

Butterflies and moths (Lepidoptera) of the Blanice National Nature Monument (Bohemian Forest, Czech Republic)

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Abstract

This paper summarises data on butterflies and moths occurring in the Blanice National Nature Monument (NNM) including its buffer zone (Bohemian Forest, Šumava Protected Landscape Area, southern Bohemia). Most of the presented data were gathered during surveys carried out by the author in 2008–2009. Further data, spanning the period 1972–2009, were kindly provided by other lepidopterologists. In addition, all published data have also been included in the study. In 2008 the author focused mainly on wetland habitats in the Blanice River floodplain, moving in 2009 to mountain coniferous forests in the NNM's buffer zone. In total, 710 moth species are presented in the paper together with phenological data, where known, and the exact location of their records. Predominant habitat types are characterized by the lepidopteran communities recorded therein. High species diversity was observed in wetland habitats near the Blanice River and the occurrence of many typical wetland species was confirmed there, e.g., *Sterrhopterix standfussi* (Wocke, 1851), *Epermenia falciformis* (Haworth, 1828), *Orthonama vittata* (Borkhausen, 1794), or *Hyphenodes humidalis* Doubleday, 1850. Species-rich lepidopteran fauna of mountain forests in the buffer zone were typified by *Nemapogon picarellus* (Clerck, 1759), *Ypsolopha nemorella* (Linnaeus, 1758), *Anchinia daphnella* (Dennis & Schiffermüller, 1775), *Caryocolum klosi* (Rebel, 1917), *C. cassellum* (Walker, 1864), *Epinotia pusillana* (Peyerimhoff, 1863), *Elophos vittarius* (Thunberg, 1788), *Entephria infidaria* (La Harpe, 1853), *Perizoma taeniatum* (Stephens, 1831), *Phlogophora scita* (Hübner, 1790), or *Xestia collina* (Boisduval, 1840). Interesting or rare species are commented on. Some species were found for the first time in more than 50 years, namely *Digitivalva arnicella* (Heyden, 1863) and *Epinotia pusillana* (Peyerimhoff, 1863).

Key words: Lepidoptera, faunistics, wetland habitats, mountain spruce forest, Boletice Military Training Area, Šumava Protected Landscape Area, Czech Republic, Central Europe

INTRODUCTION

The Blanice National Nature Monument (NNM) and its buffer zone (BZ) are among the largest small-size specially protected areas in the Czech Republic (MAŠKOVÁ et al. 2003). It was declared primarily to conserve the biggest population of the European freshwater pearl mussel (*Margaritifera margaritifera* Linnaeus, 1758) in Central Europe. Therefore, the protected area only includes the Blanice River watercourse (approx. from the village of Blažejovice to the village of Arnoštov) and the adjacent lands including some tributaries. All other sites, almost entirely within the Blanice River headstream and its catchment, are protected only as the BZ.

Over the past two decades, remarkable new knowledge of other species living in the study area has been gathered. Among them, some butterfly species should be mentioned, e.g.,

Proclrossiana eunomia (Esper, 1799) and (*Boloria aquilonaris* (Stichel, 1908). Their occurrence at the site is unique within the Czech Republic and, thus, they have been afforded special attention (PAVLÍČKO 1996a,b). Other rare butterfly species and important habitats have been identified through monitoring of these species, mostly those closely associated with wetland habitats in the Blatnice NNM (PAVLÍČKO 1997, 2000).

Moths were monitored in the study area in 1978–1992. A moth trap was operating in the Blanice River valley near the Spálenec train station from 1988 to 1989. In total, 175 macro-moth species were recorded there (PAVLÍČKO 1999).

The occurrence of *Colostygia kollariaria* (Herrich-Schäffer, 1848) at the village of Blažejovice was very rare and this was a new record for the Czech Republic (PROCHÁZKA 2000).

The site was recently visited by some lepidopterologists who surveyed butterflies and moths at various intensities. Their data were gathered at the Šumava National Park and Protected Landscape Area Administration (ČERNÝ 2005, mapping carried out by the SOM – Czech Butterfly Conservation Society).

MATERIAL AND METHODS

Data gathering

Most moth species were trapped at mobile light traps (with UV lamp Philips 8W/12V) by the author. In addition, a few butterfly species were recorded during the daytime.

In the course of each sampling, six to nine mobile light traps, which were automatically switched on and off with a light sensor, were installed at the selected plots.

Moths were killed by pure chloroform. The individuals trapped were collected from each trap separately, classified to species, and quantified for each sampling period and sampled plot. At the same time, field surveys were carried out by the author, aimed at recording diurnal species as well as attracting nocturnal species by a 125 W MV lamp powered by a Honda generator and two UV lamps powered by batteries.

In 2008, the survey focused on grassland butterfly and moth communities found adjacent to the Blanice River (the Blanice site). A year later, most of the field work was located in forest communities in the BZ (Old-growth forest, Pine forest, Korunáček, and Dlouhý Hřbet ridge; Table 1, Fig. 1).

Unless stated otherwise, all data presented, particularly those gathered in 2008–2009, were obtained by the author. If the same species have been recorded at a particular site by more than one author, all the authors are listed.

Previously published data have also been included in the paper and they are cited appropriately. Because there are minimal source data available for the species from published papers, at least the year of a record, when it is clear from the text, is given (for more details, see PAVLÍČKO 1996a,b, 1999, 2000; ČERNÝ 2005).

The material was determined and classified by the author of the record, unless otherwise stated. Most of moth specimens trapped in 2008–2009 are deposited in J. Šumpich's personal collection at the Bohemian-Moravian Highlands Museum in Jihlava.

Abbreviations: BZ – buffer zone, MTA – Military Training Area, NM – Nature Monument, NNM – National Nature Monument, NR – Nature Reserve, PLA – Protected Landscape Area, SPA – Specially Protected Area; gen. prep. – genital preparation, MLT – Mobile Light Trap, spec. – specimen/specimens.

