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The present state of knowledge of true bugs (Heteroptera) in the Protected Landscape Area of Poodří (Czech Republic)

Současný stav znalostí o plošticích (Heteroptera) Chráněné krajinné oblasti Poodří (Česká republika)

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Abstract. During 1995-2000 (most intensively in 1999), a faunistic survey of true bugs (Heteroptera) was carried out in the Protected Landscape Area (PLA) of Poodří. A special attention was paid to water bugs but terrestrial habitats were studied as well. In the area of the PLA and its closest vicinity, 225 species of bugs (27.1 % of all species of the Czech Republic) belonging to 26 families were documented. Among water bugs (Nepomorpha and Gerromorpha) we found 36 species, i.e. 59.0 % of all species occurring in the Czech Republic. Three species (*Sigara iactans* Jansson, 1983, *Phytocoris nowickyi* Fieber, 1870, and *Psallus mollis* (Mulsant et Rey, 1852)) are new for the Czech Republic, one (*Dicyphus epilobii* Reuter, 1883) is new for Moravia. Two species, *Acalypta carinata* (Panzer, 1806) and *Psallus flavellus* Stichel, 1933, are reported from Moravia for the second time, and the occurrence of three species (*Notonecta lutea* Müller, 1776, *Notonecta maculata* Fabricius, 1794, *Pinthaeus sangunipes* (Fabricius, 1787)) is confirmed in Moravia after more than 40 years. Notes on diagnostic characters of *Sigara iactans* Jansson, 1983 are given and its taxonomic status is discussed.

INTRODUCTION

The majority of Protected Landscape Areas (PLA) in the Czech Republic has been established in mountainous or karst areas. Alluvial ecosystems are under-represented as most of them are influenced by agriculture and industry. One of the few exceptions is the central part of the river Odra, declared as "Poodří PLA" in 1991 and entered in the worldwide list of wetlands of international importance protected by the Ramsar Convention in 1993 (Hudec et al. 1995).

Poodří PLA (81.5 km^2) is situated in the northern part of the Moravian Gate, which is a narrow depression between the Nízký Jeseník Mts in the west and the Moravskoslezské Beskydy Mts in the east. Laying across the boundary of three biogeographical subprovinces (Hercynian in the west, Westcarpathian in the east and Polonian in the north) of the province of central European deciduous woods, this area is interesting from biogeographical point of view (Culek et al. 1996). The PLA is situated at altitudes between 212 and 298 m a.s.l., and in moderately warm climatic conditions (region MT 10 sensu Quitt (1971)). The alluvium of the river Odra and adjoining terraces form the core area. The river enters to the PLA in its south-western part between the villages of Mankovice and Vražné (N 49°38'02" E 17°52'20") and leaves it in its north-eastern boundary near the town of Ostrava-Zábřeh (N 49°47'43" E 18°12'57") (Fig. 1). The axis of this area is formed by the meandering channel of the river Odra, which is almost uninfluenced by regulation. A large part of the area is flooded every year and the river continues to form meanders,

oxbow lakes, temporary and stable pools and wetlands. Besides natural water habitats, more than 50 ponds with joining channels (some of them originating in 15th century) form important artificial water habitats. The majority of ponds is utilised for fish farming but some extensively exploited ponds have become important places of occurrence of rare water plants (e.g. *Trapa natans* L. and *Salvinia natans* (L.) All.) and animals, mainly amphibians and birds. A floodplain forest divided in several patches (about 10% of the area) is the most important terrestrial habitat type. However, the majority of forests was replaced by alluvial meadows with various plant communities depending on the level of ground water. Besides semi-natural wetland meadows with diversified plant communities, a large area is occupied by degraded meadows composed of only several species of cultural grasses. Scattered greenery (solitary deciduous trees and shrubs in meadows and a shore growth of the river Odra and other streams and artificial channels) is another very important landscape element of the PLA. Consequently, the PLA is very rich in rare and endangered communities of water and hygrophilous plants. On the other hand, natural xerothermic habitats are missing and such vegetation is restricted to secondary, man-made habitats such as sand-pits, loam-pits, and railway stations (Neuschlová et al. 1999).

A special attention was paid to three protected territories: the proposed Oderský luh National Nature Reserve (NNR) near the town of Studénka and Polanská niva NNR near the town of Polanka nad Odrou represent valuable mosaics of floodplain forests, extensively exploited ponds and wetland meadows with scattered greens. The proposed Odra-Malý les Nature Reserve between the villages of Jeseník nad Odrou and Bernartice nad Odrou is formed by non-regulated parts of the river Odra, neighbouring meadows and forest patches in the river terrace. The forest is partly composed of spruce (*Picea abies* (L.) Karst.) monoculture; however, the valuable growth along the river is formed by various species of trees and shrubs.

Although the PLA includes a number of relatively well preserved ecosystems, zoological research was carried out only sporadically here in the past. One of the few exceptions was a thorough survey of molluscs (Mácha 1982). A more systematic approach to the sampling of zoological data in the 1990's (organised mainly by the Department of Zoology and Ecology of the Faculty of Science, Masaryk University in Brno) resulted in a relatively good level of knowledge of several animal groups in Poodří PLA. Faunistic and ecological studies were concentrated on mammal communities such as rodents, insectivores (Bryja & Řehák 1998a,b,c), and bats (Řehák & Bryja 1998), and on some invertebrate taxa - spiders (Bryja & Majkus 1999), carabid beetles (Vošlajer & Szymonik 1999), water molluscs (Beran 1999), and epigeic myriapods and isopods (Tajovský 1999).

In the Czech Republic, true bugs (Heteroptera) are abundant in most terrestrial and water habitats. However, their detailed study from the area of the Moravian Gate is still lacking. Although the first data on terrestrial bugs in this area (the locality of Nový Jičín) were published already by Fritsch (1880), further relevant papers dealing mainly with terrestrial bugs in northern Moravia added only few records from the alluvial parts of Moravian Gate (Dobšík 1961, 1963, 1965, 1966, 1972a,b, 1977, 1978, 1982, 1983, Hoberlandt 1944, Kempný & Dobšík 1961, Stehlík & Vavřínová 1997). Moreover due to insufficient locality data and the fact that several villages in Silesia often bear the same name (e.g. the village of Petřvald), it is impossible to verify if some of the older records apply to the PLA. Two records of Heteroptera are given in the paper concerning the diet of the Pied Flycatcher (*Ficedula hypoleuca*) youngs in the Horní les forest near Polanka nad Odrou (Pavelka 1990). Scanty information on water bugs was published by Teyrovský (1950, 1951), Šulová-Brázdová (1956) and Roháčová (1996a). In the above listed papers,

only 15 species were mentioned from localities in Poodří PLA and 7 others from the alluvium of the river Odra directly upstream and downstream of the PLA.

Other faunistic papers concerning true bugs in the Moravian Gate came outside the alluvium of the river Odra. Coal mine dumps are important landscape elements of the Ostrava region, and their bug fauna was studied by Dobšík & Kempný (1968). A survey of bugs was carried out also in Štramberk (Spitzner 1889, Roubal 1955) which is ecologically too different from the alluvium (lime locality). Several data from other localities in the Moravian Gate outside Poodří PLA (e.g., Bludovice, Nový Jičín, Fulnek) were published by Stehlík (1985) and Stehlík & Vavřínová (1990, 1997, 1998). The closest area that has been thoroughly studied is the Beskydy Mts and adjacent areas (Roháčová 1985, 1990a,b, 1994, 1996b, 1997). However, these sites are zoogeographically very different from the PLA.

This study is the first complete list of the so far published records of true bugs in the area of Poodří PLA but the main aim is to present our new data and enhance the knowledge of animals living in this biologically valuable area.

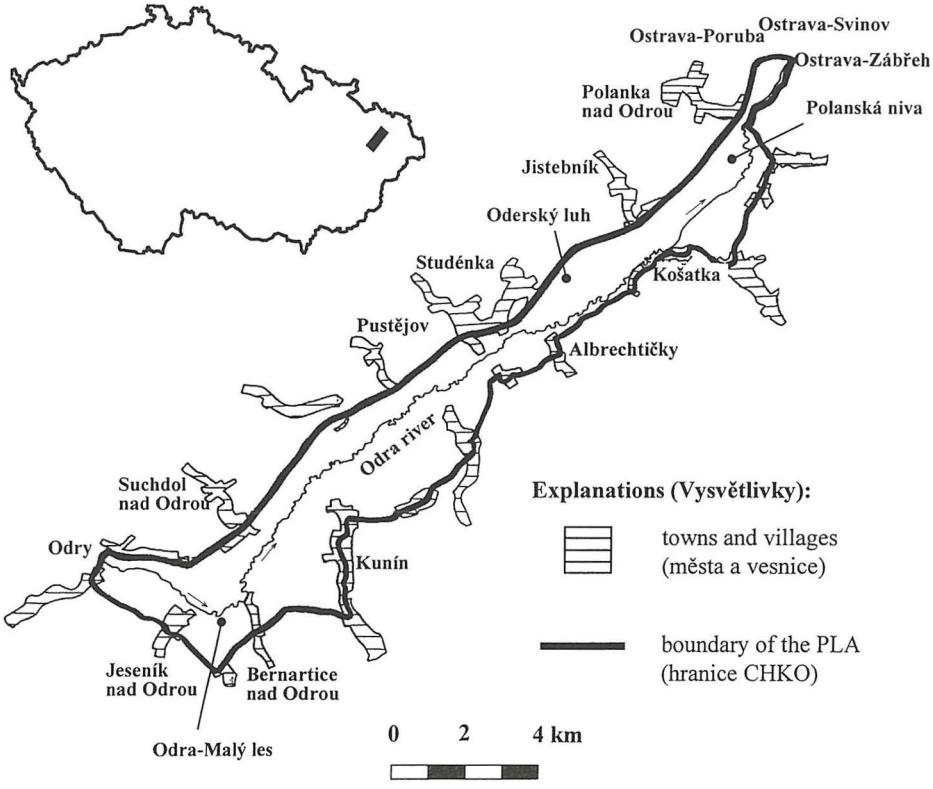


Fig. 1. Map of the studied area. Southern part of the town of Ostrava not shown.
Obr. 1. Mapa studovaného území. Jižní část Ostravy nebyla vykreslena.

MATERIAL AND METHODS

The bugs were collected by both authors during 1995-2000 (mainly in 1999). Terrestrial bugs were collected mostly by sweeping and beating vegetation and by individual collecting (leaf litter, under bark). The material of Marion Mantič was partly obtained by sifting litter; Jan Ševčík also used light-trapping, yellow traps and Malaise trap. Water bugs were collected by a kitchen strainer. The research was focused on natural habitats of Poodří PLA (particularly water and wetland habitats) but the bugs were also intensively studied in other habitat types. The studied localities thus covered most habitat types within the PLA (Fig. 1).

Our results are complemented by additional data from the collections of Marion Mantič (Ostrava; Bryja or Kment det.), Silesian Museum (Opava; Bryja or Kment det.), Beskydy Museum (Frýdek-Místek; Roháčová det.) and Jan Ševčík (Ostrava; Bryja or Kment det.).

The nomenclature of infraorders Nepomorpha, Gerromorpha, Leptopodomorpha and Cimicomorpha follows the Catalogue of the Heteroptera of the Palaearctic Region (Aukema & Rieger 1995, 1996, 1999), and that of infraorder Pentatomomorpha follows the central European checklist (Günther & Schuster 2000).

Localities and their faunistic grid mapping codes:
Albrechtičky (6274), Bernartice nad Odrou (6373), Jeseník nad Odrou (6373), Jistebník (6274), Košatka (6274), Kunín (6373), Odry (6373), Oderský luh (near Studénka, 6274), Odra-Malý les (between Jeseník nad Odrou and Bernartice nad Odrou, 6373), Ostrava-Poruba (6174); Ostrava-Svinov (6175), Ostrava-Zábřeh (6175), Polanka nad Odrou (6275), Polanská niva (near Polanka, 6275), Pustějov (6374), Studénka (6274), Suchdol nad Odrou (6373). The map field codes of central European mapping grid (Ehrendorfer & Hamann 1965) follow Pruner & Míka (1996), and were checked against a 1:50,000 map.

Abbreviations and explanations:
spec. - unsexed adult specimen(s); L - larva(e); apt. - apterous; brach. - brachypterous; macr. - macropterous; micr. - micropterous; submacr. - submacropterous.
PK - Petr Kment (without other abbreviations = Kment lgt., det. et coll.), JB - Josef Bryja (without other abbreviations = Bryja lgt., det. et coll.).

Faunistic data are summarised according specimen depositories. Within each depository, localities are listed alphabetically and chronologically.

Number of specimens means number of collected and identified specimens, not the number of observed ones.

LIST OF SPECIES

The following list combines our field data, collection specimens and previous literature records from Poodří PLA and its closed neighbourhood.

NEPOMORPHA

Nepidae: Nepinae: Nepini

Nepa cinerea Linnaeus, 1758. Oderský luh (ponds), 28.iv.1996, 1 ♂ 1 ♀, JB; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 1 ♀; Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 1 L; Jistebník (oxbow lake and ponds), 2.ix.1999, 1 ♂ 1 ♀; Košatka (oxbow lake), 2.ix.1999, 1 ♀; Oderský luh (channel in Bažantnice floodplain forest), 1.ix.1999, 3 ♂♂; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 1 ♂ 1 ♀; Studénka (channel and ponds), 2.ix.1999, 2 ♂♂, all PK.

Ranatrinae: Ranatrini

Ranatra linearis (Linnaeus, 1758). Oderský luh (Bažantí rybník and Jezerní rybník ponds), 7.x.1999, 3 ♂♂ 1 ♀, PK.

Corixidae: Micronectinae

Micronecta* (*Dichaetonecta*) *scholtzi (Fieber, 1860). Albrechtičky (Kačák and Kotvice ponds), 3.ix.1999, 25 ♂♂ 30 ♀♀ (brach.); Studénka (Velký Bědný rybník pond), 1.ix.1999, 37 ♂♂ 18 ♀♀ (brach.), all PK.

Cymatiainae

Cymatia coleoptrata (Fabricius, 1777). Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 1 ♂ 5 ♀♀ (brach.); Oderský luh (Bažantí rybník pond), 7.x.1999, 3 ♂♂ 6 ♀♀ (brach.); Oderský luh (Bažantí rybník pond), 24.viii.2000, 2 ♂♂ 1 ♀ (brach.); Oderský luh (Kozák pond), 1.ix.1999, 2 ♂♂ 3 ♀♀ (brach.); Polanská niva (ponds and pool on floodplain meadow), 9.x.1999, 1 ♂ 1 ♀ (brach.); Pustějov (channel and pool on floodplain meadow), 8.x.1999, 3 ♂♂ 3 ♀♀ (brach.); Studénka (channel), 2.ix.1999, 1 ♂ (brach.); Studénka (Horní rybník pond), 1.-2.ix.1999, 5 ♂♂ 20 ♀♀ (brach.), all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1950).

Corixinae: Corixini

Callicorixa praeusta praeusta (Fieber, 1848). Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 1 ♂ 1 ♀; Bernartice (Hůrecký potok brook), 5.vii.2000, 1 ♂; Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 5 ♂♂ 4 ♀♀; Polanská niva (pool on floodplain meadow), 9.x.1999, 1 ♂; Oderský luh (Jezerní rybník pond), 7.x.1999, 1 ♂; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 8 ♂♂ 5 ♀♀, all PK.

Corixa punctata (Illiger, 1807). Albrechtičky (pool on floodplain meadow near Kačák pond), 2.-3.ix.1999, 3 ♂♂, PK.

Hesperocorixa linnaei (Fieber, 1848). Albrechtičky (pool on floodplain meadow near Kotvice pond), 3.ix.1999, 1 ♀; Kunín (pools in loam pit), 8.x.1999, 2 ♂♂ 7 ♀♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 4 ♂♂ 5 ♀♀, all PK.

Hesperocorixa sahlbergi (Fieber, 1848). Albrechtičky (pool on floodplain meadow near Kotvice pond), 3.ix.1999, 1 ♂ 1 ♀; Oderský luh (pool in Bažantnice floodplain forest), 1.ix.1999, 3 ♂♂ 6 ♀♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 2 ♂♂ 5 ♀♀, all PK.

Paracorixa concinna concinna (Fieber, 1848). Albrechtičky (Kotvice pond), 3.ix.1999, 1 ♂ 1 ♀; Kunín (pools in loam pit), 8.x.1999, 2 ♂♂ 2 ♀♀, all PK.

