucevița, road verge 1♂, 1♀ – This species lives in various habitats on Fabaceae.
Heterogaster urticae (Fabricius, 1787): 07.06.2006. Icușeni 1♀ – It feeds on *Urtica* in various habitats e.g. forest edges and clearings, banks of brooks.
Brachyplax tenuis (Mulsant et Rey, 1852): 09.06.2006. Sucevița, road verge 1♂, 1♀ – This is a rare species which prefers dry grasslands and feeds on *Papaver*.
Oxycarenus (Euoxycarenus) pallens (Herrich-Schäffer, 1850): 08.06.2006. Iași, Valea lui David 1♀; 07.06.2006. Icușeni 2♀♀ – This is a frequent species of dry, sandy grasslands. It feeds on Compositae plants.
Peritrechus gracilicornis (Puton, 1877): 09.06.2006. Sucevița, road verge 1♀ – This xerothermophile, frequent species prefers dry and warm habitats (clearing, meadows) with sandy, pebbly ground surface. It feeds on seeds.

Xanthochilus quadratus (Fabricius, 1798): 08.06.2006. Iași, Valea lui David 1♀ – Xerothermophile species which is frequent in dry and warm habitats (clearings, meadows) with sandy, pebbly ground surface. It feeds on seeds.

Graptopeltus validus Horváth, 1875: 07.06.2006. Grozești 1♂ – This rare species lives at forest edges and clearings and feeds on seeds.

Beosus quadripunctatus (Müller, 1766): 09.06.2006. Barboși, wet pasture 1♀ – This species prefers dry and warm, sandy habitats (clearings, meadows). It feeds on seeds.

PYRRHOCORIDAE (1)

Pyrrhocoris apterus (Linnaeus, 1758): 08.06.2006. Mădârjac, forest and clearings 1♀; 07.06.2006. Cilibiu, forest 1♂, 2♀♀ – This is a common species of various habitat types.

COREIDAE (3)

Coreus marginatus (Linnaeus, 1758): 08.06.2006. Mădârjac 1♀; 09.06.2006. Sucevița, road verge 1♂; 07.06.2006. Grozești 4♂♂, 1♀ – This is a common, polyfagous species of various habitat types. Polygonaceae are the preferred host plants.

Coriomeris denticulatus (Scopoli, 1763): 10.06.2006. Brăhășoia, old field 1♂ – This species lives on many different host plants in mesic grasslands.

Ceraleptus gracilicornis (Herrich-Schäffer, 1835): 10.06.2006. Brăhășoia, old field 1♂ – This species prefers dry and warm habitats and feeds mostly on leguminous plants.

RHOPALYDAE (9)

Corizus hyoscyami (Linnaeus, 1758): 07.06.2006. Trifești, old field 1♂ – This species prefers dry, warm habitats and has many different host plants.

Rhopalus (Rhopalus) parumpunctatus (Schilling, 1817): 08.06.2006. Mădârjac 1♀; 10.06.2006. Brăhășoia, old field 1♂ – This polyfagous species lives in various grasslands.

- Rhopalus (Rhopalus) conspersus* (Fieber, 1837): 10.06.2006. Brăhășoaia, forest and clearings 1♂ – This polyfagous species prefers sandy grasslands.
- Rhopalus (Rhopalus) subrufus* (Gmelin, 1788): 09.06.2006. Barboși, wet pasture 1♂, 1♀ – This polyfagous species lives on various grasslands.
- Stictopleurus pictus* Fieber, 1861: 09.06.2006. Barboși, wet pasture 1♂, 1♀;
- Stictopleurus punctatonervosus* (Goeze, 1778): 07.06.2006. Trifești, old field 1♂;
- 08.06.2006. Mădârjac 1♂, 2♀♀; 10.06.2006. Brăhășoaia, old field 1♀; 09.06.2006. Barboși, wet pasture 1♂ – This polyfagous species lives in warm, grassy habitats.
- Stictopleurus crassicornis* (Linnaeus, 1758): 07.06.2006. Trifești, old field 1♀; 10.06.2006. Brăhășoaia, old field 1♀ – This polyfagous species lives in various grasslands.
- Stictopleurus abutilon* (Rossi, 1790): 07.06.2006. Trifești, old field 1♂; 08.06.2006. Mădârjac 1♂; 10.06.2006. Brăhășoaia, old field 2♂♂, 3♀♀; 09.06.2006. Barboși, wet pasture 1♀ – This polyfagous species prefers dry, sandy grasslands.
- Myrmus miriformis* (Fallén, 1807): 07.06.2006. Trifești, old field 1♂; 07.06.2006. Grozești 1♂, 1♀ – This species is common in various grasslands. It feeds on grasses.

PLATASPIDAE (2)

- Coptosoma scutellatum* (Geoffroy, 1785): 08.06.2006. Iași, Valea lui David 1♂, 1♀; 08.06.2006. Mădârjac 2♂♂, 1♀; 10.06.2006. Brăhășoaia, forest and clearings 2♂♂; 09.06.2006. Sucevița, road verge 1♀ – This species is common in various grasslands and agricultural fields. It feeds on leguminous plants.
- Coptosoma mucronatum* Seidenstücker, 1963: 08.06.2006. Iași, Valea lui David 1♂ – This species lives in various grasslands and forest edges on leguminous plants, especially on *Ononis*.

SCUTELLARIDAE (3)

Psacasta neglecta (Herrich-Schäffer, 1837): 09.06.2006. Sucevița, road verge 1♀ – This species is rare, in various warm habitats. It feeds on Boraginaceae.

Psacasta exanthematica (Scopoli, 1763): 09.06.2006. Sucevița, road verge 2♂♂, 1♀ – This xerothermofil species is rare, in various warm habitats. It feeds on Boraginaceae.

