

True bugs (Heteroptera) of the Bukovské vrchy Hills (Poloniny National Park, Slovakia)

JOSEF BRYJA^{1,2} & PETR KMENT^{3,4}

¹ Department of Population Biology, Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic, CZ-675 02 Studenec 122, Czech Republic; e-mail: bryja@brno.cas.cz

² Institute of Botany and Zoology, Faculty of Science, Masaryk University, Kotlářská 2, CZ-611 37 Brno, Czech Republic

³ Department of Entomology, National Museum, Kunratice 1, CZ-148 00 Praha 4, Czech Republic; e-mail: sigara@post.cz

⁴ Charles University in Prague, Faculty of Science, Department of Zoology, Viničná 7, CZ-128 44 Praha 2, Czech Republic

BRYJA J. & KMENT P. 2007: True bugs (Heteroptera) of the Bukovské vrchy Hills (Poloniny National Park, Slovakia). *Acta Musei Moraviae, Scientiae biologicae* (Brno) **92**: 1–51. – The true bugs of the Bukovské vrchy Hills (Eastern Carpathians, Slovakia), the most valuable parts of which are protected as the Poloniny National Park, have hitherto been very poorly known. Here we provide a comprehensive faunistic survey of Heteroptera based on both published and unpublished data. Altogether we document the occurrence of 193 species of Heteroptera (22.6 % of the Slovak fauna) in Bukovské vrchy hills. Two species, *Macrolophus rubi* Woodroffe, 1957 (Miridae) and *Panaorus adspersus* (Mulsant et Rey, 1852) (Rhyparochromidae), are known to occur in Slovakia only in the Poloniny National Park. The first reliable record of *Psallus (Apocremnus) montanus* Josifov, 1973 (Miridae), a new species for Slovakia, is included. *Centaurea jacea* L. (Asteraceae) is confirmed as host plant for *Oncotylus viridiflavus viridiflavus* (Goeze, 1778) (Miridae), and *Aruncus vulgaris* Rafin. (Rosaceae) is reported as host plant of *Odontoplastys bidentulus* (Herrich-Schäffer, 1842) (Miridae) for the first time.

Key words. Heteroptera, Slovakia, Carpathians, faunistics, host plant

Introduction

The Východné Karpaty Protected Landscape Area (= PLA), situated at the north-easternmost corner of Slovakia and bounded by the territories of Poland to the north and of the Ukraine to the east (Fig. 1), was established on 1st November 1977 to protect the exceptionally well-preserved natural environment in this area. In 1997, the most valuable part of the PLA (29,805 ha + 10,973 ha of protection zone) was proposed as the Poloniny National Park (= NP). In 1990, both Východné Karpaty PLA and Poloniny NP, together with Bieszczadzski NP, Ciśniańsko-Wetliński PLA, Doliny Sanu PLA in Poland, and Uzhansky NP and Nadsanskyj PLA in the Ukraine, became parts of a trilateral UNESCO Eastern Carpathians Biosphere Reserve, the largest of its kind in Europe. The characteristics of the area studied are largely after VOLOŠČUK (1988), TESÁK et al. (1989), and ŠÍR et al. (2003).

In terms of orographical classification, the Poloniny NP is part of the Outer Eastern Carpathians, within the Poloniny unit and the Bukovské vrchy Mts. subunit. The highest mountain in the Bukovské vrchy Mts. is Mt. Kremenec (= Krzemieniec), at 1221 m.a.s.l.;

the lowest point is at the level of the Ublianka stream near the village of Ubl'á (ca. 200 m.a.s.l.). The area is geologically monotonic, made up of the Dukla unit of the Carpathian flysh belt (Upper Cretaceous and Palaeogene), which is characterized by alternating sandstone and claystone layers, partly including moderately calcareous horizons. Since these rocks are mostly semisolid, their surface outcropping and blocky screes are generally confined only to areas that have been strongly affected by mass rockslides (e.g. the Jarabá Skala National Reserve (= NR)). For this reason, they bear quite deep decalcified sandy-clayey soils (cambisols). Calcareous soils or tufa-forming soils occur only around certain springs or seepages, mostly in landslide areas. The geological substrates also include deluvial and fluvial Quaternary sediments.

The elevation of the highest ridge (on the Slovak-Polish border) is highest in its eastern part (Mt. Kremeneč), decreasing towards the west and south. In contrast, the bottoms of the larger valleys lie at only 300–400 m.a.s.l.; differences in altitude may therefore be counted in the 400–500-m range, and more. The landforms of the Bukovské vrchy Mts. are characterized by long rounded ridges, laterally cut by numerous V-shaped valleys with steep slopes, lacking rock outcrops. The characteristic flysh relief is typically modified by sliding processes. Only by the larger streams are typical floodplains developed, for example in the valleys of the Cirocha river at Ruské and the Ulička river near Kolbasov. There are 18 larger streamlets in the area of Poloniny NP, belonging to the river-basins of the Ondava, Laborec and Uh rivers. The ridge on the Slovak-Polish border is the watershed of the Baltic and Black Seas. Open water (415 ha) takes up only 1.4 % of the area of the Poloniny NP.

The climate of the mountain zone (800 m.a.s.l.) is moderately cool and moist, with mean annual temperatures of 5–5.5°C (January -5.8°C, July 15.3°C) and rainfall at about 1000–1100 mm. However, significant local oscillations are generated by orographic factors.

Human settlement in the area of the Poloniny NP is relatively recent, dating back only to the Middle Ages (the turn of the 14th century). Its remote areas have been only slightly influenced by anthropogenic interventions. Forests cover 90.6 % of the area of the NP. There are dense forests of European beech (*Fagus sylvatica* L.) admixed with silver fir (*Abies alba* Mill.), mainly in the Stučica NR, and sycamore (*Acer pseudoplatanus* L.); European ash (*Fraxinus excelsior* L.) also occurs in scree forest, with wych elm (*Ulmus glabra* Huds.) and lindens (*Tilia* spp.). Oaks (*Quercus* sp.) occur on southern slopes at lower altitudes. Norwegian spruce (*Picea abies* (L.) Karsten) is not native to the Bukovské vrchy Mts. These forests are still inhabited by large mammals – brown bear (*Ursus arctos* Linnaeus, 1758), wolf (*Canis lupus* Linnaeus, 1758), Eurasian lynx (*Lynx lynx* (Linnaeus, 1758)), moose (*Alces alces* Linnaeus, 1758), and reintroduced European bison (*Bison bonasus* Linnaeus, 1758). The summit parts of the mountain ridges bear a narrow zone of meadows and pastures (known as 'poloniny' – hence the park's name), which is fringed by dwarf beech and sycamore stands. The villages are surrounded by pastures and meadows of historical standing. The sliding processes of the flysh layers result in the development of spring fens, with characteristic and endangered biocenoses (see HORSÁK 2005), which may closely alternate with xerothermic patches on the slopes.

The total biodiversity of the Bukovské vrchy Mts. Has been addressed by ŠÍR et al. (2003), giving the following numbers of species known from the Poloniny NP: vascular plants – 1010, mosses – 342, lichens – 210, fungi – 1207, fishes – 19, amphibians – 13, reptiles – 8, birds – 198, mammals – 55, and invertebrates – 4488 species. Possibly most notable among them is the occurrence of endemic Eastern Carpathian plant and animal species (especially snails and beetles). However, knowledge of the invertebrate fauna of the Poloniny NP is patchy. There are comprehensive papers on the Mollusca (JUŘIČKOVÁ et al. 2006), Araneae, Pseudoscorpiones, Opiliones and Parasitiformes (Acari) (MAŠÁN & SVATOŇ 2003), ‘orthopteroid’ insects (ČEJCHAN 1989), Curculionidae (Coleoptera) (HOLECOVÁ et al. 1996, 1997; HOLECOVÁ & PETRYSZAK 1998) and Diptera (ROHÁČEK et al. 1995), but information about other groups is very fragmentary. A historical review of invertebrate studies up to 1988 was given by ČAPUTA (1988); however, its bibliography is incomplete.

After the Second World War, the Slovak Heteroptera fauna was studied intensively, especially by Jaroslav L. Stehlík and his colleagues from the Moravian Museum, Brno. They systematically surveyed many localities throughout the Slovak territory as far as Medzilaborce and the Vihorlat Mts., but they never visited the Bukovské vrchy Mts. (see e.g., STEHLÍK & VAVŘINOVÁ 1993, 1994, 1995, 1999a, 1999b). Material from other collectors (e.g., Pavel Štys) still remains unpublished. Thus, only 11 species of Heteroptera were published from the Bukovské vrchy Mts. before our studies, eight of them from the Ulič locality – *Micronecta griseola* Horváth, 1899, *M. poweri* (Douglas et Scott, 1869) (WRÓBLEWSKI 1960); *Saldula orthochila* (Fieber, 1859), *S. c-album* (Fieber, 1859) (HOBERLANDT 1977); *Elasmucha grisea* (Linnaeus, 1758), *Eurygaster austriaca* (Schrank, 1776) (STEHLÍK & VAVŘINOVÁ 1993); *Dolycoris baccarum* (Linnaeus, 1758), *Eurydema ornatum* (Linnaeus, 1758) (STEHLÍK & VAVŘINOVÁ 1994) – and one from Ruské – *Panaorus adspersus* (Mulsant et Rey, 1852) (ŠTUSÁK 1976). Bozděchová mapped the occurrence of *Trigonotylus caelestialium* (Kirkaldy, 1902) (BOZDĚCHOVÁ 1973) and *Notostira erratica* (Linnaeus, 1758) (BOZDĚCHOVÁ 1975), but gave no exact localities. Recently, KMENT et al. (2003) reported the occurrence of the species *Capsus pilifer* (Remane, 1950), *Macrolophus rubi* Woodroffe, 1957, and *Odontoplatys bidentulus* (Herrich-Schaeffer, 1842), based on our own material; and RUS (2005) mentioned a record of *Aneurus avenius* (Dufour, 1833) from Nová Sedlica. The first comprehensive paper on the true bug fauna of Bukovské vrchy was published by BRYJA & KMENT (2007)¹⁾, listing the occurrence of 138 species of Heteroptera.