Sigara* (*Pseudovermicorixa*) *nigrolineata nigrolineata (Fieber, 1848). Jistebník (rain puddle), 2.ix.1999, 1 ♂; Kunín (pools in loam pit), 8.x.1999, 12 ♂♂ 7 ♀♀, all PK; Kunín (pools in loam pit), 24.ix.1999, 1 ♂, Roháčová lgt., PK det., coll. Beskydy Museum.

Sigara* (*Retrocorixa*) *limitata limitata (Fieber, 1848). Kunín (pools in loam pit), 24.vi.1999, 2 ♂♂, PK.

Sigara* (*Retrocorixa*) *semistriata (Fieber, 1848). Polanská niva (pool on floodplain meadow), 9.x.1999, 1 ♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 1 ♂, PK.

Sigara* (*Sigara*) *striata (Linnaeus, 1758). Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 24 ♂♂ 35 ♀♀; Bernartice (Hůrecký potok brook), 5.vii.2000, 1 ♀; Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 8 ♂♂ 6 ♀♀; Jistebník (oxbow lake and rain puddle), 2.ix.1999, 9 ♂♂ 9 ♀♀; Košatka (oxbow lake), 2.ix.1999, 2 ♂♂ 2 ♀♀; Kunín (pools in loam pit),

24.vi.1999, 6 ♂♂; Oderský luh (pool on floodplain meadow), 8.x.1999, 2 ♀♀; Oderský luh (ponds), 23.vi.1999, 5 ♂♂ 7 ♀♀; Oderský luh (ponds), 1.ix.1999, 1 ♂ 10 ♀♀; Oderský luh (ponds), 7.x.1999, 35 ♂♂ 40 ♂♂; Oderský luh (Bažantí rybník pond), 24.viii.2000, 5 ♂♂ 8 ♀♀; Polanka nad Odrou (Nádražní rybník pond), 9.x.1999, 1 ♀; Polanská niva (ponds and pool on floodplain meadow), 9.x.1999, 25 ♂♂ 18 ♀♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 27 ♂♂ 29 ♀♀; Studénka (channel), 2.ix.1999, 1 ♂; Studénka (Horní rybník pond), 1.-2.ix.1999, 6 ♂♂ 8 ♀♀, all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1950).

Sigara* (*Subsigara*) *falleni (Fieber, 1848). Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 6 ♂♂ 11 ♀♀; Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 5 ♂♂ ? ♀; Jeseník nad Odrou (village: Luha brook), 5.vii.2000, 1 ♂; Jistebník (oxbow lake and rain puddle), 2.ix.1999, 3 ♂♂ 4 ♀♀; Košatka (oxbow lake), 2.ix.1999, 3 ♂♂ ? ♀; Kunín (pools in loam pit), 8.x.1999, 7 ♂♂ 8 ♀♀; Oderský luh (pool on floodplain meadow), 8.x.1999, 1 ♂ 3 ♀♀; Oderský luh (ponds), 23.vi.1999, 3 ♂♂ ? ♀; Oderský luh (ponds), 1.ix.1999, 13 ♂♂ ? ♀; Oderský luh (ponds), 7.x.1999, 53 ♂♂ ? ♀; Oderský luh (Bažantí rybník pond), 24.viii.2000, 24 ♂♂ ? ♀; Polanka nad Odrou (Nádražní rybník pond), 9.x.1999, 4 ♂♂; Polanská niva (ponds), 9.x.1999, 13 ♂♂ ? ♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 2 ♂♂ 10 ♀♀; Studénka (channel), 2.ix.1999, 1 ♀; Studénka (Horní rybník pond), 1.-2.ix.1999, 1 ♂, all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1950, Šulová-Brázdová 1956).

Sigara* (*Subsigara*) *iactans Jansson, 1983. Oderský luh (Bažantí rybník pond), 29.ix.1996, 1 ♂, JB lgt., PK det. et coll.; Košatka (oxbow lake), 2.ix.1999, 1 ♂ ? ♀; Oderský luh (Bažantí rybník pond), 23.vi.1999, 2 ♂♂ ? ♀; Oderský luh (Bažantí rybník pond), 7.x.1999, 6 ♂♂ ? ♀; Oderský luh (Bažantí rybník pond), 24.viii.2000, 8 ♂♂ ? ♀; Oderský luh (Jezerní rybník pond), 7.x.1999, 1 ♂ ? ♀; Polanka nad Odrou (Nádražní rybník pond), 9.x.1999, 3 ♂♂ ? ♀; Polanská niva (Malý Budní rybník pond), 9.x.1999, 3 ♂♂ ? ♀, all PK; Polanka nad Odrou (Nádražní rybník pond), 17.ix.2000, 15 ♂♂, Mantič lgt. et coll, PK det.; Polanská niva (floodplain forest, light trap), 29.vii.1997, 1 ♂, Ševčík lgt., PK det. et coll.

Sigara* (*Vermicorixa*) *lateralis (Leach, 1817). Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 6 ♂♂ 14 ♀♀; Jistebník (rain puddle), 2.ix.1999, 8 ♂♂ 11 ♀♀; Kunín (pools in loam pit), 24.vi.1999, 2 ♂♂ 1 ♀; Kunín (pools in loam pit), 8.x.1999, 31 ♂♂ 34 ♀♀; Oderský luh (ponds), 23.vi.1999, 1 ♂ 2 ♀♀; Polanská niva (ponds and pool in floodplain forest), 9.x.1999, 1 ♂ 1 ♀; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 1 ♀, all PK; Kunín (loam pit), 24.ix.1998, 1 ♀, Roháčová lgt., PK det., coll. Beskydy Museum.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1950).

Naucoridae: Naucorinae

Ilyocoris cimicoides cimicoides (Linnaeus, 1758). Albrechtičky (Kotvice pond), 3.ix.1999, 2 L; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 2 ♂♂ 3 ♀♀; Jistebník (oxbow lake and ponds), 2.ix.1999, 2 ♂♂ 2 ♀♀ 1 L; Kunín (pools in loam pit), 8.x.1999, 1 ♀; Oderský luh (ponds), 23.vi.1999, 2 L; Oderský luh (ponds), 1.ix.1999, 10 ♂♂ 3 ♀♀; Oderský luh (ponds), 7.x.1999, 2 ♀♀; Oderský luh (Bažantí rybník pond), 24.viii.2000, 12 ♂♂ 14 ♀♀; Polanská niva (ponds), 9.x.1999, 1 ♂; Pustějov (channel and pool on floodplain meadow), 8.x.1999, 1 ♂ 1 ♀; Studénka (Horní rybník pond), 1.-2.ix.1999, 1 ♂, all PK.

Notonectidae: Notonectinae: Notonectini

Notonecta* (*Notonecta*) *glauca glauca Linnaeus, 1758. Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 11 ♂♂ 6 ♀♀; Jistebník (Rameno u Prosňáku oxbow lake), 2.ix.1999, 4 ♂♂ 4 ♀♀; Kunín (pools in loam pit), 24.vi.1999, 1 ♂ 1 ♀; Kunín (pools in loam pit), 8.x.1999, 2 ♂♂ 5 ♀♀; Oderský luh (channel in Bažantnice floodplain forest), 1.ix.1999, 5 ♂♂ 5 ♀♀; Polanská niva (pool on floodplain meadow) 9.x.1999, 1 ♀; Pustějov (channel on floodplain meadow), 8.x.1999, 2 ♂♂ 6 ♀♀, all PK.

Notonecta* (*Notonecta*) *lutea Müller, 1776. Albrechtičky (pool on floodplain meadow near Kačák pond), 2.-3.ix.1999, 3 ♂♂ 3 ♀♀ (1 pair in copula); Oderský luh (pool in Bažantnice floodplain forest), 1.ix.1999, 1 ♂ 2 ♀♀, all PK.

Notonecta* (*Notonecta*) *maculata Fabricius, 1794. Oderský luh (Jezerní rybník pond), 29.ix.1996, 1 ♂, JB lgt. et coll., PK det.

Notonecta* (*Notonecta*) *viridis Delcourt, 1909. Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 1 ♂ 1 ♀; Kunín (pools in loam pit), 8.x.1999, 4 ♂♂ 1 ♀♀; Oderský luh (Kozák pond), 1.ix.1999, 2 ♂♂ 1 ♀; Polanská niva (Malý Budní rybník pond), 9.x.1999, 1 ♂; Pustějov (channel on floodplain meadow), 8.x.1999, 1 ♂, all PK.

Pleidae

Plea minutissima minutissima Leach, 1817. Albrechtičky (Kotvice pond), 3.ix.1999, 4 ♂♂ 2 ♀♀ 5 L; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 4 ♂♂ 3 ♀♀; Oderský luh (Bažantí rybník pond), 24.viii.2000, 5 ♂♂ 9 ♀♀; Studénka (Horní rybník pond), 1.ix.1999, 1 ♀ 3 L.

GERROMORPHA

Mesoveliidae: Mesoveliinae

Mesovelia furcata Mulsant et Rey, 1852. Jistebník (Prutník pond), 2.ix.1999, 1 ♂ 1 ♀ (macr.); Jistebník (oxbow lake and ponds), 2.ix.1999, 1 ♂ 1 ♀ (apt.); Košatka (oxbow lake), 2.ix.1999, 2 ♂♂ (macr.) 1 ♀ (apt.); Oderský luh (Kozák pond), 23.vi.1999, 1 ♂ (apt.); Oderský luh (ponds), 1.ix.1999, 6 ♂♂ 2 ♀♀ (apt.); Oderský luh (ponds), 7.x.1999, 1 ♂ 10 ♀♀ (apt.); Oderský luh (Bažantí rybník pond), 24.viii.2000, 8 ♂♂ 4 ♀♀ (apt.); Polanská niva (Malý Budní rybník pond), 9.x.1999, 1 ♂ 2 ♀♀ (apt.); Pustějov (pool on floodplain meadow), 8.x.1999, 1 ♂ (apt.); Studénka (channel), 2.ix.1999, 2 ♀♀ (macr.) 1 ♂ 1 ♀ (apt.); Studénka (Horní rybník pond), 1.-2.ix.1999, 17 ♂♂ 11 ♀♀ 7 L (apt.), all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1950).

Hebridae: Hebrinae

Hebrus* (*Hebrus*) *pusillus pusillus (Fallén, 1807). Albrechtičky (pools on floodplain meadow), 15.iv.2000, 4 ♂♂, Mantič lgt. et coll., PK det.

Hebrus* (*Hebrusella*) *ruficeps Thomson, 1871. Studénka (Horní rybník pond), 29.v.1999, 1 ♀ (micr.), JB lgt. et coll., PK det.

Hydrometridae

Hydrometra gracilenta Horváth, 1899. Studénka (Horní rybník pond), 28.iv.1996, 1 ♂ (micr.), JB, PK revid.

Hydrometra stagnorum (Linnaeus, 1758). Albrechtičky (Odra river), 2.ix.1999, 3 ♂♂ 1 ♀ (micr.); Jeseník nad Odrou (Jesenický rybník pond), 24.vi.1999, 1 ♂ (micr.); Jistebník (Rameno u Prosňáku oxbow lake), 2.ix.1999, 2 ♂♂ 2 ♀♀ (micr.); Košatka (oxbow lake), 2.ix.1999, 1 ♂ 1 ♀ (submacr.) 2 ♀♀ (micr.); Oderský luh (channel in Bažantnice floodplain forest), 1.ix.1999, 16 ♂♂ 15 ♀♀ (micr.); Oderský luh (Mlynka channel), 24.viii.2000, 1 ♀ (micr.); Polanská niva (Malý Budní rybník pond), 9.x.1999, 2 ♂♂ (micr.); Pustějov (channel and pool on floodplain meadow), 8.x.1999, 2 ♀♀ (micr.); Studénka (channel), 2.ix.1999, 1 ♂ (micr.); Studénka (Horní rybník pond), 1.-2.ix.1999, 1 ♀ (micr.); Studénka (swamp by Horní rybník pond: sweeping of very short vegetation), 24.viii.2000, 1 ♀ (micr.), all PK; Polanka nad Odrou (without details), 30.v.1999, 1 ♀ (micr.), Mantič lgt. et coll., PK det.

Veliidae: Microveliinae: Microveliini

Microvelia reticulata (Burmeister, 1835). Oderský luh (ponds), 28.iv.1996, 2 ♂♂ 1 ♀ (apt.), JB, PK revid.; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 6 ♂♂ 9 ♀♀ (apt.); Jistebník (oxbow lakes and ponds), 2.ix.1999, 1 ♀ (macr.) 3 ♂♂ 5 ♀♀ (apt.); Kunín (pools in loam pit), 8.x.1999, 3 ♂♂ 5 ♀♀ (apt.); Oderský luh (ponds), 23.vi.1999, 3 ♂♂ 8 ♀♀ (apt.); Oderský luh (ponds), 1.ix.1999, 3 ♂♂ 6 ♀♀ (apt.); Oderský luh (ponds), 7.x.1999, 1 ♂ 2 ♀♀ (apt.); Polanská niva (pool on floodplain meadow), 9.x.1999, 1 ♂ 1 ♀ (apt.); Studénka (Horní rybník pond), 23.vi.1999, 2 ♂♂ (apt.); Studénka (Horní rybník pond), 1.-2.ix.1999, 1 ♀ (apt.), all PK.

Veliinae

Velia (Plesiovelia) saulii Tamanini, 1947. Bernartice (puddle by channel), 5.vii.2000, 1 ♂ 3 ♀♀ (apt.), PK.

Gerridae: Gerrinae: Gerrini

Aquarius najas (De Geer, 1773). Studénka (Mlynka channel), 28.iv.1996, 1 ♂ 1 ♀ (apt.), JB, PK revid.; Oderský luh (Mlynka channel), 7.x.1999, 12 ♂♂ 14 ♀♀ 13 L (apt.); Oderský luh (Mlynka channel), 24.viii.2000, 7 ♂♂ 5 ♀♀ 11 L (apt.); Polanská niva (Polanečnice rivulet), 9.x.1999, 2 ♂♂ 3 ♀♀ (apt.), all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1951); Polanka nad Odrou (Polanečnice rivulet) (Roháčová 1996a).

Aquarius paludum paludum (Fabricius, 1794). Studénka (ponds), 28.iv.1996, 1 ♂ (macr.), JB, PK revid.; Albrechtičky (Kotvice pond), 3.ix.1999, numerous spec. (observ.); Jistebník (oxbow lakes and ponds), 2.ix.1999, 2 ♂♂ (macr.); Košatka (Odra river), 2.ix.1999, 1 ♀ (macr.); Polanská niva (ponds), 9.x.1999, 1 ♂ 2 ♀♀ (macr.); Studénka (channel and ponds), 1.-2.ix.1999, 1 ♂ 1 ♀ (macr.), all PK.
Published records: Jistebník, Polanka nad Odrou (Teyrovský 1951).

Gerris* (*Gerris*) *argentatus Schummel, 1832. Oderský luh (Bažantí rybník pond), 28.iv.1996, 1 ♂ (macr.), JB, PK revid.; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 1 ♂ (macr.); Jistebník (oxbow lakes and ponds), 2.ix.1999, 10 ♂♂ 6 ♀♀ (macr.); Jistebník (Prutník pond), 2.ix.1999, 3 ♂♂ (apt.); Oderský luh (Bažantí rybník pond), 7.x.1999, 2 ♂♂ (macr.); Oderský luh (Bažantí rybník pond), 24.viii.2000, 1 ♂ (macr.); Polanka nad Odrou (Nádražní rybník pond), 9.x.1999, 3 ♂♂ 1 ♀ (macr.); Polanská niva (pool on floodplain meadow and ponds), 1 ♂ 2 ♀♀ (macr.); Studénka (Horní rybník pond), 1.-2.ix.1999, 5 ♂♂ (macr.), all PK.