Eurygaster testudinaria (Geoffroy, 1785): 06.06.2006. Iași, pasture 1♂; 09.06.2006. Barboși, wet pasture 2♂♂, ♀ – It is a frequent species of various habitats. It feeds on grasses. Among the *Eurygaster* species, *E. testudinaria* prefers less xerothermofil habitats.

PENTATOMIDAE (11)

Sciocoris distinctus Fieber, 1851: 10.06.2006. Brăhășoia, old field 1♀ – It is a rare species in Romania. It feeds on Poaceae.

Aelia acuminata (Linnaeus, 1758): 06.06.2006. Iași, pasture 3♀♀; 08.06.2006. Iași, Valea lui David 1♀; 09.06.2006. Barboși, wet pasture 2♂♂, 2♀♀; 09.06.2006. Sucevița, road verge 1♀; 07.06.2006. Grozești 3♀♀ – It is a common species of grasslands and agricultural fields. It feeds on grasses.

Aelia rostrata Boheman, 1852: 09.06.2006. Sucevița, road verge 1♂, 1♀ – It is a common species of grasslands and agricultural fields. It feeds on grasses.

Neottiglossa leporina (Herrich-Schäffer, 1830): 09.06.2006. Sucevița, road verge 2♀♀ – It is a frequent, xerothermofil species in grasslands. It feeds on grasses.

Stagonomus (Stagonomus) amoenus (Brullé, 1832): 08.06.2006. Iași, Valea lui David 2♀♀ – This species lives at forest edges and clearings. It feeds on Lamiaceae.

Eysarcoris venustissimus Schrank, 1776: 09.06.2006. inundation area of river Prut 3♂♂, 1♀ – This polyfagous species lives in forests, forest edges and clearings.

Eysarcoris aeneus (Scopoli, 1763): 08.06.2006. Mădârjac 1♂; 10.06.2006. Brăhășoia, old field 1♀ – This polyfagous species lives in mesic and wet grasslands and forest clearings. It prefers Lamiaceae.

- Palomena prasina* (Linnaeus, 1761): 10.06.2006. Şişcani, forest and clearings 1♀ – This polyfagous species lives in forests.
- Carpocoris (Carpocoris) purpureipennis* (De Geer, 1773): 08.06.2006. Iaşi, Valea lui David 1♀; 08.06.2006. Mădârjac 1♂ – This frequent species lives in various habitats and feeds on *Carduus* and *Cirsium* species.
- Carpocoris* sp. 08.06.2006. Iaşi, Valea lui David 1♀;
- Dolycoris baccarum* (Linnaeus, 1758): 08.06.2006. Iaşi, Valea lui David 1♂, 1♀; 08.06.2006. Mădârjac 1♀; 09.06.2006. Barboşi, wet pasture 1♀; 07.06.2006. Grozeşti 1♂ – It is a common, polyfagous species. It lives in various habitats.
- Eurydema (Eurydema) oleraceum* (Linnaeus, 1758): 07.06.2006. Trifeşti, old field 1♂, 1♀; 08.06.2006. Iaşi, Valea lui David 1♀; 09.06.2006. Barboşi, wet pasture 1♂, 1♀ – It is a common species of various grasslands and agricultural fields. It has many host plants, but prefers *Brassicaceae*.

Although, the sampling periods were short, 99 species were collected and several of them were rare species (e.g. *Rhinocoris niger*, *Placochilus seladonicus*, *Psacasta exanthematica*). The relatively high number of the collected species was presumably due to the various sampling sites. However, the average number of collected species per sites was low (mean \pm SD: 16.92 ± 8.94). Most species were collected on seminatural grasslands. The highest number of species were collected on wet pasture near Barboşi (29 species) and at Valea lui David (26 species). The lowest number of species was collected in forest habitats e.g. 6 species in the forest near Şişcani and 6 species in the inundation area of river Prut. Several species were also collected in old fields and in disturbed grassy habitats as road verges (e.g. 23 species at both Brăhăşoia and Trifeşti and 24 species near Suceviţa). The lack of some taxa (e.g. Dipsocoromorpha, Aradidae, etc.) can be attributed to the special methods required to collect them, which were not applied in our case. Furthermore, the species number of some taxa (e.g. Tingidae, Lygaeidae, Pentatomidae, etc.) is relatively low due to seasonal variation in species composition of Heteroptera assemblages. Presumably, several further species occur on the sampling sites.

Although, we collected almost a hundred species this material cannot be used for comparative analysis as regards other faunistical studies neither

from the same region nor from other regions, because of the short sampling period. The Moldavian Heteroptera fauna is poorly studied. A checklist of 241 species was given in the 19th century by Montandon (1885). However, the real number of the true bug species could be at least double in the region. The landscape of the region is dominated by agricultural fields and true bug assemblages have major role in agroecosystems (for a review see Fauvel 1999). Thus Heteroptera studies are badly needed in Moldova.

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Adatok Moldva poloska faunájához

Összefoglalás

Jelen dolgozat a Babeş-Bolyai Egyetem, a Sapiientia Egyetem, a Szegedi Tudományegyetem és a Magyar Természettudományi Múzeum közös, moldvai expedíciójának poloskákra vonatkozó faunisztikai eredményét közli. Összesen 12 családba tartozó 99 poloskafajt gyűjtöttünk, köztük néhány ritka fajt is (pl. *Rhinocoris niger*, *Placochilus seladonicus*, *Psacasta exanthematica*). A régió poloska-faunájának kutatottsága szegényes más régiókhoz, például Dobrudzsához képest. Montandon (1885) 241 fajt említ, azonban a reális fajszám ennek duplája. A poloskák kutatása a régióban fontos lenne, már csak a poloskák agrárterületeken betöltött szerepe miatt is.