¹⁾Partial data from the current paper were edited and submitted to *Folia Faunistica Slovaca*, a journal that claims ‘manuscripts are published immediately on acceptance’, early in 2004 and subsequently reviewed. However, after the referees’ comments had been accommodated, no progress was made. The web-page of *Folia Faunistica Slovaca* was not activated, and no e-mails addressed to the editors in 2004 and 2005 were answered. Given this situation (spring 2006), we decided to withdraw the manuscript, extend it and publish elsewhere. We informed the editorial board accordingly. However, we did not receive any response from them. Browsing the Zoological Records on-line in April 2007, we found a reference to our paper, published in 2004 (official date of publication 15th November 2004), although we had received no proofs or pdf files from the editors. Moreover, the pdf file of this paper was not downloadable from the web page. After personal intervention, the pdf file became downloadable on 12th July 2007, but the file was defective. The mended pdf was posted on the web on 15th July 2007; this date should be considered as the actual date of publication. The pagination of the paper given on the web by *Folia Faunistica Slovaca* and in Zoological Records [9(4): 31–36] is incorrect. In the final version of the paper, most of the text accompanying the table of species was omitted, which makes part of the published faunistic records unidentifiable. For this reasons we list here the exact collection data for all records.

In the Polish part of the mountains, the Bieszczadzski Park Narodowy, intensive research focused on the family Miridae in the 1980s (GORCZYCA & HERCZEK 1988, GORCZYCA et al. 1989), but information about other families remains very fragmentary (e.g., CMOLUCHOWA & LECHOWSKI 1977). A review of the 173 species of terrestrial Heteroptera known from the Polish Bieszczady has been published by GORCZYCA & LIS (2000). The Heteropteran fauna of the Ukrainian Carpathians was briefly mentioned by ARNOL'DI (1958) and extensively studied by ROSHKO (e.g., 1955, 1956, 1958, 1959a, 1959b, 1961, 1968, 1976).

The Bukovské vrchy Hills, a part of the Eastern Carpathian massif, has an unique geological and biogeographical position within Slovak territory (MAŘAN 1954, DOSTÁL 1960, ZELENÝ 1972). The natural conditions of the Bukovské vrchy hills allow the occurrence of many species, montane as well as thermophilous, hygrophilous as well as xerophilous (cf. HOLECOVÁ et al. 1997), which makes them an interesting region for biogeographical and ecological investigations. This paper therefore summarizes previously published records, supplements comprehensive records of material already published by BRYJA & KMENT (2007) and adds new, previously unpublished data.

Material and Methods

The main part of the material evaluated was taken around 18–22 June 2002 (J. Bryja lgt.) and 16–21 July 2005 (P. Kment lgt.), in various biotopes in order to highlight the basic species richness of Heteroptera. The terrestrial true bugs were collected by sweeping vegetation, beating the shrubs and trees, or individually; the water bugs were collected using a kitchen strainer.

The material examined is housed in the following collections:

CUPC coll. Department of Zoology, Charles University, Praha, Czech Republic
JBSC coll. Josef Bryja, Studenec, Czech Republic
JVPC coll. Jitka Vilímová, Department of Zoology, Charles University, Praha, Czech Republic
MMBC coll. Moravian Museum, Brno, Czech Republic
MMHC coll. Marion Mantič, Hlučín, Czech Republic
MUBC coll. Department of Botany and Zoology, Masaryk University, Brno, Czech Republic
NMPC coll. National Museum, Praha, Czech Republic
PKPC coll. Petr Kment, deposited in National Museum, Praha, Czech Republic
VURV coll. Research Institute of Crop Production (= Výzkumný ústav rostlinné výroby), Praha-Ruzyně, Czech Republic

Map field codes of the central European mapping grid (EHRENDORFER & HAMANN 1965) follow NOVÁK (1989). We accept the taxonomic system of CASSIS & GROSS (1995, 2002). The nomenclature largely follows AUKEMA & RIEGER (1995, 1996, 1999, 2001, 2006). The records published by BRYJA & KMENT (2007) in tabular form are repeated here as full faunistic records (for reasons see footnote).

The following abbreviations are used: NP – National Park, NM – Natural Monument, NNR – National Nature Reserve, NR – Nature Reserve, PLA – Protected Landscape Area; br – brachypterous, ma – macropterous, mi – micropterous.

List and characteristics of localities.

The true bugs were collected in the course of two field excursions at 34 localities (Fig. 1):

1. Jalová (6999), Gazdorán NR (established 1993, area 17.3 ha, 460–507 m.a.s.l.). GPS: 49°03'05" N, 22°16'15" E. Thermophilous meadow communities on xerothermic flysh habitat. Visited 20.vi.2002.
2. Jalová (6999), vegetation along path towards top of Gazdorán NR (outside the NR) (420 m.a.s.l.). GPS: 49°03'05" N, 22°16'15" E. Visited 20.vi.2002.
3. Kalná Roztoka (6999), Havešová NNR (established 1964, area 171 ha, 450–700 m.a.s.l.). GPS: 49°00'30" N, 22°19'50" E. Indigenous forest associations, primeval beech forest with admixture of valuable broadleaf trees. Visited 21.vii.2005.
4. Kalná Roztoka (6999), a small reservoir on the Ublianka stream and adjacent floodplain (343 m.a.s.l.). GPS: 48°59'47" N, 22°18'57" E. Visited 21.vii.2005.
5. Kalná Roztoka (6999), intravilan of the village (ca. 370 m.a.s.l.). GPS: 48°58'00" N, 22°19'00" E. Visited 21.vii.2005.
6. Kolbasov (6900), Bzaná NR (established 1993, area 15.5 ha, 360–500 m.a.s.l.). GPS: 49°00'40" N, 22°22'35" E. Thermophilous meadow and shrub associations, typical cultivated landscape of Bukovské vrchy Mts. Visited 18.vii.2005.
7. Kolbasov (6900), Kýchera hill (340–433 m.a.s.l.). GPS: 49°00'03" N, 22°23'35" E. Xerothermic forest-steppe. Visited 21.vi.2002.
8. Kolbasov (6900), Ulička NM (established 1994, area 7.25 ha, 317 m.a.s.l.). GPS: 49°00'01" N, 22°22'00" E. Fragment of submontane stream with typical river relief in flysh, with indigenous shore and initial communities on gravel deposits. Visited 21.vi.2002 and 18.vii.2005.
9. Nová Sedlica (6900) Jarabá skála NNR (established 1964, area 360 ha, 700–1190 m.a.s.l.). GPS: 49°05'48" N, 22°27'07" E; and 49°06'10" N, 22°27'15" E. Indigenous rock outcrop locality with isolated locality of non-forest vegetation, primeval beech forest with admixture of maple and elm, montane meadows (poloniny) at the top. Visited 19.vii.2005.
10. Nová Sedlica (6900), Medová baba pond (620 m.a.s.l.). GPS: 49°05'00" N, 22°27'40" E. Visited 19.vii.2005.
11. Nová Sedlica (6901), fen 800 m NNW of the village near Zbojský potok (at the crossroads of green and yellow tourist paths) (420–430 m.a.s.l.). GPS: 49°03'23" N, 22°30'33" E. Visited 22.vi.2002 and 18.vii.2005.
12. Nová Sedlica (6901), forest 300 m SW of Packova Kýchera Mt. (760 m.a.s.l.). GPS: 49°04'02" N, 22°32'26" E. Beech forest. Visited 16.vii.2005.
13. Nová Sedlica (6901), Stučica NNR (established 1965, area 761 ha, 640–1207 m.a.s.l.), valley of Stučická rieka stream. GPS: 49°04'23" N, 22°32'30" E. Complex of beech and beech-fir primeval forests with all stages of forest development. Visited 16.vii.2005.
14. Nová Sedlica (6901), Stučica NNR, Čierty až Mt. (1071 m.a.s.l.). GPS: 49°05'35" N, 22°30'50" E. Montane meadow. Visited 19.vi.2002.