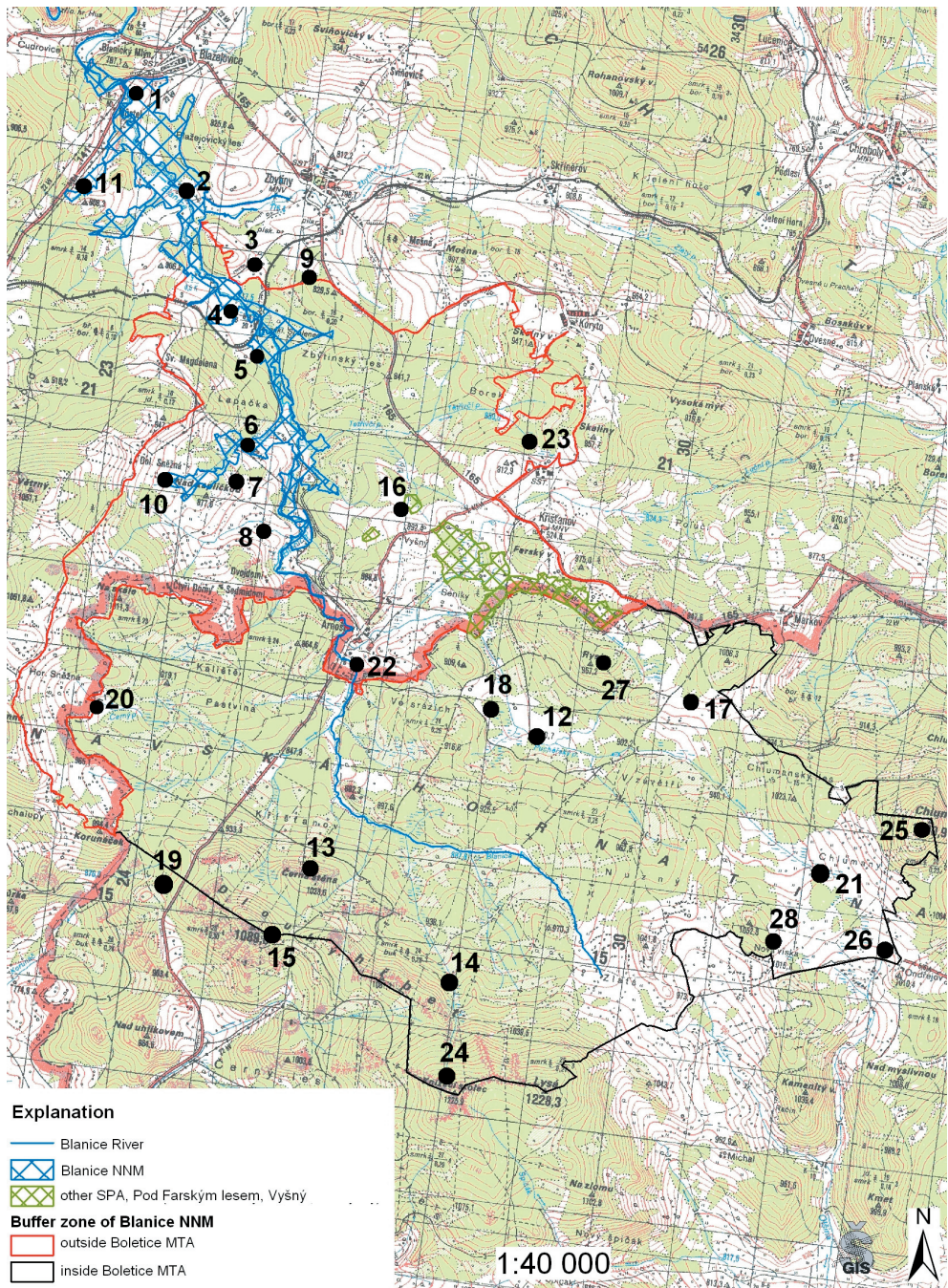


Fig. 1. Map of the Blanice National Nature Monument with the numbered sites (see Table 1).

Table 1. Outline of the sites studied and their short description.

| Site | Subsite | Status ^{*)} | No. ^{**)} | Main description |
|------------------------------|-------------------------------|----------------------|--------------------|--|
| Blanice (507) | Můstek (40) | NNM | 1 | Semi-natural wet meadows in the Blanice River floodplain southwest of the village of Blažejovice; 740–750 m a.s.l. |
| | Blanice River floodplain (11) | NNM | 2 | The Blanice River floodplain, cultural and semi-natural meadows; mowed by a heavy machinery; 750–770 m a.s.l. |
| | Reedbeds (25) | NNM | 3 | A wet meadow and a reedbed near an asphalt road from the village of Zbytiny to the former village of Svátá Magdalena; 790 m a.s.l. (Fig. 2). |
| | Spálenec train station (407) | BZ | 4 | Wet meadows in the Blanice River floodplain between a railway and an asphalt road from the village of Zbytiny to the former village of Svátá Magdalena near the Spálenec train station; 750–770 m a.s.l. (Fig. 2). |
| | Forest railway (4) | NNM | 5 | Meadows and forest edges along a former forest railway near the Spálenec train station; 790 m a.s.l. |
| | Lapačka hill (157) | NNM | 6 | Wetlands habitats on the forest edge along the Sněžný Potok stream (a Blanice River tributary); 815 m a.s.l. |
| | The beech tree (160) | BZ | 7 | Semi-natural meadows and a hedgerow with a memorial beech tree near a road from the Nad Kapličkou hill to the Lapačka hill; 845 a.s.l. |
| | Spálenec (154) | BZ | 8 | Wet meadows along a road from the village of Arnoštov to the Nad Kapličkou hill, 835 m a.s.l. |
| | Zbytiny (4) | BZ | 9 | Ruderal habitats; 800 m a.s.l. |
| | Dolní Sněžná (3) | NNM | 10 | A peat bog; 870-920 m a.s.l. |
| | Blažejovice (1) | NNM | 11 | Semi-natural wet meadows; 780 m a.s.l. |
| Puchěřský Potok stream (134) | | BZ | 12 | Wetlands and peat bogs in the vicinity of the Puchěřský Potok stream; 860–885 m a.s.l. |
| Černá Stěna Mt. (235) | | BZ | 13 | Rock outcrops below the top of the Černá Stěna Mt.; 1000 m a.s.l. |
| Old-growth forest (274) | | BZ | 14 | A mountain scree-wood/debris forest with white butterbur undergrowth; 900–1060 m a.s.l. |
| Dlouhý Hřbet ridge (305) | | BZ | 15 | A mountain Norway spruce forest; 1000 m a.s.l. |
| Křišťanov - Vyšný (7) | | NNM | 16 | Meadows; 850–860 m a.s.l. |
| Vlčí Jámy (95) | | BZ | 17 | Peat bogs and peat-bog meadows; 950–960 m a.s.l. |
| Pine forest (144) | | BZ | 18 | A habitat of the Swis mountain pine forest closed in Norway spruce plantations; 880 m a.s.l. |
| Korunáček (122) | | BZ | 19 | A mountain mixed forest at the base of a slope; 920 m a.s.l. |
| Horní Sněžná (18) | | BZ | 20 | A slope spring area of the Černý Potok stream; 1060–1085 m a.s.l. |
| Chlumany (6) | | BZ | 21 | A peat bog and peat-bog meadows; 970–1040 m a.s.l. |
| Arnoštov (1) | | BZ | 22 | A peat bog and peat bog meadows; 840 m a.s.l. |
| Křišťanov (1) | | BZ | 23 | A peat bog and peat-bog meadows; 830–880 m a.s.l. |
| Knížecí Stolec Mt. (4) | | BZ | 24 | A mountain mixed forest; 1000–1100 m a.s.l. |
| Chlum (76) | | BZ | 25 | A mountain beech forest on the top of the Chlum Mt.; 1000 m a.s.l. |
| Ondřejov (10) | | BZ | 26 | Vicinity of a road from the former village of Ondřejov to the Chlum Mt.; 1040 m a.s.l. |
| Rysí Vrch hill (2) | | BZ | 27 | A ridge, the beech forest; 800 m a.s.l. |
| Nová Víska (13) | | BZ | 28 | Vicinity of the village of Ondřejov; 1000-1020 m a.s.l. |

^{*)} Conservation status; ^{**)} No. of the trapping site or observation (for location, see Fig. 1 and Appendix 1); numbers in parenthesis correspond with numbers of species recorded in the site.

Description of the study area

The Blanice NNM is located east of the town of Volary and is a part of the Šumava PLA, the Boletice MTA being a major part of the NNM's BZ (Fig. 1). The SPA itself (without BZ) covers 295 ha and is situated between the villages of Blažejovice and Arnoštov. It harbours floodplain meadows along the Blanice River, in some parts the watercourse only. A part of the NNM includes semi-natural highly eutrophic meadows mowed by heavy machinery, while elsewhere there are semi-natural wet meadows, frequently containing the *Calthion* alliance, where *Filipendula ulmaria*, *Angelica sylvestris*, or *Dactylorhiza majalis* occur.

Along the Puchéřský Potok stream, east of Arnoštov, there are extensive peat-bog habitats inhabited by the *Caricion fuscae* alliance, at some sites also *Sphagnion medii* with the occurrence of *Eriophorum angustifolium*, *E. vaginatum*, *Vaccinium uliginosum*, etc.

A major part of the BZ is covered by forest ecosystems. Due to intensive forest management, natural herb-rich beech forests (*Dentario enneaphilli-Fagetum*) and acidophilous woodrush beech forests (*Luzulo-Fagetum*) have been to a large extent replaced by Norway spruce plantations. Despite this, or because of it, fragments of the original tree species community have been preserved.

At elevations above 1000 m, acidophilous mountain beech forests have also been preserved. The white butterbur (*Petasites albus*) growths predominate in this habitat. A more detailed description of natural conditions in the SPA presented MAŠKOVÁ et al. (2003), while a more detailed outline of vegetation at the individual sites published Pavlíčko (1997, 1999, 2000).



Fig. 2. Wet meadows at the Spálenec train station site, in the background on right the Reedbeds site.

The elevation at the sites studied along the Blanice River ranges between 750 and 850 m a.s.l., while at forest sites within the Boletice MTA, it reaches approximately 1000 m a.s.l.

The sites along the Blanice River are located in the temperature inversion layer, where the air temperature is extremely low even in the warmest months. Climatically, the study area is a fairly cold region, with mean air temperature being 4.4°C and mean annual precipitation ranging between 800 and 900 mm. It lies within the map grid square Nos. 7049, 7050, 7149, and 7150 according to PRUNER & MÍKA (1996).

Outline of the sites studied

Lepidopteran fauna was studied in detail both along the Blanice River and in the Blanice River upper course (the whole site within the BZ, Fig. 1). Due to the study area extent, the sites were defined according to main natural features in the field (Table 1). At the Blanice site, partial habitats were identified as subsites because of relatively high habitat diversity found there (for more details, see Table 1).