Gerris* (*Gerris*) *lacustris (Linnaeus, 1758). Oderský luh (ponds), 28.iv.1996, 3 ♀♀ (macr.), JB, PK revid.; Albrechtičky (Odra river), 2.ix.1999, 1 ♀ (macr.) 1 ♂ (brach.); Albrechtičky (pools on floodplain meadow), 3.ix.1999, 1 ♂ 1 ♀ (macr.) 1 ♂ (brach.); Bernartice (Hůrecký potok brook and rain puddles), 5.vii.2000, 1 ♂ 2 ♀ (macr.); Jeseník nad Odrou (village: Luha brook), 5.vii.2000, 1 ♂ (macr.); Jistebník (oxbow lakes and channel and rain puddles), 2.ix.1999, 1 ♂ 3 ♀♀ (macr.) 3 ♂♂ 1 ♀ (brach.); Košatka (oxbow lake and Odra river), 2.ix.1999, 1 ♂ 1 ♀ (macr.) 2 ♀♀ (brach.); Kunín (pools in loam pit), 24.vi.1999, 1 ♂ (macr.); Kunín (pools in loam pit), 8.x.1999, 1 ♂ (brach.); Oderský luh (channel in floodplain forest), 1.ix.1999, 3 ♂♂ 5 ♀♀ (macr.) 5 ♂♂ 1 ♀ (brach.); Oderský luh (Mlynka channel), 7.x.1999, 1 ♀ (brach.); Oderský luh (ponds), 23.vi.1999, 2 ♂♂ (brach.); Oderský luh (ponds), 1.ix.1999, 1 ♀ (macr.); Odra-Malý les (puddle by Odra river), 5.vii.2000, 1 ♂ 1 ♀ (macr.); Polanská niva (pool in Horní les floodplain forest), 9.x.1999, 1 ♂ (macr.); Polanská niva (Polanečnice rivulet), 9.x.1999, 1 ♀ (brach.); Studénka (channel), 2.ix.1999, 1 ♂ (macr.), all PK; Polanská niva (floodplain forest, Malaise trap), 1.-31.viii.1997, 1 ♀ (macr.), Ševčík lgt., PK det. et coll.

Published record: Polanka nad Odrou (Polanečnice rivulet) (Roháčová 1996a).

Gerris* (*Gerris*) *odontogaster (Zetterstedt, 1828). Oderský luh (Bažantí rybník pond), 28.iv.1996, 1 ♀ (macr.), JB, PK revid.; Albrechtičky (pools on floodplain meadow), 2.-3.ix.1999, 3 ♂♂ 2 ♀♀ (macr.); Kunín (pools in loam pit), 24.vi.1999, 1 ♀ (macr.) 1 ♂ (micr.); Kunín (pools in loam pit), 8.x.1999, 6 ♀♀ (macr.); Oderský luh (Bažantí rybník pond), 7.x.1999, 1 ♂ (macr.); Polanská niva (pool on floodplain meadow), 9.x.1999, 1 ♀ (macr.); Studénka (Horní rybník pond), 1.-2.ix.1999, 1 ♀ (macr.), all PK.

Gerris* (*Gerris*) *thoracicus Schummel, 1832. Kunín (pools in loam pit), 24.vi.1999, 2 ♂♂ (macr.); Oderský luh (Kozák pond), 23.vi.1999, 1 ♂ 2 ♀♀ (macr.), all PK.

Limnoporus rufoscutellatus (Latreille, 1807). Albrechtičky (pool on floodplain meadow near Kotvice pond), 3.ix.1999, 1 ♂ (macr.); Jistebník (channel), 2.ix.1999, 1 ♂ (macr.); Kunín (pools in loam pit), 24.vi.1999, 1 ♂ (macr.); Oderský luh (channel in Bažantnice floodplain forest), 1.ix.1999, 2 ♂♂ 1 ♀ (macr.); Studénka (channel), 2 ♂♂ 2 ♀♀ (macr.), all PK.

LEPTOPODOMORPHA

Saldidae: Saldinae: S a l d o i d i n i

Chartoscirta cincta cincta (Herrich-Schaeffer, 1841). Albrechtičky (Odra river: bank), 2.ix.1999, 1 ♂, PK.

Chartoscirta elegantula elegantula (Fallén, 1807). Studénka (swamp), 2.ix.1999, 1 ♂ (brach.), PK; Ostrava-Poruba (swamp), 21.iv.1999, 1 ♀ (brach.); Polanka nad Odrou (river bank, sifting), 14.xi.1998, 1 ♂ 1 ♀ (brach.), both Mantič lgt. et coll., PK det.

Saldula opacula (Zetterstedt, 1838). Albrechtičky (floodplain meadow: bottom of drying pool), 3.ix.1999, 7 ♀♀, PK.

Saldula cf. ***opacula*** (Zetterstedt, 1838) Jeseník nad Odrou (Jesenický rybník pond: shores), 24.vi.1999, 2 ♂♂, PK.

Saldula saltatoria (Linnaeus, 1758). Oderský luh (pond shores), 28.iv.1996, 3 spec., Studénka (without details), 28.iv.1996, 2 ♀♀, both JB; Albrechtičky (floodplain meadow: bottom of drying pool), 3.ix.1999, 3 ♀♀; Jeseník nad Odrou (Jesenický rybník pond: shores), 24.vi.1999, 4 ♂♂ 1 ♀; Jeseník nad Odrou (village: Luha brook: banks), 5.vii.2000, 6 ♂♂ 1 ♀; Polanská niva (floodplain forest: sweeping on *Urtica dioica*), 9.x.1999, 1 ♀, all PK; Ostrava-Poruba (wood, sifting), 30.i.2000, 2 ♀♀; Polanka nad Odrou (river, in water), 24.v.1999, 1 ♀, both Mantič lgt. et coll., PK det.

CIMICOMORPHA

Tingidae: Tinginae

Acalypta carinata (Panzer, 1806). Oderský luh (Bažantnice floodplain forest: under bark of decaying tree stem), 28.iv.1996, 8 ♂♂, JB lgt. et det., PK revid., coll. JB et PK.

Dictyla humuli (Fabricius, 1794). Oderský luh (floodplain meadow), 3.vi.1996, 1 ♀, JB; Jistebník (shore growth), 29.vii.1999, 3 ♂♂; Oderský luh (floodplain meadow), 29.vii.1999, 1 ♂ 1 ♀; Studénka (ruderal vegetation), 29.vii.1999, 1 ♀, all JB lgt., PK det. et coll.; Bernartice (floodplain meadows), 5.vii.2000, 1 ♂; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂; Oderský luh (floodplain meadow), 1.ix.1999, 1 ♂ 1 ♀; Oderský luh (floodplain meadow and swamp), 24.viii.2000, 8 ♂♂ 10 ♀♀; Odra-Malý les (floodplain meadows), 5.vii.2000, 7 ♂♂ 4 ♀♀; Pustějov (floodplain meadow), 8.x.1999, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀, all PK; Odry (shore growth), 15.vi.1970, 3 ♂♂ 1 ♀, Tesař lgt., PK det., coll. Silesian Museum; Ostrava-Poruba (ruderal vegetation), 7.-25.vi.1999, 1 ♂ 2 ♀♀, Mantič lgt. et coll., PK det.

Physatocheila costata (Fabricius, 1794). Odra-Malý les (shore growth), 5.vii.2000, 2 ♂♂, PK; Ostrava-Poruba (wood, sifting), 30.i.2000, 2 ♀♀, Mantič lgt. et coll., PK det.

Tingis (Neolasiotropis) pilosa Hummel, 1825. Odry (shore growth), 15.vi.1970, 1 ♀, Tesař lgt., PK det., coll. Silesian Museum.

Tingis (Tingis) cardui (Linnaeus, 1758). Oderský luh (floodplain meadow, pitfall trap), 3.vii.1996, 1 ♂, JB; Kunín (loam pit: *Cirsium*), 24.vi.1999, 1 ♂ 3 ♀♀, PK; Odry (shore growth), 15.vi.1970, 1 ♂, Tesař lgt., PK det., coll. Silesian Museum; Polanka nad Odrou (floodplain meadow), 30.v.1999, 1 ♂, Mantič lgt. et coll, PK det.

Miridae: Bryocorinae: Bryocorini

Bryocoris pteridis (Fallén, 1807). Odra-Malý les (wood), 28.vii.1999, 3 ♂♂ 3 ♀♀, JB; Odra-Malý les (wood), 5.vii.2000, 5 ♀♀ (brach.), PK; Polanka nad Odrou (Polanský les floodplain forest), 3.v.1986, 1 ♀, Roháčová lgt. et det., coll. Beskydy Museum.

Monalocoris (Monalocoris) filicis (Linnaeus, 1758). Odra-Malý les (wood), 28.vii.1999, 3 ♂♂ 2 ♀♀, JB; Odra-Malý les (wood), 5.vii.2000, 4 ♂♂ 3 ♀♀, PK.

Dicyphini

Campyloneura virgula (Herrich-Schaeffer, 1835). Oderský luh (shore growth), 23.vi.1999, 1 ♀, JB; Odra-Malý les (wood), 5.vii.2000, 1 ♀, PK.

Dicyphus* (*Brachyceroea*) *globulifer (Fallén, 1829). Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♂; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 3 ♂♂ 1 ♀; Pustějov (ruderal vegetation), 8.x.1999, 2 ♀♀; Studénka (shore growth), 23.vi.1999, 1 ♀, all JB; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 3 ♂♂ 5 ♀♀, both PK.

Dicyphus* (*Dicyphus*) *constrictus (Boheman, 1852). Studénka (shore growth), 7.x.1999, 1 ♀, JB.

Dicyphus* (*Dicyphus*) *epilobii Reuter, 1883. Studénka (shore growth of small brooklet near railway station, on *Epilobium hirsutum*), 24.viii.2000, 7 ♂♂ 9 ♀♀; Suchdol nad Odrou (railway station: moist drain next to the railway, on *Epilobium hirsutum*), 24.viii.2000, 2 ♀♀, both PK.

Dicyphus* (*Dicyphus*) *pallidus (Herrich-Schaeffer, 1836). Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♀, JB; Bernartice nad Odrou (shore growth), 5.vii.2000, 2 ♂♂ (macr.); Oderský luh (floodplain forest), 24.viii.2000, 3 ♀♀ (brach.); Odra-Malý les (wood), 5.vii.2000, 3 ♂♂ (macr.) 4 ♂♂ 3 ♀♀ (brach.), all PK.

Macrolophus pygmaeus (Rambur, 1839). Odra-Malý les (wood), 5.vii.2000, 1 ♂ 3 ♀♀, PK.

Deraeocorinae: Deraeocorini

Alloeotomus germanicus Wagner, 1939. Suchdol nad Odrou (railway station: *Pinus nigra*), 5.vii.2000, 1 ♂, 24.viii.2000, 1 ♀, both PK.

Deraeocoris* (*Camptobrochis*) *serenus (Douglas et Scott, 1868). Studénka (railway station: ruderal vegetation), 24.viii.2000, 3 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♂♂, both PK.

Deraeocoris* (*Deraeocoris*) *olivaceus (Fabricius, 1777). Polanka nad Odrou (shore growth), 30.v.1999, 1 ♀, Mantič lgt. et coll., JB det.

Deraeocoris* (*Deraeocoris*) *ruber (Linnaeus, 1758). Bernartice nad Odrou (sand pit: ruderal vegetation), 28.vii.1999, 1 ♀; Oderský luh (floodplain forest), 29.vii.1999, 1 ♀; Odra-Malý les (wood), 28.vii.1999, 1 ♂ 1 ♀, all JB; Odra-Malý les (wood), 5.vii.2000, 1 ♂, PK; Jistebník (floodplain meadow), 31.vii.1973, 1 ♀, Petřík lgt., Roháčová det., coll. Beskydy Museum.

Deraeocoris* (*Deraeocoris*) *trifasciatus (Linnaeus, 1767).

Published record: Polanská niva (Horní les floodplain forest, diet of youngs *Ficedula hypoleuca*) (Pavelka 1990).

Deraeocoris* (*Knightocapsus*) *lutescens (Schilling, 1837). Jeseník nad Odrou (shore growth), 24.vi.1999, 2 ♀♀; Kunín (alley), 24.vi.1999, 1 ♀; Oderský luh (floodplain forest), 28.iv.1996, 1 spec.; Odra-Malý les (wood), 28.vii.1999, 1 ♀, all JB; Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♂ 2 ♀♀; Studénka (railway station: *Tilia*), 24.viii.2000, 6 ♂♂ 2 ♀♀; Suchdol nad Odrou (railway station: leafy trees), 5.vii.2000, 1 ♂ 1 ♀; Suchdol nad Odrou (railway station: *Tilia*), 24.viii.2000, 2 ♂♂ 2 ♀♀, all PK; Ostrava-Poruba (wood, sifting), 30.i.2000, 1 ♀; Polanka nad Odrou (floodplain forest, sifting), 9.i.2000, 1 ♀, both Mantič lgt. et coll., JB det.; Studénka (shore growth), 30.iv.2000, 1 ♀, Ševčík lgt., JB det. et coll.

Mirinae: Mirini

Adelphocoris lineolatus (Goeze, 1778). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 2 ♂♂ 4 ♀♀, both JB; Bernartice nad Odrou (floodplain meadows), 5.vii.2000, 1 ♀; Odra-Malý les (floodplain meadow), 5.vii.2000, 1 ♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 2 ♀♀; Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♀, 24.viii.2000, 2 ♀♀, all PK; Ostrava-Zábřeh (shore growth), 17.ix.1991, 1 ♂, Roháčová lgt.; Polanka nad Odrou (no details), 25.viii.1971, 1 ♀, Petřík lgt., both Roháčová det., coll. Beskydy Museum; Polanská niva (floodplain forest, light trap), 9.vii.1996, 1 ♂, Ševčík lgt., JB det. et coll.

Adelphocoris quadripunctatus (Fabricius, 1794). Bernartice nad Odrou (field margin), 28.vii.1999, 4 ♀♀; Oderský luh (floodplain forest), 1 ♂; Jistebník (floodplain meadow), 29.vii.1999, 1 ♀; Polanka nad Odrou (shore growth), 29.vii.1999, 3 ♂♂ 3 ♀♀; Studénka (ruderal vegetation), 29.vii.1999, 1 ♀, all JB; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂ 1 ♀; Odra-Malý les (floodplain meadow), 5.vii.2000, 1 ♂; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂ 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 7 ♀♀, all PK; Ostrava-Svinov (ruderal vegetation), 4.viii.1999, 1 ♀, Mantič lgt. et coll., JB det.

Adelphocoris seticornis (Fabricius, 1775). Bernartice nad Odrou (field margin), 28.vii.1999, 2 ♀♀; Kunín (field margin), 24.vi.1999, 1 ♀; Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♂ 1 ♀, all JB; Oderský luh (floodplain meadow), 24.viii.2000, 1 ♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 2 ♀♀; Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♂ 2 ♀♀, 24.viii.2000, 4 ♂♂ 3 ♀♀, all PK; Ostrava-Zábřeh (shore growth), 7.vii.1991, 1 ♂, Roháčová lgt.; Ostrava-Zábřeh (shore growth), 17.ix.1991, 1 ♂, Roháčová lgt.; Polanka nad Odrou (no details), 25.viii.1971, 27 ♂♂ 25 ♀♀, Petřík lgt., all Roháčová det., coll. Beskydy Museum; Polanka nad Odrou (shore growth), 4.viii.1999, 1 ♀, Mantič lgt. et coll., JB det.

Agnocoris reclairei (Wagner, 1949). Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♂, JB.

Agnocoris rubicundus (Fallén, 1807). Polanka nad Odrou (floodplain forest, sifting), 9.i.2000, 1 ♀, Mantič lgt. et coll., JB det.

Apolygus limbatus (Fallén, 1807). Odra-Malý les (shore growth: *Salix*), 5.vii.2000, 1 ♂, PK.

Apolygus lucorum (Meyer-Dür, 1843). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 2 ♂♂; Kunín (field margin), 24.vi.1999, 2 ♀♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♂ 1 ♀; Oderský luh (shore growth), 23.vi.1999, 1 ♂; Oderský luh (shore growth), 7.x.1999, 1 ♂; Polanka nad Odrou (shore growth), 29.vii.1999, 5 ♂♂ 1 ♀; Pustějov (ruderal vegetation), 2 ♂♂ 3 ♀♀; Studénka (rudearal vegetation), 29.vii.1999, 1 ♂ 1 ♀, all JB; Odra-Malý les (wood), 5.vii.2000, 1 ♂ 1 ♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 6 ♂♂ 7 ♀♀, 24.viii.2000, 1 ♂ 4 ♀♀, all PK; Košatka (floodplain meadow), 20.vi.1990, 2 ♂♂, Polášek lgt.; Polanka nad Odrou (no details), 25.viii.1971, 1 ♂ 1 ♀, Petřík lgt., both Roháčová det., coll. Beskydy Museum.