15. Nová Sedlica (6901), Stužica NNR, Kamenná lúka (1200 m.a.s.l.). GPS: 49°05'30" N, 22°32'52" E. Montane meadow. Visited 19.vi.2002.
16. Nová Sedlica (6901), Stužica NNR, Kremenec Mt. (1207 m.a.s.l.). GPS: 49°05'18" N, 22°34'03" E. Montane meadow surrounded by beech forest. Visited 19.vi.2002.
17. Nová Sedlica (6901), Stinská slatina NR (established 1988, area 2.76 ha, 680 m.a.s.l.). GPS: 49°01'10" N, 22°31'40" E. Locality with indigenous fen-peat communities, open fen with *Sphagnum* and *Eriophorum*, *Phragmitetum*, surrounded by beech forest. Visited 21.vi.2002 and 20.vii.2005.
18. Nová Sedlica (6901), 'Vrch hrbu' hill (450–600 m.a.s.l.). GPS: 49°02'15" N, 22°31'10" E. Submontane meadows and forest margin along road from Nová Sedlica to Stinská slatina NR. Visited 20.vii.2005.
19. Nová Sedlica (6901), xerothermic meadows on slope opposite to NP field station (460 m.a.s.l.). GPS: 49°03'10" N, 22°31'10" E. Visited 18.vi.2002.
20. Nová Sedlica (6901), former pasture and forest margin above NP field station (460 m.a.s.l.). GPS: 49°03'20" N, 22°31'04" E. Visited 22.vi.2002.
21. Nová Sedlica (6901), environs of the brook above NP field station (420–440 m.a.s.l.). GPS: 49°03'15" N, 22°31'20" E. Visited 22.vi.2002.
22. Nová Sedlica (6901), 'Pod Prikrym' (650 m.a.s.l.). GPS: 49°04'08" N, 22°30'33" E. Submontane meadows. Visited 19.vi.2002.
23. Nová Sedlica (6901), xerothermic meadows and springs above church (west of the village) (460–520 m.a.s.l.). GPS: 49°02'50" N, 22°31'20" E. Visited 20.vii.2005.
24. Nová Sedlica (6901), intravilan of the village (380–460 m.a.s.l.). GPS: 49°02'40" N, 22°30'55" E. Visited 17.–21.vii.2005.
25. Ruské (6800), Pod Ruským NR (established 1988, area 11.1 ha, 420–440 m.a.s.l.). GPS: 49°06'15" N, 22°20'00" E. Wet meadows. Visited 20.vi.2002.
26. Ruské (6800), Pod Ruským NR (established 1988, area 11.1 ha, 420–440 m.a.s.l.). GPS: 49°06'15" N, 22°20'00" E. Former pastures with extensive management. Visited 20.vi.2002.
27. Stakčín (6999), the floodplain of the Chotinka stream at the junction with Hřboký potok brook (320 m.a.s.l.). GPS: 49°02'12" N, 22°12'07" E. Visited 21.vii.2005.
28. Stakčín (6999), urban area (255 m.a.s.l.). GPS: 49°00'05" N, 22°13'25" E. Visited 21.vii.2005.
29. Topoľa (6900), environs of the ford across the Ulička stream 600 m S of the village (350 m.a.s.l.). GPS: 49°01'50" N, 22°21'27" E. Alluvial vegetation, puddle in the road. Visited 18.vii.2005.
30. Ulič (7000), Uličská Ostrá NR (established 1993, area 25.2 ha, 300–518 m.a.s.l.). GPS: 48°59'15" N, 22°23'57" E. Forest communities (especially beech forest) on steep slope. Visited 18.vii.2005.
31. Uličské Krivé (7000), Rožok NNR (established 1965, area 67.1 ha, 460–792 m.a.s.l.) and the valley of the brooklet below the reserve (400–460 m.a.s.l.). GPS: 48°58'48" N, 22°27'45" E, and 48°58'58" N, 22°27'16" E, respectively. Primeval beech forest. Visited 17.vii.2005.

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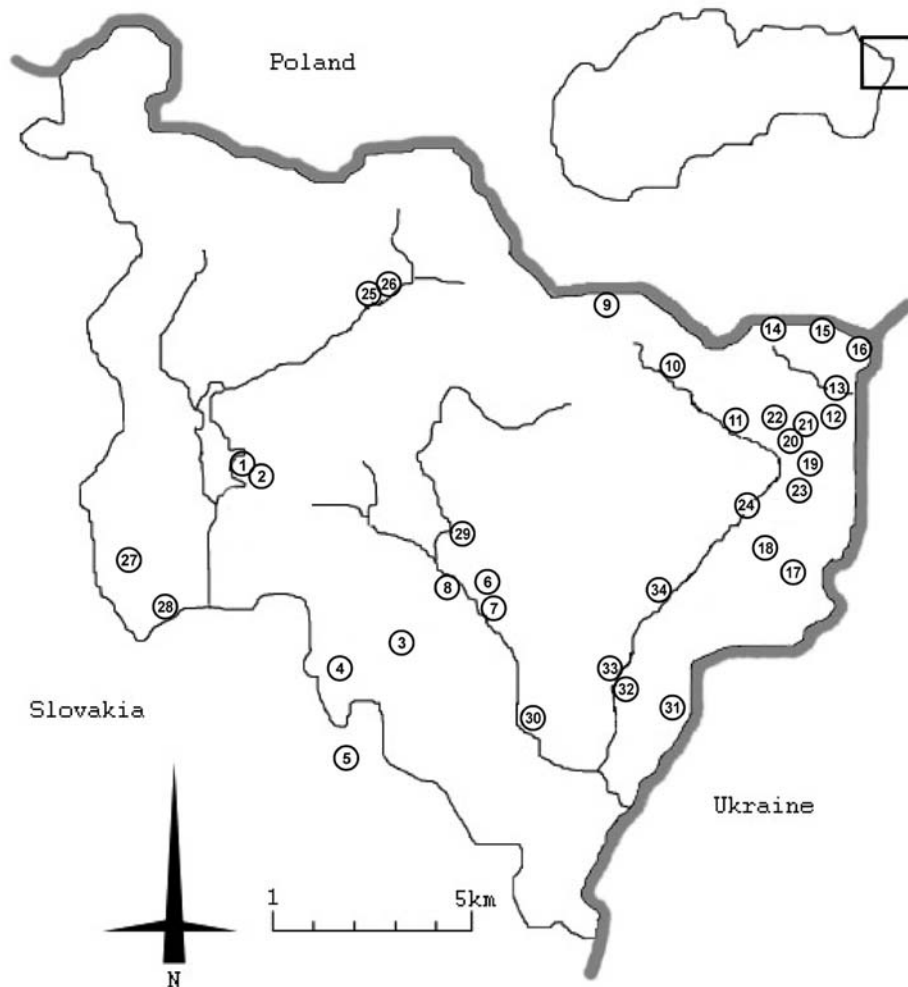


Fig. 1. Location of the study area with positions of the collecting sites (numbers in circles correspond to the list of localities).

- 32. Uličské Krivé (7000), vegetation on the left bank of the Zbojský potok stream and adjacent field margins (270–300 m.a.s.l.). GPS: 48°59'20" N, 22°26'28" E. Visited 17.vii.2005.
- 33. Uličské Krivé (7000), intravilan of the village, old cemetery around the wooden church (270–290 m.a.s.l.). GPS: 48°59'30" N, 22°26'15" E. Visited 18.vii.2005.
- 34. Zboj (6900), the fen 1.5 km SW of the village, by the road to Uličské Krivé (320 m.a.s.l.). GPS: 49°00'43" N, 22°27'48" E. Visited 17.vii.2005.

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List of species

DIPSOCORIDAE

Cryptostemma alienum Herrich-Schaeffer, 1835

Unpublished record. Stakčín (6999), Cirocha river, 260 m.a.s.l., 12.vii.1961, 1 ♂, K. Hůrka lgt., P. Kment det. (Coll. Hůrka, NMPC).

NEPIDAE

Nepa cinerea Linnaeus, 1758

Unpublished record. Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

NOTONECTIDAE

Notonecta (Notonecta) glauca glauca Linnaeus, 1758

Unpublished records. Kalná Rostoka, small pond on Ubl'ianka brook, 21.vii.2005, 2 ♀♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Medová baba pond, 19.vii.2005, 2 ♂♂, P. Kment lgt. & det. (PKPC).

CORIXIDAE

Micronecta (Dichaetonecta) scholtzi (Fieber, 1860)

Unpublished record. Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♂ 1 ♀ (ma), P. Kment lgt. & det. (PKPC).

Micronecta (Micronecta) griseola Horváth, 1899

Published record. Ulič (WRÓBLEWSKI 1960).

Micronecta (Micronecta) poweri poweri (Douglas et Scott, 1869)

Published record. Ulič (WRÓBLEWSKI 1960).

Unpublished records. Kalná Rostoka, small pond on Ubl'ianka brook, 21.vii.2005, 5 ♀♀ (br), P. Kment lgt. & det. (PKPC). Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♀ (ma), P. Kment lgt. & det. (PKPC).

Sigara (Pseudovermicorixa) nigrolineata (Fieber, 1848)

Published record. Nová Sedlica env., 14.vii.1988, 1 ♂ 6 ♀♀, J. Vilimová lgt., P. Kment det. (JVPC) (BRYJA & KMENT 2007).

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Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt. & det. (PKPC).

Sigara (Vermicorixa) lateralis (Leach, 1817)

Unpublished records. Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

HEBRIDAE

Hebrus (Hebrusella) ruficeps Thomson, 1871

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♀♀ (mi), P. Kment lgt., J. Bryja det. (JBSC).

VELIIDAE

Microvelia (Microvelia) reticulata (Burmeister, 1835)

Unpublished record. Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♂ 3 ♀♀ (ma) 2 ♂♂ 2 ♀♀ (ap), P. Kment lgt. & det. (PKPC).

Velia (Plesiovelia) caprai caprai Tamanini, 1947

Published record. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 3 ♂♂ 1 ♀, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, small pond on Ublňanka brook, 21.vii.2005, 1 ♂ (ap), P. Kment lgt. & det. (PKPC). Nová Sedlica, above church, small brook in beech forest, 20.vii.2005, 1 ♂ (ap), P. Kment lgt. & det. (PKPC).

GERRIDAE

Aquarius paludum paludum (Fabricius, 1794)

Unpublished record. Nová Sedlica, Medová baba pond, 19.vii.2005, 1 ♂ (ma), P. Kment lgt. & det. (PKPC).

Gerris (Gerris) gibbifer Schummel, 1832

Published records. Nová Sedlica env., 14.vii.1988, 1 ♂ 2 ♀♀, J. Vilimová lgt., P. Kment det. (JVPC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt., P. Kment det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt., P. Kment det. (PKPC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, SW slope of Packova Kýčera Mt., beech forest, puddles on the path to Stučica, 16.vii.2005, 1 ♂ 1 ♀, P. Kment lgt. & det. (PKPC). Stakčín, valley of Chotinka brook, 21.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt. & det. (PKPC).

Gerris (Gerris) lacustris (Linnaeus, 1758)

Unpublished records. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 2 ♂♂ (ma), P. Kment lgt. & det. (PKPC). Nová Sedlica, Medová baba pond, 19.vii.2005, 6 ♂♂ 4 ♀♀ (ma) 2 ♀♀ (br), P. Kment lgt. & det. (PKPC). Stakčín, valley of Chotinka brook, 21.vii.2005, 1 ♂ (ma) 1 ♂ (br), P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 1 ♀ (ma), P. Kment lgt. & det. (PKPC).

