

Sawflies (Hymenoptera: Symphyta) of the Bílé Karpaty Protected Landscape Area and Biosphere Reserve (Czech Republic)

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MACEK J. 2012: Sawflies (Hymenoptera: Symphyta) of the Bílé Karpaty Protected Landscape Area and Biosphere Reserve (Czech Republic). In: MALENOVSKÝ I., KMENT P. & KONVIČKA O. (eds.): Species inventories of selected insect groups in the Bílé Karpaty Protected Landscape Area and Biosphere Reserve (Czech Republic). *Acta Musei Moraviae, Scientiae biologicae* (Brno) **96(2)** (2011): 819–896. – A faunistic survey of Hymenoptera: Symphyta was conducted in selected localities of the Bílé Karpaty Protected Landscape Area and Biosphere Reserve (south-eastern Moravia, Czech Republic) in 2005–2010. In total, 333 species were recorded in the area (Pamphiliidae: 5 spp., Megalodontesidae: 1 sp., Orussidae: 1 sp., Argidae: 16 spp., Diprionidae: 2 spp., Tenthredinidae: 302 spp., Cephidae: 4 spp., Cimbicidae: 1 sp.). Twenty-one of these species are classified as vulnerable and nine as endangered in the Red List of threatened invertebrates of the Czech Republic. *Eurhadinoceraea amauros* (Zombori, 1977), *Periclista albipennis* (Zaddach, 1859), *Nematus umbratus* Thomson, 1871, *Pachynematus itoi* Okutani, 1955, *Pristiphora leucopus* Hellén, 1948, and *Pristiphora subopaca* Lindqvist, 1955 are reported here for the first time for the Czech Republic, and *Strongylogaster baikalensis* Naito, 1990, *Aprosthemata fuscicornis* (Thomson, 1871), *Cladardis hartigi* Liston, 1995, and *Pristiphora luteipes* Lindqvist, 1955 for the first time for Moravia. New food plant records are provided for the larvae of the following species: *Amauronematus sagmarius* Konow, 1895 – *Salix aurita* and *S. cinerea*; *Arge fuscipennis* (Herrich-Schäffer, 1835) – *Geranium sanguineum*; *Macrophya albipuncta* (Fallén, 1808) – *Geranium sanguineum*; *Nematus incompletus* Förster, 1854 – *Lathyrus pratensis*; *Pachyprotasis variegata* (Fallén, 1808) – *Pyrethrum corymbosum*; *Sciapteryx consobrina* Klug, 1814 – *Ranunculus acris*; *Sterictiphora longicornis* Chevin, 1982 – *Carpinus betulus*; *Tenthredo trabeata* (Klug, 1817) – *Senecio ovatus* and *Petasites hybridus*.

Key words. Hymenoptera, Symphyta, faunistics, biogeography, new records, host plants, species conservation, White Carpathians, Czech Republic, Moravia

Introduction

The Symphyta, or sawflies, are a group of largely phytophagous insects with larvae feeding largely on various gymnosperms and angiosperms. In some habitats (especially in submontane and montane zones), sawflies make up one of the most significant constituents of local food chains. Most species are exophytophagous (feeding externally on leaves), while a few are endophytophagous (mining within plant tissues). In terms of food plant associations, sawflies include polyphagous, oligophagous and monophagous species. Especially the oligophagous and monophagous, stenoecious species, which respond to even small changes in the environment, are generally useful bio-indicators for assessment of habitat quality. Continuous monitoring of those sensitive species may provide early warning of progressive, still-latent, negative changes in ecosystems.

The Bílé Karpaty Protected Landscape Area and Biosphere Reserve (abbreviated to Bílé Karpaty PLA hereafter) was established to protect the most valuable habitats in the Czech part of the White Carpathians [= Bílé Karpaty Mts.] in south-eastern Moravia

along the border with Slovakia. General characteristics of the natural history of the area are given by KUČA *et al.* (1992), MACKOVČIN & JATIOVÁ (2002), JONGEPIEROVÁ (2008), and KONVIČKA *et al.* (2012).

The fauna of the Symphyta of the Bílé Karpaty PLA remains quite poorly known. Previously published information on the regional fauna includes some new faunistic records for the Czech Republic and Moravia based on finds in the Bílé Karpaty PLA by MACEK (2006, 2008a), a general overview of the sawfly fauna of the White Carpathian grasslands by MACEK (2008b), and a comparative faunistic survey of sawflies from three nature reserves in the south-eastern part of the area (Čertoryje, Machová and Kútky) by MACEK (2009).

The present study summarizes all the previously published records and evaluates an extensive material of sawflies recently collected throughout the Bílé Karpaty PLA.

Material and methods

In cooperation with the management of the Bílé Karpaty PLA, a six-year research project was undertaken in 2005–2010 to monitor the occurrence, distribution, and population and seasonal dynamics of the sawflies in the Bílé Karpaty PLA.

Most of the sawfly material evaluated in this study was collected with Malaise traps installed at various locations along selected flight paths of insects throughout the entire season of insect flight activity, from spring to autumn. The traps were monitored and emptied at three-week intervals. Some additional material was collected by sweep-netting. Further, field-collected larvae were reared in order to investigate certain gaps in our knowledge of biology and larval morphology. All the material was determined by Jan Macek. Voucher specimens are preserved in the collections of the Department of Entomology of the National Museum, Prague (NMPC).

The system, nomenclature and the information on general distribution of Symphyta in the paper are adopted from TAEGER *et al.* (2010); the data on food plants are based on TAEGER *et al.* (1998) unless otherwise indicated. The nomenclature of plants follows KUBÁT *et al.* (2002). Conservation status for individual species of Symphyta is given according to the Red List of threatened invertebrates of the Czech Republic (MACEK 2005).

The following abbreviations are used in the paper: NNR – National Nature Reserve, NR – Nature Reserve, NM – Nature Monument, PLA – Protected Landscape Area (all of these are the various categories and terms specified by the Czech system of legally protected natural areas); MT – Malaise trap; EN – endangered species, VU – vulnerable species (the latter two categories derived from the Red List of threatened invertebrates of the Czech Republic, *cf.* MACEK 2005).

List of collecting sites

Each entry in the list of collecting sites is arranged as follows: number of locality, name of the nearest village or town, local name of the collecting site or name of a small-

scale protected area (reserve) where appropriate, code of the field (in parentheses) in the faunistic and floristic grid mapping system of central Europe (EHRENDORFER & HAMANN 1965, PRUNER & MÍKA 1996, each basic field divided into 16 subfields, cf. KONVIČKA *et al.* 2012), GPS coordinates, altitude, and habitat.

1. Petrůvka, U Petrůvky NM (6872d4), 49°06'35"N 17°48'39"E, 430 m a.s.l.; mesic meadow, pasture.
2. Poteč, Ploštiny NR (6874c2), 49°08'40"N 18°03'46"E, 630 m a.s.l.; forest meadow, meadow spring area.
3. Valašské Klobouky, Bílé potoky NR (6874c3), 49°06'56"N 18°01'38"E, 420 m a.s.l.; forest spring area, fringe of montane brook with *Petasites*.
4. Nedašova Lhota, Zápečová (6874d1), 49°07'38"N 18°06'41"E, 550 m a.s.l.; alder carr.
5. Petrůvka, Kladenka brook (6972b2), 49°05'50"N 17°48'53"E, 390 m a.s.l.; alder carr.
6. Nedašov, Holý vrch (6974a2), 49°04'59"N 18°04'58"E, 830 m a.s.l.; spruce forest.
7. Sidonie, Sidonie NR (6974a2), 49°03'04"N 18°04'17"E, 450 m a.s.l.; montane beech forest.
8. Svatý Štěpán, Chladný vrch NM (6974c1), 49°01'34"N 18°00'32"E, 595 m a.s.l.; forest spring area, montane beech forest.
9. Lopeník, Hrubý Mechnáč (7072d1), 48°56'21"N 17°47'53"E, 705 m a.s.l.; meadow spring area.
10. Žitková, Hutě NR (7073a2), 48°59'24"N 17°54'20"E, 480 m a.s.l.; meadow spring area, mesic *Arrhenatherum* meadow.
11. Vyškovec, Chmelínek NM (7073c1), 48°56'24"N 17°51'12"E, 440 m a.s.l.; wet *Cirsium* meadow.
12. Vyškovec (7073c1), 48°55'57"N 17°50'49"E, 570 m a.s.l.; meadow spring area, wet *Cirsium* meadow.
13. Radějov, Žerotín NM (7169b4), 48°51'44"N 17°19'42"E, 304 m a.s.l.; peri-alpide basiphilous thermophilous oak forest, tall mesic scrub.
14. Velká nad Veličkou, Zahrady pod Hájem NNR (7171a1), 48°53'04"N 17°31'59"E, 385 m a.s.l.; mesic *Arrhenatherum* meadow, scattered oak-hornbeam woods, orchards.
15. Kněždub, Čertoryje NNR (7171a4), 48°51'35"N 17°24'17"E, 340 m a.s.l.; mesic herbaceous fringe, mesic *Arrhenatherum* meadow.
16. Kněždub, Čertoryje NNR (7171a4), 48°51'22"N 17°24'29"E, 320 m a.s.l.; willow-alder carr, wet *Cirsium* meadow.
17. Javorník, Jazevčí NNR (7171a4), 48°52'09"N 17°33'24"E, 415 m a.s.l.; mesic *Arrhenatherum* meadow, tall mesic scrub.
18. Javorník, Jazevčí NNR (7171a4), 48°52'12"N 17°33'55"E, 360 m a.s.l.; wet *Cirsium* meadow, ash-alder carr.
19. Nová Lhota, Hryzlácké Mlýny (7171b1), 48°53'10"N 17°36'08"E, 450 m a.s.l.; mesic herbaceous fringe, mesic *Arrhenatherum* meadow.
20. Suchov, Suchovské louky (7171b1), 48°53'11"N 17°36'04"E, 460 m a.s.l.; mesic *Arrhenatherum* meadow.
21. Kněždub, Čertoryje NNR (7171b3), 48°51'31"N 17°25'50"E, 360 m a.s.l.; willow-alder carr, wet *Cirsium* meadow, mesic *Arrhenatherum* meadow.
22. Nová Lhota, Vápenky (22), 48°52'16"N 17°36'58"E, 435 m a.s.l.; alder carr.
23. Javorník, Machová NR (7171c1), 48°49'21"N 17°31'19"E, 440 m a.s.l.; oak-hornbeam forest fringe, mesic *Arrhenatherum* meadow.
24. Javorník, Machová NR (7171c1), 48°49'59"N 17°32'05"E, 400 m a.s.l.; willow-alder carr.
25. Javorník, Machová NR (7171c1), 48°49'40"N 17°32'31"E, 437 m a.s.l.; willow-alder carr, wet *Cirsium* meadow, mesic *Arrhenatherum* meadow.
26. Javorník, Machová NR (7171c1), 48°49'37"N 17°31'41"E, 460 m a.s.l.; mesic *Arrhenatherum* meadow, tall mesic scrub.
27. Radějov, Radějovská obora – Mandát brook (7171c1), 48°49'43"N 17°22'47"E, 350 m a.s.l.; alder carr.

28. Radějov, Kútky NR (7171c2), 48°50'05"N 17°23'05"E, 415 m a.s.l.; meadow spring area.
29. Nová Lhota, Vápenky – Hubertova chata hut (7171b4), 48°51'50"N 17°39'08"E, 597 m a.s.l.; montane beech forest, forest spring area.
30. Javorník, Filipovské údolí valley (7171c2), 48°50'24"N 17°34'22"E, 420 m a.s.l.; forest valley, beech forest, fringe of montane brook with *Petasites*.
31. Strání, Záhumenice NM (7172a1), 48°53'48"N 17°41'12"E, 460 m a.s.l.; mesic *Arrhenatherum* meadow, tall mesic scrub.
32. Strání, Javorina NNR (7172a3), 48°51'23"N 17°40'09"E, 935 m a.s.l.; montane *Nardus* grassland, beech forest fringe.
33. Strání, Svinárský potok brook (7172a3), 48°52'20"N 17°40'49"E, 602 m a.s.l.; montane beech forest, montane brook.

Annotated list of species

All the material examined for each species is listed; individual records are ordered according to the number of the collecting site. Each record is arranged as follows: name of the collecting site and its number (in parentheses), date(s) of collection(s), number of specimens, collecting method, and collector(s).

Family ARGIDAE

Aprosthema bifurca (Klug, 1834)

Material examined. Javorník, Machová NR (23), 2.viii.2007, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Lathyrus* spp.

Aprosthema fusicorne (Thomson, 1871)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Poteč, Ploščiny NR (2), 16.vi.2006, 1 ex. Javorník, Machová NR (23), 18.v.2007, 2 ex.; 2.viii.2007, 5 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed, confined to species-rich meadows. **General distribution:** Western Palaearctic. **Host plant:** *Vicia cracca*.

Comments. The species is probably widely distributed throughout southern parts of Europe and has recently expanded northwards into the Great Britain and Sweden. In central Europe, it is known from Austria, Hungary, Germany, and Poland (TAEGER *et al.* 2006). PÁDR (1993) recorded *A. fusicorne* from Bohemia. This is the first record for Moravia.

Aprosthema melanurum (Klug, 1814)

Material examined. Valašské Klobouky, Bílé potoky NR (3), 19.viii.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 26.viii.2008, 2 ex., MT,

J. Macek lgt. Javorník, Jazevčí NNR (17), 12.v.2009, 3 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 28.v.2007, 2 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 12.viii.2010, 1 ex., J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in species-rich meadows. **General distribution:** Palaearctic. **Host plants:** *Lathyrus pratensis*, *L. tuberosus*.

***Aprosthema tardum* (Klug, 1814)**

Material examined. Javorník, Machová NR (23), 28.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Lathyrus vernus*.

***Arge ciliaris* (Linnaeus, 1767)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex.; 23.viii.2006, 2 ex. Valašské Klobouky, Bílé potoky NR (3), 13.vii.2006, 1 ex. Žitková, Hutě NR (10), 31.vii.2007, 1 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 24.viii.2009, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 3 ex.; 25.vi.2009, 2 ex.; 15.vii.2009, 1 ex. Strání, Záhumenice NM (31), 5.v.–16.vi.2010, 2 ex., MT; 9.ix.2010, 1 ex. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows and other grasslands. **General distribution:** Palaearctic. **Host plants:** *Filipendula* spp.

***Arge cyanocrocea* (Förster, 1771)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, Kladenka brook (5), 23.vi.2008, 1 ex. Javorník, Machová NR (26), 13.vii.2010, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows and other grasslands. **General distribution:** West Palaearctic. **Host plants:** *Rubus* spp., *Sanguisorba* spp.

***Arge enodis* (Linnaeus, 1767)**

Material examined. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex. Javorník, Machová NR (23), 28.v.2007, 1 ex.; 2.viii.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Arge fuscipennis* (Herrich-Schäffer, 1835)**

Material examined. Javorník, Machová NR (26), 24.v.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Geranium* spp.

***Arge gracilicornis* (Klug, 1814)**

Material examined. Petrůvka, Kladenka brook (5), 23.vi.2008, 2 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex., 5.viii.2009, 3 ex. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex. Strání, Svinárský potok brook (33), 29.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in forests with *Rubus* scrub. **General distribution:** Palaearctic. **Host plants:** *Rubus* spp.

***Arge melanochra* (Gmelin, 1790)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.1008, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 22.vii.2007, 2 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17), 23.vi.2009, 1 ex., 5.viii.2009, 2 ex., all MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 22.vi.2009, 1 ex., 15.vii.2009, 1 ex., 5.viii.2009, 1 ex., all MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.vi.2009, 1 ex., 5.viii.2009, 1 ex., all MT, J. Macek lgt. Strání, Záhumenice NM (31), 9.vii.–9.ix.2010, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows and other grasslands with scattered shrubs. **General distribution:** Western Palaearctic. **Host plants:** *Crataegus* spp.

***Arge nigripes* (Retzius, 1783)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 16.viii.2008, 1 ex. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Fragaria* spp., *Rosa* spp.

***Arge ochropus* (Gmelin, 1790)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Nová Lhota, Vápenky (22), 22.ix.2005, 1 larva on *Rosa* sp., J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Rosa* spp.

***Arge pagana* (Panzer, 1798)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 31.vii.2006, 1 ex.; 23.viii.2006, 1 ex. Žitková, Hutě NR (10), 11.vii.2007, 1 ex., 31.vii.2007, 1 ex. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex. Nová Lhota, Hryzácké Mlýny (19), 6.viii.2009, 1 ex. Strání, Záhumenice NM (31), 25.v.–9.vii.2010, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows and other grasslands with scattered shrubs, gardens, and tall mesic scrub. **General distribution:** Palaearctic, Oriental. **Host plants:** *Rosa* spp.