RESULTS

Taxa names and classification of species follow LAŠTŮVKA (1998), with only minor changes. *Parornix devoniella* (Stainton, 1850) was differentiated according to KUZNETZOV & BARYSCHNIKOVA (2003), *Diachrysis chrysitis* (Linnaeus, 1758) and *D. stenochrysis* (Warren, 1913) were not distinguished and the records were denoted as *Diachrysis chrysitis* group. An overview of all species found, including already published data, is presented in the Appendix at the end of this paper. Only records of *Idaea rubraria* (Staudinger, 1901), *Elophos dilucidarius* (Dennis & Schiffermüller, 1775), *Panemeria tenebrata* (Scopoli, 1763), *Auchmis detersa* (Esper, 1787), and *Eugraphe subrosea* (Stephens, 1829) (all PAVLIČKO 1999) are not accepted due to incorrect determination or doubtful occurrence in the study site.

Overview of the significant species recorded

The localities are numbered according to Table 1 and Fig. 1. Occurrence of the species which are closely associated, due to its habitat selection or their trophic relations, to habitat types studied, namely to peat bogs, various wetland types and mountain forests is commented. The occurrence of interesting species is commented on to a lesser extent.

Triaxomera fulvimitrella (Sodoffsky, 1830). **13:** 25 Jun 2008, 2 spec. In the Czech Republic, very locally distributed moth, caterpillars of which develop on polypores (PETERSEN 1965). Within the Blanice NNM, its occurrence was confirmed only on the Černá Stěna Mt., it is supposed to be more common in BZ mountain forests.

Nemapogon picarellus (Clerck, 1759). **4:** 25 Jun 2008, 1 spec. Very rare, only locally distributed mycetophagous Tineid species. It occurs from low (e.g., the Podyjí National Park, ŠUMPICH, unpubl. data) up to mean and higher elevations, the latter was confirmed just in the Blanice NNM. Faunistically and ecologically very remarkable record confirming a high diversity in the local moth community.

Sterrhopterix standfussi (Wocke, 1851). **4:** 25 Jun 2008, 1 spec. A peat-bog moth, but its classification as a tyrophobiont can be debated (cf. ŠUMPICH 2006). Also in the Blanice NNM, the species was not recorded in a peat bog, but on a wet meadow. Nevertheless, the species should be considered as having the specific habitat requirements. Therefore, the species' occurrence in the Blanice River floodplain should be seen as the indication of relatively well-preserved local habitats.

Aspilapteryx limosella (Duponchel, 1844). **13:** 29 May 2008, 1 spec. Abnormal occurrence of the relatively termophilous species, a faunistically remarkable record. Disjunctively oli-

gophagous on *Teucrium chamaedris* and *Genista* spp.

Ypsolopha nemorella (Linnaeus, 1758). **13:** 28 Jul 2008, 1 spec. Very rare and sporadically distributed mountain species, caterpillars of which occur on various honeysuckle species (*Lonicera* sp.; cf. REIPRICH 2001). Up to now, its occurrence in the Czech Republic had been confirmed by records in the Bohemian Forest and northern Bohemia (STERNECK & ZIMMERMANN 1933) and in the Jeseníky Mts. (SKALA 1912–1913) many years ago. Recently, it has been found in the Šluknov region (ČERNÝ & ŘÍHA 2007), Žďárské Vrchy hills (ŠUMPICH, unpubl. data), and in the Rohová NR in the Svitavy region (ŠUMPICH, 2011). In the Boletice MTA, it was recorded additionally to the Černá Stěna Mt. commonly also on the Špičák Mt. (ŠUMPICH & ČERNÝ 2010).

Rhigognostis incarnatella (Stuedel, 1873). **15:** 8 Jun 2009, 2 spec. In the Czech Republic, a very rare predominantly mountain species, which has been recorded only in the Bohemian Forest (STERNECK & ZIMMERMANN 1933; SOFFNER 1930; KLIMESCH 1974), particularly in the Bohemian Karst (SOLDÁT & STARÝ 1978), at Týnec nad Sázavou (SOLDÁT 1983), and in Brno in Moravia (LAŠTŮVKA et al. 1992).

Digitivalva arnicella (Heyden, 1863). **18:** 22 Jul 2009, 1 spec. Very rare species, with caterpillars closely associated with *Arnica montana* (GAEDIKE 1980). In the Czech Republic, the species is reported from Františkovy Lázně (STERNECK & ZIMMERMANN 1933), Zákupy, and Stráž nad Nežárkou (GAEDIKE 1980). There have been no recent data from Bohemia, but the species' occurrence has been known from unpublished data by J. LIŠKA, J. SKYVA, and J. VÁVRA. In Moravia, the species has been mentioned from the vicinity of the town of Hodonín (JANOVSKÝ & GOTTWALD 1990), but this record is probably incorrect because the host plant is missing there.

Ethmia pusiella (Linnaeus, 1758). **15:** 22 Jul 2009, 1 spec. In the Czech Republic, it is a very locally distributed species that has been known from only a few sites in Bohemia. STERNECK & ZIMMERMANN (1933) reported the species from some sites in southern Bohemia including mountain sites in the Bohemian Forest (Stožec Mt.). The species was later confirmed in the adjacent Mrtvý Luh near the town of Volary (ELSNER et al. 1981). Thus, its occurrence in the Boletice MTA is not surprising. Nevertheless, it is a remarkable faunistic record, confirming the species occurs in southern Bohemia. At present, the species is known in Bohemia only from the vicinity of Žehuň in eastern Bohemia (J. LIŠKA, pers. comm.).

Agonopterix parilella (Treitschke, 1835). **3:** 21 Aug 2008, 1 spec. All known records of *A. parilella* in the Czech Republic are found in wetland meadows (ŠUMPICH et al. 2005, unpubl. data).

Agonopterix angelicella (Hübner, 1813). **4:** 28 Jul 2008, 1 spec.; **8:** 28 Jul 2008, 1 spec. In the Czech Republic, the species is rare. In Bohemia, its occurrence was confirmed only in mountain habitats of the Giant Mts. and the Havraní Hory Mts. (STERNECK & ZIMMERMANN 1933). From Moravia, only an old record from the Pálava hills is known (SKALA 1923–1924). In the Bohemian Forest, the species is probably broadly distributed, as supported by the records below as well as by those from Knížecí Pláně (ŠUMPICH 2008). The recent occurrence of *A. angelicella* in the Czech Republic is reported without detailed faunistic data by ROTTER (2005) and from sites in the Bohemian Forest by ŠUMPICH et al. (2007). In the Blanice NNM, the species has been repeatedly found on wet meadows near Spálenec.

Agonopterix petasitis (Standfuss, 1851). **13:** 28 Jul 2008, 3 spec.; **14:** 13 Jul 2009, 4 spec., 22 Jul 2009, 10 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 10 spec., 22 Jul 2009, 31 spec.; **19:** 4 Jul 2009, 4 spec. Mountain species found only in the BZ forests of the Blanice NNM. Caterpillars develop on *Petasitis albus*, which at some sites predominates in the undergrowth.

Anchinia daphnella (Dennis & Schiffermüller, 1775). **14:** 13 Jul 2009, 1 spec., 22 Jul 2009,

1 spec. Very locally distributed mountain species (it has been found only exceptionally at lower elevations, cf. ELSNER et al. 1998). In Bohemia, the species was, until recently, known from mountain mixed forests in the Bohemian Forest, Giant Mts., and Jizerské Hory Mts. (STERNECK & ZIMMERMANN 1933; HRUBÝ 1962; LIŠKA & SKYVA 1997; KRAMPL & MAREK 1999), but was recently found at the highest elevations in the Bohemian-Moravian Highlands. In Moravia, the core area of its distribution is the Bílé Karpaty Mts. (ELSNER et al. 1998). Caterpillars feed on *Daphne mezereum* (cf. REIPRICH 2001; TOKÁR et al. 2005).

Cosmopterix orichalcea Stainton, 1861. 4: 25 Jun 2008, 1 spec. Locally distributed wetland species, nevertheless distributed across many areas in the Czech Republic. Caterpillars feed on grasses, particularly on festuces (*Festuca* sp.).

Cosmopterix lienigiella Lienig & Zeller, 1846. 4: 25 Jun 2008, 2 spec. Contrary to the former species, the species is trophically associated with reedbeds (*Phragmites communis*). In the Czech Republic, it was recorded for the first time in 1996 (NOVÁK et al. 1997). In the Blanice NNM, it was recorded just in the floodplain itself in front of site 3 (Reedbeds), from where it reached MLTs in adjacent wet meadows. Therefore, it can be assumed that the species is not rare in the reedbeds themselves.