Apolygus spinolae (Meyer-Dür, 1841). Košatka (shore growth), 2.ix.1999, 2 ♀♀; Oderský luh (shore growth), 23.vi.1999, 1 ♂; Odra-Malý les(wood), 28.vii.1999, 1 ♂, all JB.

Calocoris affinis (Herrich-Schaeffer, 1835). Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (field margin), 24.vi.1999, 1 ♂; Oderský luh (shore growth), 23.vi.1999, 2 ♂♂, all JB; Odra-Malý les (shore growth), 5.vii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 1 ♀, both PK.

Camptozygum aequale (Villers, 1789). Jeseník nad Odrou (village: *Pinus nigra* and *P. silvestris*), 5.vii.2000, 2 ♀♀, PK.

Capsus ater (Linnaeus, 1758). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♂; Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♀, all JB; Košatka (cultural and floodplain meadow), 20.vi.1990, 2 ♂♂ 2 ♀♀, Polášek lgt.; Košatka (meadow), 21.vi.1994, 1 ♂, Roháčová lgt.; Ostrava-Zábřeh (shore growth), 7.vii.1991, 1 ♀, Roháčová lgt.; Ostrava-Zábřeh (shore growth), 17.ix.1991, 1 ♀, Roháčová lgt., all Roháčová det., coll. Beskydy Museum; Odry (shore growth), 15.vi.1970, 1 ♀, Tesař lgt., JB det., coll. Silesian Museum; Ostrava-Poruba (ruderal vegetation), 17.vi.1999, 1 ♂, Mantič lgt. et coll, JB det.

Charagochilus (Charagochilus) gyllenhalii (Fallén, 1807): Oderský luh (floodplain meadow), 24.viii.2000, 1 ♂ 2 ♀♀; Studénka (railway station: xerothermic vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: xerothermic vegetation), 24.viii.2000, 1 ♂ 2 ♀♀, all PK lgt., JB det. et coll.; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♀, PK.

Closterotomus biclavatus biclavatus (Herrich-Schaeffer, 1835). Jeseník nad Odrou (village: *Betula*), 5.vii.2000, 1 ♀, PK.

Closterotomus fulvomaculatus (De Geer, 1773). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂; Studénka (shore growth), 21.vi.1997, 1 ♀, both JB.

Closterotomus norwegicus (Gmelin, 1790). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♂; Kunín (field margin), 24.vi.1999, 3 ♂ 1 ♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♂, all JB; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 1 ♀, both PK.

Dichrooscytus intermedius Reuter, 1885. Suchdol nad Odrou (village: *Picea abies*), 5.vii.2000, 1 ♀, PK.

Grypocoris (Lophyromiris) sexguttatus (Fabricius, 1777). Oderský luh (floodplain forest), 21.vi.1997, 2 ♂♂ 1 ♀, 29.v.1999, 1 ♂; Oderský luh (shore growth), 23.vi.1999, 1 ♀, all JB; Polanka nad Odrou (shore growth), 30.v.1999, 1 ♀, Mantič lgt. et coll., JB det.

Liocoris tripustulatus (Fabricius, 1781). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (field margin), 24.vi.1999, 1 ♀; Oderský luh (floodplain forest), 29.vii.1999, 1 ♂; Oderský luh (shore growth), 7.x.1999, 1 ♂; Odra-Malý les (wood), 28.vii.1999, 1 ♂ 4 ♀♀; Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♀; Polanská niva (floodplain forest), 9.x.1999, 1 ♂ 1 ♀; Pustějov (ruderal vegetation), 8.x.1999, 7 ♂♂ 4 ♀♀; Studénka (shore growth), 23.vi.1999, 1 ♂ 1 ♀, all JB; Bernartice nad Odrou (shore growth), 5.vii.2000, 2 ♀♀; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♀; Oderský luh (meadow), 24.viii.2000, 1 ♂; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 2 ♀♀, all PK; Ostrava-Zábřeh (shore growth), 7.vi.1991, 1 ♂, Roháčová lgt. et det., coll. Beskydy Museum; Odry (shore growth), 15.vi.1970, 1 ♀, Tesař lgt., JB det., coll. Silesian Museum; Polanka nad Odrou (shore growth), 4.viii.1999, 1 ♀, Mantič lgt. et coll., JB det.; Studénka (shore growth), 30.iv.2000, 1 ♀, Ševčík lgt., JB det. et coll.

Lygocoris (Lygocoris) pabulinus (Linnaeus, 1761). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (field margin), 24.vi.1999, 1 ♀; Oderský luh (floodplain forest), 21.vi.1997, 3 ♂♂ 3 ♀♀, 1.ix.1999, 5 ♀♀, 29.vii.1999, 1 ♂ 1 ♀; Odra-Malý les (wood), 28.vii.1999, 1 ♀; Polanka nad Odrou (Polanský les floodplain forest), 29.vii.1999, 2 ♀♀, all JB; Ostrava-Zábřeh (shore growth), 7.vii.1991, 1 ♂, Roháčová lgt.; Polanka nad Odrou (no details), 25.viii.1971, 2 ♂♂, Petřík lgt., both Roháčová det., coll. Beskydy Museum; Polanská niva (floodplain forest, light trap), 24.viii.1996, 1 ♀, Ševčík lgt., JB det. et coll.

Lygocoris* (*Neolygus*) *contaminatus (Fallén, 1807). Kunín (scattered trees), 24.vi.1999, 1 ♂ 1 ♀, JB; Jeseník nad Odrou (village, on *Betula*), 5.vii.2000, 4 ♀♀, PK.

Lygocoris* (*Neolygus*) *viridis (Fallén, 1807). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂ 2 ♀♀; Kunín (park, scattered trees), 24.vi.1999, 4 ♂♂ 4 ♀♀; Oderský luh (shore growth), 23.vi.1999, 1 ♀, all JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 2 ♂♂ 2 ♀♀; Suchdol nad Odrou (railway station: leafy trees), 5.vii.2000, 1 ♀, both PK.

Lygus gemellatus gemellatus (Herrich-Schaeffer, 1835). Studénka (railway station: xerothermic vegetation), 24.viii.2000, 1 ♀, PK lgt., JB det. et coll.; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♀, PK.

Lygus pratensis (Linnaeus, 1758). Jistebník (floodplain meadow), 29.vii.1999, 2 ♀♀; Oderský luh (floodplain forest), 8.x.1999, 1 ♀; Oderský luh (shore growth), 7.x.1999, 1 ♂; Odra-Malý les (wood), 28.vii.1999, 1 ♀; Polanka nad Odrou (shore growth), 29.vii.1999, 2 ♂♂ 3 ♀♀; Pustějov (ruderal vegetation), 8.x.1999, 5 ♂♂, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 5 ♂♂; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 2 ♂♂ 1 ♀; Odra-Malý les (floodplain meadow), 5.vii.2000, 5 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♂♂ 3 ♀♀, 24.viii.2000, 1 ♂, all PK; Kunín (loam pit: ruderal vegetation), 24.ix.1998, 1 ♀, Roháčová lgt.; Polanka nad Odrou (Polanský les floodplain forest), 3.v.1986, 1 ♂, Roháčová lgt.; Polanka nad Odrou (no details), 25.viii.1971, 1 ♂, Petřík lgt., all Roháčová det., coll. Beskydy Museum.

Lygus rugulipennis Poppius, 1911. Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 2 ♂♂; Jistebník (floodplain meadow), 29.vii.1999, 1 ♀; Košatka (shore growth), 2.ix.1999, 1 ♀; Kunín (field margin), 24.vi.1999, 2 ♂♂ 2 ♀♀; Oderský luh (floodplain forest), 8.x.1999, 2 ♂♂ 1 ♀; Polanská niva (floodplain forest), 9.x.1999, 2 ♀♀; Polanka nad Odrou (shore growth), 29.vii.1999, 3 ♂♂ 2 ♀♀; Pustějov (ruderal vegetation), 8.x.1999, 6 ♂♂ 2 ♀♀; Studénka (cultural meadow), 1.ix.1999, 2 ♀♀, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 4 ♂♂ 2 ♀♀; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 4 ♂♂ 1 ♀; Oderský luh (floodplain meadow), 24.viii.2000, 3 ♂♂ 8 ♀♀; Odra-Malý les (floodplain meadow and wood), 5.vii.2000, 4 ♀♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 6 ♂♂ 10 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♂♂ 5 ♀♀, 24.viii.2000, 16 ♂♂ 14 ♀♀, all PK; Košatka (cultural meadow), 20.vi.1990, 1 ♀, Polášek lgt.; Kunín (loam pit: ruderal vegetation), 24.ix.1998, 6 ♂♂ 1 ♀, Roháčová lgt.; Polanka nad Odrou (Polanský les floodplain forest), 23.iv.1986, 1 ♀, 3.v.1986, 1 ♂, both Roháčová lgt.; Polanka nad Odrou (no details), 25.viii.1971, 95 ♂♂ 87 ♀♀, Petřík lgt.; Ostrava-Zábřeh (shore growth), 17.ix.1991, 2 ♀♀, Roháčová lgt., all Roháčová det., coll. Beskydy Museum; Ostrava-Poruba (wood, sifting), 4.xii.1999, 1 ♀, 30.i.2000, 1 ♂ 2 ♀♀, all Mantič lgt. et coll., JB det.; Polanská niva (floodplain forest, yellow trap), 1.-28.ix.1997, 2 ♂♂, Ševčík lgt., JB det. et coll.

Mermitelocerus schmidti (Fieber, 1836). Oderský luh (floodplain forest), 21.vi.1997, 1 ♂ 1 ♀, 29.v.1999, 4 ♂♂ 4 ♀♀, both JB; Polanka nad Odrou (shore growth), 30.v.1999, 1 ♀, Mantič lgt. et coll., JB det.

Miris striatus (Linnaeus, 1758).
Published record: Polanská niva (Horní les floodplain forrest, diet of youngs *Ficedula hypoleuca*) (Pavelka 1990).

Orthops* (*Orthops*) *basalis (A. Costa, 1853). Kunín (field margin), 24.vi.1999, 1 ♀; Oderský luh (floodplain forest), 28.iv.1996, 1 ♂ 1 ♀; Oderský luh (floodplain forest), 21.vi.1997, 2 ♀♀; Oderský luh (floodplain meadow), 29.v.1999, 1 ♀, all JB; Suchdol nad Odrou (railway station: ruderal ve-

getation), 24.viii.2000, 1 ♂ 1 ♀; Studénka (railway station, ruderal vegetation), 24.viii.2000, 2 ♀♀, both PK lgt., JB det. et coll.; Polanská niva (floodplain forest, light trap), 9.vii.1996, 1 ♂, Ševčík lgt., JB det. et coll.

Orthops* (*Orthops*) *campestris (Linnaeus, 1758). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂, JB; Bernartice nad Odrou (meadow by Odra river), 5.vii.2000, 1 ♀; Jeseník nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 3 ♀♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♀♀, all PK lgt. et coll., JB det.; Odry (shore growth), 15.vi.1970, 3 ♂♂ 2 ♀♀, Tesař lgt., JB det., coll. Silesian Museum.

Orthops* (*Orthops*) *kalmii (Linnaeus, 1758). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀; Oderský luh (shore growth), 23.vi.1999, 3 ♂♂ 2 ♀♀, both JB; Odra-Malý les (floodplain meadow), 5.vii.2000, 1 ♂, PK lgt. et coll., JB det.; Oderský luh (flooplain meadow), 24.viii.2000, 1 ♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 2 ♂♂ 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 2 ♂♂ 1 ♀, all PK lgt., JB det. et coll.; Polanská niva (floodplain forest, light trap), 9.vii.1996, 2 ♂♂, 23.vii.1996, 1 ♂, both Ševčík lgt., JB det. et coll.

Pantilius* (*Pantilius*) *tunicatus (Fabricius, 1781). Studénka (shore growth: *Alnus glutinosa*), 24.viii.2000, 2 ♂♂, PK.

Phytocoris* (*Ktenocoris*) *nowickyi Fieber, 1870. Oderský luh (scattered trees: shaking down on shrubs, particularly *Salix*), 29.vii.1999, 1 ♀, JB.

Phytocoris* (*Ktenocoris*) *ulmi (Linnaeus, 1758). Kunín (scattered trees), 24.vi.1999, 1 ♀, JB; Suchdol nad Odrou (meadows by Odra river), 5.vii.2000, 1 ♂, PK lgt. et coll., JB det.

Phytocoris* (*Ktenocoris*) *varipes Boheman, 1852. Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♂, 24.viii.2000, 1 ♂ 1 ♀, all PK lgt. et coll., JB det.

Phytocoris* (*Phytocoris*) *longipennis Flor, 1861. Oderský luh (floodplain forest), 29.vii.1999, 1 ♂ 1 ♀, JB; Odra-Malý les (wood), 5.vii.2000, 2 ♀, PK lgt. et coll., JB det.; Polanská niva (floodplain forest, light trap), 24.viii.1996, 1 ♂; Polanská niva (floodplain forest, light trap), 8.ix.1996, 1 ♂ 1 ♀, both Ševčík lgt., JB det. et coll.

Phytocoris* (*Phytocoris*) *tiliae tiliae (Fabricius, 1777). Oderský luh (floodplain forest), 29.vii.1999, 1 ♀, JB.

Pinalitus cervinus (Herrich-Schaeffer, 1841). Oderský luh (shore growth), 23.vi.1999, 1 ♀, JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♂ 1 ♀; Odra-Malý les (wood), 5.vii.2000, 1 ♂, both PK.

Pinalitus rubricatus (Fallén, 1807). Jeseník nad Odrou (village, on *Picea abies*), 5.vii.2000, 3 ♂♂ 2 ♀♀; Odra-Malý les (wood: *Picea abies*), 5.vii.2000, 1 ♂ 1 ♀, both PK.

Polymerus* (*Poeciloscytus*) *palustris (Reuter, 1907). Oderský luh (floodplain meadow), 31.vii.1995, 1 ♂; Oderský luh (floodplain meadow), 1.ix.1999, 1 ♂, both JB; Oderský luh (floodplain meadow), 24.viii.2000, 1 ♀, PK lgt., JB det. et coll.

Polymerus* (*Poeciloscytus*) *unifasciatus (Fabricius, 1794). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀, JB.

Polymerus* (*Poeciloscytus*) *vulneratus (Panzer, 1806). Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂, PK.

Polymerus* (*Polymerus*) *holosericeus Hahn, 1831. Košatka (shore growth), 2.ix.1999, 1 ♀; Oderský luh (floodplain meadow), 1.ix.1999, 1 ♀, both JB; Studénka (village: lawn with *Galium*), 24.viii.2000, 1 ♀, PK.

Polymerus* (*Polymerus*) *nigrita (Fallén, 1807). Studénka (shore growth), 23.vi.1999, 1 ♀, JB; Košatka (cultural meadow), 21.vi.1994, 2 ♂♂, Roháčová lgt. et det., coll. Beskydy Museum.

Rhabdomiris striatellus striatellus (Fabricius, 1794). Oderský luh (scattered trees), 29.v.1999, 1 ♂, JB.

Stenotus binotatus (Fabricius, 1794). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♂; Kunín (field margin), 24.vi.1999, 1 ♀; Oderský luh (shore growth), 23.vi.1999, 3 ♂♂ 2 ♀♀; Odra-Malý les (wood margin), 28.vii.1999, 2 ♀♀, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♀; Odra-Malý les (floodplain meadow), 2 ♂♂ 4 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀, all PK; Košatka (floodplain meadow), 20.vi.1990, 2 ♂♂, Polášek lgt.; Košatka (cultural meadow), 21.vi.1994, 1 ♂ 1 ♀, Roháčová lgt.; Ostrava-Zábřeh (river bank), 7.vii.1991, 2 ♂♂ 7 ♀♀, Roháčová lgt.; Ostrava-Zábřeh (river bank), 17.ix.1991, 1 ♂ 4 ♀♀, Roháčová lgt., all Roháčová det., coll. Beskydy Museum.

Stenodemini

Leptopterna dolobrata (Linnaeus, 1758). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂; Kunín (field margin), 24.vi.1999, 2 ♂♂; Studénka (cultural meadow), 21.vi.1997, 1 ♂ 1 ♀, all JB; Košatka (no details), 20.vi.1990, 2 ♂♂, Polášek lgt.; Ostrava-Zábřeh (shore growth), 7.vii.1991, 3 ♂♂ 3 ♀♀, Roháčová lgt., both Roháčová det., coll. Beskydy Museum.