Arge rustica (Linnaeus, 1758)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

Arge ustulata (Linnaeus, 1758)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex. Javorník, Jazevčí NNR (18), 12.v.2009, 3 ex. Nová Lhota, Hryzácké Mlýny (19), 15.vii.2009, 2 ex. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in deciduous and mixed forests and riverine willow carrs. **General distribution:** Palaearctic. **Host plants:** *Betula* spp., *Salix* spp.

Sterictiphora geminata (Gmelin, 1790)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Žitková, Hutě NR (10), 5.vii.2007, 2 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.2009, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows with scattered shrubs and tall mesic scrub. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

Sterictiphora longicornis Chevin, 1982

Published records. MACEK (2008a): Poteč, Ploščiny NR (2); Žitková, Hutě NR (10); Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23). MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 21.iv.2008, 2 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Javorník, Machová NR (25), 6.vi.2010, 2 larvae on *Carpinus betulus*. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Very local in oak-hornbeam forests. **General distribution:** Western Palaearctic. **Host plant:** *Carpinus betulus* (new record).

Comments. The larvae were collected and reared on *Carpinus betulus*. This is the first record both of larva and a food plant relating to this species.

Family CEPHIDAE

Calameuta filiformis (Eversmann, 1847)

Material examined. Kněždub, Čertoryje NNR (21), 13.v.2008, 1 ex., swept. Strání, Javorina NNR (32), 16.vi.2009, 1 ex. All MT J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Various Poaceae.

Cephus pygmaeus (Linnaeus, 1767)

Material examined. Radějov, Žerotín NM (13), 12.v.2008, 4 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Various Poaceae including crops.

Cephus spinipes (Panzer, 1800)

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 25.vi.2006, 2 ex. Radějov, Žerotín NM (13), 26.vi.2008, 2 ex. Kněždub, Čertoryje NNR (21), 25.v.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Palaearctic. **Host plant:** Various Poaceae.

Janus luteipes (Lepeletier, 1823)

(VU)

Published record. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix* spp., *Populus* spp.; larvae mining in annual shoots.

Family CIMBICIDAE

Abia aenea (Klug, 1820)

(VU)

Material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Lonicera* spp., *Symphoricarpos* spp.

Sawflies (Hymenoptera: Symphyta)

Family DIPRIONIDAE

Gilpinia abieticola (Dalla Torre, 1894)

Material examined. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Picea* spp.

Gilpinia polytoma (Hartig, 1834)

Material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Picea* spp.

Family MEGALODONTESIDAE

Megalodontes panzeri (Leach, 1817) (EN)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: A thermophilous species confined to mesic species-rich meadows in the southern part of the area. **General distribution:** Western Palaearctic. **Host plant:** *Peucedanum cervaria*.

Family ORUSSIDAE

Orussus unicolor Latreille, 1812

Material examined. Nová Lhota, Hryzlácké Mlýny (19), 15.vii.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Hosts:** Unknown.

Comments. This rare species is only known from scattered findings in central and southern Europe; from the Czech Republic, only a single record from southern Moravia has been reported so far (PÁDR 1990). The hosts might be wood-boring larvae of Cerambycidae and Buprestidae.

Family PAMPILIIDAE

Cephalcia arvensis Panzer, 1805

Material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 8 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 3.vi.2007, 3 ex.; 12.viii.2007, 1 ex.; MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in spruce stands throughout the area. **General distribution:** Palaearctic. **Host plant:** *Picea abies*.

***Neurotoma mandibularis* (Zaddach, 1866) (VU)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Pamphilius gyllenhali* (Dahlbom, 1835)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Salix caprea*.

***Pamphilius hortorum* (Klug, 1808)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Rubus idaeus*.

***Pamphilius sylvaticus* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Žitková, Hutě NR (10), 5.ix.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Various Rosaceae *sensu lato* (e.g. *Fragaria* spp., *Crataegus* spp., *Prunus* spp., *Sorbus* spp.).

Family TENTHREDINIDAE

Subfamily Allantinae

***Allantus basalis* (Klug, 1818) (VU)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.2008; 2 ex. Javorník, Jazevčí NNR (17, 18), 23.vi.2009, 6 ex. Nová Lhota, Vápenky (22), 22.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows and other grasslands with scattered shrubs. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

***Allantus calceatus* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Sawflies (Hymenoptera: Symphyta)

Additional material examined. Petrůvka, U Petrůvky NM (1), 15.vii.2009, 2 ex.; 24.viii.2009, 1 ex. Javorník, Jazevčí NNR (17, 18), 2.vi.2009, 5 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in marshes and humid and mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Filipendula* spp., *Potentilla palustris*.

Allantus cinctus (Linnaeus, 1758)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–4.viii.2008, 12 ex. Petrůvka, Kladenka brook (5), 16.vii.–4.viii.2008, 4 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Radějov, Žerotín NM (13), 12.v.–26.viii.2008, 9 ex. Javorník, Jazevčí NNR (17, 18), 2.vi.–24.viii.2009, 8 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.–16.ix. 2009, 28 ex. Nová Lhota, Vápenky (22), 12.v.2009, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows with scattered shrubs and in tall mesic scrub. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp., *Fragaria* spp.

Allantus cingulatus (Scopoli, 1763)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Žitková, Hutě NR (10), 25.vi.2006, 1 ex. Javorník, Jazevčí NNR (17, 18), 9.iv.–2.vi.2006, 6 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. Javorník, Machová NR (25), 15.vi.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in meadows with scattered shrubs and in tall mesic scrub. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

Allantus laticinctus (Serville, 1823)

(VU)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Radějov, Žerotín NM (13), 9.v.–26.viii.2008, 12 ex. Javorník, Jazevčí NNR (17), 10.iv.–2.vi.2009, 6 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: More abundant in the southern part of the area, in meadows with scattered shrubs and in tall mesic scrub. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

Allantus rufocinctus (Retzius, 1793)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–4.viii.2008, 4 ex. Poteč, Ploščiny NR (2), 6.vi.–31.vii.2006, 5 ex. Valašské Klobouky, Bílé potoky NR (3), 9.v.–5.vi.2006, 4 ex. Petrůvka, Kladenka brook (5), 3.vi.–26.viii.2008, 8 ex. Žitková, Hutě NR (10), 29.v.–31.vii.2007, 6 ex. Javorník, Jazevčí NNR (17), 10.iv.–24.viii.2009, 16 ex. Nová Lhota, Hryzlácké Mlýny (19), 22.vi.2009, 2 ex. Strání, Záhumenice NM (31), 5.v.–16.vi.2010, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic grasslands including meadows with scattered shrubs and in mixed forests. **General distribution:** Western Palearctic. **Host plants:** *Rosa* spp.

***Allantus togatus* (Panzer, 1801)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Strání, Javorina NNR (32), 23.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palearctic. **Host plants:** Various deciduous trees (*Quercus* spp., *Salix* spp., *Betula* spp.).

***Allantus truncatus* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–25.viii.2008, 4 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 23.viii.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 3 ex., MT, M. Omělková lgt., 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 9.iv.–24.viii.2009, MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex., MT, 9.ix.2010, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Palearctic. **Host plant:** *Sanguisorba officinalis*.

***Allantus viennensis* (Schrank, 1781)**

Material examined. Žitková, Hutě NR (10), 29.v.2007, 2 ex., MT. Sidonie, Sidonie NR (7), 5.ix.2010, 8 larvae on *Rosa* sp. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palearctic. **Host plants:** *Rosa* spp.

***Ametastegia albipes* (Thomson, 1871)**

Published record. MACEK (2008a): Valašské Klobouky, Bílé potoky NR (3).

Additional material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex. Javorník, Jazevčí NNR (18), 2.vi.2009, 2 ex. Nová Lhota, Hryzlácké Mlýny (19), 15.vii.2009, 1 ex. Strání, Záhumenice NM (31), 9.vii.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local and rare on herbaceous fringes of brooks and springs, in humid and mesic meadows, and alder-willow carrs. **General distribution:** Palearctic. **Host plant:** Unknown.

Comments. MACEK (2008a) recorded the species for the first time for Moravia from Valašské Klobouky, Bílé potoky NR.

***Ametastegia carpini* (Hartig, 1837)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex.; 25.vii.2008, 2 ex.; 23.ix.2008, 1 ex. Poteč, Ploščiny NR (2), 22.vi.2006, 2 ex. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 1 ex.; 23.ix.2006, 3 ex.; 17.vi.2007, 4 ex.; 12.viii.2007, 2 ex.; all MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 3.vi.2008, 2 ex. Radějov, Žerotín NM (13), 15.vii.2008, 3 ex.; 23.viii.2008, 1 ex. Javorník, Jazevčí NNR (17, 18), 10.iv.–24.viii.2009, 35 ex. Nová Lhota, Hryzlácké Mlýny (19), 6.viii.2009, 5 ex. Strání, Svinárský potok brook (33), 29.vi.2005, 1 ex.; 29.viii.2005, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Palaearctic. **Host plant:** *Geranium* spp.

***Ametastegia equiseti* (Fallén, 1808)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 3 ex.; 3.vi.2007, 1 ex. Radějov, Žerotín NM (13), 15.vii.2008, 1 ex. Javorník, Jazevčí NNR (18), 9.iv.–15.vii.2009, 18 ex. Nová Lhota, Vápenky (22), 3.vi.2009, 3 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 7.vi.2005, 3 ex. Strání, Javorina NNR (32), 23.vi.2009, 1 ex. Strání, Svinárský potok brook (33), 7.vi.2005, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows and deciduous forests. **General distribution:** Holarctic. **Host plants:** Various herbs (e.g. *Rumex* spp., *Polygonum* spp.).

***Ametastegia glabrata* (Fallén, 1808)**

Material examined. Petrůvka, U Petrůvky NM (1), 23.ix.2008, 1 ex., MT, J. Macek lgt. Svätý Štěpán, Vlárský průsmyk, 9.vi.2005, 1 ex., swept, P. Chvojka lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Rumex* spp.

***Ametastegia pallipes* (Spinola, 1808)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 4.viii.2008, 1 ex. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex. Vyškovec (12), 30.ix.2007, 1 ex. Radějov, Žerotín NM (13), 26.vi.2008, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex. Nová Lhota, Vápenky (22), 12.v.2009, 2 ex. Javorník, Machová NR (25), 10.viii.–7.ix.2010, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Holarctic. **Host plants:** *Viola* spp.

***Ametastegia perla* (Klug, 1808)**

(EN)

Published records. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Ametastegia tenera* (Fallén, 1808)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–23.ix.2008, 12 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 19.vii.2006, 2 ex.; 22.vii.2007, 1 ex., all MT, M. Omelková lgt. Žitková, Hutě NR (10), 29.v.–21.viii.2007, 23 ex., MT, J. Macek lgt. Výskovec, Chmelinec NM (11), 29.iv.2007, 3 ex.; 17.vi.2007, 1 ex., all MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 9.iv.–14.ix.2009, 16 ex. Strání, Záhumenice NM (31), 12.viii.2010, 1 ex. Strání, Javorina NNR (32), 15.vii.2009, 1 ex.; 17.ix.2009, 1 ex. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Holarctic. **Host plants:** *Rumex* spp.

***Apethymus apicalis* (Klug, 1818)**

Material examined. Žitková, Hutě NR (10), 3.x.2007, 1 ex.; 31.x.2007, 1 ex.; both MT, J. Macek lgt. Výskovec (12), 22.x.2007, 1 ex., MT, M. Omelková lgt. Kněždub, Čertoryje NNR (16), 23.x.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests with oak stands. **General distribution:** Western Palaearctic. **Host plants:** *Rosa* spp.

***Apethymus cereus* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 22.x.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Apethymus filiformis* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Quercus* spp.

***Apethymus serotinus* (Müller, 1776)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 24.viii.–22.x.2009, 3 ex. Nová Lhota, Hryzlácké Mlýny (19), 16.ix.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: A thermophilous species confined to mixed and deciduous forests with oak stands in the southern part of the area. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Athalia bicolor* Serville, 1823**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.–9.vi.2007, 8 ex. Radějov, Žerotín NM (13), 4.vi.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

***Athalia circularis* (Klug, 1815)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Radějov, Kútky NR (28); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–23.ix.2008, 12 ex., MT, J. Macek lgt. Poteč, Ploščíny NR (2), 22.vi.–23.viii.2006, 18 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 13.vii.–23.viii.2006, 12 ex., MT, J. Macek lgt.; 19.vii.2006, 5 ex.; 12.viii.–12.ix.2007, 23 ex., MT, both M. Omelková lgt. Petrůvka, Kladenska brook (5), 3.vi.–24.viii.2008, 25 ex., MT, J. Macek lgt. Sidonie, Sidonie NR (7), 16.vi.2010, 2 ex.; 10.viii.2010, 1 ex., all MT, J. Macek lgt. Svatý Štěpán, Chladný vrch NM (8), 16.vi.2010, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 3.vii.–23.viii.2006, 10 ex.; 22.vii.–12.viii.2007, 6 ex.; all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.–23.viii.2006, 21 ex., MT, M. Omelková lgt.; 5.v.–2.ix.2007, 46 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 17.vi.2007, MT, M. Omelková lgt. Vyškovec (12), 12.viii.2007, 2 ex.; 15.vii.2008, 3 ex., all MT, M. Omelková lgt. Radějov, Žerotín NM (13), 15.vii.2008, 3 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 12.v.–24.viii.2009, 58 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 4.vi.–24.viii.2009, 21 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 5.–26.viii.2008, 4 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 5.viii.2005, 2 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 15.vii.2009, 3 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 7.vi.2005, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: An ubiquitous species widely distributed throughout the area. **General distribution:** Palaearctic. **Host plants:** Various herbs.

***Athalia cordata* Serville, 1823**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.–23.ix.2008, 18 ex., MT, J. Macek lgt. Poteč, Ploščíny NR (2), 6.vi.–31.vii.2006, 6 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex., MT, M. Omelková lgt. Lopeník, Hrubý Mechnáč (9), 3.vii.–23.viii.2006, 6 ex.; 12.ix.2007, 2 ex., all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 31.vii.–21.viii.2007, 5 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 15.v.–22.vii.2007, 5 ex., MT, M. Omelková lgt. Vyškovec (12), 22.vii.2007, 1 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 22.vi.–24.ix.2008, 12 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.2009, MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 10.iv.–22.x.2009, 38 ex., MT, J. Macek lgt. Nová Lhota, Hryzácké Mlýny (19), 10.iv.–22.x.2009, 28 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 10.iv.–16.ix.2009, 19 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 4.vi.–5.viii.2008, 3 ex., MT, J. Macek lgt. Strání, Záhumence NM (31), 12.viii.2010, 2 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 10.iv.–17.ix.2009, 12 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows, deciduous and mixed forests. **General distribution:** Western Palaearctic. **Host plants:** Various herbs.

***Athalia liberta* (Klug, 1815)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.ix.2008, 2 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.–31.vii.2006, 9 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.–23.viii.2006, 8 ex.; 22.vii.2007, 3 ex.; 12.ix.2007, 1 ex.; 18.vii.2007, 3 ex.; all MT, M. Omelková lgt.; 23.vi.–31.vii.2007, 8 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 3.vi.–26.viii.2008, 26 ex., MT, J. Macek lgt. Sidonie, Sidonie NR (7), 16.vi.2010, 1 ex.; 10.viii.2010, 1 ex., all MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 2 ex.; 17.vi.2007, all MT, M. Omelková lgt. Žitková, Hutě NR (10), 11.–31.vii.2007, 3 ex., MT, J. Macek lgt. Vyškovec (12), 22.vii.–12.viii.2007, 2 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17), 12.v.–14.ix.2009, 17 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 12.v.–24.viii.2009, 11 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 7.vi.–25.vii.2005, 6 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex.; 12.viii.2010, 1 ex., all MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows, deciduous and mixed forests. **General distribution:** Palaearctic. **Host plants:** Various Brassicaceae.

***Athalia lugens* (Klug, 1815)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 23.ix.2006, 1 ex., MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 3.vi.–4.viii.2008, 4 ex., MT, J. Macek lgt. Vyškovec, Chmelínek NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 26.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.vi.2009, 2 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 26.vi.–5.viii.2008, 6 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in humid habitats. **General distribution:** Palaearctic. **Host plant:** *Cardamine hirsuta*.

***Athalia rosae* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 16.vii.–23.ix.2008, 7 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex.; 20.ix.2006, 1 ex.; all MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 4.viii.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 22.vii.2007, 2 ex.; 22.x.2007, 1 ex.; all MT, M. Omelková lgt. Žitková, Hutě NR (10), 29.v.2007, 2 ex.; 19.vi.2007, 5 ex.; 2.ix.2007, 5 ex.; all MT, J. Macek lgt. Vyškovec, Chmelínek NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 4.vi.–24.ix.2008, 12 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 12.v.2009, 3 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 5.viii.2008, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 15.vii.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic and humid habitats. **General distribution:** Palaearctic, Oriental. **Host plants:** Various Brassicaceae including cultivars.