Bryotropha boreella (Douglas, 1851). 6: 28 Jul 2008, 1 spec. (♂, gen. prep.), (Fig. 3). One of the most remarkable and generally important records in the Blanice NNM. The species' core distribution area includes particularly North and Central Europe (outside the above area, it is known only from the United Kingdom and the Ural Mts.; KARSHOLT & RUTTEN 2005). In Central Europe, it is predominantly alpine (a disjunctive alpine-boreal distribution). In the Czech Republic, it was first reported from the Červené Blato peat bog in the Třeboň Basin (SPITZER & JAROŠ 1993). Nevertheless, there are records made by J. Liška at České Velenice in the 1980s (cf. ELSNER et al. 1999). In the latter study, the species occurrence was also confirmed in the Mrtvý Luh near the town of Volary. Until recently, the species was known only from peat bogs in southern Bohemia.



Fig. 3. *Bryotropha boreella* (Douglas, 1851), Blanice, 28 Jul 2008.

Caryocolum klosi (Rebel, 1917). **14:** 22 Jul 2009, 39 spec.; **15:** 13 Jul 2009, 6 spec., 22 Jul 2009, 11 spec. Very rare mountain species, whose occurrence in the Czech Republic was first confirmed at the village of Želnavá in southern Bohemia in 1984 (NOVÁK et al. 1997). Later, it was also found at the Smrčina Mt. in the Bohemian Forest and in the Žofínský Prales old-growth forest in the Novohradské Hory Mts. (ŠUMPICH et al. 2009). At the highest elevations within the Boletice MTA, the species was common. Based on recent records, it can be assumed that southeastern part of the Bohemian Forest is the core area of its distribution in the Czech Republic. Caterpillars are monophagous, feeding on *Stellaria nemorum* (HUEMER 1988).

Caryocolum cassellum (Walker, 1864). **13:** 28 Jul 2008, 1 spec.; **14:** 22 Jul 2009, 107 spec.; **15:** 22 Jul 2009, 92 spec. Less well-known mountain species. In the Czech Republic, it is found only at the highest elevations (SITEK 1994; NOVÁK et al. 1997; KRAML & MAREK 1999; ROTTER 2002; LIŠKA et al. 2008). Caterpillars are probably strongly monophagous, preferring *Stellaria nemorum* (cf. ELSNER et al. 1999). An important record of the species, which is characteristic of the Bohemian Forest habitats studied, its numbers are also remarkable.

Lozotaenia forsterana (Fabricius, 1781). **13:** 25 Jun 2008, 2 spec.; **14:** 4 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 2 spec.; **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 8 spec. Mainly a montane species, trophically closely associated with mainly *Vaccinium* sp. and Pinaceae (caterpillars are polyphagous; RAZOWSKI 2001). The species is characteristic of, and locally common in, natural Norway spruce forests. In the Blanice NNM, it was found in BZ mountain forests.

Aterpia corticana (Dennis & Schiffermüller, 1775). **14:** 22 Jul 2009, 1 spec. One of the rarest and most characteristic tortricid species of Bohemian Forest mountain habitats. It requires mountain meadows and forest edges where its host plant *Aconitum variegatum* grows, but it is also able to develop on *Vaccinium vitis-idaea* (RAZOWSKI 2001). It was first reported from the Klet' Mt. in the Bohemian Forest by STERNECK & ZIMMERMANN (1933) (a unique record made by BAŤA in 1928) and until recently, it was the only evidence from Bohemia. Recently, it was found at Kamená Lhota near the town of Vimperk (NOVÁK et al. 1997) as well as in the mountainous Norway spruce forests at the Smrčina Mt. (ŠUMPICH, unpubl. data), in the Boubínský Prales old-growth forest (JAROŠ & SPITZER 2004) (all in the Bohemian Forest) and in the Žofínský Prales old-growth forest in the Novohradské Hory Mts. (JAROŠ & SPITZER 2004). From Moravia, it was reported from the Ostrava region and from the city of Brno by SKALA (1912–1913). Yet the more recent records have been missing. Repeated recent sightings in the Bohemian Forest support the idea that, because of lack of other faunistic records, the Bohemian Forest is the only site in the Czech Republic, where the species occurs at present.

Apotomis infida (Heinrich, 1926). **4:** 25 Jun 2008, 1 spec. Rare sub-montane species, as a monophagous requiring for feeding *Salix* spp. Characteristic of wet meadows with dispersed willows.

Olethreutes dissolutanus (Stange, 1886). **18:** 22 Jul 2009, 4 spec. (1 spec. gen. prep.). Very locally distributed species which was found only rarely in the Czech Republic. It was first reported in 1983 based on records from the village of Chelčice near the town of Vodňany (JAROŠ 1983). Later, its occurrence was confirmed at the above site as well as at other ones, namely at the village of Bor near Šalmanovice (JAROŠ 1986) and in the Trojmezna old-growth forest in the Bohemian Forest (LIŠKA & MODLINGER 2007). In 2003, the species was recorded close to the village of Červený Hrádek near Dačice (ŠUMPICH et al. 2005).

Thiodia citrana (Hübner, 1799). **13:** 25 Jun 2008, 1 spec. Probably the most thermophilous species recorded, in addition at the highest elevations in the Blanice NNM. Faunistically remarkable record.

Rhopobota ustomaculana (Curtis, 1831). **4:** 25 Jun 2008, 2 spec.; **18:** 22 Jul 2009, 4 spec.

Characteristic species of montane Norway spruce forests and peat bogs where the host plant (*Vaccinium* sp.) is found.

Epinotia pusillana (Peyerimhoff, 1863). **15:** 13 Jul 2009, 1 spec. (gen. prep.). One of the rarest species found is also one of the most ecologically characteristic of the study area. Caterpillars are monophagous, feeding on the European silver fir (*Abies alba*), the coniferous tree occurring mainly at lower elevations. In the Czech Republic, the species is considered as very rare, which could be caused, e.g., by relatively lower affinity to UV light sources. The species' current status could also be driven by other factors, e.g., by the native European silver fir decline in the Czech forests and by development of caterpillars in the tree canopy. From Bohemia, there are older records in southern Bohemia (PATOČKA 1958). Until recent, the species occurrence in Moravia was mentioned only by SKALA (1912–1913). Its occurrence was confirmed in the Švařec NNM near Bystrice pod Pernštejnem in 2006 (ŠUMPICH et al. 2007) and in the Pod skalou NM near the village of Nová Ves u Moravské Třebové in 2007. This record along with the one from the Blanice NNM are confirmation of the species re-occurrence in Bohemia after more than 50 years (ŠUMPICH et al. 2010).

Epinotia fraternana (Haworth, 1811). **13:** 29 May 2008, 1 spec. Characteristic of natural coniferous forests at higher elevations, trophically associated with the European silver fir.

Ancylis diminutana (Haworth, 1811). **4:** 25 Jun 2008, 4 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 3 spec.; **15:** 13 Jul 2009, 1 spec. Together with *A. geminana* and *Apotomis infida* is specific to wet meadows with dispersed willows. Caterpillars develop on spheric willow species (*Salix* spp.).

Cydia inquinatana (Hübner, 1799). **6:** 25 Jun 2008, 2 spec. Surprising record of the relatively rare tortricid species preferring natural deciduous broadleaved forests. Caterpillars develop on maples (*Acer pseudoplatanus*, *A. campestre*). The species' occurrence in the Blanice NNM supports the assumption that the area harbours high species diversity in the local moth community, despite harsh weather conditions and regular atmospheric inversions.

Cydia coniferana (Saxesen, 1840). **4:** 25 Jun 2008, 1 spec. Rare tortricid moth species. Data on its distribution in the Czech Republic are scarce. From Bohemia, it is reported by STERNECK & ZIMMERMANN (1933), SOFFNER (1960), VÁVRA et al. (1996), KRAMPL & MAREK (2003), from Moravia only by LAŠTŮVKA et al. (1993) and LAŠTŮVKA & MAREK (2002). Characteristic species of coniferous and mixed forests particularly at higher elevations. According to RAZOWSKI (2001), caterpillars feed on *Abies alba*.

Epermenia falciformis (Haworth, 1828). **4:** 25 Jun 2008, 2 spec.; **6:** 25 Jun 2008, 4 spec. The species was first reported from Bohemia in 1991 (NOVÁK et al. 1997), from Moravia not until 2003 (ŠUMPICH et al. 2006). According to the most recent knowledge, the species occurs in Central Europe (Germany, Austria, and Slovakia), the Benelux countries, but it has also been found in the United Kingdom (GAEDIKE 1996). At present, it is known from many sites in the Czech Republic. Contrary to *E. illigerella*, which has no specific habitat requirements, it seems that *E. falciformis* is stenotypic, preferring wet meadows. The assumption is supported by multiple records in the Blanice NNM.