Gerris (Gerris) odontogaster (Zetterstedt, 1828)

Unpublished records. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 1 ♀ (ma), P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 1 ♂ (ma), P. Kment lgt. & det. (PKPC).

Gerris (Gerris) thoracicus Schummel, 1832

Unpublished records. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 3 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, puddle on the road, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, puddles on the road by Ulička river, 18.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt. & det. (PKPC).

Gerris (Gerriselloides) asper (Fieber, 1860)

Unpublished record. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 1 ♂ 1 ♀ (ma), P. Kment lgt. & det. (PKPC).

Limnporus rufoscutellatus (Latreille, 1807)

Unpublished records. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, puddles in meadow by Zbojský potok brook N of village, 420 m.a.s.l., 19.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

SALDIDAE

Macrosaldula scotica (Curtis, 1835)

Published record. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

***Saldula c-album* (Fieber, 1859)**

Published record. Ulič (HOBERLANDT 1977).

***Saldula opacula* (Zetterstedt, 1838)**

Unpublished record. Kolbasov, Ulička NM, 18.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

***Saldula orthochila* (Fieber, 1859)**

Published record. Ulič (HOBERLANDT 1977).

***Saldula saltatoria* (Linnaeus, 1758)**

Published record. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

TINGIDAE

***Acalypta musci* (Schrank, 1781)**

Unpublished record. Kolbasov, Ulička NM, 18.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

***Catoplatus fabricii* (Stål, 1868)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt. & det. (PKPC).

***Dictyla humuli* (Fabricius, 1794)**

Unpublished record. Stakčín, valley of Chotínka brook, 21.vii.2005, 3 ♀♀, P. Kment lgt. & det. (PKPC).

***Lasiacantha capucina capucina* (Germar, 1837)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, under *Thymus* sp., 20.vii.2005, 1 ♀ (br), P. Kment lgt. & det. (PKPC).

***Tingis (Tingis) ampliata* (Herrich-Schaeffer, 1838)**

Published record. Ruské, Pod Ruským NR, wet meadow, 2002, 1 ♀, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

***Tingis (Tropidocheila) reticulata* Herrich-Schaeffer, 1835**

Published record. Jalová, roadside vegetation under Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

MIRIDAE

***Acetropis (Acetropis) carinata* (Herrich-Schaeffer, 1841)**

Published records. Jalová, roadside vegetation under Gazdorán NR, 20.vi.2002, 4 ♀♀, J. Bryja lgt. & det. (JBSC). Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Acetropis (Acetropis) longirostris* Puton, 1875**

Published record. Ruské, Pod Ruským NR, wet meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Adelphocoris lineolatus* (Goeze, 1778)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čiert'áž, mountain meadow, 19.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Adelphocoris seticornis* (Fabricius, 1775)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýchera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Adelphocoris ticinensis* (Meyer-Dür, 1843)**

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Note. Rare, Euro-Siberian species inhabiting wet and swampy habitats (KERZHNER & JOSIFOV 1999, KMENT et al. 2005). Its distribution in Slovakia was summarized and mapped by KMENT et al. (2005).

***Adelphocoris vandalicus* (Rossi, 1790)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 3 ♂♂, P. Kment lgt., J. Bryja det. (JBSC).

***Apolygus lucorum* (Meyer-Dür, 1843)**

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 4 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 3 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♂♂ 5 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Apolygus rhamnicola* (Reuter, 1885)**

Published record. Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Apolygus spinolae* (Meyer-Dür, 1841)**

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Atractotomus magnicornis* (Fallén, 1807)**

Unpublished record. Nová Sedlica, Stuzica NNR, 16.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Atractotomus mali* (Meyer-Dür, 1843)**

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Blepharidopterus angulatus* (Fallén, 1807)**

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Bryocoris pteridis* (Fallén, 1807)**

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 2 ♂♂ 1 ♀, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stučica NNR, 16.vii.2005, 2 ♂♂ 3 ♀♀ (br), P. Kment lgt. & det. (PKPC, JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Calocoris affinis* (Herrich-Schaeffer, 1835)**

Published records. Jalová, vegetation along path towards top of Gazdoráň NR, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 2 ♂♂ 1*, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, Havešová NNR, 21.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 7 ♂♂ 6 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 5 ♂♂ 5 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotinka brook, 21.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 2 ♂♂ 5 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Calocoris roseomaculatus roseomaculatus* (De Geer, 1773)**

Published records. Jalová, Gazdoráň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 3 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

***Capsodes gothicus gothicus* (Linnaeus, 1758)**

Published records. Jalová, Gazdoráň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoráň NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Příkrym', submontane meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 3 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

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Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 3 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

Capsus ater (Linnaeus, 1758)

Published records. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Capsus pilifer (Remane, 1950)

Published record. Ruské, Pod Ruským NR, wet meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (KMENT et al. 2003, BRYJA & KMENT 2007).

Note. Eurasian species living on grasses of the genus *Molinia* (WAGNER 1952). From Slovakia recorded so far only from the above mentioned locality and Jurský Šúr near Bratislava (HERCZEK & HALGOŠ 1991).

Charagochilus gyllenhalii (Fallén, 1807)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Chlamydatus (Euattus) pulicarius (Fallén, 1807)

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, environs of Zbojský potok, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 4 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Chlamydatus (Euattus) pullus (Reuter, 1870)

Published record. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Closterotomus biclavatus biclavatus* (Herrich-Schaeffer, 1835)**

Published records. Nová Sedlica env., 14.vi.1988, 5 ♂♂ 2 ♀♀, J. Vilímová lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Pod Prikrym', submontane meadows, 19.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stuzica NNR, 16.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Closterotomus fulvomaculatus* (De Geer, 1773)**

Published record. Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, vegetation in the village, 21.vii.2005, 1 ♂, L. Dvořák lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Cremnocephalus alpestris* Wagner, 1941**

Published record. Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilímová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

***Criocoris nigripes* Fieber, 1861**

Published record. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Criocoris crassicornis* (Hahn, 1834)**

Unpublished records. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Criocoris sulcicornis* (Kirschbaum, 1856)**

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Note. It was reported from Slovakia only by HORVÁTH (1897) from Szöllöske (= Viničky) and Varannó (= Vranov nad Topľou). First record after a century.

***Deraeocoris (Deraeocoris) ruber* (Linnaeus, 1758)**

Published record. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and

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springs above church, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotínka brook, 21.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (PKPC). Stakčín, vegetation in the village, 21.vii.2005, 1 ♂, L. Dvořák lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Dicyphus (Brachyceroea) globulifer (Fallén, 1829)

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Dicyphus (Dicyphus) cf. stachydis J. Sahlberg, 1878

Published record. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007 as *D. constrictus*).

Unpublished record. Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Note. Taxonomic status of Central European populations is not clear (cf. WAGNER (1952, 1970) versus ŠTYS (1976)) and the whole species group around *D. stachydis* will need a comprehensive revision including the use of molecular genetic markers.

Dicyphus (Dicyphus) epilobii Reuter, 1883

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

Note. So far recorded only from two localities in southern Slovakia (Pavlová, Radvaň nad Dunajom) (BRYJA & KMENT 2002).

Dicyphus (Dicyphus) errans (Wolff, 1804)

Published records. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

Dicyphus (Dicyphus) pallidus (Herrich-Schaeffer, 1836)

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 3 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 1 ♂ 2 ♀♀, J. Vilímová lgt., J. Bryja det. (JBSC). Nová Sedlica,

the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, Havešová NNR, 21.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 4 ♂♂ 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Ulič, Uličská Ostrá NR, beech forest, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 6 ♂♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Dichroscytus intermedius* Reuter, 1885**

Published record. Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilímová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

***Europiella alpina* (Reuter, 1875)**

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 4 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Stakčín, valley of Chotínka brook, 21.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Europiella artemisiae* (Becker, 1864)**

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Globiceps (Globiceps) sphaegiformis* (Rossi, 1790)**

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Globiceps (Kelidocoris) flavomaculatus* (Fabricius, 1794)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 5 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Heteroptera of the Bukovské vrchy Hills

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Globiceps (Kelidocoris) fulvicollis Jakovlev, 1877

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Grypocoris (Lophyromiris) sexguttatus (Fabricius, 1777)

Published record. Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilimová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

Halticus apterus apterus (Linnaeus, 1758)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 4 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 6 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, meadows by Field station of NP, yellow pan traps, 16.–21.vii.2005, 3 ♂♂ (br.), P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 3 ♂♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 3 ♂♂, P. Kment lgt., J. Bryja det. (PKPC).

Heterocapillus tigripes (Mulsant et Rey, 1852)

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 6 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 8 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Heterocordylus (Heterocordylus) genistae (Scopoli, 1763)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 4 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Příkrym', submontane meadows, 19.vi.2002, 6 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 4 ♂♂, P. Kment lgt., J. Bryja det. (JBSC).

Heterocordylus (Heterocordylus) tumidicornis (Herrich-Schaeffer, 1835)

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 2 ♂♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

Hoplomachus thunbergii (Fallén, 1807)

Published record. Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 6 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Horistus (Primihoristus) orientalis (Gmelin, 1790)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

Leptopterna dolabrata (Linnaeus, 1758)

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 1 ♂, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Pod Prikrym', submontane meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

Leptopterna ferrugata (Fallén, 1807)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Lopus decolor* (Fallén, 1807)**

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 17 ♂♂ 12 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 15 ♂♂ 10 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, 18.vii.2005, 7 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Lygocoris (Lygocoris) pabulinus* (Linnaeus, 1761)**

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 8.vii.1961, 1 ♀, P. Štys lgt., P. Kment det. (JVPC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stuzica NNR, 16.vii.2005, 5 ♂♂ 4 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotinka brook, 21.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Lygus pratensis* (Linnaeus, 1758)**

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Príkrym', submontane meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 3 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 4 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, small pond on Ubľianka brook, 21.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Ulička NM, shore growth of submontane stream, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 3 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

***Lygus rugulipennis* Poppius, 1911**

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Príkrym', submontane meadows, 19.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC).