***Empria candidata* (Fallén, 1808)**

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Betula* spp.

***Empria excisa* (Thomson, 1871)**

(VU)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (17, 18), 9.iv.–2.vi.2009, 12 ex. Nová Lhota, Vápenky (22), 10.iv.–12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** *Filipendula* spp.

***Empria hungarica* (Konow, 1875)**

(EN)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Radějov, Kútky NR (28).

Distribution and frequency in the Bílé Karpaty PLA: A very local and rare species confined to mesic, species-rich meadows in the southern part of the area. **General distribution:** Palaearctic. **Host plants:** *Filipendula* spp.

***Empria immersa* (Klug, 1818)**

Material examined. Javorník, Machová NR (24), 9.v.2007, MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Salix caprea*.

***Empria liturata* (Gmelin, 1790)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–3.vi.2008, 5 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 2 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 29.iv.2007, 1 ex., 17.vi.2007, 3 ex., all MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 9.iv.–2.vi.2009, 9 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 13.v.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Geum* spp., *Rubus* spp., *Fragaria* spp.

***Empria longicornis* (Thomson, 1871)**

Material examined. Petrůvka, Kladenska brook (5), 21.iv.2008, 1 ex. Strání, Svinárský potok brook (33), 20.iv.–7.vi.2005, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Filipendula* spp., *Rubus* spp.

***Empria pallimacula* (Serville, 1823)**

Published records. MACEK (2008): Kněždub, Čertoryje NNR (15). MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.–22.vi.2006, 5 ex., MT, J. Macek lgt. Petrůvka, Kladenska brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex., MT, M. Omelková lgt. Výškovce, Chmelínce NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 9.iv.–2.vi.2009, 8 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 12.v.2009, 2 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 5.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** *Filipendula* spp.

***Empria parvula* (Konow, 1892)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, Kladenska brook (5), 12.v.–3.vi.2008, 3 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Geum* spp., *Rubus* spp., *Alchemilla* spp.

***Empria pumila* (Konow, 1896)**

Material examined. Kněždub, Čertoryje NNR (16), 10.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Filipendula* spp.

***Empria pumiloides* Lindqvist, 1968**

Published record. MACEK (2008a, 2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Filipendula* spp.

***Empria sexpunctata* (Serville, 1823)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–3.vi.2008, 2 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 12.v.–3.vi.2008, 3 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex., MT, M. Omelková lgt. Výškovec, Chmelínek NM (11), 29.iv.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 12.v.2009, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in humid and mesic meadows. **General distribution:** Palaearctic. **Host plant:** *Geum rivale*.

***Empria testaceipes* (Konow, 1896)**

(EN)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: A very local and rare species confined to mesic species-rich meadows in the southern part of the area. **General distribution:** Palaearctic. **Host plant:** *Sanguisorba officinalis*.

***Empria tridens* (Konow, 1896)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 4 ex. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 2 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests with *Rubus* scrub. **General distribution:** Western Palaearctic. **Host plants:** *Rubus* spp.

***Empria ushinskii* Dovnar-Zapolskij, 1929**

Published records. MACEK (2008a): Kněždub, Čertoryje NNR (15). MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: A very local and rare species confined to mesic species-rich meadows in the southern part of the area. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

Comments. MACEK (2008a) recorded this species for the first time for the Czech Republic from the Čertoryje NNR.

***Eriocampa ovata* (Linnaeus, 1760)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 23.vii.2006, 1 ex., MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 16.vii.2008, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 15.vii.2009, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (25), 7.x.2010, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 26.vii.2005, 1 ex. MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs of streams. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Monostegia abdominalis* (Fabricius, 1798)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 25.viii.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.–23.viii.2006, 4 ex., MT, M. Omelková lgt. Petrůvka, Kladenska brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex.; 25.viii.2006, 1 ex.; both MT, M. Omelková lgt. Žitková, Hutě NR (10), 19.vi.2007, 1 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 17.vi.2007, MT, M. Omelková lgt. Javorník, Jazevčí NNR (17), 12.v.–24.viii.2009, 6 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.ix.2005, 2 ex.; 3.vi.2009, 1 ex., all MT, J. Macek lgt. Javorník, Machová NR (25), 10.viii.–7.ix.2010, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in humid meadows, meadow spring fens, and marshes. **General distribution:** Palaearctic. **Host plant:** *Lysimachia vulgaris*.

***Monostegia nigra* (Konow, 1876)**

Material examined. Radějov, Žerotín NM (13), 4.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Lysimachia punctata*.

Comments. The species has recently rapidly expanded into central Europe from south-eastern Europe. The first records for Moravia and Bohemia were reported by MACEK (2006 and 2008, respectively).

***Monsoma pulveratum* (Retzius, 1783)**

Material examined. Petrůvka, Kladenska brook (5), 12.v.–3.vi.2008, 3 ex., MT. Nová Lhota, Vápenky (22), 26.vii.2005, 5 larvae on *Alnus*, 10.iv.–3.vi.2009, 3 ex., MT. Javorník, Machová NR (24), 9.v.2007, 1 ex., MT. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Taxonus agrorum* (Fallén, 1808)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.–23.vi.2006, 4 ex., MT, J. Macek lgt. Petrůvka, Kladenska brook (5), 3.vi.2008, MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 3.vii.2006, 1 ex., MT, M. Omelková lgt. Vyškovec, Chmelinec NM (11), 17.vi.2007, 1 ex.,

Sawflies (Hymenoptera: Symphyta)

MT, M. Omelková lgt. Javorník, Jazevčí NNR (17, 18), 10.iv.–2.vi.2009, 3 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.vi.2009, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 9.v.–28.v.2007, 3 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.–3.vi.2005, 2 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in forest habitats. **General distribution:** Palaearctic. **Host plant:** *Rubus idaeus*.

Taxonus sticticus (Klug, 1814)

(EN)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local and rare in tall mesic and xeric scrub. **General distribution:** Western Palaearctic. **Host plants:** *Rosa* spp.

Subfamily Blennocampinae

Ardis pallipes (Serville, 1823)

(VU)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (17), 5.viii.2009, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Rosa* spp.

Blennocampa phyllocolpa Viitasaari et Vikberg, 1985

Material examined. Kněždub, Čertoryje NNR (16), 9.v.–20.vi.2006, 5 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex. Strání, Svinárský potok brook (33), 26.vii.2005, 1 ex. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in scrub, along forest margins, in parks and gardens. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

Cladardis elongatula (Klug, 1817)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–25.viii.2008, 5 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.vii.2006, 2 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 13.vii.–23.viii.2006, 3 ex., MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 23.vi.2008, 1 ex.; 23.viii.2008, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt. Vyškovec (12), 12.viii.2007, 1 ex., M. Omelková lgt. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 5.viii.2008, 1 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 5.v.–12.viii.2010, 8 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in scrub, along forest margins, in parks and gardens. **General distribution:** Western Palearctic. **Host plants:** *Rosa* spp.

***Cladardis hartigi* Liston, 1995**

Material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palearctic. **Host plant:** Unknown.

Comments. A very rare species, in the Czech Republic so far only known from Bohemia (BENEŠ 1989). This is the first record for Moravia.

***Claremontia alternipes* (Klug, 1816)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006. 2 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests with *Rubus* scrub. **General distribution:** Palearctic. **Host plant:** *Rubus idaeus*.

***Claremontia puncticeps* (Konow, 1886)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palearctic. **Host plants:** *Fragaria* spp., *Potentilla* spp.

***Claremontia tenuicornis* (Klug, 1816)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.–22.vi.2006, 5 ex. Žitková, Hutě NR (10), 29.v.2007, 1 ex. Javorník, Jazevčí NNR (18), 10.iv.–2.vi.2009, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Palearctic. **Host plants:** *Filipendula* spp.

***Claremontia uncta* (Klug, 1816)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Kněždub, Čertoryje NNR (16), 29.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Alchemilla* spp., *Geum* spp.

***Claremontia waldheimi* (Gimmerthal, 1847)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex.; 11.v.–6.vi.2006, 3 ex. Javorník, Jazevčí NNR (18), 10.iv.–2.vi.2009, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Geum* spp., *Rubus* spp.

***Eurhadinoceraea amauros* (Zombori, 1977)**

Material examined. Javorník, Machová NR (23), 28.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Known only from a single specimen from Machová NR. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

Comments. ZOMBORI (1977) described the species from Italy, later it was recorded also from Germany, Switzerland (TAEGER & BLANK 2008) and Slovakia (ROLLER 1996). This is the first record for the Czech Republic.

***Eurhadinoceraea ventralis* (Panzer, 1799)**

Published records. MACEK (2008a): Javorník, Machová NR (23). MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Clematis recta*.

Comments. MACEK (2008a) recorded the species for the first time for the Czech Republic from Machová NR based on larvae collected on *Clematis recta*.

***Eutomostethus ephippium* (Panzer, 1798)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploštiny NR (2), 31.vii.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 4 ex.; 23.viii.2006, 1 ex., all MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 4.viii.2008, 2 ex., MT, J. Macek lgt. Výškovec (12), 12.viii.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 12.v.2009, 2 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 28.v.2007, 1 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 26.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Holarctic, Oriental. **Host plants:** Various Poaceae.

***Eutomostethus gagathinus* (Klug, 1816)**

Material examined. Javorník, Machová NR (23), 18.vi.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaeartic. **Host plants:** *Carex* spp.

***Eutomostethus luteiventris* (Klug, 1816)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex.; 17.vi.2007, 1 ex., all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, J. Macek lgt. Svatý Štěpán, Chladný vrch NM (8), 4.vii.2010, 1 ex., J. Macek lgt. Kněždub, Čertoryje NNR (15), 26.vi.2008, 1 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 26.vi.2008, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 28.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in humid meadows, spring fens and marshes. **General distribution:** Western Palaeartic. **Host plants:** *Juncus* spp.

***Eutomostethus punctatus* (Konow, 1887)**

Material examined. Svatý Štěpán, Chladný vrch NM (8), 16.vi.2010, 2 ex., J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaeartic. **Host plants:** *Carex* spp.

***Halidamia affinis* (Fallén, 1807)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–23.vi.2008, 3 ex. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex. Válašské Klobouky, Bílé potoky NR (3), 13.vii.2006, 1 ex. Petrůvka, Kladenka brook (5), 12.v.–23.vi.2008, 4 ex. Žitková, Hutě NR (10), 19.vi.2007, 1 ex. Radějov, Žerotín NM (13), 4.vi.2008, 1 ex. Javorník, Jazevčí NNR (17), 10.iv.–25.vi.2009, 4 ex. Javorník, Machová NR (23), 9.iv.–28.v.2007, 5 ex. Strání, Javorina NNR (32), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Western Palaeartic. **Host plants:** *Galium* spp.

***Monardis plana* (Klug, 1817)**

(VU)

Material examined. Kněždub, Čertoryje NNR (15), 9.v.2006, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaeartic. **Host plants:** *Rosa* spp.

***Monophadnoides rubi* (Harris, 1845)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 2 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Rubus* spp.

***Monophadnus pallescens* (Gmelin, 1790)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Svatý Štěpán, Chladný vrch NM (8), 5.v.2010, 1 ex. Javorník, Jazevčí NNR (17), 9.iv.–2.vi.2009, 3 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic and humid meadows. **General distribution:** Western Palaearctic. **Host plants:** *Ranunculus* spp.

***Pareophora pruni* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Prunus spinosa*.

***Periclista albida* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 9.iv.–12.v.2009, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in oak formations in particular in the southern part of the area. **General distribution:** Palaearctic. **Host plants:** *Quercus* spp.

***Periclista albipennis* (Zaddach, 1859)**

Material examined. Kněždub, Čertoryje NNR (15), 15.v.2008, 8 larvae on *Quercus* sp.; 13.v.2009, 6 larvae on *Quercus* sp.; 8.v.2010, 4 larvae on *Quercus* sp.; all J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably associated with Pannonian oak-hornbeam forests and restricted to the southern part of area. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

Comments. A Mediterranean species associated with xerothermophilous oak formations. In central Europe known from Slovakia, Germany and Poland (TAEGER *et al.* 2008). Recorded here for the first time for the Czech Republic.

***Periclista lineolata* (Klug, 1816)**

Published records. MACEK (2008a): Žitková, Hutě NR (10); Kněždub, Čertoryje NNR (15). MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in oak formations, in particular in the southern part of the area. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Periclista pubescens* (Zaddach, 1859)**

Published records. MACEK (2008a): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in oak formations, in particular in the southern part of the area. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Phymatocera aterrима* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Polygonatum* spp.

***Stethomostus fuliginosus* (Schrank, 1781)**

Material examined. Lopeník, Hrubý Mechnáč (9), 12.ix.2007, 1 ex., MT, M. Omelková lgt. Nová Lhota, Vápenky (22), 24.viii.2009, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (24), 28.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** *Ranunculus* spp.

Subfamily Heterarthrinae

***Caliroa annulipes* (Klug, 1816)**

Material examined. Výškovec, Chmelinec NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** Various deciduous trees and shrubs.

***Caliroa cerasi* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Radějov, Žerotín NM (13), 26.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Cosmopolitan. **Host plants:** Various deciduous trees and shrubs.

***Caliroa varipes* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 29.v.2007, 1 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 6.viii.2009, 1 ex. Javorník, Jazevčí NNR (17), 12.v.–5.viii.2009, 3 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in shrubs along forest margins, and in mixed and deciduous forests. **General distribution:** Palaearctic. **Host plants:** Various deciduous trees and shrubs.

***Endelomyia aethiops* (Gmelin, 1790)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Javorník, Jazevčí NNR (17), 9.iv.–24.viii.2009, 18 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 2 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. Radějov, Radějovská obora – Mandát brook (27), 13.v.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in shrubs along forest margins and in tall mesic scrub. **General distribution:** Holarctic. **Host plants:** *Rosa* spp.

***Fenella nigrita* Westwood, 1839**

Material examined. Žitková, Hutě NR (10), 11.vii.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Agrimonia* spp., *Potentilla* spp.

***Fenusa dohrnii* (Tischbein, 1846)**

Material examined. Petrůvka, U Petrůvky NM (1), 23.ix.2008, 1 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs of streams and brooks. **General distribution:** Holarctic. **Host plants:** *Alnus* spp.

***Fenusella glaucopis* (Konow, 1907)**

Material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Populus tremula*.

***Fenusella nana* (Klug, 1816)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Betula* spp.

***Heterarthrus ochropoda* (Klug, 1818)**

Material examined. Javorník, Machová NR (25), 24.v.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Populus tremula*.

***Heterarthrus vagans* (Fallén, 1808)**

Material examined. Vyškovec, Chmelínek NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 15.vii.2009, 1 ex., MT, J. Macek lgt. Kněždub, Čertoryje NNR (16), 29.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs along streams and brooks. **General distribution:** Palaearctic. **Host plants:** *Alnus* spp.

***Heterarthrus wuestnei* (Konow, 1905)**

Published record. MACEK (2008a): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Acer campestre*.

Comments. MACEK (2008a) recorded the species for the first time for the Czech Republic from the Čertoryje NNR.

***Hinatara nigripes* (Konow, 1907)**

Published record. MACEK (2008a): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Acer campestre*.

Comments. MACEK (2008a) recorded the species for the first time for the Czech Republic from the Čertoryje NNR.

***Hinatara recta* (Thomson, 1871)**

Material examined. Kněždub, Čertoryje NNR (15), 20.vi.2006, 2 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Strání, Javorina NNR (32), 12.v.2009, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in deciduous forests with maple stands. **General distribution:** Western Palaearctic. **Host plant:** *Acer platanoides*.

***Metallus lanceolatus* (Thomson, 1870)**

Material examined. Nová Lhota, Hryzlácké Mlýny (19), 24.viii.2009, 1 ex. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex. Both MT, J.Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plant:** *Geum urbanum*.

***Metallus pumilus* (Klug, 1816)**

Published records. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 25.vi.2009, 1 ex. Nová Lhota, Vápenky (22), 24.viii.2009, 2 ex. Strání, Záhumenice NM (31), 16.vi.–9.ix.2010, 5 ex. Strání, Javorina NNR (32), 23.vi.–5.viii.2009, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in shrubs of *Rubus* along forest and meadow margins. **General distribution:** Palaearctic. **Host plants:** *Rubus* spp.

***Parna tenella* (Klug, 1816)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 13.v.–22.vi.2009, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Tilia* spp.

***Profenusia pygmaea* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in deciduous forests with oak stands. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Scolioneura betuleti* (Klug, 1816)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Betula* spp.

Subfamily Nematinae

***Amauronematus amentorum* (Förster, 1854)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT; 12.v.2006, 1 ex., MT. Javorník, Machová NR (24), 8.v.2007, 4 larvae on *Salix caprea*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plant:** *Salix caprea*.