Dioryctria schuetzeella Fuchs, 1899. **7:** 25 Jun 2008, 2 spec. Relatively rare species, with no specific habitat requirements. Faunistically remarkable record.

Catoptria osthelderi (Lattin, 1950). **18:** 13 Jul 2009, 1 spec. (gen. prep.), 22 Jul 2009, 1 spec. (gen. prep.). In the past, the species was omitted because it is difficult to differentiate it from *C. permutatella*. It was first reported by KRAMPL & SCHREIBER (1981) both from Bohemia and Moravia, later its occurrence was confirmed by many authors (SPITZER & JAROŠ 1993; LAŠTŮVKA 1994; VÁVRA et al. 1996; KRAMPL & MAREK 1999; LAŠTŮVKA & MAREK 2002; ŠUMPICH 2006). However, current knowledge of the species' distribution in the Czech Repub-

lic is insufficient.

Algedonia terrealis (Treitschke, 1829). **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec. Widely distributed, but local mountain pyralid species.

Satyrium w-album (Knoch, 1782). **15**: 22 Jul 2009, 1 spec. Declining species, probably due to the decline of its host plant – elms (*Ulmus* spp.). At the Dlouhý Hřbet ridge it was recorded on a forest road near a full-grown elm tree.

Maculinea nausithous (Bergsträsser, 1779). **4**: 28 Jul 2008, 1 spec.; **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ. *M. nausithous* was listed in national Red Lists and Red Data Books in various European countries. Pursuant to the European Community legislation, it has also been protected within the Natura 2000 network established in the European Union member states under the Habitats Directive. The insect species has not been imminently endangered in the Czech Republic and it reaches very high numbers at many sites. During the survey in the Blanice NNM, carried out in possible adult habitats, surprisingly the single specimen was recorded near a road at the grade crossing near the Spálenec train station. It was previously found at the same site (cf. PAVLÍČKO 1999), as well as near Ondřejov. Although other meadows were surveyed in detail, *M. nausithous* was not found elsewhere within the study area.

Maculinea telejus (Bergsträsser, 1779). **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ. Similarly to the previous species, this species is also protected under the European Community legislation. Caterpillars require presence of the great burnet (*Sanguisorba officinalis*) as a host species. A very rare species in the Blanice NNM.

Epione vespertaria (Linnaeus, 1767). **4**: 28 Jul 2008, 2 spec. Relatively rare geometrid moth species, polyphagous on deciduous broadleaved trees and inhabiting stream banks, forest edges, and similar habitats.

Fagivorina arenaria (Hufnagel, 1767). **13**: 25 Jun 2008, 3 spec.; **15**: 8 Jun 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec. Characteristic species of natural beech forests. In the Blanice NNM BZ, its rarity could be caused by unsuitable forest management.

Arichanna melanaria (Linnaeus, 1758). **18**: 13 Jul 2009, 5 spec., 22 Jul 2009, 8 spec. Characteristic species of peat bogs which often reaches very high numbers (cf. VÁVRA et al. 1996, ŠUMPICH 2006). In the Blanice NNM peat-bog habitats, it was only observed in relatively low numbers in Swiss mountain pine forest.

Elophos vittarius (Thunberg, 1788). **4**: 10 Jun 2008, 4 spec.; **6**: 10 Jun 2008, 13 spec., 25 Jun 2008, 1 spec. Mountain alpine-boreal species, in the Czech Republic known particularly from high elevations of the Bohemian Forest, Krušné Hory Mts., Giant Mts., Jeseníky Mts. (SKALA 1912–1913; STERNECK 1929; KUDLA 1970; LIŠKA & SKYVA 1997), and more recently also from the Jizerské Hory Mts. (F. KRAMPL, pers. comm.). At present, its core area is probably in the Bohemian Forest from where there are most faunistic data (cf. KRAMPL 1973a; JAROŠ & SPITZER 1995) and where it is a common species (cf. SOFFNER 1974). The former fact corresponds with the outputs of a quantitative survey at the Trojmezna Mt. where a Malaise trap was used (cf. LIŠKA & MODLINGER 2007). Although the present record from the Blanice NNM was surprising, it can be explained by atmospheric inversions in the floodplain of the Blanice River. On the other hand, the species has not yet been found in the BZ mountain forests.

Orthonama vittata (Borkhausen, 1794). **4**: 1988–1989 (PAVLÍČKO 1999); **8**: 21 Aug 2008, 2 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec. Characteristic species of wetlands requiring presence of the common marsh-bedstraw (*Galium palustre*) and, according to some authors, the bog bean (*Menyanthes trifolia*).

Xanthorhoe incursata (Hübner, 1813). **13**: 29 May 2008, 6 spec. Locally distributed geometrid moth, reaching high numbers in natural mountain forests. In the Blanice NNM, it

was recorded only in the BZ mountain forests, where it is assumed to be common. It was also reported from the near Špičák Mt. in the Boletice MTA (ŠUMPICH & ČERNÝ 2010).

Entephria infidaria (La Harpe, 1853). **13**: 28 Jul 2008, 2 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 10 spec., 22 Jul 2009, 2 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 7 spec. One of the most remarkable species recorded in the Blanice NNM. It is a significant montane petrophilous species, which is able to inhabit lower inverse elevations. In Moravia, it was only known from the Moravian Karst (LAŠTŮVKA & MAREK 2002) and the Hrubý Jeseník Mts. (ČELECHOVSKÝ 2004). Its distribution in Bohemia is wider, but it is rare. The core area of its distribution is in the Bohemian Forest and the Novohradské Hory Mts., whereas previous evidence was obtained in Karlovy Vary (cf. STERNECK 1929; NOVÁK & SPITZER 1972; JAROŠ & SPITZER 2002). The species was also recorded at the Špičák Mt. in the Boletice MTA in 2008 (ŠUMPICH & ČERNÝ 2010).

Entephria caesiata (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 9 spec.; **6**: 10 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.; **25**: 2005 (ČERNÝ 2005). A widely distributed species whose core distribution is in mountainous areas of the Czech Republic (e.g., STERNECK 1929; KUDLA 1970; KRAMPL 1973a; ROTTER & KAČÍREK 1993). In the Bohemian-Moravian Highlands, it was recorded only at higher elevations (ŠUMPICH 2001, 2006). In the Blanice NNM, the species is commonly distributed, being characteristic of the area.

Lampropteryx otregiata (Metcalf, 1917). **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 4 spec.; **13**: 10 Jun 2008, 1 spec.; **15**: 8 Jun 2009, 1 spec.; **18**: 13 Jul 2009, 3 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec. Characteristic species of waterlogged Norway spruce forests, displaying a boreo-montane distribution and being strongly associated with bedstraws (*Galium palustre*, *G. uliginosum*). In the Czech Republic, the species is locally distributed and it is uncommon at the sites inhabited. Multiple records at more sites within the Blanice NNM confirm the remarkable value of its wetland habitats.

Thera britannica (Turner, 1925). **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec. Locally distributed species, which often passes unnoticed due its resemblance to other species from the genus *Thera* (cf. KRAMPL 1973b). As a result, there has been a lack of credible records in the Czech Republic.

Perizoma taeniatum (Stephens, 1831). **13**: 25 Jun 2008, 10 spec.; **14**: 4 Jul 2009, 2 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 7 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 4 spec.; **19**: 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005). Very rare locally distributed geometrid moth species; there are only few data on its occurrence in the Czech Republic. From Moravia, it was first reported from the Moravian Karst by LAŠTŮVKA et al. (1992). Subsequently, it was found in the Hrubý Jeseník Mts. (ČELECHOVSKÝ 2004). It was also known from the Bohemian Forest, where it was first recorded by J. Soffner on the Vydra River near the Turner's Chalet in 1929 (STERNECK 1929). Then, its occurrence in the Bohemian Forest was not confirmed until intensive surveys on the Stožec ridge, where it occurred in relatively high numbers. In addition, an individual was trapped near the village of Dobrá (NOVÁK & SPITZER 1972). Recently, the species was found in the Bohemian Forest at the Chalupská Slat' fen (SPITZER & JAROŠ 2001) as well as on the Trojmezna Mt. (ŠUMPICH, unpubl. data). Outside the Bohemian Forest, the species has only been recorded in the Žofínský Prales old-growth forest in the Novohradské Hory Mts. (JAROŠ & SPITZER 2002) and on the Chlum Mt. in the Boletice MTA (on its eastern part outside the Blanice NNP BZ, recorded by V. Pokorný, ČERNÝ 2005). From the point of view of habitat selection, the species prefers wet sites with the presence of the host plant, *Stallaria media* (cf. KRAMPL 1973a), and is characteristic of forest undergrowth, particularly at higher atmospheric inverse elevations as confirmed by records from the Czech

Republic.