Megaloceroea recticornis (Geoffroy, 1785). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 2 ♂♂ 1 ♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (field margin and loam pit: ruderal vegetation), 24.vi.1999, 4 ♂ 3 ♀♀; Oderský luh (shore growth), 23.vi.1999, 2 ♂♂; Studénka (cultural meadow), 21.vi.1997, 1 ♂, all JB; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1♀, both PK; Košatka (no details), 20.vi.1990, 1 ♀, Polášek lgt., Roháčová det., coll. Beskydy Museum.

Notostira erratica (Linnaeus, 1758). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 2 ♂♂ 1 ♀; Košatka (shore growth), 2.ix.1999, 1 ♀; Kunín (field margin), 24.vi.1999, 1 ♂; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 4 ♂♂ 1 ♀; Oderský luh (floodplain meadow), 1.ix.1999, 5 ♂♂ 2 ♀♀; Oderský luh (floodplain meadow), 8.x.1999, 1 ♂ 3 ♀♀; Pustějov (cultural meadow), 8.x.1999, 3 ♂♂ 5 ♀♀; Studénka (cultural meadow), 2.ix.1999, 1 ♂ 2 ♀♀, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 3 ♂♂ 1 ♀; Jeseník nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♂♂; Oderský luh (floodplain meadow), 24.viii.2000, 3 ♀♀; Odra-Malý les (floodplain meadow), 7 ♂♂ 3 ♀♀; Studénka (village: ruderal vegetation), 24.viii.2000, 4 ♂♂ 4 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 8 ♂♂ 3 ♀♀, 24.viii.2000, 4 ♂♂ 7 ♀♀, all PK; Kunín (loam pit: ruderal vegetation), 24.ix.1998, 1 ♂, Roháčová lgt. et det., coll. Beskydy Museum; Polanka nad Odrou (shore growth), 4.viii.1999, 1 ♀, Mantič lgt. et coll., JB det.

Pithanus maerkelii (Herrich-Schaeffer, 1838). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀, JB.

Stenodema* (*Brachystira*) *calcarata (Fallén, 1807). Kunín (loam pit: ruderal vegetation), 24.vi.1999, 3 ♀♀; Oderský luh (floodplain meadow), 28.iv.1996, 1 spec., 29.vii.1999, 1 ♀, 1.ix.1999, 3 ♂♂; Oderský luh (swamp), 8.x.1999, 1 ♂; Odra-Malý les (wood), 28.vii.1999, 1 ♀; Studénka (shore growth), 2.ix.1999, 1 ♂, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 2 ♂♂ 8 ♀♀; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 2 ♀♀; Odra-

Malý les (floodplain meadow), 5.vii.2000, 3 ♂♂, all PK; Košatka (cultural meadow), 20.vi.1990, 2 ♂♂, Polášek lgt., 21.vi.1994, 1 ♂, Roháčová lgt., both Roháčová det., coll. Beskydy Museum.

Stenodema* (*Stenodema*) *laevigata (Linnaeus, 1758). Odra-Malý les (wood), 28.vii.1999, 2 ♂♂ 2 ♀♀; Studénka (no details), 31.vii.1995, 2 spec., both JB.

Stenodema* (*Stenodema*) *virens (Linnaeus, 1767). Polanská niva (floodplain forest, light trap), 24.viii.1996, 1 ♂, Ševčík lgt., JB det. et coll.

Teratocoris antennatus (Boheman, 1852). Oderský luh (floodplain meadow and swamp), 29.vii.1999, 4 ♀♀; Oderský luh (dry pool on floodplain meadow), 1.ix.1999, 1 ♂ 1 ♀, both JB.

Trigonotylus caelestialium (Kirkaldy, 1902). Jistebník (floodplain meadow), 29.vii.1999, 3 ♂♂; Košatka (shore growth), 2.ix.1999, 1 ♂; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♂; Oderský luh (floodplain meadow), 1.ix.1999, 4 ♂♂ 2 ♀♀; Oderský luh (swamp), 29.vii.1999, 1 ♂, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 4 ♂♂ 8 ♀♀; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 2 ♀♀; Odra-Malý les (floodplain meadow), 5.vii.2000, 9 ♂♂ 3 ♀♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 3 ♂♂ 19 ♀♀, all PK; Polanka nad Odrou (shore growth), 4.viii.1999, 1 ♀, Mantič lgt et coll., JB det.

Orthotylinae: Halticini

Halticus apterus apterus (Linnaeus, 1758). Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 2 ♂♂ (brach.), PK.

Orthocephalus coriaceus (Fabricius, 1777). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 9 ♂♂ 15 ♀♀, JB; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 4 ♀♀, PK; Ostrava-Poruba (ruderal vegetation), 17.vi.1999, 1 ♂, Mantič lgt. et coll., JB det.

Orthotylini

Blepharidopterus angulatus (Fallén, 1807). Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (alley and scattered trees), 24.vi.1999, 1 ♂ 2 ♀; Oderský luh (floodplain forest), 29.vii.1999, 1 ♀; Oderský luh (shore growth), 23.vi.1999, 2 ♀♀, 8.x.1999, 1 ♀, all JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♀; Odra-Malý les (shore growth), 5.vii.2000, 3 ♂♂ 1 ♀, both PK.

Cyllecoris histrionicus (Linnaeus, 1767). Oderský luh (floodplain forest), 3.vi.1996, 2 spec.; Oderský luh (scattered trees), 29.v.1999, 1 ♂ 2 ♀♀, both JB.

Dryophilocoris* (*Dryophilocoris*) *flavoquadrimaculatus (De Geer, 1773). Oderský luh (floodplain forest), 3.vi.1999, 3 spec.; Oderský luh (scattered trees), 29.v.1999, 2 ♀♀, both JB.

Globiceps* (*Kelidocoris*) *flavomaculatus (Fabricius, 1794). Odra-Malý les (wood margin), 28.vii.1999, 2 ♀♀ (brach.), JB; Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♀ (brach.), PK.

Malacocoris chlorizans (Panzer, 1794). Suchdol nad Odrou (railway station: *Tilia*), 24.viii.2000, 1 ♀, PK.

Orthotylus* (*Melanotrichus*) *flavosparsus (C. R. Sahlberg, 1841). Kunín (field margin and loam pit: ruderal vegetation), 24.vi.1999, 1 ♂ 8 ♀♀, JB; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂; Studénka (railway station: ruderal vegetation), 24.viii.2000, 2 ♂♂ 4 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂, all PK.

Orthotylus* (*Orthotylus*) *interpositus Schmidt, 1938. Oderský luh (no details), 31.vii.1995, 1 ♀, JB.

Orthotylus* (*Orthotylus*) *marginalis Reuter, 1883. Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 2 ♂♂ 1 ♀, both JB; Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂ 1 ♀; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 2 ♀♀; Odra-Malý les (shore growth), 5.vii.2000, 1 ♂, all PK.

Orthotylus* (*Orthotylus*) *nassatus (Fabricius, 1787). Suchdol nad Odrou (railway station: *Tilia*), 24.viii.2000, 1 ♀, PK.

Orthotylus* (*Orthotylus*) *tenellus (Fallén, 1807). Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♀, JB.

Orthotylus* (*Orthotylus*) *viridinervis (Kirschbaum, 1856). Kunín (park, scattered trees), 24.vi.1999, 1 ♂, JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♂, PK.

Orthotylus* (*Pseudorthotylus*) *bilineatus Fallén, 1807. Suchdol nad Odrou (shore growth: *Populus tremula*), 5.vii.2000, 2 ♀♀, PK.

Phylinae: Pilophorini

Pilophorus cinnamopterus (Kirschbaum, 1856). Suchdol nad Odrou (railway station: *Pinus nigra*), 24.viii.2000, 1 ♀, PK.

Pilophorus clavatus (Linnaeus, 1767). Jistebník (shore growth), 29.vii.1999, 1 ♀, JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♂; Suchdol nad Odrou (shore growth: *Populus tremula*), 5.vii.2000, 1 ♀, both PK.

Pilophorus perplexus Douglas et Scott, 1875. Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♀, JB; Suchdol nad Odrou (railway station: *Tilia*), 24.viii.2000, 1 ♀, PK.

Phylini

Amblytylus nasutus (Kirschbaum, 1856). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀; Kunín (field margin and loam pit: ruderal vegetation), 24.vi.1999, 5 ♂♂ 1 ♀; Oderský luh (shore growth), 23.vi.1999, 1 ♂ 1 ♀, all JB; Ostrava-Zábřeh (shore growth), 7.vii.1991, 2 ♂♂, 17.ix.1991, 1 ♂, both Roháčová lgt. et det., coll. Beskydy Museum.

Atractotomus magnicornis (Fallén, 1807). Jeseník nad Odrou (village: *Picea abies*), 5.vii.2000, 7 ♀♀; Odra-Malý les (wood), 5.vii.2000, 3 ♀♀; Suchdol nad Odrou (railway station: *Picea abies*), 5.vii.2000, 2 ♀♀, all PK.

Campylomma annulicorne (Signoret, 1865). Jeseník nad Odrou (village: *Salix*), 5.vii.2000, 1 ♂; Odra-Malý les (shore growth: *Salix*), 5.vii.2000, 1 ♂ 2 ♀♀, both PK.

Chlamydatus* (*Euattus*) *pulicarius (Fallén, 1807). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 1 ♀, JB; Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♂ 4 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 3 ♀♀, 24.viii.2000, 4 ♂♂ 2 ♀♀, all PK.

Chlamydatus* (*Euattus*) *pullus (Reuter, 1870). Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♂ 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 3 ♂♂ 2 ♀♀, both PK.

Compsidolon* (*Coniortodes*) *salicellum (Herrich-Schaeffer, 1841). Odra-Malý les (shore growth), 5.vii.2000, 1 ♂, PK.

Criocoris crassicornis (Hahn, 1834). Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 3 ♀♀, PK.

Europiella artemisiae (Becker, 1864). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 2 ♂♂ 1 ♀; Kunín (field margin and loam pit: ruderal vegetation), 24.vi.1999, 2 ♂♂ 6 ♀♀; Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♀, all JB; Studénka (railway station: ruderal vegetation), 24.viii.2000, 5 ♂♂ 3 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 3 ♂♂ 7 ♀♀, 24.viii.2000, 1 ♂ 1 ♀, all PK; Ostrava-Poruba (ruderal vegetation), 25.vi.1999, 1 ♂, Mantič lgt. et coll., JB det.

Harpocera thoracica (Fallén, 1807). Košatka (floodplain meadow), 21.vi.1994, 2 ♂♂, Roháčová lgt. et det., coll. Beskydy Museum; Studénka (shore growth), 30.iv.2000, 1 ♂, Ševčík lgt., JB det. et coll.

Lopus decolor decolor (Fallén, 1807). Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♀, PK.

Megalocoleus molliculus (Fallén, 1807). Odra-Malý les (wood), 28.vii.1999, 1 ♀, JB; Suchdol nad Odrou (field margin and railway station: ruderal vegetation), 5.vii.2000, 3 ♂♂ 4 ♀♀, PK.

Megalocoleus tanaceti (Fallén, 1807). Polanka nad Odrou (shore growth), 29.vii.1999, 2 ♂♂ 7 ♀♀, JB; Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 3 ♂♂ 5 ♀♀, PK.

Monosynamma bohemanni (Fallén, 1829). Bernartice nad Odrou (shore growth), 28.vii.1999, 1 ♂; Jeseník nad Odrou (shore growth), 24.vi.1999, 2 ♂♂ 1 ♀; Oderský luh (shore growth), 29.vii.1999, 1 ♀; Polanka nad Odrou (Polanský les: shore growth), 29.vii.1999, 1 ♂, all JB; Polanka nad Odrou (shore growth), 4.viii.1999, 1 ♂, Mantič lgt. et coll., JB det.

Oncotylus punctipes Reuter, 1875. Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 5 ♀♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 3 ♂♂ 5 ♀♀; Polanka nad Odrou (shore growth), 29.vii.1999, 2 ♂♂ 1 ♀; Studénka (no details), 31.vii.1995, 1 spec., all JB; Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 2 ♂♂ 5 ♀♀, PK.

Orthonotus rufifrons (Fallén, 1807). Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♂ 1 ♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 4 ♂♂ 1 ♀; Oderský luh (shore growth), 23.vi.1999, 3 ♂♂ 6 ♀♀, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♀; Odra-Malý les (wood), 5.vii.2000, 1 ♂ 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀, all PK.

Parapsallus vitellinus (Scholtz, 1847). Jeseník nad Odrou (village: *Picea abies*), 5.vii.2000, 1 ♀, PK.

Phylus (Phylus) melanocephalus (Linnaeus, 1767). Bernartice nad Odrou (sand pit: scattered trees), 24.vi.1999, 1 ♀; Oderský luh (shore growth), 23.vi.1999, 1 ♀; Oderský luh (scattered trees), 29.v.1999, 1 ♂, all JB.

Plagiognathus (Plagiognathus) arbustorum arbustorum (Fabricius, 1794). Bernartice nad Odrou (field margin and sand pit: ruderal vegetation), 28.vii.1999, 1 ♂ 5 ♀♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 2 ♂♂ 1 ♀; Jistebník (floodplain meadow), 29.vii.1999, 2 ♀♀; Kunín (alley and field margin and loam pit: ruderal vegetation), 24.vi.1999, 5 ♂♂; Oderský luh (floodplain meadow), 29.vii.1999, 1 ♂; Polanka nad Odrou (shore growth), 29.vii.1999, 2 ♀♀; Studénka (shore growth), 24.vi.1999, 4 ♂♂ 1 ♀, all JB; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 4 ♂♂ 4 ♀♀; Jeseník nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 3 ♀♀; Odra-Malý les (floodplain meadow), 5.vii.2000, 7 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 3 ♀♀, all PK; Košatka (floodplain meadow), 20.vi.1990, 4 ♂♂ 5 ♀♀, Polášek lgt., Roháčová det., coll. Beskydy Museum.

Plagiognathus* (*Plagiognathus*) *chrysanthemi (Wolff, 1804). Bernartice nad Odrou (sand pit: ruderal vegetation), 24.vi.1999, 5 ♂♂ 2 ♀♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 9 ♂♂ 6 ♀♀; Odra-Malý les (wood), 28.vii.1999, 1 ♂; Studénka (ruderal vegetation), 29.vii.1999, 1 ♀, all JB; Jeseník nad Odrou (village: ruderal vegetation), 1 ♂ 4 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 8 ♂♂ 18 ♀♀, 24.viii.2000, 1 ♀, all PK.

Psallus* (*Apocremnus*) *betuleti betuleti (Fallén, 1829). Jeseník nad Odrou (village: *Betula*), 5.vii.2000, 1 ♀, PK.

Psallus* (*Hylopsallus*) *variabilis (Fallén, 1807). Oderský luh (shore growth), 21.vi.1997, 1 ♂; Oderský luh (scattered trees), 29.v.1999, 5 ♂♂, both JB.

Psallus* (*Pityopsallus*)** cf. ***luridus Reuter, 1878. Jeseník nad Odrou (village: *Picea abies*), 5.vii.2000, 4 ♀♀, PK.

Psallus* (*Pityopsallus*) *vittatus (Fieber, 1861). Jeseník nad Odrou (village: *Larix decidua*), 8 ♂♂ 9 ♀♀, PK.

Psallus* (*Psallus*) *flavellus Stichel, 1933. Bernartice nad Odrou (shore growth), 24.vi.1999, 1 ♂ 2 ♀♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂ 4 ♀♀; Oderský luh (floodplain forest), 29.vii.1999, 1 ♀; Oderský luh (shore growth), 23.vi.1999, 1 ♂ 3 ♀♀, all JB.

Psallus* (*Psallus*) *haematodes (Gmelin, 1788). Bernartice nad Odrou (shore growth), 28.vii.1999, 1 ♂, JB; Odra-Malý les (shore growth: *Salix*), 5.vii.2000, 1 ♂, PK.

Psallus* (*Psallus*) *mollis (Mulsant et Rey, 1852). Bernartice nad Odrou (sand pit: scattered trees), 24.vi.1999, 2 ♀♀; Oderský luh (shore growth), 23.vi.1999, 1 ♀, both JB.