***Amauronematus histrio* (Serville, 1823)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT, M. Omelková lgt.; 11.v.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt. Výškovec, Chmelinec NM (11), 29.iv.2007, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed with *Salix* spp. in meadow spring areas and in alder-willow carrs. **General distribution:** Holarctic. **Host plants:** *Salix* spp.

***Amauronematus humeralis* (Serville, 1823)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix caprea*, *S. cinerea*.

***Amauronematus krausi* Taeger et Blank, 1998**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex. Strání, Javorina NNR (32), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed together with the host plant in mixed and deciduous forests. **General distribution:** Palaearctic. **Host plant:** *Populus tremula*.

***Amauronematus leucolenus* (Brischke, 1883)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex., MT. Žitková, Hutě NR (10), 9.v.2007, 6 larvae on *Salix caprea*. Nová Lhota, Vápenky (22), 15.v.2008, 12 larvae on *Salix aurita*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed together with the host plants. **General distribution:** Western Palaearctic, Nearctic. **Host plants:** *Salix caprea*, *S. cinerea*, *S. aurita*.

***Amauronematus longiserra* (Thomson, 1862)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT; 20.v.2008, 6 larvae on *Salix aurita*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed with *Salix* spp. **General distribution:** Palaearctic. **Host plants:** *Salix caprea*, *S. aurita*, *S. cinerea*.

Comments. MACEK (2009) recorded the species from Machová NR for the first time for Moravia.

***Amauronematus puniceus* (Christ, 1791)**

Published record. MACEK (2009): Javorník, Machová NR (24).

Additional material examined. Žitková, Hutě NR (10), 9.v.2007, 3 ex., MT; 20.v.2008, 2 larvae on *Salix aurita*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Salix caprea*.

***Amauronematus sagmarius* Konow, 1895**

Published record. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Very local and rare species which may, however, be dispersed throughout the area. **General distribution:** Holarctic. **Host plants:** *Salix phylicifolia* (TAEGER *et al.* 1998); *Salix aurita*, *S. cinerea* (new host records).

Comments. MACEK (2009) recorded the species from Machová NR for the first time for Moravia.

***Amauronematus tunicatus* Zaddach, 1883**

Material examined. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Salix caprea*, *S. cinerea*, *S. aurita*.

***Amauronematus viduatus* (Zetterstedt, 1838)**

Published record. MACEK (2009): Javorník, Machová NR (23, 24).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Salix* spp.

***Amauronematus vittatus* (Serville, 1823)**

Published records. MACEK (2009): Javorník, Machová NR (23, 24).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 3 ex. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed with *Salix* spp. in meadow spring areas and alder-willow carrs. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Anoplonyx ovatus* (Zaddach, 1883)**

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 4 ex.; 6.vi.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 3 ex. Javorník, Machová NR (23), 9.v.2005, 1 ex.; 8.v.2007, 5 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed with larch in mixed and coniferous forests. **General distribution:** Palaearctic. **Host plants:** *Larix* spp.

***Cladius brullei* (Dahlbom, 1835)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 1 ex. Strání, Javorina NNR (32), 15.vii.–24.viii.2009, 7 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Cosmopolitan. **Host plants:** *Rubus* spp.

***Cladius compressicornis* (Fabricius, 1804)**

Published records. MACEK (2009) [as *Cladius pallipes* (Serville, 1823)]: Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–23.ix.2008, 31 ex. Poteč, Ploščiny NR (2), 26.vi.–30.vii.2006, 5 ex. Valašské Klobouky, Bílé potoky NR (3), 23.vi.–30.vii.2006, 6 ex. Petrůvka, Kladenka brook (5), 12.v.–26.viii.2008, 22 ex. Sidonie, Sidonie NR (7), 10.viii.2010, 1 ex. Svatý Štěpán, Chladný vrch NM (8), 8.ix.2010, 1 ex. Žitková, Hutě NR (10), 29.v.2007, 3 ex.; 11.vii.2007, 1 ex. Javorník, Jazevčí NNR (17, 18), 9.iv.–24.viii.2009, 46 ex. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–24.viii.2009, 52 ex. Nová Lhota, Vápenky (22), 12.v.–16.ix.2009, 28 ex. Radějov, Radějovská obora – Mandát brook (27),

Sawflies (Hymenoptera: Symphyta)

26.vi.–5.viii.2008, 7 ex. Strání, Záhumenice NM (31), 25.v.–12.viii.2010, 6 ex. Strání, Javorina NNR (32), 3.vi.–24.viii.2009, 8 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mixed and deciduous forests and along their margins. **General distribution:** Holarctic, Oriental. **Host plants:** Various rosaceous trees and shrubs (e.g. *Crataegus*, *Prunus*, and *Sorbus* spp.).

Cladius pectinicornis (Geoffroy, 1785)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–23.ix.2008, 16 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.–31.vii.2006, 7 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.–24.viii.2006, 12 ex.; 22.vii.2007, 4 ex.; all MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 3.vi.–16.vii.2008, 3 ex. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 2 ex.; 19.vii.2006, 1 ex.; all MT, M. Omelková lgt. Žitková, Hutě NR (10), 19.vii.2006, 2 ex., MT, M. Omelková lgt.; 9.v.–30.vii.2007, 18 ex., MT, J. Macek lgt. Výškovec, Chmelinec NM (11), 17.vi.2007, 2 ex., MT, M. Omelková lgt. Výškovec (12), 12.viii.2007, 2 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 3.vi.–26.viii.2008, 17 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 2.vi.–15.vii.2009, 5 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 9.iv.–14.ix.2009, 28 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–16.ix.2009, 19 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 4.vi.–5.viii.2009, 10 spec, MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 15.vii.2008, 2 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 5.v.–12.viii.2010, 10 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in scrub, along forest margins and in meadows with scattered shrubs. **General distribution:** Holarctic, Oriental. **Host plants:** *Rosa* spp., *Fragaria* spp.

Cladius pilicornis Curtis, 1833

Material examined. Petrůvka, U Petrůvky NM (1), 25.viii.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex.; 23.vii.2006, 3 ex.; all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 19.vi.2007, 2 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 26.vi.2008, 1 ex., MT, J. Macek lgt. Kněždub, Čertoryje NNR (15), 10.v.–23.vii.2006, 28 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 13.v.–24.viii.2009, 25 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 4.vi.–15.vii.2009, 12 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 4.vi.–24.viii.2009, 18 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 28.v.–22.vii.2007, 9 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 26.vi.2008, 3 ex., MT, J. Macek lgt. Radějov, Kútky NR (28), 26.vi.2008, 2 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 16.vi.–9.xi.2010, 8 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in scrub, along forest margins, and in meadows. **General distribution:** Western Palaearctic. **Host plants:** *Crataegus* spp.

Cladius rufipes Serville, 1823

Material examined. Javorník, Filipovské údolí (30), 21.ix.2005, 6 larvae on *Ulmus glabra*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Ulmus* spp.

***Cladius ulmi* (Linnaeus, 1758)**

Material examined. Javorník, Filipovské údolí (30), 21.ix.2005, 3 larvae on *Ulmus glabra*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Ulmus* spp.

***Craesus alniastri* (Scharfenberg, 1805)**

Material examined. Vyskovec, Chmelinec NM (11), 17.v.2007, 1 ex., MT, M. Omelková lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 21.ix.2005, 16 larvae on *Alnus incana*, J. Macek lgt. Nová Lhota, Vápenky (22), 21.ix.2005, 6 larvae on *Alnus incana*; 5.viii.2009, 1 ex.; all J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests and alder carrs. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Craesus septentrionalis* (Linnaeus, 1758)**

Material examined. Žitková, Hutě NR (10), 11.vii.–31.vii.2007, 2 ex., MT, M. Omelková lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 21.ix.2005, 2 larvae on *Betula*. Nová Lhota, Vápenky (22), 21.ix.2005, 5 larvae on *Betula*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests. **General distribution:** Western Palaearctic. **Host plants:** *Betula* spp., *Corylus* spp., *Alnus* spp.

***Dineura stilata* (Klug, 1816)**

Material examined. Javorník, Jazevěč NNR (17), 10.iv.–12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Crataegus* spp.

***Dineura testaceipes* (Klug, 1816)**

Material examined. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 20.ix.2005, 5 larvae on *Crataegus* sp., J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Crataegus* spp., *Sorbus aucuparia*.

***Euura atra* (Jurine, 1807) species group**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 9.iv.–3.vi.2008, 12 ex. Poteč, Ploščiny NR (2), 6.vi.2006, 3 ex. Valašské Klobouky, Bílé potoky NR (3), 11.v.–13.vii.2006, 27 ex. Žitková, Hutě NR (10), 9.v.2007, 6 ex. Javorník, Jazevčí NNR (18), 12.v.2009, 5 ex. Radějov, Kútky NR (28), 12.v.2008, 2 ex. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in willow carrs, meadow spring areas, and marshes. **General distribution:** Western Palaearctic. **Host plants:** *Salix alba*, *S. fragilis*, *S. viminalis*, *S. cinerea*, *S. purpurea*, *S. eleagnos*.

Comments. *Euura atra* group is made up of eight species based on different host plant associations (KOPELKE 1996). Five species may be expected in the Czech Republic. For the difficulties in the identification of adults, all material is cited here under the aggregate name, *Euura atra*.

***Euura mucronata* (Hartig, 1837) species group**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Poteč, Ploščiny NR (2), 9.iv.–23.vii.2006, 12 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 9.iv.–13.vii.2006, 18 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 2 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 4 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 12.v.2009, 3 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 2 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 13.v.2008, 2 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 20.iv.–7.vi.2005, 15 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadow spring areas, willow carrs, and marshes. **General distribution:** Western Palaearctic, Nearctic. **Host plants:** *Salix aurita*, *S. caprea*, *S. cinerea*.

Comment. *Euura mucronata* group is made up of 13 species based on different host plant associations (KOPELKE 2001). Four of them may be expected in the Czech Republic. For the difficulties in the identification of adults, all material is cited here under the aggregate name, *Euura mucronata*.

***Euura venusta* (Brischke, 1883)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix aurita*, *S. caprea*.

***Hemichroa australis* (Serville, 1823)**

Material examined. Strání, Svinárský potok brook (33), 26.vii.2005, MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Alnus* spp.

***Hoplocampa chrysorrhoea* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 5 ex. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 2 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. Strání, Záhumenice NM (31), 7.iv.–25.v.2010, 5 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows with scattered shrubs, scrub and along forest margins. **General distribution:** Western Palaearctic. **Host plant:** *Prunus spinosa*.

***Hoplocampa crataegi* (Klug, 1816)**

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Poteč, Ploščiny NR (2), 22.vi.2006, 2 ex. Žitková, Hutě NR (10), 19.vi.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadows with scattered shrubs, scrub and along forest margins. **General distribution:** Western Palaearctic. **Host plants:** *Crataegus* spp.

***Hoplocampa flava* (Linnaeus, 1761)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Prunus* spp.

***Hoplocampa fulvicornis* (Panzer, 1801)**

Published record. MACEK (2009): Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex. Petrůvka, Kladenska brook (5), 21.iv.–12.v.2008, 3 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (18), 12.v.2009, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows with scattered shrubs, in scrub, and along forest margins. **General distribution:** Western Palaearctic. **Host plants:** *Prunus spinosa*, *P. domestica*.

***Hoplocampa minuta* (Christ, 1791)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 3 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. MT, J. Macek lgt. Petrůvka, Kladenska brook (5), 21.iv.2008, 1 ex., MT, J. Macek lgt. Vyškovec (12), 11.iv.2007, 1 ex., swept, O. Konvička lgt. Strání, Javorina NNR (32), 12.v.2009, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows with scattered shrubs, in scrub, and along forest margins. **General distribution:** Palaearctic. **Host plants:** *Prunus* spp.

***Mesoneura opaca* (Fabricius, 1775)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in oak stands throughout the area. **General distribution:** Western Palaearctic. **Host plants:** *Quercus* spp.

***Nematinus bilineatus* (Klug, 1819)**

Material examined. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Nematinus fuscipennis* (Serville, 1823)**

Material examined. Nedašova Lhota, Zápechová (4), 9.vi.2005, 1 ex., swept, P. Chvojka lgt. Nová Lhota, Vápenky (22), 22.ix.2005, 6 larvae on *Alnus glutinosa*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp., *Carpinus betulus*.

***Nematinus luteus* (Panzer, 1803)**

Material examined. Nová Lhota, Vápenky (22), 25.vii.2005, 2 larvae on *Alnus glutinosa*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Alnus* spp., *Corylus avellana*.

***Nematinus steini* Blank, 1998**

Material examined. Kněždub, Čertoryje NNR (16), 29.v.2006, 2 ex., MT. Nová Lhota, Vápenky (22), 25.vii.2005, 8 larvae on *Alnus glutinosa*. Javorník, Filipovské údolí (30), 25.vii.2005, 12 larvae on *Alnus glutinosa*. Strání, Svinárský potok brook (33), 25.vii.2005, 5 larvae on *Alnus glutinosa*. All. J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in alder carrs. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Nematus bergmanni* Dahlbom, 1835**

Material examined. Poteč, Ploščiny NR (2), 23.vi.–31.vii.2006, 5 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 3 ex.; 23.viii.2006, 2 ex., all MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 16.vii.2008, 2 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 3.–19.vii.2006, 5 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 19.vi.–21.viii.2007, 16 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 17.vi.–12.viii.2007, MT, M. Omelková lgt. Radějov, Žerotín NM (13), 26.vi.2008, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (18), 12.v.–25.vi.2009, 9 ex., MT, J. Macek lgt. Kněždub, Čertoryje NNR (21), 25.v.–9.ix.2010, 39 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 10.iv.–16.ix.2009, 35 ex., MT, J. Macek lgt. Javorník, Machová NR (25), 9.v.–3.x.2007, 27 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 15.vii.2008, 1 ex., MT, J. Macek lgt. Radějov, Kútky NR (28), 15.vii.2008, 2 ex., MT, J. Macek lgt.; 25.v.–9.ix.2010, 65 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 25.v.–12.viii.2010, 5 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in willow carrs, riverine willow scrub, and meadow spring areas. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Nematus caeruleocarpus* Hartig, 1837**

Material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Javorník, Jazevčí NNR (18), 23.vi.2009, 1 ex. Nová Lhota, Vápenky (22), 10.iv.–22.vi.2009, 4 ex. Javorník, Machová NR (25), 9.–28.v.2007, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, riverine willow scrub, and meadow spring areas. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Nematus fagi* Zaddach, 1876**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 1 ex., MT, M. Omelková lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 29.viii.2005, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 19.v.–25.viii.2005, 15 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in beech forests. **General distribution:** Western Palaearctic. **Host plant:** *Fagus sylvatica*.

***Nematus ferrugineus* Förster, 1854**

Material examined. Javorník, Machová NR (24), 9.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Nematus fuscomaculatus* Förster, 1854**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Javorník, Jazevčí NNR (18), 10.iv.–25.vi.2009, 12 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Very local in willow carrs and riverine willow scrub. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp. (PSCHORN-WALCHER & ALTENHOFER 2006).

Nematus hypoxanthus Förster, 1854

Material examined. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 2 ex. Javorník, Jazevčí NNR (18), 12.v.–25.vi.2009, 5 ex. Kněždub, Čertoryje NNR (21), 12.viii.2010, 1 ex. Javorník, Machová NR (25), 28.v.–18.vi.2007, 5 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, meadow spring areas, and riverine willow scrub. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

Nematus incompletus Förster, 1854

Material examined. Javorník, Jazevčí NNR (17, 18), 12.v.–14.ix.2009, 18 ex. Nová Lhota, Hryzlácké Mlýny (19), 15.vii.2009, 2 ex. Javorník, Machová NR (25), 21.x.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic species-rich meadows. **General distribution:** Palaearctic. **Host plants:** *Lathyrus vernus* (KONTUNIEMI 1960), *L. pratensis* (new record).

Comments. TAEGER *et al.* (1998) reported *Populus tremula* and *Salix* spp. as food plants for *N. incompletus*. However, they confused *N. incompletus* with *N. fuscomaculatus*. KONTUNIEMI (1960) recorded *Lathyrus vernus* as a food plant for *Pteronidea segmentaria* which is conspecific with *Nematus incompletus*.

Nematus leucotrochus Hartig, 1837

Material examined. Strání, Javorina NNR (32), 23.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Ribes uva-crispa*, *R. nigrum*, *R. rubrum*.

Nematus lucidus Panzer, 1801

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.2008, 1 ex. Poteč, Ploščíny NR (2), 6.vii.2006, 1 ex., 23.vii.2006, 1 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (17, 18), 9.iv.–24.viii.2009, 8 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–15.vii.2009, 13 ex. Nová Lhota, Vápenky (22), 5.viii.2009, 2 ex. Radějov, Radějovská obora – Mandát brook (27), 22.iv.–5.viii.2008, 7 ex. Radějov, Kútky NR (28), 22.iv.–5.viii.2008, 10 ex. Strání, Záhumenice NM (31), 25.v.–9.ix.2010, 11 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in tall mesic and xeric scrub. **General distribution:** Palaearctic. **Host plants:** *Prunus spinosa*, *Crataegus* spp.