Nová Sedlica, Čiert'áž, mountain meadow, 19.vi.2002, 5 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 3 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremeneč, beech forest margin, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Lygus wagneri* Remane, 1955**

Published record. Nová Sedlica, Čiert'áž, mountain meadow, 19.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Macrolophus pygmaeus* (Rambur, 1839)**

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Macrolophus rubi* Woodroffe, 1957**

Published records. Nová Sedlica, Stinská slatina NR, 21.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, bank of the Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. et det. (JBSC) (KMENT et al. 2003, BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stuzica NNR, 16.vii.2005, 10 ♂♂ 13 ♀♀, P. Kment lgt. & det. (PKPC, JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Note. Eurosiberian species. All known Slovak records of this species come from the Poloniny NP (KMENT et al. 2003). However, a wider distribution may be anticipated. It inhabits shadowy and humid places on *Rubus* spp. (Rosaceae) (CMOLUCHOWA 1982, 1983; GORCZYCA 1992; GOSSNER & SCHUSTER 2005). ROHÁČOVÁ (2005) found this species in the Moravskoslezské Beskydy Mts. (Kamenec National Monument, Czech Republic) on *Rubus hirtus* agg. in the undergrowth of the forest (*Abieti-Querceto Fagetum*). HECKMANN & RIEGER (2001) also reported this species from *Stachys sylvatica* L. (Lamiaceae). In the Czech Republic, *M. rubi* was found only at median and higher altitudes in several Moravian mountains (e.g., Hrubý Jeseník Mts., Moravskoslezské Beskydy Mts., Javorníky Mts., Vsetínské vrchy Hills, and Bílé Karpaty Mts. – STEHLÍK 1971, ROHÁČOVÁ 2005, HRADIL et al., in prep.).

***Macrotylus (Alloeonycha) paykullii* (Fallén, 1807)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

***Macrotylus (Alloeonycha) solitarius* (Meyer-Dür, 1843)**

Published record. Nová Sedlica env., 14.vi.1988, 1 ♂, J. Vilímová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Megaloceroea recticornis* (Geoffroy, 1785)**

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 4 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 3 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 3 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂ 4 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

***Monalocoris (Monalocoris) filicis* (Linnaeus, 1758)**

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 2 ♂♂ 2 ♀♀, P. Kment lgt. & det. (PKPC, JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Ulič, Uličská Ostrá NR, beech forest, 18.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Neolygus viridis* (Fallén, 1807)**

Published record. Nová Sedlica env., 14.vi.1988, 1 ♂♂ 3 ♀♀, J. Vilimová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

Note. *Neolygus* Knight, 1917, was raised to generic level by YASUNAGA et al. (2002).

***Notostira erratica* (Linnaeus, 1758)**

Published records. Poloniny (in map, no exact locality) (BOZDĚCHOVÁ 1975). Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Příkrym', submontane meadows, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremeneč, beech forest margin, 19.vi.2002, 4 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Odontoplatus bidentulus* (Herrich-Schaeffer, 1842)**

Published records. Nová Sedlica env., 14.vii.1988, 1 ♂, J. Vilímová lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (KMENT et al. 2003, BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stučica NNR, 16.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Note. Montane species distributed in the Carpathians (Poland, Slovakia, Ukraine, Romania) and the mountains of the Balkan Peninsula (Bulgaria, Macedonia, Serbia) (KERZHNER & JOSIFOV 1999, PROTIĆ 1998). It lives on trees (*Fagus*, *Corylus*, *Alnus*, *Abies*, *Picea*) (ROSHKO 1958, 1968; WAGNER 1970). According to P. Štys (pers. comm.) it develops exclusively on *Aruncus vulgaris* Rafin. (Rosaceae), while the records from trees are only 'sitting records'. In Polish mountains, it inhabits warm and moist biotopes (GORCZYCA & LIS 2000), being reported as a characteristic species for plant communities of *Adenostylin alliariae* and *Alno-Padion* (GORCZYCA & HERCZEK 1988). ROSHKO (1976) listed it in the Transcarpathian Ukraine as common in beech as well as montane coniferous forests. Its distribution in Slovakia was summarized and mapped by KMENT et al. (2003).

***Oncotylus (Oncotylus) viridiflavus viridiflavus* (Goeze, 1778)**

Unpublished record. Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, on *Centaurea jacea*, 18.vii.2005, 5 ♂♂ (1 ♂ newly hatched) 1 ♀ 1 larva, P. Kment lgt. & det. (PKPC, JBSC).

Note. Widely, but sparsely distributed Eurosiberian species (KERZHNER & JOSIFOV 1999, AUKEMA & RIEGER 2001, BAUGNÉE 2005, KMENT et al. 2005). The only record from Slovakia was published by STEHLÍK (1971) from Trstín. According to Leston (1952) it is a monophagous species living on *Centaurea nigra* L. The same host plant was corroborated by HECKMANN & RIEGER (2001). COULIANOS (1976) collected one female on *Centaurea jacea* L. in Sweden. BAUGNÉE (2005) mentioned it often visiting another *Centaurea* species, especially those of *C. jacea* group. Here we confirm *C. jacea* (V. Grulich 2006 det.) as host plant of *O. viridiflavus* based on finding of larva and newly hatched adult. Both *C. jacea* and *C. nigra* belong to sectio *Jacea* (Mill.) Dc., which include several closely related species with common introgressive hybridization (ŠTĚPÁNEK & KOUTECKÝ 2004). Thus, development of *O. viridiflavus* on other species from the sectio *Jacea* could be assumed. According to COFFIN & MATOCQ (2004) it lives also on *Carduus nutans* L., LODOS et al. (2003) mentioned records from *Cirsium* sp., *Alhagi* sp., *Medicago sativa* L., *Spinacia oleracea* L., *Vicia* sp. and *Onopordum* sp. However, they did not mention larval development of *O. viridiflavus* on those plants.

***Orthocephalus saltator* (Hahn, 1835)**

Unpublished record. Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Orthonotus rufifrons* (Fallén, 1807)**

Published records. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

***Orthops (Orthops) basalis* (A. Costa, 1853)**

Published record. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007)

Unpublished records. Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stužica NNR, 16.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, vegetation in the village, 21.vii.2005, 1 ♀, L. Dvořák lgt., J. Bryja det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Orthops (Orthops) kalmii* (Linnaeus, 1758)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Orthotylus (Orthotylus) flavinervis* (Kirschbaum, 1856)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Orthotylus (Orthotylus) interpositus* Schmidt, 1938**

Published record. Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂ 6 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Orthotylus (Orthotylus) marginalis* Reuter, 1883**

Published record. Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stužica NNR, 16.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

***Orthotylus (Orthotylus) prasinus* (Fallén, 1826)**

Unpublished record. Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

***Phylus (Phylus) coryli* (Linnaeus, 1758)**

Published record. Nová Sedlica env., 14.vi.1988, 7 ♂♂ 3 ♀♀, J. Vilímová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, 18.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Phylus (Teratoscopus) plagiatus* (Herrich-Schaeffer, 1835)**

Published records. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Phytocoris (Ktenocoris) ulmi* (Linnaeus, 1758)**

Published record. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

***Pilophorus clavatus* (Linnaeus, 1767)**

Unpublished record. Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

***Plagiognathus (Plagiognathus) arbustorum arbustorum* (Fabricius, 1794)**

Published records. Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 3 ♂♂ 1 ♀, J. Vilímová lgt., J. Bryja det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 6 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Jarabá skala Mt., 19.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 4 ♂♂ 4 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotinka brook, 21.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC). Stakčín, vegetation in the village, 21.vii.2005, 1 ♀, L. Dvořák lgt., J. Bryja det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 2 ♀♀, P. Kment lgt., J.

Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Plagiognathus (Plagiognathus) chrysanthemii (Wolff, 1804)

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 4 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilimová lgt., J. Bryja det. (JVPC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 6 ♂♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 3 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 4 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 18.vii.2005, 5 ♂♂ 9 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Jarabá skala Mt., 19.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 5 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, vegetation in the village, 21.vii.2005, 2 ♀♀, L. Dvořák lgt., J. Bryja det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC). Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, 18.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 3 ♂♂ 6 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

Plagiognathus (Plagiognathus) fulvipennis (Kirschbaum, 1856)

Unpublished record. Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

Plagiognathus (Plagiognathus) vitellinus (Scholz, 1847)

Published record. Nová Sedlica env., 14.vi.1988, 1 ♂ 2 ♀♀, J. Vilimová lgt., J. Bryja det. (JBSC) (BRYJA & KMENT 2007).

Note. Generic status of this species was revised by SCHUH (2001).

Polymerus (Poeciloscytus) microphthalmus (Wagner, 1951)

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 2 ♂♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 4 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♂ 5 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Polymerus (Poeciloscytus) palustris (Reuter, 1907)

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Polymerus (Poeciloscytus) unifasciatus (Fabricius, 1794)

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 3 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

Polymerus (Polymerus) nigrita (Fallén, 1807)

Published record. Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Psallus (Apocremnus) montanus Josifov, 1973

Unpublished record. Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Note. JOSIFOV (1973) described a subspecies *Psallus betuleti montanus* Josifov, 1973 from Bulgarian mountains, comparing it with the typical *P. b. betuleti* (Fallén, 1826) from Central Europe. Later, BACCHI & RIZZOTTI VLACH (1994) reported this subspecies from Italy and Austria. RIEGER & RABITSCH (2006) examined a large body of material of *Psallus 'betuleti'* from the West Palaearctic and Nearctic region. This revision revealed that both former subspecies are largely sympatric and are worthy of the status of distinct species. To date, *P. montanus* has been recorded from Austria, Belgium, Bulgaria, the Czech Republic, Germany, Italy, the Netherlands, Russia (Caucasus), Canada (New Brunswick, Nova Scotia, Ontario, Prince Edward Island, Quebec), and the USA (Maine, New Hampshire, and New York) (JOSIFOV 1973, BACCHI & RIZZOTTI VLACH 1994, RIEGER & RABITSCH 2006). All published records of *P. betuleti* from Slovakia (as well as other countries) are in need of critical revision. New species for Slovakia.