Nabidae: Nabinae: N a b i n i

Himacerus* (*Aptus*) *mirmicoides (O. Costa, 1834). Jeseník nad Odrou (village), 5.vii.2000, 2 L; Suchdol nad Odrou (railway station), 5.vii.2000, 2 L, both PK; Ostrava-Poruba (wood, sifting), 19.xii.1999, 1 ♀ (brach.), Mantič lgt. et coll., PK det.

Himacerus* (*Himacerus*) *apterus (Fabricius, 1798). Oderský luh (floodplain forest), 31.vii.1995, 1 ♂, JB; Jistebník (shore growth), 29.vii.1999, 1 ♂ 1 ♀ (brach.); Oderský luh (floodplain forest), 29.vii.1999, 1 ♀ (brach.); Polanka nad Odrou (Polanský les floodplain forest), 29.vii.1999, 2 ♀♀ (brach.), all JB lgt., PK det. et coll.; Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂ (brach.) 1 L; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 2 ♂♂ 1 ♀ (brach.); Oderský luh (floodplain forest), 1.ix.1999, 1 ♂ (brach.); Suchdol nad Odrou (railway station: leafy trees), 5.vii.2000, 1 ♂ (brach.); Suchdol nad Odrou (railway station: *Tilia*), 1 ♀ (brach.), all PK.

Nabis* (*Dolichonabis*) *limbatus Dahlbom, 1851. Jistebník (shore growth), 29.vii.1999, 1 ♀ (micr.); Odra-Malý les (wood), 28.vii.1999, 2 ♀♀ (micr.), JB lgt., PK det. et coll.; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂ 1 ♀ (brach.); Kunín (field margin: ruderal vegetation), 24.vi.1999, 1 ♂ (micr.); Oderský luh (floodplain meadow), 1 ♀ (micr.); Studénka (village: shore growth), 24.viii.2000, 1 ♀ (micr.); Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀ (micr.), all PK.

Nabis* (*Nabicula*) *flavomarginatus (Scholtz, 1847). Oderský luh (floodplain meadow), 24.viii.2000, 2 ♀♀ (brach.), PK.

Nabis* (*Nabis*) *brevis brevis Scholtz, 1847. Oderský luh (floodplain meadow and forest), 29.vii.1999, JB lgt., PK det. et coll.; Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♀; Oderský luh (floodplain meadow), 8.x.1999, 2 ♂♂

1 ♀; Odra-Malý les (wood), 24.vi.1999, 2 ♀♀; Studénka (floodplain meadow), 2.ix.1999, 1 ♂ 1 ♀; Studénka (railway station: ruderal vegetation), 24.viii.2000, 3 ♂♂; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 1 ♂ 1 ♀, all PK.

Nabis* (*Nabis*) *ferus (Linnaeus, 1758). Oderský luh (floodplain meadow and forest), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 2 ♀♀; Oderský luh (floodplain meadow), 2.ix.1999, 1 ♀; Oderský luh (floodplain meadow), 8.ix.1999, 2 ♀♀; Oderský luh (floodplain meadow), 24.viii.2000, 7 ♂♂; Oderský luh (shore growth), 23.vi.1999, 1 ♂; Odra-Malý les (floodplain meadow), 5.vii.2000, 1 ♂ 3 ♀♀; Polanská niva (floodplain meadow), 9.x.1999, 1 ♂ 1 ♀; Pustějov (floodplain meadow), 8.x.1999, 2 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 4 ♀♀, all PK; Košatka (floodplain meadow), 20.vi.1990, 2 ♂♂, Polášek lgt., Roháčová det., coll. Beskydy Museum.

Nabis* (*Nabis*) *pseudoferus pseudoferus Remane, 1949. Oderský luh (floodplain forest), 28.iv.1996, 1 ♂ 2 ♀♀; Oderský luh (floodplain forest), 3.vi.1996, 1 ♀; Oderský luh (floodplain forest), 29.ix.1996, 2 ♂♂, all JB; Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 2 ♂♂ 1 ♀; Košatka (shore growth), 2.ix.1999, 2 ♂♂ 1 ♀; Kunín (ruderal vegetation), 24.vi.1999, 2 ♀♀; Oderský luh (floodplain forest and meadow), 1.ix.1999, 2 ♂ 1 ♀; Oderský luh (floodplain meadow), 8.x.1999, 1 ♂ 4 ♀♀, 24.viii.2000, 3 ♂♂ 6 ♀♀; Odra-Malý les (floodplain meadow and wood), 5.vii.2000, 1 ♀; Polanská niva (floodplain meadow and forest), 9.x.1999, 3 ♂♂ 3 ♀♀, Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♂♂, all PK; Kunín (loam pit: ruderal vegetation), 24.ix.1998, 1 ♀, Roháčová lgt. et det., coll. Beskydy Museum; Ostrava-Poruba (wood, sifting), 19.xii.1998, 2 ♀♀, 30.i.2000, 1 ♀; Polanka nad Odrou (floodplain forest, sifting), 9.i.2000, 1 ♂, all Mantič lgt. et coll., PK det.

Nabis* (*Nabis*) *punctatus punctatus A. Costa, 1847. Oderský luh (floodplain meadow), 24.viii.2000, 1 ♀, PK.

Nabis* (*Nabis*) *rugosus (Linnaeus, 1758). Odra-Malý les (wood), 28.vii.1999, 1 ♀, JB lgt., PK det. et coll.

Anthocoridae: Anthocorinae: A n t h o c o r i n i

Anthocoris confusus Reuter, 1884. Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂; Jeseník nad Odrou (village: leafy trees), 24.viii.2000, 1 ♀, both PK.

Anthocoris limbatus Fieber, 1836. Polanka nad Odrou (Odra river: shore growth), 4.viii.1999, 1 ♀, Mantič lgt. et coll., PK det.

Anthocoris nemoralis (Fabricius, 1794). Oderský luh (no details), 8.x.1999, 1 ♀, JB; Jistebník (shore growth), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂ 1 ♀; Odra-Malý les (wood), 5.vii.2000, 1 ♀, both PK.

Anthocoris nemorum (Linnaeus, 1761). Oderský luh (flodplain meadow and forest), 29.vii.1999, 2 ♂♂ 2 ♀♀; Polanka nad Odrou (shore growth), 29.vii.1999, 2 ♀♀, both JB lgt., PK det. et coll.; Bernatice (floodplain meadow), 5.vii.2000, 2 ♂♂ 3 ♀♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 2 ♀♀; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂ 1 ♀; Odra-Malý les (wood), 5.vii.2000, 2 ♂♂ 3 ♀♀; Oderský luh (shore growth), 24.viii.2000, 1 ♀; Polanská niva (floodplain forest), 9.x.1999, 1 ♀; Studénka (shore growth), 23.vi.1999, 2 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀, all PK; Ostrava-Zábřeh (shore growth), 17.ix.1991, 1 ♂, Roháčová lgt. et det., coll. Beskydy Museum; Ostrava-Poruba

(sand pit, sifting), 19.xii.1998, 1 ♀; Ostrava-Poruba (floodplain forest, sifting), 1.i.1999, 1 ♀; Ostrava-Poruba (shore growth), 4.viii.1999, 2 ♀♀; Ostrava-Poruba (wood, sifting), 4.xii.1999, 1 ♀; Polanka nad Odrou (floodplain forest, sifting), 13.ii.2000, 1 ♀, Mantič lgt. et coll., PK det.; Studénka (shore growth), 30.iv.2000, 1 ♀, Ševčík lgt., PK det. et coll.

Tetraphleps bicuspis (Herrich-Schaeffer, 1835). Jeseník nad Odrou (village, on *Larix decidua*), 5.vii.2000, 1 ♂, PK.

Oriini

Orius* (*Heterorius*) *majusculus (Reuter, 1879). Oderský luh (floodplain meadow and forest), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Jeseník nad Odrou (shore growth), 24.vi.1999, 1 ♂; Jeseník nad Odrou (village: shore growth), 5.vii.2000, 1 ♂ 1 ♀; Kunín (field margin and loam pit: ruderal vegetation), 24.vi.1999, 2 ♀; Oderský luh (floodplain meadow), 24.viii.2000, 1 ♂ 3 ♀♀; Odra-Malý les (shore growth), 5.vii.2000, 1 ♀; Pustějov (shore growth: under withered bark of *Salix*), 8.x.1999, 1 ♂ 9 ♀♀; Studénka (village: shore growth), 24.viii.2000, 1 ♂ 1♀, all PK.

Orius* (*Heterorius*) *minutus (Linnaeus, 1758)[1]. Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♂, JB lgt., PK det. et coll; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂; Odra-Malý les (wood), 5.vii.2000, 1 ♂; Studénka (railway station: ruderal vegetation), 24.viii.2000, 2 ♂♂, all. PK.

Orius* (*Heterorius*) *vicinus (Ribaut, 1923)[1]. Jistebník (shore growth), 29.vii.1999, 1 ♂, JB lgt., PK det. et. coll.; Odra-Malý les (wood), 5.vii.2000, 1 ♂, PK.

Orius* (*Orius*) *niger (Wolff, 1811). Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (field margin), 24.vi.1999, 1 ♂; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 4 ♀♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♀, 8.x.1999, 1 ♀; Pustějov (floodplain meadow), 8.x.1999, 5 ♀♀; Studénka (railway station: ruderal ve-getation), 24.viii.2000, 1 ♂ 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 1 ♀, all PK.

Lyctocorinae: Xylocorini

Xylocoris* (*Proxylocoris*) *galactinus (Fieber, 1836). Polanka nad Odrou (sifting of mouldy hay), 26.xii.1997, 1 ♀; Ostrava-Poruba (sifting of mouldy hay), 4.xii.1999, 1 ♀, both Mantič lgt. et coll., PK det.

Reduviidae: Stenopodainae

Pygolampis bidentata (Goeze, 1778).
Published record: Ostrava-Zábřeh (Stehlík & Vavřínová 1997).

PENTATOMOMORPHA

Lygaeidae: Orsillinae

Nithecus jacobaeae (Schilling, 1829). Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂ (macr.), PK.

[1] Females of *Orius minutus* / *O. vicinus* have been excluded from the survey of the material studied due to its difficult distinguishability.

Nysius senecionis senecionis (Schilling, 1829). Studénka (railway station: ruderal vegetation), 24.viii.2000, 1 ♂, PK.

Nysius thymi (Wolff, 1804). Studénka (railway station: ruderal vegetation), 24.viii.2000, 3 ♂♂ 9 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 9 ♂♂ 2 ♀♀, 24.viii.2000, 9 ♂♂ 3 ♀♀, all PK.

Published record: Ostrava-Stará Bělá (Dobšík 1982).

Orsillus depressus Dallas, 1852. Jeseník nad Odrou (village: *Thuja*), 5.vii.2000, 2 L, PK.

Ischnorhynchinae

Kleidocerys resedae (Panzer, 1797). Odra-Malý les (wood), 28.vii.1999, 2 ♂♂, JB lgt., PK det. et coll.; Jeseník nad Odrou (village: *Betula*), 5.vii.2000, 2 ♀♀; Jeseník nad Odrou (shore growth), 24.vi.1999, 4 ♀♀; Kunín (alley), 24.vi.1999, 1 ♂ 1 ♀; Odra-Malý les (wood), 24.vi.1999, 1 ♂, Odra-Malý les (wood), 5.vii.2000, 1 ♀; Studénka (village: *Betula*), 24.viii.2000, 9 ♂♂ 9 ♀♀ 3 L; Suchdol nad Odrou (railway station), 5.vii.2000, 2 ♀♀, all PK; Košatka (meadow), 21.vi.1994, 1 ♂, Roháčová lgt. et det., coll. Beskydy Museum; Ostrava-Poruba (wood, sifting), 19.xii.1998, 1 ♂, Mantič lgt. et coll., PK det.

Published record: Studénka (Dobšík 1982).

Cyminae: C y m i n i

Cymus aurescens Distant, 1883. Ostrava-Poruba (wood and floodplain meadow, sifting), 1.i.1998, 1 ♂ 1 ♀, Mantič lgt. et coll., PK det.

Published record: Studénka (Dobšík 1982).

Cymus claviculus (Fallén, 1807). Ostrava-Poruba (wood, sifting), 5.ix.1998, 1 ♀, Mantič lgt. et coll., PK det.

Cymus glandicolor Hahn, 1831. Oderský luh (floodplain meadow), 3.vi.1996, 2 ♀♀, JB; Ostrava-Poruba (floodplain meadow, sifting), 27.iv.1998, 1 ♂; Polanka nad Odrou (floodplain meadow), 30.v.1999, 1 ♀, both Mantič lgt. et coll., PK det.

Published records: Bartošovice, Odry (Dobšík 1982).

Cymus melanocephalus Fieber, 1861. Odra-Malý les (wood clearing: *Juncus effusus*), 24.vi.1999, 2 ♂♂ 8 ♀♀, PK; Ostrava-Poruba (ruderal vegetation), 7.vi.1999, 1 ♀, Mantič lgt. et coll., PK det.

Blissinae

Ischnodemus sabuleti (Fallén, 1829). Oderský luh (pond shore: in detritus), 28.iv.1996, 2 ♀♀; Oderský luh (floodplain meadow), 3.vi.1996, 1 ♂ 1 ♀, both JB; Jistebník (shore growth), 29.vii.1999, 1 ♀ (micr.), JB lgt., PK det. et coll.; Oderský luh (shore growth: *Glyceria aquatica*), 24.viii.2000, 3 ♂♂ 1 ♀ (micr.); Pustějov (shore growth), 8.x.1999, 2 ♂♂ 4 ♀♀ (micr.), both PK; Polanka nad Odrou (swamp, sifting), 1.i.1999, 2 ♀♀ (micr.); Polanka nad Odrou (pond: in water), 24.v.1999, 1 ♂ (macr.), both Mantič lgt. et coll., PK det.

Artheneinae: Artheneini

Chilacis typhae (Perris, 1857). Odra-Malý les (swamp: *Typha angustifolia*), 5.vii.2000, 4 ♂♂ 6 ♀♀ 18 L; Studénka (swamp by Horní rybník pond: *Typha latifolia*), 24.viii.2000, 9 ♂♂ 5 ♀♀, both PK.

Heterogastrinae

Heterogaster urticae (Fabricius, 1775). Kunín (field margin with *Urtica dioica*), 24.vi.1999, 1 ♂, PK.

Rhyparochrominae: Drymini

Drymus (Sylvadrymus) brunneus brunneus (Sahlberg, 1848). Ostrava-Poruba (wood, sifting), 4.xii.1999, 1 ♂ 1 ♀, Mantič lgt. et coll., PK det.

Drymus (Sylvadrymus) ryeii Douglas et Scott, 1865. Ostrava-Poruba (wood, sifting), 19.xii.1998, 1 ♂, 4.xii.1999, 1 ♂, 30.i.2000, 1 ♀, all Mantič lgt. et coll., PK det.

Eremocoris fenestratus (Herrich-Schaeffer, 1839). Ostrava-Poruba (wood, sifting), 4.xii.1999, 1 ♂, Mantič lgt. et coll., PK det.

Gastrodes abietum Bergroth, 1914. Pustějov (floodplain meadows: sweeping on *Prunus spinosa*), 8.x.1999, 1 ♀, PK.

Gastrodes grossipes grossipes (De Geer, 1773). Jeseník nad Odrou (village: *Larix decidua*), 5.vii.2000, 4 ♂♂ 2 ♀♀, PK.

Scolopostethus affinis (Schilling, 1829). Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂ (brach.); Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ (brach.), both PK.

Scolopostethus pictus (Schilling, 1829). Oderský luh (pond shore: in detritus), 28.iv.1996, 1 ♂, JB; Pustějov (shore growth: under withered bark of *Salix*), 8.x.1999, 1 ♀, PK.

Scolopostethus thomsoni Reuter, 1874. Oderský luh (pond shore: in detritus), 28.iv.1996, 1 ♂ 1 ♀, JB; Bernartice nad Odrou (field margin), 24.vi.1999, 2 ♂♂ 3 ♀♀ (brach.); Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♀ (brach.); Košatka (shore growth), 2.ix.1999, 1 ♂ 1 ♀ (brach.); Kunín (field margin), 24.vi.1999, 3 ♂♂ 1 ♀ (brach.); Oderský luh (shore growth), 23.vi.1999, 3 ♂♂ (brach.), 24.viii.2000, 2 ♀♀ (brach.); Odra-Malý les (shore growth), 5.vii.2000, 1 ♀ (brach.); Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♂ 2 ♀♀ (brach.), all PK; Ostrava-Zábřeh (shore growth), 7.vii.1991, 2 ♀♀, Roháčová lgt. et det., coll. Beskydy Museum; Ostrava-Poruba (wood, sifting), 4.xii.1999, 2 ♂♂ 1 ♀ (brach.); Polanka nad Odrou (floodplain meadow), 6.xi.1999, 1 ♂ (brach.), both Mantič lgt. et coll., PK det.