***Nematus melanocephalus* Hartig, 1837**

Material examined. Kněždub, Čertoryje NNR (16), 20.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Corylus avellana*, *Salix* spp., *Betula* spp., *Populus* spp., *Ulmus* spp.

***Nematus miliaris* (Panzer, 1797)**

Material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex. Javorník, Machová NR (25), 15.vi.2010, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Nematus myosotidis* (Fabricius, 1804)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23, 24); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–23.ix.2008, 18 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.–23.vii.2006, 7 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 5 ex.; 20.ix.2006, 2 ex.; all MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 16.vii.–4.viii.2008, 8 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 12.viii.2007, 7 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 29.v.–21.viii.2007, MT, J. Macek lgt. Výškovec (12), 22.vii.2007, 2 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 12.v.–24.ix.2008, 13 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 4.vi.–16.ix.2009, 25 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 4.vi.–16.ix.2009, 14 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 16.vi.2010, 2 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 12.v.2009, 4 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (18), 9.iv.–14.ix.2009, 42 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 5.viii.2005, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows. **General distribution:** Palaearctic. **Host plants:** *Onobrychis* spp., *Trifolium* spp., *Vicia cracca*, *Lathyrus pratensis*.

***Nematus notabilis* (Konow, 1903)**

Material examined. Javorník, Machová NR (23), 22.viii.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

***Nematus oligospilus* Förster, 1854**

Material examined. Kněždub, Čertoryje NNR (21), 14.vii.2010, 3 ex. Javorník, Machová NR (23), 18.vi.2007, 1 ex. Strání, Javorina NNR (32), 16.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, meadow spring areas and riverine willow scrub. **General distribution:** Cosmopolitan. **Host plants:** *Salix* spp.

***Nematus papillosus* (Retzius, 1783)**

Material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 23.vi.–30.vii.2006, 3 ex. Javorník, Jazevčí NNR (18), 12.v.2009, 1 ex. Nová Lhota, Vápenky (22), 15.vii.2009, 1 ex. Javorník, Machová NR (25), 13.vii.2010, 1 ex. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, meadow spring areas, and riverine willow scrub. **General distribution:** Palaearctic. **Host plants:** *Salix* spp., *Populus tremula*.

Comments. *Nematus papillosus* is conspecific with *Nematus melanaspis* Hartig, 1840 (see TAEGER *et al.* 2010).

***Nematus pavidus* Serville, 1823**

Material examined. Javorník, Jazevčí NNR (17), 24.viii.2009, 1 ex. Kněždub, Čertoryje NNR (21), 14.vii.2010, 1 ex. Javorník, Machová NR (25), 10.viii.2010, 1 ex. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex. Strání, Svinárský potok brook (33), 29.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, meadow springs areas, and riverine willow scrub. **General distribution:** Palaearctic. **Host plants:** *Salix* spp., *Populus tremula*.

***Nematus poecilonotus* Zaddach, 1876**

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Betula pendula*.

***Nematus respondens* Förster, 1854**

Material examined. Petrůvka, U Petrůvky NM (1), 4.viii.2008, 2 ex. Javorník, Jazevčí NNR (18), 14.ix.2009, 1 ex. Javorník, Machová NR (24), 18.vi.2007, 1 ex. Strání, Záhumenice NM (31), 9.vii.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in willow carrs, meadow spring areas, and riverine willow scrub. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp.

***Nematus spiraeae* Zaddach, 1883**

Material examined. Strání, Javorina NNR (32), 5.viii.2009, 6 larvae on *Aruncus vulgaris*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Aruncus vulgaris*.

Nematus sylvestris Cameron, 1884

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenska brook (5), 23.vi.2008, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt. Strání, Javorina NNR (32), 15.vii.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local and rare in willow carrs, meadow spring areas, and riverine willow scrub. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp.

Nematus tibialis Newman, 1837

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic, Nearctic. **Host plant:** *Robinia pseudacacia*.

Comments. A Nearctic species introduced into Europe together with its host plant from North America.

Nematus umbratus Thomson, 1871

Material examined. Javorník, Machová NR (23), 8.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Only a single specimen has been recorded. **General distribution:** Holarctic. **Host plants:** *Betula* spp., *Alnus viridis*, *Corylus* spp.

Comments. The species is widely distributed in the western Palaearctic and Nearctic Regions; in central Europe it has been recorded in Slovakia, Austria, Germany, and Poland (TAEGER *et al.* 2008). This is the first record for the Czech Republic.

Nematus vicinus Serville, 1823

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, Kladenska brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Populus* spp., *Betula* spp., *Salix* spp., *Rumex obtusifolius*, *R. crispus*.

Nematus viridis Stephens, 1835

Material examined. Poteč, Ploščiny NR (2), 6.vi.–23.vii.2006, 5 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.–3.vii.2006, 2 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed forests with birch stands. **General distribution:** Palaearctic. **Host plants:** *Betula* spp.

***Nematus viridissimus* Möller, 1882**

Material examined. Petrůvka, Kladenka brook (5), 12.v.2007, 1 ex., 16.vii.2007, 2 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.viii.2006, 1 ex., MT, M. Omelková lgt. Kněždub, Čertoryje NNR (21), 12.viii.2010, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 3.vi.2008, 1 ex.; 24.viii.2008, 1 ex.; all MT, J. Macek lgt. Javorník, Machová NR (25), 7.ix.2010, 1 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 15.vii.–26.viii.2008, 5 ex., MT, J. Macek lgt. Radějov, Kútky NR (28), 15.vii.–26.viii.2008, 5 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 26.vii.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in alder carrs. **General distribution:** Western Palaearctic. **Host plants:** *Alnus* spp.

***Pachynematus clitellatus* (Serville, 1823)**

Material examined. Javorník, Machová NR (23), 8.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Cyperaceae, Poaceae.

***Pachynematus fallax* (Serville, 1823)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23, 24); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex. Petrůvka, Kladenka brook (5), 26.viii.2008, 1 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex.; 25.viii.2007, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2008, 1 ex.; 24.viii.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Pachynematus gehrsi* (Konow, 1903)**

Material examined. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Polygonum* spp.

***Pachynematus itoi* Okutani, 1955**

Material examined. Javorník, Machová NR (23), 2.viii.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Larix* spp.

Comments. The species was described from Japan (OKUTANI 1955) and further recorded from China (WEI *et al.* 2006), Russia, and Austria (TAEGER *et al.* 2006). This is the first record for the Czech Republic.

***Pachynematus moerens* (Förster, 1854)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic, Nearctic. **Host plants:** Unknown.

***Pachynematus obductus* (Hartig, 1837)**

Material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 15.vii.2009, 1 ex. Strání, Javorina NNR (32), 23.vi.–5.viii.2009, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Western Palaearctic, Nearctic. **Host plants:** *Carex*, *Festuca*, *Poa* spp.

***Pachynematus pallescens* (Hartig, 1837)**

Material examined. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic, Nearctic. **Host plants:** *Picea* spp.

***Pachynematus vagus* (Fabricius, 1781)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.viii.2006, MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.–23.viii.2006, 5 ex., MT, M. Omelková lgt. Lopeník, Hrubý Mechnáč (9), 19.vii.–23.viii.2006, 5 ex.; 17.vi.2007, 2 ex.; all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 3 ex., MT, M. Omelková lgt. Výskovec (12), 12.viii.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17, 18), 9.iv.–14.ix.2009, 12 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–12.vi.2009, 3 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 25.vii.2005, 2 ex.; 29.viii.2005, 1 ex., all MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic and humid meadows, meadow and forest spring areas, and forest clearings. **General distribution:** Holarctic. **Host plant:** *Carex nigra*.

***Phyllocolpa leucapsis* (Tischbein, 1846)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 11.v.–5.vi.2006, 4 ex. Žitková, Hutě NR (10), 29.v.2007, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Javorník, Machová NR (24), 9.v.–25.v.2007, 3 ex. Strání, Svinárský potok brook (33), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in willow carrs, meadow spring areas, and alluvial forests. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp.

***Phyllocolpa leucosticta* (Hartig, 1837)**

Material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 12.v.2009, 2 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 9.v.–18.vi.2007, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadow spring areas, alluvial and humid deciduous forests. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp.

***Pikonema insigne* (Hartig, 1840)**

Material examined. Petrůvka, Kladenka brook (5), 21.iv.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Picea abies*.

***Pikonema scutellatum* (Hartig, 1837)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 2 ex., MT, M. Omelková lgt.; 3.vi.2007, 1 ex., MT, J. Macek lgt. Nedašov, Holý vrch (6), 8.v.2006, 25 ex., swept, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 4.vi.2008, 1 ex., MT, J. Macek lgt. Radějov, Kútky NR (28), 4.vi.2008, MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, MT, J. Macek lgt. Strání, Svinárský potok brook (33), 7.vi.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in spruce stands in coniferous and mixed forests. **General distribution:** Western Palaearctic. **Host plants:** *Picea* spp.

***Pontania bridgmanii* (Cameron, 1883)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23, 24).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Salix caprea*, *S. aurita*, *S. cinerea*.

***Pontania pedunculi* (Hartig, 1837)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Salix cinerea*.

***Pristiphora abbreviata* (Hartig, 1837)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Pyrus* spp.

***Pristiphora abietina* (Christ, 1791)**

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Picea abies*.

***Pristiphora albitibia* (Costa, 1859)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 15.vii.2009, 1 ex. Kněždub, Čertoryje NNR (21), 9.v.–20.vi.2010, 4 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic species-rich meadows. **General distribution:** Palaearctic. **Host plants:** *Vicia* spp.

***Pristiphora appendiculata* (Hartig, 1837)**

Material examined. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex. Both MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in undergrowth of deciduous and mixed forests. **General distribution:** Holarctic. **Host plants:** *Ribes* spp.

***Pristiphora armata* (Thomson, 1862)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–25.viii.2008, 7 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex., MT, M. Omelková lgt.; 13.vii.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenska brook (5), 3.vi.–16.vii.2008, 5 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 21.viii.–2.ix.2007, 3 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 26.vi.2008, 1 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 15.vii.2009, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 13.v.–14.ix.2009, 35 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–6.viii.2009, 18 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 10.iv.–15.vii.2009, 12 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 4.vi.–26.viii.2008, 7 ex., MT, J. Macek lgt. Javorník, Filipovské údolí (30), 20.ix.2005, 2 larvae on *Crataegus* sp., J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in shrubs along forest margins or scattered in meadows. **General distribution:** Western Palaearctic. **Host plants:** *Crataegus* spp., *Prunus avium*.

***Pristiphora biscalis* (Förster, 1854)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex. All MT, J. Macek lgt. Poteč, Ploščiny NR (2), 11.v.–6.vi.2006, 3 ex. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Javorník, Machová NR (23), 9.vii.2007, 1 ex.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed together with blackthorn scrub. **General distribution:** Western Palaearctic. **Host plants:** *Prunus spinosa*, *Rosa canina*, *Potentilla fruticosa*.

***Pristiphora bufo* Brischke, 1833**

Published record. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Larix decidua*.

Comments. BENEŠ (1989) reported the species from Moravia as *Pristiphora pallidula* (Konow, 1902).

***Pristiphora compressa* (Hartig, 1837)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt.; 3.vi.2007, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed together with spruce in mixed and coniferous forests. **General distribution:** Palaearctic. **Host plants:** *Picea* spp.

***Pristiphora conjugata* (Dahlbom, 1835)**

Material examined. Kněždub, Čertoryje NNR (16), 10.vii.2006, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Javorník, Machová NR (24), 9.v.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in meadow spring fens, willow carrs, and riverine galleries. **General distribution:** Palaearctic. **Host plants:** *Salix* spp.

***Pristiphora decipiens* (Enslin, 1916)**

Material examined. Strání, Javorina NNR (32), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Picea* spp.

***Pristiphora geniculata* (Hartig, 1840)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaeartic. **Host plant:** *Sorbus aucuparia*.

***Pristiphora gerula* (Konow, 1904)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaeartic. **Host plants:** *Picea* spp.

***Pristiphora insularis* (Rohwer, 1910)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Javorník, Jazevčí NNR (17), 9.iv.–12.v.2009, 2 ex. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in tall mesic and xeric scrub and meadows with scattered rosebush. **General distribution:** Holarctic. **Host plants:** *Rosa* spp.

***Pristiphora laricis* (Hartig, 1837)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaeartic. **Host plant:** *Larix decidua*.

***Pristiphora leucopodia* (Hartig, 1837)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 3.vi.2007, 1 ex., M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaeartic. **Host plants:** *Picea* spp.

***Pristiphora leucopus* Hellén, 1948**

Material examined. Radějov, Žerotín NM (13), 4.vi.2008, 1 ex. Kněždub, Čertoryje NNR (16), 9.v.–31.vii.2006, 8 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaeartic. **Host plants:** *Tilia* spp.

Comments. *Pristiphora leucopus* is known from various parts of Europe; in central Europe, it has been recorded from Slovakia and Germany (TAEGER *et al.* 2006). These are the first records for the Czech Republic.

***Pristiphora luteipes* Lindqvist, 1955**

Material examined. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palearctic. **Host plants:** *Salix* spp.

Comments. The species was cited by VIKBERG (2006) from Bohemia. This is the first record for Moravia.

***Pristiphora maesta* (Zaddach, 1876)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palearctic. **Host plants:** *Malus* spp.

***Pristiphora monogyniae* (Hartig, 1840)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex. Radějov, Žerotín NM (13), 12.v.2008, 1 ex. Radějov, Kútky NR (28), 13.v.2008, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 2 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. Radějov, Radějovská obora – Mandát brook (27), 13.v.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in tall mesic and xeric scrub. **General distribution:** Western Palearctic. **Host plant:** *Prunus spinosa*.

***Pristiphora nigella* (Förster, 1854)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 11.v.–5.vi.2006, 4 ex. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed with spruce stands in mixed and coniferous forests. **General distribution:** Western Palearctic. **Host plants:** *Picea* spp.

***Pristiphora nigriceps* (Hartig, 1840)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 3.vi.2007, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palearctic. **Host plants:** *Picea* spp.

***Pristiphora pallidiventris* (Fallén, 1808)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 25.viii.–23.ix.2008, 3 ex. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex. Javorník, Jazevčí NNR (17, 18),

9.iv.–24.viii.2009, 8 ex. Nová Lhota, Hryzlácké Mlýny (19), 6.viii.2009, 2 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in deciduous and mixed forests. **General distribution:** Holarctic. **Host plants:** *Rubus* spp., *Filipendula ulmaria*, *Geum* spp., *Potentilla* spp.

Pristiphora parva (Hartig, 1837)

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Picea* spp.

Pristiphora platycerus (Hartig, 1840)

Published records. MACEK (2009) [as *Stauronematus compressicornis* (Fabricius, 1804)]: Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 2 ex. Javorník, Jazevčí NNR (17), 12.v.–5.viii.2009, 4 ex. Javorník, Machová NR (26), 10.viii.2010, 1 ex. Nová Lhota, Vápenky (22), 4.vi.–5.viii.2009, 3 ex. Strání, Záhumenice NM (31), 16.vi.–12.viii.2010, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed together with the host plant. **General distribution:** Palaearctic. **Host plant:** *Populus tremula*.

Pristiphora pseudodecipiens Beneš et Křístek, 1976

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.–22.vi.2008, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt. Sidonie, Sidonie NR (7), 16.vi.2010, 1 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 17.vi.2007, MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in spruce stands in mixed and coniferous forests. **General distribution:** Western Palaearctic. **Host plants:** *Picea* spp.

Pristiphora punctifrons (Thomson, 1871)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in tall mesic and xeric scrub and in meadows with scattered shrubs. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

***Pristiphora rufipes* (Serville, 1823)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Aquilegia* spp., *Thalictrum* spp.

***Pristiphora saxesenii* (Hartig, 1837)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 3.vi.2007, 1 ex., MT, M. Omelková lgt.; 11.v.–5.vi.2006, 4 ex., MT, J. Macek lgt. Svatý Štěpán, Chladný vrch NM (8), 16.vi.2010, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in spruce stands in mixed and coniferous forests. **General distribution:** Western Palaearctic. **Host plants:** *Picea* spp.

***Pristiphora subbifida* (Thomson, 1871)**

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Kněždub, Čertoryje NNR (15), 10.v.2006, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Nová Lhota, Hryzácké Mlýny (19), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in oak-hornbeam and sycamore-beech forests. **General distribution:** Western Palaearctic. **Host plants:** *Acer campestre*, *A. pseudoplatanus*.