Psallus (Mesopsallus) ambiguus (Fallén, 1807)

Published records. Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

Psallus (Psallus) varians varians (Herrich-Schaeffer, 1841)

Published records. Nová Sedlica env., 14.vi.1988, 2 ♂♂ 6 ♀♀, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 2 ♂♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stuzica NNR, 16.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

Stenodema (Brachystira) calcarata (Fallén, 1807)

Published records. Nová Sedlica, 'Pod Príkrym', submontane meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC).

Stenodema (Stenodema) holsata (Fabricius, 1787)

Published records. Nová Sedlica, 'Pod Príkrym', submontane meadows, 19.vi.2002, 6 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stuzica NNR, 16.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Vrch hrub' hill, 20.vii.2005, 2 ♂♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Stenodema (Stenodema) laevigata (Linnaeus, 1758)

Published record. Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Stenotus binotatus (Fabricius, 1794)

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vi.1988, 1 ♀, J. Vilimová lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 1 ♀ J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským

NR, former pasture, 20.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 3 ♂♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Kolbasov, Ulička NM, 18.vii.2005, 2 ♂♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, meadows by Field station of NP, yellow pan traps, 16.–21.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (PKPC).

***Strongylocoris leucocephalus* (Linnaeus, 1758)**

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, 'Pod Příkrym', submontane meadows, 19.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Trigonotylus caelestialium* (Kirkaldy, 1902)**

Published records. Poloniny (in map, no exact locality) (BOZDĚCHOVÁ 1973). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (PKPC).

NABIDAE

***Himacerus (Himacerus) apterus* (Fabricius, 1798)**

Unpublished records. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 larva, P. Kment lgt. & det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 larva, P. Kment lgt. & det. (PKPC).

***Nabis (Dolichonabis) limbatus* Dahlbom, 1851**

Published record. Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, small pond on Ubřianka brook, 21.vii.2005, 1 ♂ 2 ♀♀ (mi), P. Kment lgt. & det. (PKPC). Ulič, Uličské Ostrá NR, 18.vii.2005, 1 ♂ (mi), P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♂♂ 1 ♀ (mi), P. Kment lgt. & det. (PKPC).

Nabis (Nabicula) flavomarginatus (Scholz, 1847)

Published records. Nová Sedlica env., Borsukov vrch Mt. and Jarabá skala Mt. (6900), 10.vii.1961, 1 ♀ (br), P. Štys lgt., P. Kment det. (CUPC). Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.–15.vii.1988, 1 ♂ (br), J. Vilimová lgt., P. Kment det. (CUPC). Nová Sedlica, 'Pod Příkrym', submontane meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂ (br), P. Kment lgt. & det. (PKPC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt., J. Bryja det. (JBSC).

Nabis (Nabis) brevis brevis Scholz, 1847

Published records. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Nabis (Nabis) pseudoferus pseudoferus Remane, 1949

Published record. Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 3 ♀♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stučica NNR, 16.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂, P. Kment lgt. & det. (PKPC).

Nabis (Nabis) rugosus (Linnaeus, 1758)

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 1 ♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♀♀, P. Kment lgt. & det. (PKPC). Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

ANTHOCORIDAE

Anthocoris confusus Reuter, 1884

Published record. Nová Sedlica, Kamenná lúka, montane meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Anthocoris nemorum (Linnaeus, 1761)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, montane meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Stinská slatina NR, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, shore growth, 18.vii.2005, 1 ♂, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Jarabá skala Mt., 19.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, Stučica NNR, 16.vii.2005, 2 ♂♂ 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Nová Sedlica, 'Vrch hrbu' hill, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC). Stakčín, valley of Chotinka brook, 21.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt., J. Bryja det. (PKPC).

ARADIDAE

Aneurus (Aneurodes) avenius avenius (Dufour, 1833)

Published record. Nová Sedlica, 17.v.1976, Zd. Jindra lgt. & det. (RUS 2005).

Aradus betulae (Linnaeus, 1761)

Published record. Nová Sedlica, 10.vii.1986, 7 ♂♂ 9 ♀♀ 1 larva, S. Bílý lgt., P. Kment det. (NMPC) (BRYJA & KMENT 2007).

Aradus conspicuus Herrich-Schaeffer, 1835

Published record. Nová Sedlica, 10.vii.1986, 1 ♀, S. Bílý lgt., P. Kment det. (NMPC) (BRYJA & KMENT 2007).

Aradus depressus depressus (Fabricius, 1794)

Published record. Nová Sedlica, 10.vii.1986, 1 ♀, S. Bílý lgt., P. Kment det. (NMPC) (BRYJA & KMENT 2007).

***Aradus obtectus* Vásárhelyi, 1988**

Published record. Nová Sedlica, 10.vii.1986, 1 ♂ 1 ♀, S. Bílý lgt., P. Kment det. (NMPC) (BRYJA & KMENT 2007).

LYGAEIDAE

***Kleidocerys resedae* (Panzer, 1797)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Nová Sedlica, 'Vrch hrubu' hill, 20.vii.2005, 2 ♀♀, P. Kment lgt., J. Bryja det. (JBSC).

***Nithecus jacobaeae jacobaeae* (Schilling, 1829)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 4 ♂♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 3 ♂♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♂ 1 ♀ (mi), P. Kment lgt. & det. (PKPC). Kolbasov, Ulička NM, 18.vii.2005, 1 ♂ 1 ♀ (mi), P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂ 3 ♀♀ (mi), P. Kment lgt. & det. (PKPC). Topoľa, 0.5 km S of the village, xerothermic growth at Ulička river, 18.vii.2005, 1 ♂ (mi), P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♀♀ (mi), P. Kment lgt. & det. (PKPC).

***Nysius helveticus* (Herrich-Schaeffer, 1850)**

Unpublished records. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

***Nysius senecionis senecionis* (Schilling, 1829)**

Published records. Nová Sedlica env., Stučica NNR, Stučická rieka, 11.viii.1962, 1 ♀, P. Štys lgt., P. Kment det. (CUPC). Nová Sedlica env., 14.vi.1988, 1 ♂, J. Vilimová lgt., P. Kment det. (JVPC) (BRYJA & KMENT 2007).

CYMIDAE

Cymus aurescens Distant, 1883

Published records. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 3 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 10 ♂♂ 4 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 3 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

Cymus glandicolor Hahn, 1831

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♂♂ 4 ♀♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

Cymus melanocephalus Fieber, 1861

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC).

BLISSIDAE

Ischnodemus sabuleti (Fallén, 1829)

Published record. Nová Sedlica, Kamenná lúka, mountain meadows, 19.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

HETEROGASTRIDAE

Heterogaster artemisiae Schilling, 1829

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

RHYPAROCHROMIDAE

Acompus rufipes (Wolff, 1804)

Published record. Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, 18.vii.2005, 1 ♀ (ma), P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ 1 ♀ (br), P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂ (br), P. Kment lgt. & det. (PKPC).

Drymus (Sylvadrymus) ryeii Douglas et Scott, 1865

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♂♂, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

Eremocoris abietis abietis (Linnaeus, 1758)

Unpublished record. Uličské Krivé, in village, old cemetery at wooden church, 18.vii.2005, 1 ♀, L. Juříčková lgt., P. Kment det. (PKPC).

Note. Epigeic, rarely collected species. In Slovakia, it is known only from the environs of Trenčín (= Trenčín) (BRANCSIK 1880, as *Eremocoris erraticus*; 1887, as *Notochilus erraticus*), Choč (= Choč) (BRANCSIK 1882, as *E. erraticus*), Késmárk (= Kežmarok), Igló (= Spišská Nová Ves) (HORVÁTH 1897, as *E. erraticus*) (see also STEHLÍK & VAVŘINOVÁ 1999a), and Pribylina (RUS & KMENT 2007). According to P. Štys (pers. comm.), this is a myrmecophilous species, which is common in montane and submontane regions of Slovakia in spruce forests around ants' nests of *Formica* gr. *rufa* Linnaeus, 1758. New Slovak record after a century.

Eremocoris plebejus plebejus (Fallén, 1807)

Published record. Nová Sedlica, 30.v.1975, 1 ♀, P. Werner lgt., P. Kment det. (VURV) (BRYJA & KMENT 2007).

Megalonotus antennatus (Schilling, 1829)

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂ (br), M. Hrabáková lgt., P. Kment det. (PKPC).

Panaorus adpersus (Mulsant et Rey, 1852)

Published record. Ruské, 7.vii.1971, 1 ♀, O. Marek lgt., J. M. Štusák lgt. & coll. (ŠTUSÁK 1976).

Note. The specimen from Ruské (ŠTUSÁK 1976) is the only record of this species in Slovakia (STEHLÍK & VAVŘÍNOVÁ 1999b). *Panaorus adspersus* occurs in the forest zone of the Palaearctic Region from northern France and northern Italy through the Ukraine, Russia and northern Kazakhstan to Mongolia, northern China, Korea and Japan (PÉRICART 1999a). It is also known from the adjacent Transcarpathian Ukraine (ROSHKO 1955, PUTSHKOV 1969). Mesophilous to xerophilous species. In the eastern part of its range it lives in montane meadows and forest margins; in western Europe it has been found on dry mountain slopes covered with forest (PUTSHKOV 1969, PÉRICART 1999, STEHLÍK & VAVŘÍNOVÁ 1999b). BACCHI & RIZZOTTI-VLACH (1996) collected adults and larvae of *P. adspersus* on *Potentilla erecta* (L.) Rauschel (Rosaceae) and in lesser numbers on *Verbena officinalis* L. (Verbenaceae) in the environs of Mantova (North Italy); points left by sucking were observed on the first-mentioned plant.