Myodochini

Pachybrachius fracticollis (Schilling, 1829). Studénka (floodplain meadow), 3.vi.1996, 1 ♂ 3 ♀♀, JB.

Stygnocorini

Stygnocoris rusticus (Fallén, 1807). Kunín (loam pit: ruderal vegetation), 8.x.1999, 1 ♀ (brach.), PK.
Published record: Ostrava-Poruba (Dobšík 1982).

Piesmatidae

Piesma maculatum (Laporte, 1832). Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♂ 1 ♀; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♀; Pustějov (floodplain meadow), 8.x.1999, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 1 ♀, all PK; Ostrava-Poruba (wood, sifting), 5.ix.1998, 1 ♀, Mantič lgt. et coll., PK det.
Published record: Ostrava-Poruba (Dobšík 1982).

Berytidae: Metacanthinae: Metatropini

Metatropis rufescens (Herrich-Schaeffer, 1835). Oderský luh (floodplain forest: *Circea lutetiana*), 24.viii.2000, 1 ♂ 1 L; Odra-Malý les (wood: *Circea lutetiana*), 5.vii.2000, 1 ♀, both PK.

Pyrrhocoridae

Pyrrhocoris apterus (Linnaeus, 1758). Jeseník nad Odrou (shore growth, under *Tilia*), 24.vi.1999, 1 ♂ (numerous spec. observ.); Jeseník nad Odrou (village: under *Tilia*), 5.vii.2000, several spec. (observ.); Odra-Malý les (wood clearing), 5.vii.2000, 1 ♀ (brach.); Studénka (railway station: sweeping on *Tilia*), 24.viii.2000, 6 ♂♂ 9 ♀♀ (brach.); Studénka (village, under *Tilia*), 7.x.1999, 1 ♀ (numerous spec. observ.); Suchdol nad Odrou (village: under *Tilia*), 5.vii.2000, several spec. (observ.); Suchdol nad Odrou (railway station: sweeping on *Tilia*), 3 ♀♀ (brach.), all PK.

Alydidae

Alydus calcaratus (Linnaeus, 1758). Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♂, PK.

Coreidae: Coreinae

Coreus marginatus marginatus (Linnaeus, 1758). Oderský luh (floodplain meadow), 31.vii.1995, 1 ♂ 1 ♀, JB; Jeseník nad Odrou (village: ruderal vegetation), 5.vii.2000, 1 ♀; Jistebník (shore growth), 2.ix.1999, 1 ♀; Košatka (shore growth), 2.ix.1999, 1 ♂; Oderský luh (floodplain meadow), 8.x.1999, 1 ♂; Oderský luh (floodplain meadows), 24.viii.2000, 8 ♂♂ 7 ♀♀ 2 L; Polanská niva (floodplain meadow), 9.x.1999, 1 ♂; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 1 ♀, all PK; Jistebník (floodplain meadow), 21.vi.1994, 1 ♂ 1 ♀; Ostrava-Zábřeh (Odra river, shore growth), 17.ix.1991, 1 ♂ 1 ♀, both Roháčová lgt. et det., coll. Beskydy Museum.
Published record: Odry (Dobšík 1982).

Enoplops scapha (Fabricius, 1794). Suchdol nad Odrou (railway station: xerothermic vegetation: in detritus under *Echium vulgare*), 5.vii.2000, 1 ♀, PK.

Gonocerus juniperi (Herrich-Schaeffer, 1839). Jeseník nad Odrou (village: *Juniperus sinensis*), 5.vii.2000, 1 L, PK.

Rhopalidae: Rhopalinae: Rhopalini

Corizus hyoscyami hyoscyami (Linnaeus, 1758). Studénka (no details), 7.ix.1995, 1 ♀, JB; Jistebník (shore growth), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.
Published record: Odry (Dobšík 1982).

Maccevethini

Stictopleurus punctatonervosus (Goeze, 1778). Polanka nad Odrou (shore growth), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Kunín (loam pit: ruderal vegetation), 24.vi.1999, 1 ♀; Studénka (village: ruderal vegetation), 24.viii.2000, 1 ♀; Suchdol nad Odrou (railway station: ruderal vegetation), 5.vii.2000, 2 ♀♀; Suchdol nad Odrou (railway station: ruderal vegetation), 24.viii.2000, 1 ♂, all PK.

Plataspidae

Coptosoma scutellatum (Geoffroy, 1785). Suchdol nad Odrou (railway station: xerothermic vegetation), 5.vii.2000, 1 ♂ 1 ♀, PK.

Cydnidae: Sehirinae

Adomerus biguttatus (Linnaeus, 1758).
Published record: Suchdol nad Odrou (Hoberlandt 1944).

Pentatomidae: Asopinae

Arma custos (Fabricius, 1794). Oderský luh (shore growth), 3.vi.1996, 1 ♀; Oderský luh (swamp: *Alnus glutinosa*), 29.ix.1996, 2 ♀♀, both JB; Oderský luh (shore growth: *Alnus glutinosa*), 24.viii.2000, 1 ♀ (ex larva), PK.

Picromerus bidens bidens (Linnaeus, 1758). Oderský luh (floodplain forest), 1.x.1995, 1 ♂, JB; Odra-Malý les (wood), 28.vii.1999, 1 ♂, PK.

Pinthaeus sanguinipes (Fabricius, 1787). Oderský luh (swamp: *Alnus glutinosa*), 29.ix.1996, 1 ♂, JB.

Troilus luridus (Fabricius, 1775).
Published record: Polanka nad Odrou (Polanský les floodplain forest) (Dobšík 1972a).

Zicrona caerulea (Linnaeus, 1758). Oderský luh (floodplain meadow), 7.ix.1995, 1 ♂ 1 ♀; Oderský luh (floodplain meadow), 3.vi.1996, 1 ♂; Oderský luh (swamp: *Alnus glutinosa*), 29.ix.1996, 3 ♀♀, all JB.

Pentatominae: Carpocorini

Carpocoris purpureipennis (De Geer, 1773). Bernartice nad Odrou (field margin), 24.vi.1999, 1 ♀; Bernartice nad Odrou (floodplain meadow), 5.vii.2000, 1 ♂, PK.

Chlorochroa pinicola (Mulsant, 1852). Suchdol nad Odrou (railway station: *Pinus nigra*), 24.viii.2000, 1 ♂, PK.

Dolycoris baccarum (Linnaeus, 1758). Oderský luh (swamp: *Alnus glutinosa*), 29.ix.1996, 1 ♀, JB; Oderský luh (floodplain meadow and forest), 29.vii.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (floodplain meadows), 5.vii.2000, 1 ♂ 1 ♀, PK; Košatka (shore growth), 20.vi.1990, 1 ♂, Polášek lgt., Roháčová det., coll. Beskydy Museum.

Peribalus vernalis (Wolff, 1804). Studénka (ruderal vegetation), 29.vii.1999, 1 ♂, JB lgt., PK det. et coll.

Published record: Ostrava-Poruba (Dobšík 1982).

Palomena prasina (Linnaeus, 1761). Košatka (pool: in water), 21.vi.1997, 1 spec.; Studénka (no details), 7.ix.1995, 1 ♀, both JB; Oderský luh (floodplain meadow), 24.viii.2000, 1 ♀; Studénka (railway station: *Tilia*), 24.viii.2000, 2 ♂♂ 3 ♀♀; Suchdol nad Odrou (railway station: *Tilia*), 24.viii.2000, 3 ♂♂ 2 ♀♀, all PK; Polanka nad Odrou (floodplain forest, sifting), 9.i.2000, 1 ♂; Mantič lgt. et coll., PK det.; Suchdol nad Odrou (floodplain forest), 27.v.2000, 1 spec., Ševčík lgt., det. et coll., JB revid.

Eysarcorini

Eysarcoris aeneus (Scopoli, 1763). Polanka nad Odrou (no details), 25.viii.1971, 1 ♂ 4 ♀♀, Petřík lgt., Roháčová det., coll. Beskydy Museum.

Pentatomini

Pentatoma rufipes (Linnaeus, 1758). Oderský luh (swamp: *Alnus glutinosa*), 29.ix.1996, 1 ♀, JB; Bernartice nad Odrou (scattered trees: *Acer pseudoplatanus*), 5.vii.2000, 1 ♂ 1 ♀, PK; Polanka nad Odrou (no details), 30.vi.1981, 1 spec., Mantič lgt. et coll., Roháčová det.

Strachiini

Eurydema oleracea (Linnaeus, 1758). Suchdol nad Odrou (floodplain meadow), 5.vii.2000, 1 L, PK.

Podopinae: Graphosomini

Graphosoma lineatum (Linnaeus, 1758). Suchdol nad Odrou (floodplain forest), 27.v.2000, 1 spec., Ševčík lgt., det. et coll., JB revid.

Acanthosomatidae

Acanthosoma haemorrhoidale haemorrhoidale (Linnaeus, 1758). Oderský luh (shore growth: *Quercus*), 29.ix.1996, 1 ♀, JB; Jeseník nad Odrou (village: leafy trees), 5.vii.2000, 1 ♀, PK.

Elasmostethus interstinctus (Linnaeus, 1758). Ostrava-Poruba (wood, sifting), 4.xii.1999, 1 ♀, Mantič lgt. et coll., PK det.

Elasmucha grisea grisea (Linnaeus, 1758). Oderský luh (floodplain forest), 21.vi.1999, 1 ♀, JB lgt., PK det. et coll.; Bernartice nad Odrou (scattered trees), 5.vii.2000, 1 ♂ 1 ♀; Jeseník nad Odrou (village: *Betula*), 5.vii.2000, 1 ♀; Kunín (alley), 24.vi.1999, 1 ♂; Suchdol nad Odrou (village: leafy trees), 5.vii.2000, 1 ♂ 1 ♀, all PK; Ostrava-Poruba (wood, sifting), 30.i.2000, 1 ♀, Mantič lgt. et coll., PK det.

COMMENTS ON REMARKABLE RECORDS

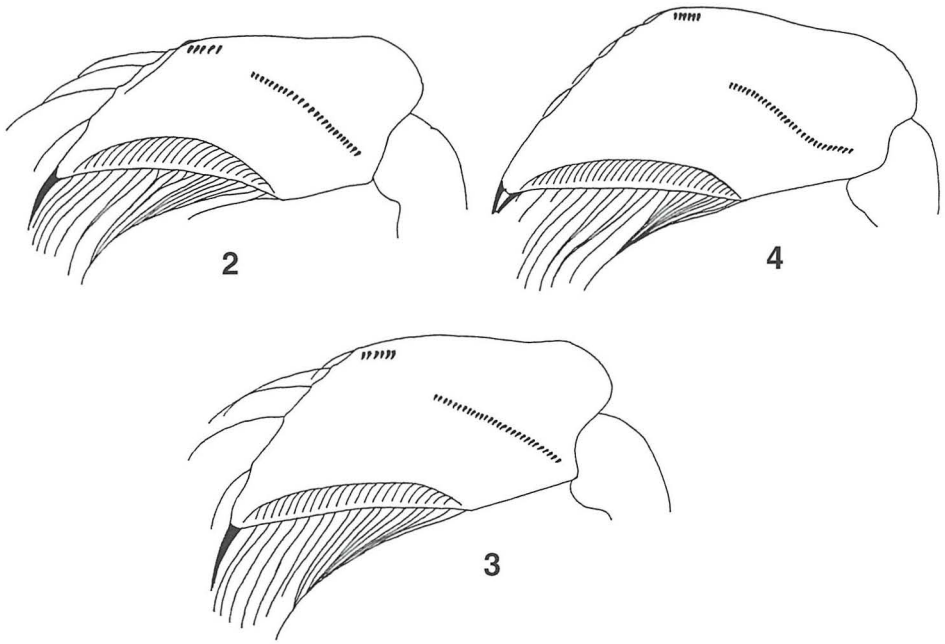
Sigara iactans (Corixidae: Corixinae) is closely related to the common European *S. falleni*; formerly it has been considered as an extreme of its intraspecific variability. It was established as a separate species on the basis of the different shape of male pala (Figs. 2, 4) by Jansson (1983). There are no obvious differences between the two species in other diagnostic characters of males (particularly the shape of external genitalia and the structure of abdominal dorsum). The author of the original description of *S. iactans* mentioned that intermediate specimens between these two species (probably of a hybrid origin) can be found very rarely (Jansson 1983, 1986). Such specimens (males with intermediate shape of pala; Fig. 3) were also found in the studied area (Oderský luh (Bažantí rybník pond), 7.x.1999, 2 ♂♂ and 24.viii.2000, 1 ♂; Polanská niva (Malý Budní rybník pond), 9.x.1999, 1 ♂; Polanka (Nádražní rybník pond), 9.x.1999, 1 ♂). It is even more difficult to distinguish females of the two species. According to Jansson (1983), the middle leg claw is longer (shorter) than the postnodal pruinose area of the fore wing in *S. falleni* (*S. iactans*) respectively. Surprisingly, females with the same ratios as in *S. iactans* were found also in *S. falleni* populations from various localities in Moravia and southern Bohemia, where males with the pala of the *S. iactans* type have never been found (Kment, unpublished data). We can conclude that this character is very variable and insufficient for clear species determination. The shape of the head, which is another diagnostic character according to the line drawing in Jansson (1986), is also very variable, and we have not found reliable morphological differences. That is why we have not determined females of *S. falleni* / *S. iactans* complex from localities where males of both species were found. Thus the taxonomic status of *S. iactans* is not very clear and it will be necessary to use additional methods (mainly those of molecular genetics) to find possible differences between the species of *S. falleni*–group. We collected *S. falleni* in all sites in the studied area where *S. iactans* was found (4 ponds with various intensity of fish farming and one oxbow lake). However, *S. iactans* was not found in various types of pools where *S. falleni* occured regularly. The finding of *S. iactans* in northern Moravia also narrows the gap between the two parts of the partly disjunctive distribution area of this species: *S. iactans* is known only from the northern part of central Europe (Germany, including localities in the lower part of the Odra river, Belgium, the Netherlands, Denmark, Sweden, Poland) and from localities north and west of the Black Sea (European part of Turkey, Greece, Macedonia, Bulgaria, Romania, the Ukraine and southern Russia to the Caspian Sea) (Jansson 1986, 1995). It is a new species for the Czech Republic.

Notonecta lutea (Notonectidae: Notonectinae) was found only in 4 sites in Moravia and Silesia so far: the river Jihlava (without precise locality; Stehlík (1943)), Dolní Věstonice in Pálava PLA (one male collected in November 1947, J. Hladil lgt.; Kment (1999)), Rejvíz peat bog in the Hrubý Jeseník Mts (Gessner 1931, Štys 1960) and Valašské Meziříčí (Hřebačková & Teyrovský 1961). The most recent record is from 1960. We have found *N. lutea* in two pools. One pool is

situated in a drying channel in Bažantnice floodplain forest (proposed NNR Oderský luh, N 49°43'15" E 18°06'45"), completely shaded and without water plants. The bottom of the pool was covered by a thick layer of fallen leaves. This species occurred there together only with *Hesperocorixa sahlbergi*. The second pool lies on floodplain meadow near the river Odra (Albrechtičky, N 49°42'21" E 18°04'57") is unshaded with a thick growth of various water plants and a rich layer of organic matter on the bottom. Eighteen species of aquatic Heteroptera and also 23 species of water molluscs including very rare indicatory species *Anisus vorticulus* (Troschel) and *Pisidium pseudosphaerium* Favre (Horsák 2000) inhabited this second pool.

Notonecta maculata (Notonectidae: Notonectinae) has been so far recorded only from two sites of Moravia: Třebíč (Stehlík 1943) and Březník near Náměšť nad Oslavou (Stehlík 1944). The current finding in Jezerní pond in the proposed NNR of Oderský luh (N 49°43'05" E 18°06'14") confirms its occurrence in Moravia after 52 years.