***Pristiphora subopaca* Lindqvist, 1955**

Material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 2 ex. Valašské Klobouky, Bílé potoky NR (3), 31.vii.2006, 2 ex. Žitková, Hutě NR (10), 29.v.2007, 1 ex. Javorník, Jazevčí NNR (18), 10.iv.–24.viii.2009, 14 ex. Kněždub, Čertoryje NNR (21), 16.vi.–9.ix.2010, 6 ex. Javorník, Machová NR (23), 9.vii.–22.viii.2007, 6 ex. Radějov, Radějovská obora – Mandát brook (27), 26.vi.2008, 1 ex. Radějov, Kútky NR (28), 26.vi.–15.vii.2008, 4 ex. Strání, Javorina NNR (32), 15.vii.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in willow carrs, meadow spring areas, and riverine galleries. **General distribution:** Western Palaearctic. **Host plants:** *Salix* spp.

Comments. The species was formerly included in the aggregate taxon *Pristiphora melanocarpa* (Hartig, 1840) until LINDQVIST (1955) recognized it as a valid species. It is known from Scandinavia and Italy. Here it is recorded for the first time for the Czech Republic.

***Pristiphora testacea* (Jurine, 1807)**

Material examined. Nová Lhota, Hryzlácké Mlýny (19), 24.viii.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Betula* spp.

***Pristiphora tetrica* (Zaddach, 1883)**

Material examined. Javorník, Machová NR (23), 9.v.2007, 1 ex., MT. Strání, Javorina NNR (32), 12.v.2009, 6 ex., MT; 18.vi.2008, 27 larvae on *Acer pseudoplatanus*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Very local in montane sycamore-beech forests. **General distribution:** Western Palaearctic. **Host plant:** *Acer pseudoplatanus*.

***Pseudodineura fuscula* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex. Poteč, Ploščíny NR (2), 11.v.–6.vi.2006, 3 ex. Javorník, Jazevčí NNR (17), 10.iv.–2.vi.2009, 5 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex. Strání, Svinárský potok brook (33), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic and humid meadows. **General distribution:** Western Palaearctic. **Host plants:** *Ranunculus* spp.

Subfamily Selandriinae

***Aneugmenus coronatus* (Klug, 1818)**

(VU)

Material examined. Poteč, Ploščíny NR (2), 23.vii.2006. 2 ex. Kněždub, Čertoryje NNR (15), 28.vii.2005, 1 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 25.vii.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local and rare in fern undergrowth of montane mixed and deciduous forests. **General distribution:** Palaearctic. **Host plants:** Various ferns (Pteridophyta).

***Birka annularis* (Thomson, 1870)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.2008, 1 ex. Javorník, Jazevčí NNR (17), 10.iv.–14.ix.2009, 34 ex. Nová Lhota, Hryzlácké Mlýny (19), 6.viii.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic species-rich meadows in the southern part of the area. **General distribution:** Palaearctic. **Host plant:** Unknown.

***Birka cinereipes* (Klug, 1816)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–23.ix.2008, 9 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex.; 20.ix.2006, 3 ex., all MT, M. Omelková lgt. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex.; 4.viii.2008, 2 ex., all MT, J. Macek lgt. Svatý Štěpán, Chladný vrch NM (8), 10.viii.2010, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 19.vii.2006, 1 ex., MT, M. Omelková lgt.; 11.vii.–21.viii.2007, 5 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 15.vii.2008, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 23.vi.–5.viii.2009, 3 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 12.v.2009, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in humid and mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Myosotis* spp.

***Dolerus aeneus* Hartig, 1837**

Material examined. Poteč, Ploščiny NR (2), 11.2006, 1 ex.; 6.vi.2006, 5 ex., all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 6 ex.; 5.vi.2006, 2 ex., all MT, J. Macek lgt.; Lopeník, Hrubý Mechnáč (9), 6.v.2006, 3 ex., MT, M. Omelková lgt. Javorník, Machová NR (23), 9.v.2007, 2 ex.; 28.v.2007, 1 ex., all J. Macek lgt. Strání, Javorina NNR (32), 3.vi.2009, 1 ex.; 23.vi.2009, 4 ex., all MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Dolerus aericeps* Thomson, 1871**

Material examined. Vyškovec (12), 22.vii.2007, 1 ex., MT, M. Omelková lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Equisetum* spp.

***Dolerus anthracinus* (Klug, 1818)**

Material examined. Kněždub, Čertoryje NNR (15), 14.v.2008, 2 larvae on *Poa* sp. Strání, Javorina NNR (32), 12.v.2009, 1 ex., MT. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Dolerus asper* Zaddach, 1859**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex., 6.vi.2006, 2 ex. Radějov, Radějovská obora – Mandát brook (27), 22.iv.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** Cyperaceae.

***Dolerus bimaculatus* (Geoffroy, 1785)**

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 2 ex.; 6.vi.2006, 1 ex., all J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 17.vi.2004, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt.; 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 18.vi.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in humid and mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Equisetum arvense*, *E. palustre*.

***Dolerus brevicornis* Zaddach, 1859**

Published record. MACEK (2008): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and humid meadows. **General distribution:** Holarctic. **Host plant:** *Carex panicea*.

***Dolerus cothurnatus* Serville, 1823**

Material examined. Žitková, Hutě NR (10), 9.v.2007, 2 ex.; 19.vi.2007, 7 ex., all MT, J. Macek lgt. Vyškovec, Chmelínek NM (11), 17.v.2007, 2 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** *Equisetum* spp.

***Dolerus eversmanni* Kirby, 1882**

Material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Javorník, Machová NR (25), 28.v.2010, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in humid meadows with the occurrence of the host plants. **General distribution:** Palaearctic. **Host plants:** *Equisetum* spp.

***Dolerus ferrugatus* Serville, 1823**

Material examined. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex.; 3.vii.2007, 6 ex., all MT, M. Omelková lgt. Javorník, Machová NR (24), 18.vi.2007, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in humid meadows and marshes. **General distribution:** Western Palaearctic. **Host plant:** *Juncus effusus*.

***Dolerus fumosus* Stephens, 1835**

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex.; 6.vi.2006, 5 ex.; 22.vi.2006, 1 ex.; all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT, M. Omelková lgt. Petrůvka,

Sawflies (Hymenoptera: Symphyta)

Kladenka brook (5), 3.vi.2008, 2 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 4 ex., MT, M. Omelková lgt. Vyškovec, Chmelinec NM (11), 29.iv.2007, 1 ex., MT, M. Omelková lgt. Kněždub, Čertoryje NNR (15), 20.vi.2006, 6 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 12.v.2009, 8 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 2 ex., MT, J. Macek lgt. Suchov, Suchovské louky (20), 8.v.2007, 1 ex., swept, J. Macek lgt. Javorník, Machová NR (26), 15.vi.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows. **General distribution:** Western Palearctic. **Host plant:** Unknown, probably various Poaceae.

Dolerus germanicus (Fabricius, 1775)

Published record. MACEK (2009): Radějov, Kútky NR (28).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 13.vii.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 19.vi.2007, 1 ex.; 11.vii.2007, 1 ex., all MT, J. Macek lgt. Kněždub, Čertoryje NNR (16), 13.v.2008, 1 ex., swept, J. Macek lgt. Javorník, Jazevčí NNR (17), 14.ix.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 3 ex., swept from *Equisetum*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in humid and mesic meadows. **General distribution:** Palearctic. **Host plants:** *Equisetum* spp.

Dolerus gessneri André, 1880

Material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** *Equisetum* spp.

Dolerus gonager (Fabricius, 1771)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex.; 6.vi.2006, 1 ex., all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 21.iv.2008, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 9.v.2007, 2 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 29.iv.2007, 1 ex., MT, M. Omelková lgt. Vyškovec (12), 11.iv.2007, 1 ex., swept, O. Konvička lgt. Javorník, Jazevčí NNR (17), 12.v.2009, 4 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows. **General distribution:** Palearctic. **Host plants:** Poaceae.

Dolerus haematodes (Schrank, 1781)

Material examined. Poteč, Ploščiny NR (2), 11.v.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palearctic. **Host plants:** Poaceae.

***Dolerus harwoodi* Benson, 1947**

Published record. MACEK (2008a): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Unknown, probably various Poaceae.

***Dolerus liogaster* Thomson, 1871**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Dolerus madidus* (Klug, 1818)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT, M. Omelková lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Juncus effusus*.

***Dolerus niger* (Linnaeus, 1767)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 3 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.2006, 7 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 29.v.2007, 2 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 12.v.2009, 5 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 23.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Dolerus nigratus* (Müller, 1776)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.iv.2008, 1 ex.; 12.v.2008, 1 ex., all MT, J. Macek lgt. Poteč, Ploščiny NR (2), 11.v.2006, 2 ex.; 6.vi.2006, 1 ex.; all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex., MT, M. Omelková lgt.; 11.v.2006, 2 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.iv.2006, 1 ex., MT, M. Omelková lgt.; 9.v.2007, 5 ex., MT, J. Macek lgt. Výškovec (12), 11.iv.2007, 1 ex., swept, O. Konvička lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic and humid meadows. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Dolerus nitens* Zaddach, 1859**

Material examined. Strání, Javorina NNR (32), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic. **Host plants:** Poaceae.

***Dolerus picipes* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 6 ex.; 3.vi.2008, 1 ex., all MT, J. Macek lgt. Poteč, Ploščiny NR (2), 11.v.2006, 5 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 11.v.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt.; 9.v.2007, 3 ex.; 29.v.2007, 1 ex., all MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 12.v.2009, 12 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic and xeric meadows. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Dolerus puncticollis* Thomson, 1871**

Material examined. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. Radějov, Radějovská obora – Mandát brook (27), 22.iv.2008, 1 ex. Radějov, Kútky NR (28), 22.iv.2008, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Dactylis glomerata*.

***Dolerus sanguinicollis* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 2 ex.; 23.vi.2008, 5 ex. Svatý Štěpán, Chladný vrch NM (8), 24.v.2010, 1 ex. Žitková, Hutě NR (10), 29.v.2007, MT, 4 ex. Radějov, Radějovská obora – Mandát brook (27), 13.v.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** Unknown, probably various Poaceae.

***Dolerus triplicatus* (Klug, 1818)**

(VU)

Material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 29.iv.2007, 1 ex., MT, M. Omelková lgt. Vyškovec (12), 11.iv.2007, 1 ex., swept, O. Konvička lgt. Javorník, Jazevčí NNR (18), 12.v.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in humid meadows, marshes and spring fens. **General distribution:** Western Palaearctic. **Host plants:** *Juncus effusus*, *J. filiformis*.

***Dolerus varispinus* Hartig, 1837**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 2 ex.; 6.vi.2006, 1 ex. Radějov, Žerotín NM (13), 12.v.2008, 3 ex. Javorník, Machová NR (26), 5.v.2010, 1 ex., MT. Strání, Javorina NNR (32), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and xeric meadows. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Dolerus vestigialis* (Klug, 1818)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Radějov, Kútky NR (28).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.2006, 5 ex.; 22.vi.2006, 2 ex.; 23.vii.2006, 2 ex., all MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 30.iv.2006, 1 ex.; 3.vi.2007, 1 ex., MT, M. Omelková lgt.; 11.v.2007, 4 ex.; 5.vi.2007, 1 ex.; 23.vi.2007, 1 ex.; all MT, J. Macek lgt. Svätý Štěpán, Chladný vrch NM (8), 5.v.–4.vii.2010, 5 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 2 ex.; 5.vi.2006, 1 ex.; all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 11 ex., MT, M. Omelková lgt.; 29.v.2007, 6 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (18), 12.v.2009, 5 ex.; 2.vi.2009, 9 ex.; 25.vi.2009, 1 ex.; all MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic and humid meadows. **General distribution:** Western Palaearctic. **Host plants:** *Equisetum* spp.

***Nesoselandria morio* (Fabricius, 1781)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–23.ix.2008, 15 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.2006, 2 ex., MT, J. Macek lgt.; Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 2 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 4.viii.2008, 2 ex., MT, J. Macek lgt. Svätý Štěpán, Chladný vrch NM (8), 4.vii.2010, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 19.vi.2007, 5 ex.; 31.vii.2007, 14 ex.; 21.viii.2007, 6 ex.; 2.ix.2007, 1 ex.; all MT, J. Macek lgt. Vyškovec, Chmelínek NM (11), 12.viii.2007, 2 ex., MT, M. Omelková lgt. Vyškovec (12), 12.viii.2007, 2 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 4.vi.–26.vi.2008, 4 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.–6.viii.2009, 9 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 10.iv.–24.viii.2009, 28 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 24.viii.2009, 1 spec., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 10.iv.–24.viii.2009, 12 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 25.v.–9.ix.2010, 8 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 15.vii.–24.viii.2009, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mesic meadows. **General distribution:** Holarctic, Oriental. **Host plants:** Polyphagous on various herbs.

***Selandria serva* (Fabricius, 1793)**

Material examined. Javorník, Machová NR (24), 6.vi.2005, 2 ex.; 28.v.2007, 1 ex.; all MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Stromboceros delicatulus* (Fallén, 1808)**

Material examined. Petrůvka, Kladenka brook (5), 16.vii.2008, 2 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.–25.viii.2005, 16 ex. Strání, Svinárský potok brook (33), 20.iv.–29.viii.2005, 25 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread with ferns in montane coniferous, mixed and deciduous forests. **General distribution:** Palaearctic, Oriental. **Host plants:** Various ferns (Pteridiophyta).

***Strongylogaster baikalensis* Naito, 1990**

Material examined. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Dryopteris filix-mas*, *Matteuccia struthiopteris* (MACEK 2010).

Comments. MACEK (2010) recorded this eastern Palaearctic species for the first time for the Czech Republic from various parts of Bohemia. This is the first record for Moravia.

***Strongylogaster macula* (Klug, 1817)**

(EN)

Material examined. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Holarctic, Oriental. **Host plant:** *Athyrium filix-femina*.

***Strongylogaster mixta* (Klug, 1817)**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 11.v.–5.vi.2006, 4 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Athyrium filix-femina* (MACEK 2010).

***Strongylogaster multifasciata* (Geoffroy, 1785)**

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic, Oriental. **Host plant:** *Pteridium aquilinum* (MACEK 2010).

Subfamily Tenthredininae

Aglaostigma aucupariae (Klug, 1817)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 2 ex. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 6 ex. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 9.v.2005, 3 ex. Strání, Svinárský potok brook (33), 19.vi.2005, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows, other grasslands, and deciduous forests. **General distribution:** Palaearctic. **Host plants:** *Galium* spp.

Aglaostigma discolor (Klug, 1817)

(VU)

Published record. MACEK (2008a): Nová Lhota, Vápenky – Hubertova chata hut (29).

Additional material examined. Svatý Štěpán, Chladný vrch NM (8), 16.vi.2010, 1 ex., MT. Strání, Javorina NNR (32), 5.ix.2010, many larvae on *Petasites*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in *Petasites* fringes of montane brooks. **General distribution:** Palaearctic. **Host plants:** *Petasites* spp., *Tussilago farfara*.

Comments. MACEK (2008a) recorded the species for the first time for Moravia based on larvae found on *Petasites hybridus*.

Aglaostigma fulvipes (Scopoli, 1763)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 2 ex. Poteč, Ploščiny NR (2), 11.v.2006, 6 ex.; 2.vi.2006, 2 ex.; 22.vi.2006, 2 ex. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex. Žitková, Hutě NR (10), 29.v.2007, 1 ex. Javorník, Jazevčí NNR (17, 18), 12.v.2007, 3 ex.; 2.vi.2007, 1 ex. Nová Lhota, Vápenky (22), 12.v.2009, 1 ex. Strání, Svinárský potok brook (33), 19.v.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in meadows, other grasslands, and deciduous forests. **General distribution:** Palaearctic. **Host plants:** *Galium* spp.

Aglaostigma lichtwardti (Konow, 1892)

(VU)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, MT, 3 ex., 23.vi.2006, MT, 1 ex. Nová Lhota, Vápenky (22), 3.vi.2009, MT, 1 ex. Strání, Javorina NNR (32), 21.ix.2009, many larvae on *Petasites*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in *Petasites* fringes of montane brooks. **General distribution:** Western Palaearctic. **Host plants:** *Petasites* spp.

***Aglaostigma nebulosum* (André, 1881)**

(VU)

Material examined. Strání, Javorina NNR (32), 26.vii.2005, many larvae on *Impatiens noli-tangere*, J. Macek lgt.; 12.v.2009, 15 adults collected on inflorescens of *Sambucus nigra*, J. Kabelák lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Impatiens noli-tangere*.

***Macrophya albicincta* (Schrank, 1776)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.vi.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in forests with well-developed shrub layer. **General distribution:** Western Palaearctic. **Host plants:** *Sambucus* spp., *Valeriana officinalis*, *Viburnum* spp.