Perizoma affinitatum (Stephens, 1831). **4:** 29 May 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 29 May 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 7 spec.; **19:** 4 Jul 2009, 1 spec. Widely distributed montane species which was surprisingly recorded only individually within the Blanice NNM.

Perizoma albulatum (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 6 spec.; **8:** 10 Jun 2008, 11–30 spec.; **13:** 10 Jun 2008, 5 spec.; **14:** 8 Jun 2009, 12 spec.; **15:** 8 Jun 2009, 25 spec.; **19:** 8 Jun 2009, 46 spec. The geometrid moth species is widely distributed in the Bohemian Forest, reaching high numbers on mountain meadows and pastures (ŠUMPICH 2008). It was repeatedly recorded at more sites within the Blanice NNM, but rather individually (commonly only in the Spálenec mountain meadows).

Perizoma verberatum (Scopoli, 1763). **12:** 20 Jun 2000, 1 spec. In the Blanice NNM, the species was recorded only in peat bogs along the Puchéřský Potok stream in 2000 and thereafter, it has not been sighted in the study area. Characteristic species of higher elevations.

Eupithecia immundata (Lienig & Zeller, 1846). **13:** 25 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec. Faunistically and ecologically remarkable record in the study area.

Odezia atrata (Linnaeus, 1758). **7:** 25 Jun 2008, 2 spec.; **8:** 25 Jun 2008, 11–30 spec.; **17:** 14 Jul 2009, 1 spec. Probably in decline at many sites in the Czech Republic. It reached high numbers almost exclusively in mountain areas. Dozens of individuals were observed during a survey at Spálenec.

Hydrelia sylvata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 47 spec.; **6:** 25 Jun 2008, 3 spec.; **13:** 25 Jun 2008, 1 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 1 spec. A quite widely distributed species in the Czech Republic, but often observed single. From southern Bohemia, it was first reported in the city of České Budějovice and the village of Horní Dvořiště by KRAMPL (1973a), later, the species was recorded in the vicinity of the town of Kaplice (JAROŠ 1984) and in the Černiš wetland near the České Budějovice quarter called Haklovy Dvory (JAROŠ & SPITZER 1987). The species requires various types of deciduous broadleaved forests, particularly alder woods. Caterpillars are oligophagous, feeding on *Alnus* spp. In the Blanice NNM, the species was found reaching unusually high numbers.

Hydrelia blomeri (Curtis, 1832). **4:** 10 Jun 2008, 1 spec., 25 Jun 2008, 5 spec.; **15:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg.. Characteristic of scree-woods – debris forests with the presence of mountain elms (*Ulmus* spp.), which are required by its monophagous caterpillars. Surprisingly for a rare species, multiple records at atmospheric inversion elevations within the Blanice NNM were observed that confirmed the extraordinary value of the study area. From the Bohemian Forest, the species was first reported by NOVÁK & SPITZER (1972).

Notodonta torva (Hübner, 1803). **4:** 29 May 2008, 1 spec. Relatively rare and very locally distributed notodontid species, known especially from lower elevations. From a point of view of habitat selection, it prefers floodplain forests, growths on stream banks and dispersed vegetation. Caterpillars live on deciduous broadleaved trees, particularly on poplars (*Populus* spp.) and willows (*Salix* spp.).

Acronicta menyanthidis (Esper, 1789). **12:** 20 Jun 2000, more spec., J. Šumpich observ. (2 spec. leg. et coll.). The species core distribution is in the Bohemian Forest (cf. STERNECK 1929; NOVÁK & SPITZER 1972; SPITZER & JAROŠ 1993, 2001; JAROŠ & SPITZER 1995; ŠUMPICH 2008). Outside the Bohemian Forest, it was recorded in the Třeboň Basin (POVOLNÝ et al. 1965; SPITZER & JAROŠ 1993), the Brdy hills, and the Krušné hory Mts. (STERNECK 1929). Recently it was reported from the Dářko peat bogs in the Žďárské Vrchy hills (ŠUMPICH 2006).

Hypenodes humidalis Doubleday, 1850. **4:** 25 Jun 2008, 1 spec.; **6:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec. A hygrophilous species and, therefore, a good indicator of habitat quality. Its strong tyrophily results in high numbers in peat bogs, while it is more scarce in wet meadows.

Polychrysia moneta (Fabricius, 1787). **6:** 25 Jun 2008, 1 spec.; **15:** 22 Jul 2009, 1 spec., Mountain species requiring *Aconitum* spp. Chorologically remarkable record for the study area.

Deltote uncula (Clerck, 1759). **4:** 25 Jun 2008, 2 spec.; **12:** 20 Jun 2000, 1 spec. Characteristic species of wet meadows, usually occurring individually.

Calliergis ramosa (Esper, 1786). **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec. Specific to mountain beech forests, it is rarer at lower elevations (moreover, the species was recorded on the Croatian coast by the author). Typical of the montane Bohemian Forest, being widely distributed within the Boletice MTA.

Amphipyra perflua (Fabricius, 1787). **15:** 22 Jul 2009, 1 spec. Very rare species, there have been only a few records of its occurrence in the Czech Republic. The first credible record was from the town of Prachatice by STERNECK (1929). The same author considered the previous record from the city of Karlovy Vary as non-credible. The next record (1970) was from south Bohemia (KRAML & LEHEČKA 1975), but then was not observed in Bohemia until this record in the Blanice NNM and at several other sites in southern Bohemia (ŠUMPICH et al. 2010). The record from the Blanice NNM as well as those from other above sites confirm the species' re-occurrence in the Czech Republic after 40 years.

Phlogophora scita (Hübner, 1790). **13:** 28 Jul 2008, 2 spec.; **14:** 13 Jul 2009, 2 spec.; **22 Jul 2009**, 5 spec.; **15:** 13 Jul 2009, 4 spec.; **22 Jul 2009**, 8 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg. Very rare noctuid species, characteristic of mountain beech and mixed forests. Its distribution was last summarised by STERNECK (1929): the Orlické Hory Mts., Lužické Hory Mts., Krušné Hory Mts., the Šluknov region, the Bobří Soutěska pass near the town of Verneřice, as well as some other sites in northern, southern and western Bohemia; and by SKALA (1912–1913): in the vicinity of the city of Olomouc and of the town of Český Těšín. From the Jizerské hory Mts., it was first reported by KRAML & MAREK (1999), from the Bohemian Forest by SPITZER (1976), namely from the Kleť Mt. In 2006, it was found to be common on the Smrčina Mt. (the Bohemian Forest) by the author. The species requires mountain beech forests and their ecotones with climax Norway spruce forests. In the Blanice NNM, its occurrence was confirmed in BZ mountain forests as well as on the adjacent Špičák Mt. (ŠUMPICH & ČERNÝ 2010).

Dasytoplia templi (Thunberg, 1792). **14:** 21 Sep 2009, 1 spec.; **15:** 21 Sep 2009, 5 spec. Local mountain moth species associated with *Heracleum sphondylium*.

Lithophane consocia (Borkhausen, 1792). **15:** 21 Sep 2009, 4 spec. The core area of its distribution in the Czech Republic is in southern Bohemia, particularly in the Bohemian Forest. Outside the above area, it was recorded only in the village of Staré Hamry in the Moravskoslezské Beskydy Mts. in 2002 and 2006 (SITEK 2007). Faunistically remarkable record.

Apamea illyria Freyer, 1846. **13:** 25 Jun 2008, 3 spec.; **14:** 8 Jun 2009, 12 spec.; **15:** 8 Jun 2009, 3 spec.; **19:** 8 Jun 2009, 1 spec. In the past, the species was distributed very locally, but the recent frequency supports the assumption that it has been increasing its range. Moreover, in the BZ forests it is a characteristic and relatively common species.

Xestia collina (Boisduval, 1840). **14:** 4 Jul 2009, 1 spec. Relatively rare mountain species; there have been only a few records of its occurrence in the Czech Republic (STERNECK 1929; SOFFNER 1930; SKALA 1936; NOVÁK & SPITZER 1972; LAŠTŮVKA & DVOŘÁK 1990; LIŠKA & SKYVA 1997).