Acalypta carinata (Tingidae: Tinginae) lives in moss on the bark of dead trees and was found also along sea coasts under plant tufts (Wagner 1967). Hoberlandt (1977) reports this species only from Bohemia and Slovakia. Its first finding in Moravia was published by Křístek (1991) from Horní les floodplain forest near Lednice (southern Moravia). In Poodří PLA, this poorly known species was found only once under bark of the death tree in the Bažantnice floodplain forest, where it was very numerous. It is the second record from Moravia.



Figs. 2-4. Male pala, ventral view: 2 - *Sigara falleni* (Fieber); 3 - "intermediate" specimen; 4 - *S. iactans* Jansson. All specimens from Polanka nad Odrou, Malý Budní rybník pond.
Obr. 2-4. Samčí pala, spodní pohled: 2 - *Sigara falleni* (Fieber); 3 – „hybridní" jedinec; 4 - *S. iactans* Jansson. Všichni jedinci z lokality Polanka nad Odrou, Malý Budní rybník.

Dicyphus (*Dicyphus*) *epilobii* (Miridae: Bryocorinae) is trophically bound to *Epilobium hirsutum* L. (Wagner 1970). We have found this species living on the same host plant in two localities in Poodří PLA (a shore growth along a small brooklet near the railway station in Studénka and a moist drain next to the railway in Suchdol nad Odrou). *D. epilobii* is widespread in Europe from Spain and Ireland to Sweden and the Ukraine (Kerzhner & Josifov 1999). From the Czech Republic it was known only from Bohemia (Hoberlandt 1977). It is a new species for Moravia.

Phytocoris (*Ktenocoris*) *nowickyi* (Miridae: Mirinae) occurs from the south-western part of Europe to Korea and Japan. The closest occurrence of the species was noted in the south-eastern part of Slovakia (Hoberlandt 1959), Austria, Hungaria, Poland and the Ukraine (Kerzhner & Josifov 1999). Little is known about its biology. According to Reuter (in Wagner 1970), it lives on *Atriplex nitens*. Other authors supposed that it occurs on the grass and leafy trees (Kerzhner & Jaczewski 1964). The only one found specimen was beaten from the growth of various shrubs (especially *Salix* sp.) along the margin of Bažantnice floodplain forest in the proposed NNR of Oderský luh. It is a new species for the Czech Republic.

Psallus (*Psallus*) *flavellus* (Miridae: Phylinae) is a Eurosiberian species. The first record of this species in the Moravia was published from Horní les floodplain forest near Lednice in southern Moravia (Křístek & Dobšík 1985). The species lives particularly on *Fraxinus excelsior*, but it was found in all strata of the growth (Křístek & Dobšík 1985). We have collected this overlooked species mainly by beating shore growth at several localities where ash-trees are very common. It is the second record from Moravia

Psallus (*Psallus*) *mollis* (Miridae: Phylinae). Hoberlandt (1977) quoted the occurrence of *Psallus diminutus* (Kirschbaum, 1956) from Bohemia and Slovakia, while *P. mollis* was not mentioned at all. Subsequently, Rieger (1981) examined the type specimens of *P. diminutus* (Kirschbaum, 1956), placed it as a junior synonym of *P. mollis*, and designated a new name *P. confusus* Rieger, 1981 for the species so far known as *P. diminutus*. It is clear that Hoberlandt's (1977) data of *P. diminutus* refer to *P. confusus* and not to *P. mollis*. These two species can be clearly distinguished by the form of the male genitalia (Rieger 1981). *P. confusus* is also more slender than *P. mollis* (Wagner & Weber 1964) and has slightly different claws and pseudoarolia (Wagner 1975). As we have found only 3 females of *P. mollis* in Poodří PLA, we compared them with more numerous material of *P. mollis* from the Bílé Karpaty Mts and surroundings of Brno (Kment & Bryja 2001) and concluded that all three females indeed belong to the species. This overlooked and probably common species lives on oak trees in warm places in Europe, Turkey and Armenia. The nearest records are from Austria, Germany, Hungary, Poland and Ukraine (Kerzhner & Josifov 1999). It is a new species for the Czech Republic.

Pinthaeus sanguinipes (Pentatomidae: Asopinae) is known from about 20 sites particularly in southern Moravia, but has not been collected since 1952 again (Stehlík 1987). The new finding from Poodří confirms its occurrence in Moravia after more then 40 years.

SUMMARY

We have found 225 species of true bugs in Poodří PLA. This is 27.1 % of all species of the Czech Republic and 29.6 % of all Moravian species (Bryja & Kment, unpubl.). The study was focused mainly on water bugs because of the wetland character of the PLA. We confirmed the occurrence of 36 species of infraorders Nepomorpha and Gerromorpha (i.e. 59.0 % of all species in the Czech Republic and 66.0 % in Moravia). Our faunistic research of true bugs (Heteroptera) has

confirmed a high natural value of the PLA. We have found numerous species strictly related to wetland habitats - the main reason of protecting this valuable area. Three species are recorded as new for the Czech Republic. During this study, a special attention has been paid to the area of the proposed NNR of Oderský luh that contains the most valuable biotopes (floodplain forests, wetland meadows, oxbow lakes) in Poodří PLA. In this area, 98 species of bugs were found including the most remarkable records such as *Sigara iactans, Notonecta lutea, N. maculata, Acalypta carinata, Psallus flavellus, P. mollis, Phytocoris nowickyi* and *Pinthaeus sanguinipes.*

The present results increase the number of true bug species known in the area of Poodří PLA and its closest vicinity from 22 to 225 However our investigation was aimed mainly at water biotopes, and more detailed and intensive collecting of terrestrial bugs (mainly by some additional methods - i.e. yellow traps, photoeclectors etc.) can lead to the finding of other species not recorded in this paper.

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SOUHRN

Chráněná krajinná oblast (CHKO) Poodří byla vyhlášena v roce 1991 a v roce 1993 byla zařazena na světový seznam mokřadů mezinárodního významu chráněných Ramsarskou konvencí (Hudec et al. 1995). CHKO Poodří (81,5 km^2) je lokalizována v severní části Moravské brány mezi Nízkým Jeseníkem na západě a podhůřím Beskyd na východě. Tato poloha je zajímavá z biogeografického hlediska, jelikož Poodří leží na rozhraní tří biogeografických podprovincií: hercynské na západě, západokarpatské na východě a polonské na severu (Culek et al. 1996). Studovaná oblast leží mezi 212 a 298 m n.m. ve středně teplé klimatické oblasti MT 10 (Quitt 1971). Jádrem CHKO je niva řeky Odry, k níž přiléhají hrany říčních teras. Odra vstupuje do CHKO na jejím jihozápadním okraji mezi obcemi Mankovice a Vražné a opouští ji na jejím severovýchodním okraji u Ostravy-Zábřehu (obr. 1). Osu území tvoří meandrující koryto Odry, která zde na rozdíl od řady jejich přítoků nebyla z velké části dotčena regulacemi. Díky tomu je část aluvia každoročně zaplavována a řeka pokračuje v přirozené tvorbě meandrů, mrtvých ramen, periodických i trvalých tůní a mokřadů. Kromě přirozených vod se v nivě Odry nacházejí rovněž rybníky a kanály, které vznikaly již od 15. století a plně se začlenily do krajiny. Většina z rybníků slouží k intenzivnímu chovu ryb, ale některé extenzivně užívané rybníky se staly významnými lokalitami vodních rostlin (např. kotvice plovoucí (*Trapa natans* L.) a nepukalky vzplývající (*Salvinia natans* (L.) All.)) a živočichů, zejména obojživelníků a ptáků. Ze suchozemských ekosystémů je nejvýznamnější lužní les, který se zachoval v několika komplexech (cca na 10% území CHKO). Z větší části však byly lužní lesy nahrazeny aluviálními loukami, které hostí rozličná bylinná společenstva v závislosti na vlhkosti lokality (od mokřadních po mezofilní). Kromě polopřirozených druhově bohatých luk se zde však nacházejí i znehodnocené luční porosty, kde byly louky ve druhé polovině 20. století rozorány a osety kulturními druhy trav. Dalším významným prvkem v krajině Poodří je rozptýlená zeleň, kterou tvoří solitérní listnaté stromy nebo keře na loukách a břehové porosty přirozených i umělých vodních toků. Tato prostředí hostí celou řadu vzácných a ohrožených společenstev vodních a vlhkomilných rostlin. Na druhou stranu v Poodří chybí přirozené xerothermní biotopy a suchomilná vegetace se vyskytuje pouze na sekundárních biotopech vzniklých lidskou činností (pískovny, hliniště, nádraží) (Neuschlová et al. 1999).

Z vyhlášených nebo připravovaných maloplošných chráněných území byla věnována zvýšená pozornost třem z nich. Navrhovaná Národní přírodní rezervace (NPR) Oderský luh (u Studénky) a NPR Polanská niva (u Polanky nad Odrou) představují velmi hodnotnou mozaiku tvořenou

lužním lesem, extenzivně využívanými rybníky a aluviálními loukami s rozptýlenými stromy a keři. Navrhovaná přírodní rezervace Odra-Malý les (mezi Jeseníkem nad Odrou a Bernarticemi nad Odrou) je tvořena neregulovaným tokem Odry, přilehlou loukou a lesem na hraně říční terasy. Les je z části tvořen porostem smrku, cenné porosty kolem Odry však představují směs různých druhů listnatých dřevin.

I přes nespornou přírodní hodnotu Poodří, byla výzkumu jeho fauny po dlouhé období věnována jen malá pozornost. Jednou z výjimek byl faunistický výzkum měkkýšů a jeho pozdější revize (Mácha 1982). Systematičtější výzkum fauny začal až po vyhlášení CHKO v 90. letech. Před započetím našeho výzkumu ploštic (Heteroptera) byly z území CHKO publikovány údaje o nálezech pouhých 15 druhů a z jejího nejbližšího okolí dalších 7 druhů (Dobšík 1972a, 1982, Hoberlandt 1944, Pavelka 1990, Roháčová 1996a, Stehlík & Vavřínová 1997, Šulová-Brázdová 1956 a Teyrovský 1950, 1951). Cílem naší práce bylo vyplnit mezeru ve znalostech o výskytu této skupiny hmyzu na území CHKO Poodří.

Ploštice byly sbírány oběma autory v letech 1995-2000, nejintenzivněji v roce 1999. Materiál byl získáván zejména smýkáním, sklepáváním a individuálním sběrem. Vodní ploštice byly loveny pomocí kuchyňského cedníku. Část materiálu ze sbírky M. Mantiče byla získána prosíváním a část ze sbírky J. Ševčíka odchyty do světelných pastí, Malaiseho pasti nebo žlutých misek. Vlastní údaje byly doplněny o údaje o materiálu ze sbírek Slezského zemského muzea (Opava), Muzea Beskyd (Frýdek-Místek), M. Mantiče (Ostrava) a J. Ševčíka (Ostrava).

V oblasti CHKO Poodří bylo zjištěno 225 druhů ploštic náležejících do 26 čeledí, což představuje 27,1 % všech druhů známých z území České republiky (Bryja & Kment, nepublikováno). Ve skupině vodních ploštic (Nepomorpha a Gerromorpha) bylo zjištěno dokonce 59,0 % druhů známých z ČR. Tři druhy - *Sigara iactans* Jansson, 1983, *Phytocoris nowickyi* Fieber, 1870 a *Psallus mollis* (Mulsant et Rey, 1852) - jsou nové pro Českou republiku, *Dicyphus epilobii* Reuter, 1883 je novým druhem pro Moravu, dva druhy - *Acalypta carinata* (Panzer, 1806) a *Psallus flavellus* Stichel, 1933 - byly z území Moravy dosud známy pouze z Horního lesa u Lednice na jižní Moravě. Druhy *Notonecta lutea* Müller, 1776, *Notonecta maculata* Fabricius, 1794 a *Pinthaeus sanguinipes* (Fabricius, 1787) byly na území Moravy nalezeny znovu po více než 40 letech.

Sigara iactans je druh blízce příbuzný běžné evropské klešťance *S. falleni*. Jako samostatný druh ho odlišil teprve Jansson (1983) na základě odlišného tvaru samčí paly, která představuje jediný spolehlivý diagnostický znak (obr. 2, 4). Sám autor popisu ovšem uvádí, že vzácně jsou nalézáni i jedinci s přechodným tvarem paly, pravděpodobně hybridního původu (Jansson 1983, 1986). Pět takových samců bylo nalezeno i v severní části CHKO Poodří (obr. 3). Ještě složitější je odlišení samic. Determinační znaky *S. iactans*, které uvádí Jansson (1983, 1986), jsou velmi variabilní a samice „typu *S. iactans*" byly nalezeny i v několika populacích *S. falleni* z různých míst Moravy a jižních Čech, kde samci s palou typu *S. iactans* nikdy nalezeni nebyli (Kment, nepublikováno). Diagnostická hodnota těchto znaků (délka drápků, tvar hlavy) není v moravských populacích příliš velká, a proto nebyly samice *S. falleni* / *S. iactans* z lokalit, kde se vyskytovali samci obou druhů, determinovány do druhů. Na všech lokalitách v Poodří, kde byla *S. iactans* nalezena (4 rybníky, 1 mrtvé rameno) se vyskytovala společně se *S. falleni*, takže možnost hybridizace nelze vyloučit. Nález *S. iactans* na severní Moravě je rovněž zajímavý ze zoogeografického hlediska, jelikož přibližuje obě části disjunktivního areálu výskytu. *S. iactans* je dosud známa ze dvou geograficky oddělených oblastí v Evropě: severní části střední Evropy (Německo včetně lokalit na dolním toku Odry, Polsko, Belgie, Nizozemí, Dánsko a jižní Švéd-

sko) a oblasti severně a západně od Černého moře (evropská část Turecka, Řecko, Makedonie, Bulharsko, Rumunsko, Ukrajina a jižní Rusko až ke Kaspickému moři) (Jansson 1986, 1995).

Dicyphus epilobii žije na vrbovce chlupaté (*Epilobium hirsutum* L.) (Wagner 1970). Rovněž v Poodří jsme tento druh nalezli na této živné rostlině na dvou lokalitách - ve Studénce na pobřežní vegetaci kolem malého potůčku u nádraží a v Suchdole nad Odrou ve vlhkém odvodňovacím kanále vedle kolejiště. Druh je široce rozšířen v Evropě od Španělska a Irska po Švédsko a Ukrajinu (Kerzhner & Josifov 1999), v České republice byl dosud znám pouze z Čech (Hoberlandt 1977).

Phytocoris nowickyi se vyskytuje od jihozápadní Evropy po Koreu a Japonsko. Nejbližší nálezy pocházejí z jihovýchodního Slovenska (Hoberlandt 1959), Rakouska, Maďarska, Polska a Ukrajiny (Kerzhner & Josifov 1999). O biologii tohoto druhu není téměř nic známo a rovněž údaje o živných rostlinách se rozcházejí (Kerzhner & Jaczewski 1964, Wagner 1970). Jediný nalezený exemplář byl sklepán z porostu různých keřů, zejména vrb na okraji lužního lesa Bažantnice v navrhované NPR Oderský luh.

Psallus mollis žije na dubech v teplých částech Evropy, Turecka a Arménie (Kerzhner & Josifov 1999). Od blízce příbuzného *P. confusus* Rieger, 1981 se odlišuje zejména strukturou samčích genitálií (Rieger 1981). Menší rozdíly jsou rovněž ve tvaru těla, drápků na nohou a pseudoarolií (Wagner & Weber 1964, Wagner 1975). V Poodří byly nalezeny pouze 3 samice. Ty byly porovnány s početnějším materiálem tohoto druhu z Bílých Karpat a okolí Brna (Kment & Bryja 2001) a přiřazeny druhu *P. mollis*.

Zvláštní pozornost byla věnována zejména území navrhované NPR Oderský luh, kde bylo nalezeno celkem 98 druhů ploštic včetně většiny nejvýznamnějších nálezů (*Sigara iactans*, *Notonecta lutea*, *N. maculata*, *Phytocoris nowickyi*, *Psallus mollis*, *P. flavellus* a *Pinthaeus sanguinipes*). Tyto nálezy potvrzují význam tohoto území a oprávněnost návrhu na jeho vyhlášení NPR.

Přestože současný výzkum potvrdil vysokou přírodní hodnotu studovaného území a zvýšil počet druhů ploštic známých z CHKO Poodří a jeho nejbližšího okolí z 22 na 225, není toto číslo zdaleka konečným. Podrobnější faunistický výzkum a použití některých dalších metod sběru (žluté misky, fotoeklektory) může odhalit až několik desítek dalších druhů.