***Peritrechus geniculatus* (Hahn, 1831)**

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Scolopostethus thomsoni* Reuter, 1874**

Published records. Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, small pond on Ubl'ianka brook, 21.vii.2005, 1 ♀ (br), P. Kment lgt. & det. (PKPC). Kolbasov, Ulička NM, 18.vii.2005, 2 ♂♂ 1 ♀ (br), P. Kment lgt. & det. (PKPC). Nová Sedlica, Stuzica NNR, 16.vii.2005, 1 ♂ (br), P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♂♂ (br), P. Kment lgt. & det. (PKPC).

***Stygnocoris cimbricus* Gredler, 1870**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Note. HEISS (1997) resurrected the species *S. cimbricus* from the synonymy of *S. pygmaeus* (F. Sahlberg, 1848) based on a study of the type material. PÉRICART (1999b) included both these species in his key to *Stygnocoris* Douglas et Scott, 1865. Subsequently, LABINA (2003) synonymized *S. pygmaeus* with *S. sabulosus* (Schilling, 1829). All previous records of *S. pygmaeus* from Slovakia belong to *S. cimbricus* (see STEHLÍK & VAVŘÍNOVÁ 1999a).

***Stygnocoris rusticus* (Fallén, 1807)**

Published record. Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt., P. Kment det. (JBSC) (BRYJA & KMENT 2007).

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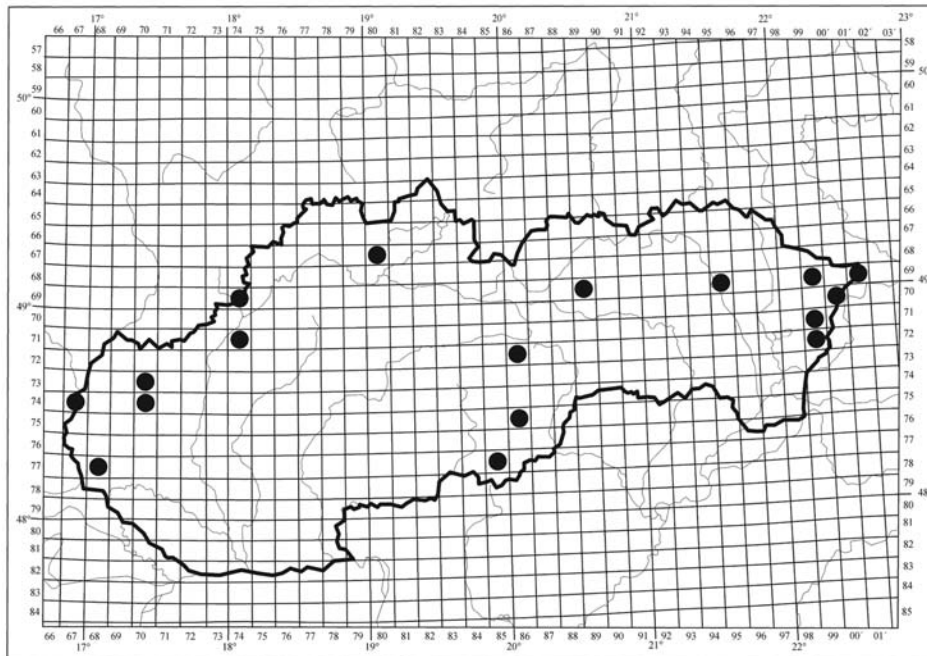


Fig. 2. Distribution of *Metatropis rufescens* (Herrich-Schaeffer, 1835) in Slovakia.

BERYTIDAE

Metatropis rufescens (Herrich-Schaeffer, 1835)

Published record. Nová Sedlica, Stinská slatina NR, 21.vi.2002, 3 ♂♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kalná Roztoka, Havešová NNR, 21.vii.2005, 1 ♂ 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, SW slope of Packova Kýčera Mt., beech forest along the path to Stučica, 16.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, meadows and forest margins above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt. & det. (PKPC). Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 3 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC, JBSC).

Note. This species was first recorded from Slovakia by STEHLÍK (1958) from Remetské Hamre (quadrate 7199). Subsequently, the following localities were recorded: Vrátná (6780) in Malá Fatra Mts. (KUBÍK 1967); beech forest between Rača and Lozorno (7768) (ŠTEPANOVIČOVÁ & LAPKOVÁ 1988); Hajnačka (7785), Cerová – Lieskové (7470), Moravský Sv. Ján (7467), Levočská Dolina (6989) (STEHLÍK & VAVŘINOVÁ 1995); Dražice (7586) (ROHÁČOVÁ 1999); Mnichova Lehota (7174), Petrovce (7299) (KMENT & BRYJA 2001); and Muráň (7286) (RUS 2005). We can also supply the following

unpublished records: Bžany – Valkov (6995), *Fagetum*, sweeping, 7.vii.2002, 2 ♂♂ 2 ♀♀, M. Mantič lgt., P. Kment det. (MMHC); Hradište pod Vrátnom (7370), 30.vi.1973, 1 ♂, B. Dobšík lgt., P. Kment det. (MMBC); Remétské Hamre (7199), 14.vii.1955, 1 ♀, J. Strejček lgt., L. Hoberlandt 1957 det. (NMPC); Vršatec (6974), Chmel'ová NNR, beech forest, 1.ix.2005, 1 larva of instar 5, P. Kment lgt. & det. (PKPC). The known distribution in Slovakia is mapped in Fig. 2. It was also recorded from neighbouring Transcarpathian Ukraine (ROSHKO 1961).

In Central Europe, *M. rufescens* is trophically bound to plants of the genus *Circaea* L. (Onagraceae) (e.g., STEHLÍK & VAVŘÍNOVÁ 1995, KMENT & BRYJA 2001). These inconspicuous host plants grow in quite scattered fashion around the landscape, restricted to patchy remnants of floodplain and scree forests (ŠTEPANOVIČOVÁ & LAPKOVÁ 1988, KMENT & BRYJA 2001, ŠPRYŇAR & KMENT 2005, ROHÁČOVÁ 2005). However, recent research in the Czech Republic revealed that *M. rufescens* is more abundant than was previously thought (see KMENT & BRYJA 2001, ŠPRYŇAR & KMENT 2005, RUS 2005). *Metatropis rufescens* appears to be a characteristic and common inhabitant of beech (virgin) forests as well as floodplain forests within the Poloniny National Park.

PYRRHOCORIDAE

Pyrrhocoris apterus (Linnaeus, 1758)

Unpublished records. Kalná Roztoka, at pub in village, under *Tilia* sp., 21.vii.2005, 1 ♂ (ma), P. Kment lgt. & det. (PKPC). Nová Sedlica, in village, under *Tilia* sp., 20.vii.2005, 1 ♂ (br), L. Dvořák lgt., P. Kment det. (PKPC).

ALYDIDAE

Alydus calcaratus (Linnaeus, 1758)

Published record. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂ 1 larva., J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

COREIDAE

Coreus marginatus marginatus (Linnaeus, 1758)

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pastures above the field station of the NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica (Pod Příkrym), mountain meadows, 19.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

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Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 larva, P. Kment lgt. & det. (PKPC). Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 larva, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Gonocerus acuteangulatus (Goeze, 1778)

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 2 ♂♂, P. Kment lgt. & det. (PKPC).

Ulmicola spinipes (Fallén, 1807)

Published record. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

RHOPALIDAE

Corizus hyoscymi hyoscymi (Linnaeus, 1758)

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Myrmus miriformis miriformis (Fallén, 1807)

Published records. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♀ 1 larva, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, 18.vii.2005, 1 ♂ (mi), P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ (sm) 1 ♂ 1 ♀ (mi), P. Kment lgt. & det. (PKPC).

Rhopalus (Aeschyntelus) maculatus (Fieber, 1837)

Published records. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

Rhopalus (Rhopalus) conspersus (Fieber, 1837)

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 4 ♂♂ 2 ♀♀, P. Kment lgt. & det. (PKPC).

***Rhopalus (Rhopalus) parumpunctatus* Schilling, 1829**

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 3 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC).

***Rhopalus (Rhopalus) subrufus* (Gmelin, 1790)**

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Stictopleurus crassicornis* (Linnaeus, 1758)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ 3 ♀♀, P. Kment lgt. & det. (PKPC).

***Stictopleurus punctatonervosus* (Goeze, 1778)**

Published records. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 2 ♂♂ 3 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

PLATASPIDAE

***Coptosoma scutellatum* (Geoffroy, 1785)**

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 2 ♂♂, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, former pasture, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, 18.vii.2005, 2 ♂♂ 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt. & det. (PKPC). Zboj, swamp and road margin at the road to Uličské Krivé, 17.vii.2005, 2 ♂♂, P. Kment lgt. & det. (PKPC).

CYDNIDAE

***Adomerus biguttatus* (Linnaeus, 1758)**

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, swept from growth of *Melampyrum pratense*, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

SCUTELLERIDAE

Eurygaster austriaca austriaca (Schrank, 1776)

Published record. Ulič (STEHLÍK & VAVŘÍNOVÁ 1993).

Unpublished record. Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Eurygaster maura (Linnaeus, 1758)

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.vii.1988, 1 ♀, J. Vilímová lgt., P. Kment det. (JVPC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Eurygaster testudinaria testudinaria (Geoffroy, 1785)

Published records. Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished records. Kolbasov, Ulička NM, 18.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, Stinská slatina NR, 20.vii.2005, 2 ♂♂ 3 ♀♀, P. Kment lgt. & det. (PKPC). Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂ 1 ♀, P. Kment lgt. & det. (PKPC). Stakčín, valley of Chotínka brook, 21.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Uličské Krivé, Rožok NNR, 17.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

PENTATOMIDAE

Aelia acuminata (Linnaeus, 1758)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Čierťaz, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kamenná lúka, mountain meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, Kremenec, beech forest margin, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

Aelia klugii Hahn, 1833

Published record. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Carpocoris (Carpocoris) fuscispinus (Boheman, 1851)

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt.