DISCUSSION

The Blanice NNM is composed of a relatively high diversity of habitats. Along the river and its tributaries, wet meadows predominate, but there are also peat-bogs and reedbeds. In the vicinity of Spálenec, more xerophilous grassland habitats occur. On the upper course, which is almost entirely located within the BZ, forests in various stage of succession, from Norway spruce plantations to well-preserved fragments of natural mountain forests, are the main habitat type. The high habitat diversity and healthy natural environment supports diverse and viable butterfly and moth communities. Therefore, the data are discussed according to the main habitat types, as classified by CHYTRÝ et al. (2001).

Meadows

In the Blanice NNM, grassland ecosystems are among those covering the most extensive areas. They include mainly wet meadows with the *Calthion* alliance, *Calthionion* and the *Filipendulenion* suballiance. The majority of meadows line the Blanice River and its tributaries (particularly the Černý Potok, Sněžný Potok, and Puchéřský Potok streams). At many sites, they continuously merge into various wetland and peat-bog types. Grassland communities were studied in detail, particularly along the part of the stream west of the village of Arnoštov (the Blanice site). Due to broken topography in this part of the study area, a lot of subsites were identified (see Table 1). Nevertheless, it is clear that grassland species were to a lesser extent recorded in other habitat types, because of high vagility of the butterfly and moth species.

The lepidopteran community with the highest species richness was found near the Spálenec train station (site 4), partially because A. Pavlíčko had carried out a survey there (PAVLÍČKO 1999). Common grassland species were the most abundant here. Drier to mesophilous meadows were preferred by, e.g., *Boloria selene*, *Chiasmia clathrata*, *Eupithecia subumbrata*, *Hadena confusa*, *H. bicruris*, *H. rivularis*, *Mythimna conigera*, *Tholera decimalis*, *T. cespitis*, eventually *Sophronia semicostella* and *Lycophotia porphyrea*, which prefer *Calluna vulgaris*. Exclusively wet meadows were preferred by *Agonopterix parilella*, *A. angelicella*, *Bryotropha boreella*, *B. galbanella*, *Acompsia cinerella*, *Aphelia unitana*, *Epermenia falciformis*, *Lycaena virgaureae*, *L. hippothoe*, *Maculinea nausithous*, *Polyommatus amandus*, *Brenthis ino*, *Procllossiana eunomia* (recorded by A. Pavlíčko; PAVLÍČKO 1996a), *Melitaea diamina* (recorded by A. Pavlíčko; PAVLÍČKO 1997, 1999), *Scopula immutata*, *Plusia putnami*, *Apamea rubrireana*, *A. unanimitis*, *A. scolopacina*, *Chortodes minima*, *C. pygmina*, *Mythimna pudorina*, *M. impura*, *Eriopygodes imbecillus*, *Cybosia mesomella*, or *Diacrisia sannio*. At the same time, many grassland species recorded preferred higher elevations, e.g., *Perizoma albulatum* or *P. verberatum*. The record of *B. boreella* is particularly remarkable, because it is only the fourth record in the Czech Republic. From the point of view of nature conservation, special attention should be paid to *Procllossiana eunomia*, since, in the Czech Republic, the butterfly inhabits only southern Bohemia. Concerning the survey in the Blanice River grassland habitats, the unusual multiple records of *Elophos vittarius*, which normally lives in mountain Norway spruce forests, should be mentioned. This geometrid moth species normally reaches very high numbers in climax Norway spruce forests; however, it was not recorded in the mountain Norway spruce forests in the BZ.

Wetlands

Although a wetland can be relatively easily distinguished from a wet meadow by vegetation, from a point of view of butterfly and moth communities, it is necessary (probably with the exception of reedbeds) to record the number and frequency of individuals, rather than just

the species' presence alone. Most species associated with wet meadows are also able to inhabit peat-bogs. Since the above habitat types (not only in the Blanice NNM) merge continuously into each other and form a lot of various ecotones, it is obvious, that the significant dominance of these species in moth fauna is due to highly adaptive wet meadow species *A. cinerella*, *C. pygmina*, *M. pudorina*, *M. impura*, and *D. sannio*. Despite difficulties in discerning habitats, the frequency, abundance, or specific trophic relations of many species clearly indicate that they strongly prefer wetland habitat types. In the Blanice NNM, *Elachista albifrontella*, *Coleophora alticolella*, *Scopula ternata*, *Orthonama vittata*, *Hypenodes humidalis*, *Deltote uncula*, *Polymixis gemmea*, *A. ophiogramma*, *Celaena leucostigma*, *Mythimna comma*, and *Thumatha senex* are associated with wetlands where sedges (*Carex* spp.) predominate. *Cosmopterix orichalcea*, *C. lienigiella*, and *Mythimna obsoleta* are associated only with reedbeds. In the vicinity of the Blanice River stream, there are refuges for most of the above species, while reedbed species can be found at the Reedbeds site.

Wetland willow growths and riparian vegetation

Most moth species associated with trees growing on wet meadows (most often spheric willow trees) or growing on stream banks (particularly various *Salix* spp. and *Alnus* spp.) are able to inhabit the same species growing outside the habitat types, from solitary trees to deciduous broadleaved forests with a well-developed canopy layer. As with meadow species, these wetland species cannot simply be assigned to a particular habitat type. Nevertheless, wetland willow growths are strongly preferred not only by *Teleiodes notatellus*, *Apotomis infida*, *Ancylis geminana*, *A. diminutana*, *Pterapherapteryx sexalata*, *Hydriomena ruberata*, and *Brachylomia viminalis*, whose caterpillars are strongly associated with *Salix* spp., but also by *Epione vespertaria*, *E. repandaria*, *Epirrita autumnata*, *Notodonta torva*, and *Pheosia tremula*, who have broader diets (*Salix* spp., *Populus* spp., and other tree species). *Hydrelia sylvata* is associated with growths on stream banks with predominanting *Alnus* spp. as well as to wet alder growths. This species was recorded in high numbers in the vicinity of the Blanice River stream at the Spálenec train station site. Similar habitat requirements are displayed by the very rare moth *Lithophane consocia* associated with alder woods and forest edges. The species occurs very rarely, mostly individually and, in the Blanice NNM, it was recorded in a forest glade at the Dlouhý Hřbet ridge. Outside the deciduous broadleaved forests, species associated with birch trees and wet sites (road-sides, stream banks, and meadow ecotones) were regularly observed. Among others, *Pheosia gnoma*, *Leucodonta bicoloria*, or *Odontosia carmelita*, which also prefer higher elevations (similarly to the above *Hydriomena ruberata* or *Lithophane consocia*) should be mentioned.

Peat bogs

In the Blanice NNM, peat-bog species (tyrphobionts and tyrrophilous) occurred mainly in the BZ. The most extensive peat bog is situated in the vicinity of the Puchéřský Potok stream and at the Vlčí jámy site. Moreover, peat-bog species inhabit less extensive refuges, a fact confirmed by records of *Boloria aquilonaris* (PAVLÍČKO 1996a) and *Colias palaeno* (PAVLÍČKO 1997, 1999). Both species are a key reason for establishing the NNM and the site is ideally suited to them (A. PAVLÍČKO, pers. comm.). Among other tyrphobionts, the psychiid moth *Sterrhopterix standfussi* (see species notes), and noctuids *Acrionicta menyanthidis* and *Celaena haworthii* should be mentioned. These moths are abundant in the vicinity of the Puchéřský Potok stream and they are presumably present in other adjacent peat bogs. In addition to peat bogs, many tyrrophilous species can inhabit montane coniferous forests with *Vaccinium* spp. in the undergrowth, due to the presence of their host plant and a favourable microclimate. For example, the following species occur in peat bogs as well as in the mon-

tane forests of the Blanice NNM (including its BZ in the Boletice MTA): *Argyresthia brockeella*, *Pleurota bicostella*, *Chionodes luctuellus*, *Neofaculta infernella*, *Apotomis sauciana*, *Rhopobota ustomaculana*, *Olethreutes bipunctanus*, *Ancylis myrtillana*, *Catoptria margaritella*, *Vacciniina optilete* (recorded by A. Pavlíčko; PAVLÍČKO 1997, 1999), *Scopula ternata*, *Entephria caesiata*, *Eulithis testata*, *Eulithis populata*, *Cosmotriche lobulina*, *Hypena crassalis*, *Papestra biren*, *Lithomoia solidaginis*, and *Polia hepatica*. The occurrence of the tyrphophilous geometrid moth *Arichanna melanaria*, which has been recorded only at the Pine forest site, can be assumed at more sites. Several other species are unique to this habitat, namely *Olethreutes dissolutanus*, whose caterpillars feed on mosses growing on coniferous tree trunks, and *Digitivalva arnicella* which develops on *Arnica montana*.