***Macrophya albipuncta* (Fallén, 1808)**

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Kněždub, Čertoryje NNR (15), 9.v.–20.vi.2006, 12 ex. Javorník, Machová NR (23), 28.v.2007, 8 ex.; 13.v.2008, 5 ex. Javorník, Jazevčí NNR (17), 10.iv.–2.vi.2009, 15 ex. Nová Lhota, Hryzlácké Mlýny (19), 10.iv.–3.vi.2009, 8 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in species-rich mesic meadows. **General distribution:** Palaearctic. **Host plants:** *Geranium sylvaticum*; *G. sanguineum* (new record).

***Macrophya alboannulata* Costa, 1859**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.2008, 1 ex., MT. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 1 ex., MT. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT. Javorník, Jazevčí NNR (17, 18), 10.iv.–12.vi.2009, 5 ex., MT. Nová Lhota, Vápenky (22), 25.vii.2005, 1 ex., swept. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex., MT. Strání, Javorina NNR (32), 22.vi.2006, 1 ex., swept. Strání, Svinárský potok brook (33), 20.iv.–7.vi.2005, 3 ex., MT. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mixed and deciduous forests, forest clearings, and along forest margins. **General distribution:** Western Palaearctic. **Host plants:** *Sambucus* spp.

***Macrophya annulata* (Geoffroy, 1775)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex. Radějov, Žerotín NM (13), 2.vi.–15.vii.2008, 3 ex. Javorník, Jazevčí NNR (17), 25.vi.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in shrubs scattered in mesic and xeric meadows. **General distribution:** Palaearctic. **Host plants:** *Rosa* spp.

***Macrophya blanda* (Fabricius, 1775)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in mixed and deciduous forests with *Rubus* in undergrowth, perhaps restricted to the southern part of the area. **General distribution:** Palaearctic. **Host plant:** Unknown.

***Macrophya carinthiaca* (Klug, 1817)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Geranium* spp.

***Macrophya duodecimpunctata* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.–13.vii.2006, 3 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 23.v.–5.vi.2006, 4 ex.; 3.vi.2007, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 9.v.–19.vi.2007, 4 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.–16.vi.2009, 5 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 9.iv.–25.vi.2009, 8 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic and humid meadows, marshes, and humid forest clearings. **General distribution:** Western Palaearctic. **Host plants:** *Carex vesicaria*.

***Macrophya montana* (Scopoli, 1763)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploštiny NR (2), 22.vi.2006, 1 ex. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 1 ex.; 13.vii.2006, 3 ex. Javorník, Jazevčí NNR (17), 12.v.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in mixed and deciduous forests. **General distribution:** Western Palaearctic. **Host plant:** *Rubus fruticosus*.

***Macrophya parvula* (Konow, 1884)**

Published records. MACEK (2008a): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 9.iv.–24.viii. 2009, 12 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Confined to the southern part of the area where it may be relatively widespread and occur in mesic species-rich meadows with the presence of the host plant. **General distribution:** Western Palaearctic. **Host plant:** *Serratula tinctoria* (MACEK 2009).

Comments. Since a description of the species, it has not been found anywhere until the only recent record by CHEVIN (1997) from France. MACEK (2008a) recorded the species for the first time for the Czech Republic from the Čertoryje NNR and Machová NR in the White Carpathians and subsequently specified *Serratula tinctoria* as the first known food plant for the larvae (MACEK 2009). In the Bílé Karpaty PLA, the population of *M. parvula* seems to be stable as the specimens were collected throughout the whole period of field work in the current study (2005–2010).

***Macrophya punctumalbum* (Linnaeus, 1767)**

Material examined. Lopeník, Hrubý Mechnáč (9), 3.vii.2006, 1 ex., MT, M. Omelková lgt. Kněždub, Čertoryje NNR (15), 21.ix.2005, 1 larva on *Ligustrum*, J. Macek lgt. Javorník, Machová NR (26), 15.vi.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in mixed and deciduous forests, along forest margins, and in tall mesic and xeric scrub. **General distribution:** Western Palaearctic. **Host plants:** *Ligustrum vulgare*, *Fraxinus excelsior*.

***Macrophya recognata* Zombori, 1979**

(VU)

Material examined. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

***Macrophya ribis* (Schrank, 1781)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.–4.viii.2008, 2 ex. Velašské Klobouky, Bílé potoky NR (3), 5.vi.–13.vii.2006, 3 ex. Strání, Javorina NNR (32), 15.vii.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mixed and deciduous forests with *Sambucus* in undergrowth. **General distribution:** Western Palaearctic. **Host plants:** *Sambucus* spp.

***Macrophya sanguinolenta* (Gmelin, 1790)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–3.vi.2008, 3 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 12.v.–22.vi.2006, 3 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 2 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt.; 29.v.–19.vi.2007, 3 ex., MT, J. Macek lgt. Vyškovec (12), 22.vii.2007, 1 ex., M. Omelková lgt. Javorník, Jazevčí NNR (17), 9.iv.–2.vi.2009, 2 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 13.v.–22.vii.2009, 3 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.vi.2009, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (26), 24.v.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows, mixed and deciduous forests. **General distribution:** Palaearctic. **Host plants:** *Senecio* spp., *Veronica* spp., *Galeopsis ladanum*.

***Macrophya teutona* (Panzer, 1779)**

(VU)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex. Javorník, Machová NR (23), 30.vi.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Very local and rare in mesic and xeric meadows. **General distribution:** Western Palaearctic. **Host plants:** *Euphorbia cyparissias*, *E. esula* (VIKBERG 2010).

***Pachyprotasis antennata* (Klug, 1817)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.–31.vii.2006, 5 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex., MT, M. Omelková lgt.; 23.vi.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex.; 19.vii.2006, 1 ex., all M. Omelková lgt.; 19.vi.2007, MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 12.v.–25.vi.2009, 8 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic meadows. **General distribution:** Palaearctic, Oriental. **Host plants:** Polyphagous on various herbs and shrubs.

***Pachyprotasis rapae* (Linnaeus, 1767)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 12.v.–25.viii.2008, 15 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 6.vi.–31.vii.2006, 11 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.–23.viii.2006, 6 ex., MT, M. Omelková lgt.; 11.v.–20.ix.2006, 17 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 12.v.–23.vi.2008, 8 ex., MT, J. Macek lgt. Sidonie, Sidonie NR (7), 9.vi.2005, 1 ex., swept, P. Chvojka lgt. Lopeník, Hrubý Mechnáč (9), 23.v.–3.vii.2006, 5 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 29.v.–31.vii.2006, 5 ex., MT, J. Macek lgt. Vyškovec, Chmelinec NM (11), 23.vii.2007, 1 ex., MT, M. Omelková lgt. Vyškovec (12), 22.vii.–12.viii.2005, 3 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17, 18), 9.iv.–24.viii.2009, 23 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 2 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 10.iv.–15.vii.2009, 10 ex., MT, J. Macek lgt. Radějov, Radějovská obora – Mandát brook (27), 5.viii.2008, 1 ex., MT, J. Macek lgt.

Sawflies (Hymenoptera: Symphyta)

Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.–28.vi.2005, 3 ex., MT, J. Macek lgt. Javorník, Filipovské údolí (30), 20.ix.2005, 2 larvae on *Scrophularia*, MT, J. Macek lgt. Strání, Javorina NNR (32), 10.iv.–24.viii.2009, 12 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 19.v.–25.vi.2005, 4 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: One of the most common sawfly species, widespread throughout the area. **General distribution:** Holarctic, Oriental, Neotropical. **Host plants:** Polyphagous on various herbs and shrubs.

Pachyprotasis simulans (Klug, 1817)

(VU)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Distribution and frequency in the Bílé Karpaty PLA: Very local and rare, confined to the southern part of the area. **General distribution:** Palaearctic. **Host plants:** *Solidago virgaurea* (TAEGER *et al.* 1998), *Aster amellus* (PSCHORN-WALCHER & ALTENHOFFER 2006).

Pachyprotasis variegata (Fallén, 1808)

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 9.iv.–25.vi.2009, 9 ex. Nová Lhota, Hryzlácké Mlýny (19), 3.vi.2009, 2 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Confined to oak-hornbeam forests and mesic species-rich meadows in the southern part of the area. **General distribution:** Palaearctic. **Host plant:** *Pyrethrum corymbosum* (new record).

Comments. TAEGER *et al.* (1998) listed various herbs as larval food plants; most of them, however, seem to be doubtful. In the White Carpathians, as well as in other parts of the Czech Republic, the only food plant confirmed is *Pyrethrum corymbosum*.

Perineura rubi (Panzer, 1805)

Published record. MACEK (2008a): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploššiny NR (2), 6.vi.2006, 1 ex. Petrůvka, Kladenka brook (5), 12.v.2008, 1 ex. Javorník, Machová NR (23), 9.v.2007, 2 ex. Nová Lhota, Vápenky – Hubertova chata hut (29), 19.v.2005, 1 ex. Strání, Svinárský potok brook (33), 20.iv.–7.vi.2005, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local, associated with mesic deciduous forests and ash-alder carrs. **General distribution:** Western Palaearctic. **Host plant:** Unknown.

Rhogaster chlorosoma (Benson, 1943)

Material examined. Vyškovec, Chmelinec NM (11), 17.vi.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (18), 12.v.–25.vi.2009, 3 ex., MT, J. Macek lgt. Javorník, Machová NR (25), 13.vii.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in willow and alder carrs, meadow spring areas and humid forests. **General distribution:** Palaearctic. **Host plants:** Polyphagous on various shrubs, herbs and ferns.

***Rhogaster genistae* Benson, 1947**

Published records. MACEK (2008): Žitková, Hutě NR (10); Kněždub, Čertoryje NNR (15).

Additional material examined. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex. Nová Lhota, Hryzlácké Mlýny (19), 22.vi.2009, 1 ex. Javorník, Machová NR (26), 24.v.–13.vii.2010, 4 ex. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.–22.vi.2008, 3 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in mesic and xeric species-rich meadows. **General distribution:** Western Palaearctic. **Host plants:** *Genista* spp., *Cytisus* spp.

***Rhogaster picta* (Klug, 1817)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Radějov, Žerotín NM (13), 12.v.2008, 1 ex. Javorník, Jazevčí NNR (17), 9.iv.–2.vi.2009, 3 ex. Nová Lhota, Hryzlácké Mlýny (19), 13.v.–22.vi.2009, 4 ex. Javorník, Machová NR (26), 28.v.–18.vi.2008, 5 ex. Radějov, Radějovská obora – Mandát brook (27), 4.vi.2008, 1 ex. Radějov, Kútky NR (28), 4.vi.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Confined to mesic and xeric species-rich meadows in the southern part of the area. **General distribution:** Western Palaearctic. **Host plants:** *Cytisus* spp.

***Rhogaster viridis* (Linnaeus, 1758)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.vi.–31.vii.2006, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 19.vii.2006, 2 ex., MT, M. Omelková lgt. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex.; 3.vii.2006; 1 ex., all MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex.; 19.vii.2006, 1 ex.; all MT, M. Omelková lgt.; 29.v.–12.vi.2006, 2 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 12.v.2009, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 27.vii.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mixed and deciduous forests and meadows with scattered trees and shrubs. **General distribution:** Holarctic, Oriental. **Host plants:** Various deciduous shrubs and trees.

***Sciapteryx consobrina* Klug, 1814**

(VU)

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 11.v.–6.vi.2006, 2 ex., MT. Strání, Svinárský potok brook (33), 15.iv.2005, 1 ex., MT; 28.iv.2005, 2 larvae on *Ranunculus* sp. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Local in mesic and wet meadows and other grasslands. **General distribution:** Western Palaearctic. **Host plants:** *Adoxa moschatellina*; *Anemone* spp., *Dicentra spectabilis*, *Ficaria* sp. (BENEŠ 1960); *Ranunculus acris* (new record).

***Sciapteryx costalis* (Fabricius, 1775) (VU)**

Material examined. Žitková, Hutě NR (10), 9.v.2007, 1 ex. Javorník, Machová NR (24), 9.v.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plant:** *Ranunculus acris*.

***Siobla sturmii* (Klug, 1817)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex., MT. Javorník, Machová NR (24), 18.vi.2007, 1 ex., MT. Nová Lhota, Vápenky – Hubertova chata hut (29), 25.vii.2005, 6 larvae on *Impatiens noli-tangere*. Strání, Javorina NNR (32), 4.vi.2009, 3 ex., MT; 25.vii.2005, 12 larvae on *Impatiens noli-tangere*. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in montane beech forests. **General distribution:** Palaearctic, Oriental. **Host plant:** *Impatiens noli-tangere*.

***Tenthredo amoena* Gravenhorst, 1807**

Material examined. Poteč, Ploščiny NR (2), 23.viii.2006, 1 ex. Žitková, Hutě NR (10), 21.viii.2007, 1 ex. Kněždub, Čertoryje NNR (15), 28.vii.2005, 1 ex.; 31.vii.2006, 1 ex. Nová Lhota, Vápenky (22), 26.vii.2005, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and xeric meadows and forest clearings. **General distribution:** Western Palaearctic. **Host plant:** *Hypericum perforatum*.

***Tenthredo arcuata* Förster, 1771**

Material examined. Petrůvka, U Petrůvky NM (1), 25.viii.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Trifolium repens*.

***Tenthredo atra* Linnaeus, 1757**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 2 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3),

19.vii.2006, 1 ex., MT; 3.vi.2007, 1 ex., MT, all M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 29.v.–12.vi.2007, 3 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 12.v.2008, 1 ex., J. Macek lgt. Javorník, Jazevčí NNR (17), 10.iv.–24.viii.2009, 5 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread throughout the area. **General distribution:** Palaearctic. **Host plants:** Polyphagous on various herbs.

Tenthredo balteata Klug, 1817

Material examined. Strání, Javorina NNR (32), 23.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** Polyphagous on various herbs and ferns.

Tenthredo bipunctula Klug, 1817

Material examined. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 1 ex., MT. Kněždub, Čertoryje NNR (15), 10.vii.2006, 1 ex., MT. Nová Lhota, Vápenky (22), 22.ix.2005, 2 larvae on *Senecio ovatus*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in montane beech forests. **General distribution:** Western Palaearctic. **Host plant:** *Senecio ovatus*.

Tenthredo brevicornis (Konow, 1886)

Material examined. Žitková, Hutě NR (10), 21.viii.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** *Lotus corniculatus*.

Tenthredo campestris Linnaeus, 1758

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, U Petrůvky NM (1), 25.viii.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 23.viii.2006, 1 ex., MT, M. Omelková lgt.; 5.vi.2006, 2 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (24), 28.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in mixed and deciduous forest and riverine gallery forests. **General distribution:** Palaearctic. **Host plant:** *Aegopodium podagraria*.

Tenthredo colon Klug, 1817

Published record. MACEK (2009): Javorník, Machová NR (23).

Sawflies (Hymenoptera: Symphyta)

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 12.viii.2007, 1 ex., MT, M. Omelková lgt.; 13.vii.2006, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 27.vii.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in montane mixed and deciduous forests. **General distribution:** Holarctic. **Host plants:** Polyphagous on various herbs and low shrubs.

Tenthredo crassa Scopoli, 1763

Material examined. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex. Žitková, Hutě NR (10), 29.v.2007, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widely distributed in forest spring areas, herbaceous fringes along brooks and rivers, and in humid and mesic meadows. **General distribution:** Palaearctic. **Host plant:** *Angelica archangelica* (not confirmed).

Tenthredo koehleri Klug, 1817

(VU)

Material examined. Poteč, Ploščiny NR (2), 31.vii.2006, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Cardamine* spp.

Tenthredo livida Linnaeus, 1758

Material examined. Poteč, Ploščiny NR (2), 23.vii.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 23.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 3.vii.–19.vii.2006, 4 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt. Javorník, Jazevčí NNR (17), 25.vi.2009, 1 ex., MT, J. Macek lgt. Kněždub, Čertoryje NNR (21), 14.vii.2010, 1 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 9.vii.2007, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky – Hubertova chata hut (29), 28.vi.2005, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 5.viii.2009, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 7.vi.–27.vii.2005, 4 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in forest habitats. **General distribution:** Palaearctic. **Host plants:** Polyphagous on various shrubs, herbs and ferns.

Tenthredo maculata Geoffroy, 1785

Material examined. Strání, Javorina NNR (32), 21.v.2005, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Tenthredo mandibularis* Fabricius, 1804**

Material examined. Valašské Klobouky, Bílé potoky NR (3), 19.vii.–23.viii.2006, 3 ex., MT, M. Omelková lgt.; 5.vi.–23.viii.2006, 6 ex., MT, J. Macek lgt. Kněždub, Čertoryje NNR (16), 21.viii.2006, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 3.vi.–16.ix.2009, 7 ex., MT; 8.ix.2009, 28 larvae on *Petasites*, all J. Macek lgt. Javorník, Machová NR (24), 28.v.–12.viii.2007, 3 ex., MT; 6.ix.2009, 12 larvae on *Petasites*; all J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in *Petasites* fringes of montane brooks. **General distribution:** Western Palaearctic. **Host plant:** *Petasites hybridus*.