& det. (JBSC) (BRYJA & KMENT 2007). Stučica, 8.viii.1961, A. Čejchan lgt., J. Ribes det. & coll. (RIBES et al. 2007).

Carpocoris (Carpocoris) purpureipennis (De Geer, 1773)

Published records. Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýchera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 4 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Dolycoris baccarum (Linnaeus, 1758)

Published records. Ulič (STEHLÍK & VAVŘINOVÁ 1993). Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Jalová, vegetation along path towards top of Gazdoraň NR, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Eurydema (Eurydema) oleracea (Linnaeus, 1758)

Published record. Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Eurydema (Eurydema) ornata (Linnaeus, 1758)

Published record. Ulič (STEHLÍK & VAVŘINOVÁ 1993).

Eurydema (Rubrodorsalium) dominulus (Scopoli, 1763)

Published records. Nová Sedlica env., 14.vii.1988, 1 ♀, J. Vilímová lgt., P. Kment det. (JVPC). Ruské, Píšaš NNR (6800), 4.vi.1980, 1 ♀, R. Rozkošný lgt., P. Kment det. (MUBC) (BRYJA & KMENT 2007).

Eysarcoris aeneus (Scopoli, 1763)

Published records. Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 2 ♂♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Kolbasov, Bzaná NR, 18.vii.2005, 2 ♂♂, P. Kment lgt. & det. (PKPC).

***Eysarcoris venustissimus* (Schrank, 1776)**

Published records. Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♂ 2 ♀♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 2 ♂♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, Stinská slatina NR, 20.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC).

***Graphosoma lineatum* (Linnaeus, 1758)**

Unpublished records. Kolbasov, Bzaná NR, 18.vii.2005, 1 ♀, P. Kment lgt. & det. (PKPC). Stakčín, vegetation in the village, 21.vii.2005, 1 ♂, L. Dvořák lgt., P. Kment det. (PKPC).

***Holcostethus strictus* (Fabricius, 1803)**

= *Peribalus vernalis* (Wolff, 1804)

Published records. Jalová, vegetation along path towards top of Gazdorán NR, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Note. The status of the species was recently solved by RIBES et al. (2006), who synonymized *Holcostethus vernalis* with *H. strictus*.

***Neottiglossa pusilla* (Gmelin, 1790)**

Published records. Nová Sedlica env., 14.–15.vii.1988, 1 ♀, J. Vilímová lgt., P. Kment det. (JVPC). Nová Sedlica, the fen 800 m NNW of the village near Zbojský potok brook, 22.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Pentatoma (Pentatoma) rufipes* (Linnaeus, 1758)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Nová Sedlica env., 14.–15.vii.1988, 1 ♂, J. Vilímová lgt., P. Kment det. (JVPC). Nová Sedlica, environs of the brook above Field station of NP, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Rubiconia intermedia* (Wolff, 1811)**

Published records. Jalová, Gazdorán NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂ 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Kýčera hill, xerothermic forest-steppe, 21.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC). Kolbasov, Ulička NM, shore growth of submontane stream, 21.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Nová Sedlica, xerothermic meadows and springs above church, 20.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

***Sciocoris (Aposciocoris) microphthalmus* Flor, 1860**

Published record. Nová Sedlica, xerothermic meadows on slope opposite to Field station of NP, 18.vi.2002, 2 ♀♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Sciocoris (Aposciocoris) umbrinus* (Wolff, 1804)**

Published record. Nová Sedlica, Čiert'az Mt., montane meadow, 19.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

***Troilus luridus* (Fabricius, 1775)**

Published record. Nová Sedlica, 'Pod Prikrym', submontane meadows, 19.vi.2002, 2 larvae., J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

ACANTHOSOMATIDAE

***Elasmucha grisea grisea* (Linnaeus, 1758)**

Published records. Ulič (STEHLÍK & VAVŘINOVÁ 1993). Nová Sedlica, former pasture and forest margin above Field station of NP, 22.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Jalová, Gazdoraň NR, xerothermic forest-steppe, 20.vi.2002, 1 ♂, J. Bryja lgt. & det. (JBSC). Ruské, Pod Ruským NR, swampy meadow, 20.vi.2002, 1 ♀, J. Bryja lgt. & det. (JBSC) (BRYJA & KMENT 2007).

Unpublished record. Uličské Krivé, shore growth and field margin E of the village, 17.vii.2005, 1 ♂, P. Kment lgt. & det. (PKPC).

Discussion

Based on published and unpublished records, we document the occurrence of 193 species of Heteroptera in the Bukovské vrchy Mts., i.e. 22.6 % of the all Heteroptera species known from Slovakia (KMENT & BRYJA, unpubl.). GORCZYCA & LIS (2000) listed 173 species of terrestrial true bugs in the Polish Bieszczadzski National Park, 79 of which had not previously been recorded from the Slovak side of the mountains. On the other hand, 98 species recorded in the Slovak Poloniny National Park had not been recorded from Bieszczadzski NP. The total number of species collected in the Poloniny NP and Bieszczadzski NP is 271. This very low overlap between the two studies suggests that further research will reveal additional species on both sides of the mountains.

The most noteworthy part of the flora and fauna of the Poloniny NP consists of Carpathian, or even Eastern Carpathian, endemic species. ŠÍR et al. (2003) mentioned the occurrence of 37 such endemic animal species (especially snails and carabid beetles). Of the true bugs, JOSIFOV (1967) described *Cryptostemma carpatica* Josifov, 1967 (Dipsocoridae) from the Bieszczady Mts. (locality Usztyzyki-Górne) in Poland, previously known a species endemic to the Eastern Carpathians. ŠTYS (1990) also mentioned it from Slovakia, but failed to give an exact locality. (According to P. Štys (pers. comm.), C.

carpathica occurs in the environs of Stužica together with *C. alienum* Herrich-Schaeffer, 1835; exact records will be published later). *Micronecta carpatica* Wróblewski, 1958 (Corixidae), described from Bieszczady Mts. (Wisłoka and Jasiołka streams) and later also found in Slovakia (environs of Bardejov and Svidník) (WRÓBLEWSKI 1958, 1960), was long assumed to be endemic Eastern Carpathian as well. However, in the last two decades, additional localities from Greece, Bulgaria, and Serbia have been discovered (see KMENT 2006 for review). Although the occurrence of *M. carpatica* in mountain streams of the Poloniny NP may be anticipated, there are no records to date. Among the most valuable records, the species *Macrolophus rubi* (Miridae) and *Panaorus adspersus* (Rhyparochromidae) are known in Slovakia only from the Poloniny NP. *Psallus montanus*, although published here as a new species for Slovakia, also occurs in other parts of Slovakia, having been previously confused with *P. betuleti* (Fallén, 1826) (HRADIL et al., in prep.). From the remainder of the species recorded, we must draw attention to the presence of *Odontoplatys bidentulus* (a rare montane species distributed in the Carpathians and mountains of the Balkan peninsula) and other rare species, especially *Gerris asper*, *Adelphocoris ticinensis*, *Oncotylus viridiflavus viridiflavus*, *Capsus pilifer*, *Criocoris sulcicornis*, *Dicyphus epilobii*, and *Eremocoris abietis abietis*.

Although the data ascertained do not allow a more detailed analysis of the true bug communities, some general characters are worthy of note. The specific flysh substrate and the relief of the Bukovské vrchy Mts. condition the existence of thermophilous habitats on exposed slopes and shaded habitats in inversion valleys. Another contrast characteristic in the flysh terrain is the presence of numerous seepages, also diffused among xerothermic vegetation on dry slopes. This heterogeneity supports a high diversity of plant and animal species, sometimes enabling the unusual coexistence of thermophilous and boreo-montane species [e.g., *Heterocapillus tigripes* and *Nithecus jacobaeae* in Gazdoráň (locality No. 1), or *Rhopalus conspersus* and *Nithecus jacobaeae* around Nová Sedlica (locality No. 23)], as well as xerothermic and hygrophilous species. This phenomenon was also observed in the Bílé Karpaty Mts. (eastern Moravia, Czech Republic), which are also formed by flysh substrate (see also KMENT 2001, KMENT & MALENOVSKÝ 2004). Even these preliminary results document the presence of both hygrophilous (e.g., the environs of Zbojský potoka valley at Nová Sedlica, Stinská slatina wetland, wetlands near Ruské, Ulička reserve) and xerothermic habitats (e.g., Bzaná, Gazdoráň, Kýchera, xerothermic meadows above the church in Nová Sedlica) of great natural value within the Poloniny NP. Among the important hygrophilous species recorded are: *Adelphocoris ticinensis*, *Capsus pilifer*, *Apolygus rhamnicola*, *Macrosaldula scotica*; and among the important xerothermic species *Heterocapillus tigripes*, *Heterogaster artemisiae*, and *Rhopalus conspersus*. Interesting results were also obtained by examining forest undergrowth (a habitat often overlooked by Czech and Slovak heteropterologists) – *Macrolophus rubi*, *Odontoplatys bidentulus*, and *Metatropis rufescens*, generally believed to be rare in Slovakia, seem to be quite common in suitable habitats in the Poloniny NP. On the other hand, very few species were found in the meadows on the mountain ridge, a habitat highly typical of these mountains (known as ‘poloniny’ [pl.]). However, sampling was performed in this zone at the beginning of June,

too soon to observe many (mainly mirid) species that overwinter as eggs. Further research is thus needed to describe the real species richness of true bugs in this unique area of the Slovak Eastern Carpathians.

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