***Tenthredo mesomela* Linnaeus, 1758**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 13.vii.2006, 1 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 23.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 3.vii.–19.vii.2006, 4 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.–19.vii.2006, 3 ex., MT, M. Omelková lgt. Kněždub, Čertoryje NNR (15), 10.vii.2006, 1 ex., MT, J. Macek lgt. Javorník, Jazevěčí NNR (17), 25.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 3 larvae on *Senecio ovatus*; 13.ix.2005, 2 larvae on *Ranunculus repens*, all J. Macek lgt. Javorník, Filipovské údolí (30), 20.ix.2005, 1 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 16.vi.2010, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 5.viii.2009, 1 ex., MT, J. Macek lgt. Strání, Svinárský potok brook (33), 19.v.–23.vi.2005, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in herbaceous fringes of montane brooks and rivers, meadow spring fens, and mesic meadows. **General distribution:** Palaearctic, Oriental. **Host plants:** Polyphagous on various herbs.

***Tenthredo moniliata* Klug, 1817**

(VU)

Material examined. Žitková, Hutě NR (10), 19.vii.2006, 1 ex., MT, M. Omelková lgt.; 29.v.2007; 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic, Oriental. **Host plants:** Polyphagous on various herbs.

***Tenthredo notha* Klug, 1817**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Poteč, Ploščiny NR (2), 23.viii.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 23.viii.2006, MT, M. Omelková lgt.; 21.viii.2007, 2 ex., MT, J. Macek lgt. Výškovec (12), 12.viii.2007, 1 ex., MT, M. Omelková lgt. Javorník, Jazevěčí NNR (17), 15.vii.–24.viii.2009, 5 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 19.vi.2007, 2 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 9.ix.2010, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** *Trifolium* spp.

***Tenthredo procera* Klug, 1817**

(VU)

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT. Kněždub, Čertoryje NNR (21), 16.vi.2010, 1 ex., MT. Nová Lhota, Vápenky (22), 3.vi.2009, 1 ex., MT. Javorník, Machová NR (24), 2.viii.2007, 1 ex., MT. Strání, Javorina NNR (32), 15.v.2010, 1 larva on *Symphytum officinale*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in herbaceous fringes of montane brooks and lowland rivers. **General distribution:** Western Palaearctic. **Host plants:** *Symphytum officinale*, *Petasites* spp.

***Tenthredo rubricoxis* (Enslin, 1912)**

Material examined. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex., MT. Nová Lhota, Vápenky (22), 31.vii.2009, 16 larvae on *Senecio ovatus*. Strání, Javorina NNR (32), 23.vii.2010, 12 larvae on *Senecio ovatus*. Strání, Svinárský potok brook (33), 12.viii.2007, 6 larvae on *Senecio ovatus*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in montane beech forests. **General distribution:** Palaearctic. **Host plants:** *Senecio* spp., *Doronicum austriacum* (PSCHORN-WALCHER & ALTEHNOFFER 2006).

***Tenthredo scrophulariae* Linnaeus, 1758**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 23.vi.2006, 1 ex., MT. Javorník, Machová NR (23), 8.v.2007, 1 ex.; 22.viii.2007, 1 ex. Javorník, Filipovské údolí (30), 20.ix.2005, 1 larva on *Scrophularia nodosa*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread together with the host plants in meadows and deciduous forests. **General distribution:** Western Palaearctic. **Host plants:** *Scrophularia* spp., *Verbascum nigrum*.

***Tenthredo schaefferi* Klug, 1817**

Material examined. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Knautia arvensis* (PSCHORN-WALCHER & ALTEHNOFFER 2006).

***Tenthredo solitaria* Scopoli, 1763**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Javorník, Jazevčí NNR (17), 9.iv.–25.vi.2009, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: A thermophilous species confined to the southern part of the area. **General distribution:** Palaearctic. **Host plant:** *Euphorbia cyparissias*.

Tenthredo temula Scopoli, 1763

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Lopeník, Hrubý Mechnáč (9), 23.v.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 22.vi.2009, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 2.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in deciduous forests. **General distribution:** Palaearctic. **Host plants:** *Origanum vulgare*, *Ligustrum vulgare*.

Tenthredo trabeata Klug, 1817

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.vi.2006, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt.; 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 10.iv.–2.vi.2009, 3 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in species-rich beech forests, *Petasites* fringes of montane brooks, meadow spring fens, and mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** *Cicerbita alpina*, *Cichorium intybus*, *Crepis biennis*, *Lapsana communis*, *Prenanthes purpurea* (BENEŠ 1987); *Senecio ovatus*, *Petasites hybridus* (both new records).

Tenthredo vespa Retzius, 1783

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Valašské Klobouky, Bílé potoky NR (3), 23.viii.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 21.viii.2007, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 5.viii.2009, 1 ex., MT, J. Macek lgt. Nová Lhota, Vápenky (22), 26.vii.2005, 3 larvae on *Viburnum opulus*, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in tall mesic and xeric scrub, mixed and deciduous forests. **General distribution:** Palaearctic. **Host plants:** Various deciduous shrubs.

Tenthredo zonula Klug, 1817

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 23.vi.–16.vii.2008, 3 ex., MT, Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, Žitková, Hutě NR (10), 29.v.–21.viii.2006, 6 ex., MT, Nová Lhota, Vápenky (22), 26.vii.2005, 9 larvae on *Hypericum perforatum*. All J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic meadows. **General distribution:** Western Palaearctic. **Host plant:** *Hypericum perforatum*.

***Tenthredopsis friesei* Konow, 1894**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt. Poteč, Ploščiny NR (2), 22.vi.–23.vii.2006, 3 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.2006, 2 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 19.vi.2007, 1 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 2.vi.2009, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 13.v.–25.vi.2009, 5 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 22.vi.2009, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 23.vi.2009, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows.

General distribution: Palaearctic. **Host plants:** Poaceae.

***Tenthredopsis lactiflua* (Klug, 1817)**

(VU)

Material examined. Radějov, Žerotín NM (13), 12.v.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plant:** Unknown.

***Tenthredopsis litterata* (Geoffroy, 1785)**

Published record. MACEK (2009): Kněždub, Čertoryje NNR (15).

Additional material examined. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt.; 25.v.–19.vi.2007, 4 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 4.vi.2008, 1 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 2.vi.2009, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 13.v.–25.vi.2009, 6 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 22.vi.2009, 3 ex., MT, J. Macek lgt. Javorník, Machová NR (23), 18.vi.2007, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows and grassy undergrowth of deciduous and mixed forests. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Tenthredopsis nassata* (Linnaeus, 1767)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 6.–22.vi.2006, 3 ex., MT, J. Macek lgt. Valašské Klobouky, Bílé potoky NR (3), 5.–23.vi.2006, 4 ex., MT, J. Macek lgt. Petrůvka, Kladenka brook (5), 3.vi.2008, 1 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 19.vii.2006, 1 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 25.vi.2006, 3 ex., MT, M. Omelková lgt.; 19.vi.2007, 2 ex., MT, J. Macek lgt. Výskovec (12), 22.vii.2007, 1 ex., MT, M. Omelková lgt. Radějov, Žerotín NM (13), 4.vi.2008, 3 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17,18), 12.v.–25.vi.2009, 6 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 23.vi.2009, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widely distributed in meadows and grassy undergrowth of deciduous and mixed forests. **General distribution:** Palaearctic. **Host plants:** Poaceae.

***Tenthredopsis ornata* (Serville, 1823)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Žitková, Hutě NR (10), 25.vi.2006, 1 ex., MT, M. Omelková lgt. Radějov, Radějovská obora – Mandát brook (27), 4.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Western Palaearctic. **Host plants:** *Brachypodium* spp.

***Tenthredopsis scutellaris* (Fabricius, 1804)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23); Radějov, Kútky NR (28).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.–23.vi.2006, 3 ex. MT, J. Macek lgt. Poteč, Ploščiny NR (2), 23.vii.2006, 2 ex., MT, J. Macek lgt. Lopeník, Hrubý Mechnáč (9), 5.vi.–19.vii.2006, 12 ex., MT, M. Omelková lgt. Žitková, Hutě NR (10), 29.v.–15.vii.2007, 5 ex., MT, J. Macek lgt. Radějov, Žerotín NM (13), 4.vi.–26.vi.2008, 3 ex., MT, J. Macek lgt. Velká nad Veličkou, Zahrady pod Hájem NNR (14), 12.v.–25.vi.2009, 3 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17, 18), 13.v.–15.vii.2009, 8 ex., MT, J. Macek lgt. Nová Lhota, Hryzlácké Mlýny (19), 4.vi.–15.vii.2009, 5 ex., MT, J. Macek lgt. Strání, Záhumenice NM (31), 9.vii.2010, 1 ex., MT, J. Macek lgt. Strání, Javorina NNR (32), 3.vi.–6.viii.2009, 6 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Widespread in mesic meadows. **General distribution:** Western Palaearctic. **Host plants:** Poaceae.

***Tenthredopsis sordida* (Klug, 1817)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Poteč, Ploščiny NR (2), 22.vi.2006, 1 ex., MT, J. Macek lgt. Žitková, Hutě NR (10), 25.vi.2006, 2 ex., MT, M. Omelková lgt.; 29.v.2007, 1 ex., MT, J. Macek lgt. Javorník, Jazevčí NNR (17), 12.v.–2.vi.2007, 2 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic meadows. **General distribution:** Western Palaearctic. **Host plant:** *Dactylis glomerata*.

***Tenthredopsis stigma* (Fabricius, 1798)**

Published record. MACEK (2009): Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Radějov, Žerotín NM (13), 12.v.–4.vi.2008, 5 ex. Javorník, Jazevčí NNR (17), 2.vi.2009, 1 ex. Radějov, Kútky NR (28), 4.vi.2008, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and xeric meadows. **General distribution:** Western Palaearctic. **Host plant:** *Elytrigia intermedia*.

***Tenthredopsis tarsata* (Fabricius, 1804)**

Published records. MACEK (2009): Kněždub, Čertoryje NNR (15); Javorník, Machová NR (23).

Additional material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex. Petrůvka, Kladenka brook (5), 3.vi.2008, 2 ex. Svatý Štěpán, Chladný vrch NM (8), 16.vi.2010, 1 ex. Javorník, Jazevečí NNR (17), 2.vi.2009, 1 ex. All MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Probably widespread in mesic and xeric meadows. **General distribution:** Western Palaearctic. **Host plant:** *Brachypodium sylvaticum*.

***Tenthredopsis tessellata* (Klug, 1817)**

(VU)

Material examined. Petrůvka, U Petrůvky NM (1), 3.vi.2008, 1 ex., MT, J. Macek lgt.

Distribution and frequency in the Bílé Karpaty PLA: Not assessed for the insufficient material available. **General distribution:** Palaearctic. **Host plants:** *Aira* spp., *Deschampsia cespitosa*.

Discussion and conclusions

In the course of a six-year (2005–2010) field research project, a total of 332 species of Symphyta (Pamphiliidae: 5 spp., Megalodontesidae: 1 sp., Orussidae: 1 sp., Argidae: 16 spp., Diprionidae: 2 spp., Tenthredinidae: 303 spp., Cephidae: 4 spp., Cimbicidae: 1 sp.) were recorded in the Bílé Karpaty PLA. This represents more than a half of the total number of the species of Symphyta recorded in the Czech Republic (*cf.* BENEŠ 1989).

Among the species ascertained in the Bílé Karpaty PLA are many remarkable findings. Twenty-one species are classified in the Red List of threatened invertebrates of the Czech Republic as vulnerable or endangered (MACEK 2005). A considerable number of species was recorded in the study area for the first time in the Czech Republic or Moravia. Some of the previously-published faunistic data on first records and threatened species have already been summarized by MACEK (2009). In the present paper, significant finds of the following species update the check-list of the Symphyta of the Czech Republic: *Eurhadinoceraea amauros*, *Periclista albipennis*, *Nematus umbratus*, *Pachynematus itoi*, *Pristiphora leucopus*, and *Pristiphora subopaca* as first records for the fauna of the Czech Republic, and *Aprosthemina fuscicornis*, *Cladardis hartigi*, *Pristiphora luteipes*, and *Strongylogaster baikalensis* as first records for the fauna of Moravia.

From the viewpoint of biogeography and nature conservation, the most interesting records among the species-rich fauna of the Symphyta of the Bílé Karpaty PLA relate to the Ponto-Mediterranean species that are more or less associated with Pannonian oak-hornbeam forests and restricted to the southern part of the area studied. Most of these species are included in the national Red List of threatened invertebrates (*Empria hungarica*, *Megalodontes panzeri*, *Neurotoma mandibularis*, *Taxonus sticticus*) or are recorded here for the first time in the Czech Republic and still await assessment of their conservation status (*Eurhadinoceraea amauros*, *E. ventralis*, *Heterathrus nigripes*, *H. wuestnei*, *Macrophya parvula*, *Periclista albipennis*).

The field work in the Bílé Karpaty PLA also provided new information on the food plants of Symphyta. *Serratula tinctoria* as a food plant for the as-yet-undescribed larva of *Macrophya parvula* has already been reported by MACEK (2009). *Carpinus betulus* as a food plant for the similarly-undescribed larva of *Sterictiphora longicornis* is published for the first time in the present paper. The correct food plants of *Nematus incompletus* are *Lathyrus pratensis* and *L. vernus* (rather than *Populus tremula* as cited by TAEGER *et al.* 1998). Additional new larval food plant records also include: *Salix aurita* and *S. cinerea* for *Amauronematus sagmarius*; *Geranium sanguineum* for *Macrophya albipuncta*; *Pyrethrum corymbosum* for *Pachyprotasis variegata*; *Ranunculus acris* for *Sciapteryx consobrina*; *Senecio ovatus* and *Petasites hybridus* for *Tenthredo trabeata*.

The relatively high number of species recorded suggests that the regional sawfly fauna of the Bílé Karpaty PLA is remarkably diverse. The present species account is, however, not definitive. Further field work in the area may considerably increase the number of known species, especially if further appropriate collecting methods are used. This pertains in particular to the families Siricidae and Xiphydriidae which are not listed here although their occurrence in the area may be anticipated.

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Souhrn

Širopasí blanokřídílí (Hymenoptera: Symphyta) Chráněné krajinné oblasti a biosférické rezervace Bílé Karpaty.

Práce shrnuje výsledky šestiletého faunisticko-inventarizačního průzkumu širopasých (Hymenoptera, Symphyta) na 33 vybraných lokalitách v CHKO Bílé Karpaty. Průzkum byl prováděn zejména metodou Malaiseho pastí, některé údaje byly získány též smýkáním nebo přímým sběrem a dochováním larev. Celkem bylo v území zjištěno 333 druhů, z nichž 21 je podle Červeného seznamu ohrožených druhů bezobratlých České republiky klasifikováno v kategorii „zranitelný“ (VU) nebo „ohrožený“ (EN), šest druhů je nových pro území ČR (*Eurhadinoceraea amauros*, *Nematus umbratus*, *Periclista albipennis*, *Pachynematus itoi*, *Pristiphora leucopus* a *Pristiphora subopaca*) a čtyři jsou nové pro území Moravy (*Aprosthemata fusicorne*, *Cladardis hartígi*, *Pristiphora luteipes* a *Strongylogaster baikalensis*). Faunu širopasých Bílých Karpat je možno považovat za druhově poměrně bohatou, neboť zde byla zjištěna více než polovina druhů vyskytujících se v ČR. Přesto jsou budoucí nálezy dalších druhů v oblasti pravděpodobné, zejména při použití dalších metod sběru, které by potvrdily výskyt např. zástupců čeledí Siricidae nebo Xiphydriidae, které v tomto článku chybí. Z faunisticko-ochrannářského hlediska lze za nejzajímavější považovat výskyt řady pontomediterránních druhů,

vázaných na teplomilné doubravy a dubohabřiny v jižní části CHKO (např. *Empria hungarica*, *Megalodontes panzeri*, *Neurotoma mandibularis* a *Taxonus sticticus*), zahrnující rovněž i některé z výše zmíněných prvozáložů jak pro ČR, tak i Moravu (např. *Heterathrus wuestnei*, *H. nigripes*, *Eurhadinoceraea ventralis*, *E. amauros*, *Macrophya parvula*, *Periclista albipennis*). Terénní výzkum přinesl i některé nové informace o živných rostlinách širopasých. Poprvé je zde např. identifikována živná rostlina dosud nepopsaných larev pilatky *Sterictiphora longicornis*, kterou je v Bílých Karpatech habr obecný (*Carpinus betulus*). Dále je doplněno či upřesněno spektrum živných rostlin pro druhy *Amauronematus sagmarius*, *Arge fuscipennis*, *Macrophya albipuncta*, *Nematus incompletus*, *Pachyprotasis variegata*, *Sciapteryx consobrina* a *Tenthredo trabeata*.

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