Forests

In the course of butterfly and moth surveys in the Blanice NNM, special attention was paid to forest habitats. A very large area, the whole NNM BZ and the Boletice MTA, had not been surveyed in the past, particularly due to the fact that, since 1950, the area was a closed zone for decades. In addition, montane forests, namely Norway spruce ones, were not considered to be attractive for such surveys. In 2008–2009, Norway spruce forests just under the Černá Stěna Mt. top (site 13) as well as in the Old-growth forest (site 14) were studied. Remnants of the above habitats were preserved in the top-most parts of the Dlouhý Hřbet ridge (site 15). Moth species associated with forests were to a lesser extent found in other habitats. Records of the very local tortricid moth, *Cydia inquinatana*, associated with maples (*Acer* spp.) at the Lapačka site, or that of the rare geometrid moth, *Hydrelia blomeri*, which feeds on *Ulmus glabra*, are worth mentioning. Although the latter prefers cold scree-woods and forests with natural tree composition, and was recorded in such a habitat at the Dlouhý Hřbet ridge, the species was significantly more common at the Blanice site and was recorded several times at atmospheric inversion elevations at the Spálenec train station site. Another species associated with elms, *Satyrrium w-album*, was recorded on a forest road across the Dlouhý Hřbet ridge very close to the only elm tree in the site. The record of the geometrid moth, *Fagivorina arenaria*, which is very localised and otherwise rare in the Czech Republic, is quite remarkable. In relation to unique occurrence in the Czech Republic (some meadow and peat-bogs species), also the presence of some beech forest species in the NNM BZ confirms the extraordinary natural value of the study area. In the Czech Republic, the geometrid species, *Entephria infidaria* and *Perizoma taeniatum*, and the noctuid moth *Phlogophora scita*, are extremely locally distributed, the core area of their distribution being in southern Bohemia; they clearly prefer wet and shady habitats in mountain beech forests. *P. taeniatum* feeds on *Stellaria media*, whereas *E. infidaria* and *P. scita* are polyphagous, the latter preferring the fern *Dryopteris filix-mas*. Many Lepidoptera species recorded are associated with montane beech forest undergrowth; in this respect, the species that feed on various honeysuckle species (*Lonicera* spp.), particularly *Ypsolopha nemorella*, *Calliergis ramosa*, and *Synanthedon soffneri* (recorded by A. Pavlíčko, see also PAVLÍČKO 1999) is worth mentioning as their occurrence in the Bohemian Forest is unique throughout the whole country. *Anchinia daphnella* feeds on *Daphne mezereum*, while *Philereme vetulata* and *Philereme transversata* develop on *Rhamnus* spp. and the alder buckthorn *Frangula alnus*, while *Eupithecia immundata* is closely associated with *Actaea spicata*.

At present, Norway spruce plantations are the most extensive forest type in the study area. Due to forest management measures, they have replaced almost all natural deciduous broad-leaved and mixed forests, particularly over the last 60 years. Nevertheless, many species that favour the natural deciduous forests are still present in the Blanice NNM BZ, e.g., *Triaxo-mera fulvimitrella*, *Lozotaenia forsterana*, *Xanthorhoe incurmata*, *Entephria caesiata*,

Hyppa rectilinea, and *Panthea coenobita*. Species associated with the European silver fir (*Abies alba*), namely *Pseudohermenias abietana*, *Epinotia pusillana*, *Epinotia fraternana*, *Cydia coniferana*, *Chiasmia signaria*, *Pungeleria capreolaria*, or *Thera britannica* should be mentioned. The sightings of the tortricids, *Epinotia pusillana* and *Cydia coniferana*, were surprising given the lack of historical records for these species in Bohemia. The geometrid moth *Lampropteryx otregiata* is considered as a characteristic species of natural water-logged Norway spruce forests; in the Blanice NNM, it was found at most sites and subsites studied. The gelechiids, *Caryocolum klosi* and *C. cassellum*, which feed on *Stellaria* spp. (similar to *Euphyia biangulata*, being characteristic of natural forests), are important species of montane forests, especially in the undergrowth of Norway spruce. Both species are considered very rare. Moreover, recent detailed surveys carried out in montane Norway spruce forests have confirmed that the above assumption would have been influenced by a lack of knowledge of mountain ecosystems generally. In the Old-growth forest site as well as at the Dlouhý hřbet ridge, both were predominant species in the period of adults' occurrence. Finally, the depressarid moth, *Agonopterix petasitis*, is characteristic of mountain forests, particularly of wet depressions with prevailing butterburs (*Petasites* spp.).

Mountain species and faunistically remarkable records

Many other species, whether specialists or generalists in terms of habitat preference, exhibit a highly localised distribution or show a clear preference for higher elevations. Many habitat-specific species also require higher elevations (e.g., *B. aquilonaris*, *X. incursata*, *P. verberatum*, *E. vittarius*, or *Phlogophora scita*). *Algedonia terrealis*, *Erebia ligea*, *E. euryale*, *Ennomos alniarius*, *Alcis bastelbergeri*, *Epirrhoe rivata*, *Chloroclysta miata*, *Perizoma affinitatum*, *Syngrapha interrogationis*, *Autographa bractea*, *Dasyptolia templi*, and *Xestia collina* are widely, but locally distributed. Higher vegetation zones are preferred also by *Archinemapogon yildizae*, *Rhigognostis incarnatella*, *Agonopterix senecionis*, *Elachista adscitella*, *Catoptria osthelderi*, *Polychrysis moneta*, *Cucullia prenanthis* (recorded by K. Černý, ČERNÝ 2005), and *Amphipyra perflua*, the latter two species being very rare. *C. prenanthis* has only been recorded occasionally in Bohemia (STERNECK 1929, UŘIČAŘ 2000), while *A. perflua* had not been sighted for many years (cf. comment on this species). Similarly, the occurrence of the tortricid, *Aterpia corticana*, is extraordinary, because it cannot be found outside the Bohemian Forest and Novohradské hory Mts. at present. The occurrence of the mountain dealpine geometrid moth, *Colostygia kollariaria*, near the village of Blažejovice is highly extraordinary (see PROCHÁZKA 2000), since this is the only known site inhabited by the species in the whole Czech Republic.

Records of most habitat-specific species were also remarkable and they have been mentioned in the study. Findings of *Nemapogon picarellus*, *Ethmia pusiella*, *Dioryctria schuetzeella*, *Autographa jota*, and *Oligia versicolor* were also remarkable in this respect, because they have only been mentioned very occasionally in the literature.

Nature conservation

The Blanice NNM was delineated and consequently declared as a SPA thanks to the unique occurrence of the European freshwater pearl mussel (*Margaritifera margaritifera*). Its population in the Blanice NNM is among the most abundant in Central Europe. The conservation focus on the mussel means that the NNM area includes (with a few exceptions) only floodplain meadows along the Blanice River watercourse. However, many ecologically valuable habitats are to be found in the BZ, and areas of similar character in other parts of Bohemia and Moravia would definitely attract nature conservationists and special attention would be paid to such an area. These are patches of semi-natural wet meadows of varying size,

which have been disappearing very quickly from the Czech landscape as natural succession results in shrubs and trees taking over. The European freshwater pearl mussel is also the main focus of conservation efforts at other sites in the Czech Republic, e.g., in the Jankovský Potok stream (protected as the Jankovský Potok NNM) in the Bohemian-Moravian Highlands, where the fauna of adjacent, similarly valuable wet meadows is almost overlooked.

The results of these Lepidoptera surveys in the Blanice NNM carried out in 2008–2009, supplemented with substantial historical data, provide valuable information on butterfly and moth communities from the entire SPA. In terms of nature conservation, the occurrence of the dusky large blue (*Maculinea nausithous*) and scarce large blue (*M. telejus*), which are protected under European legislation and are classified as Near Threatened in the Red List of Threatened Species in the Czech Republic (FARKAČ et al. 2005), is very pleasing. From the aforementioned Red List, the following species were found in the study area: *Satyrrium w-album*, *Boloria aquilonaris*, *Melitaea diamina*, *Polychrysis moneta*, *Litophane consocia* (Threatened); *Anichinia daphnella*, *Hesperia comma*, *Leptidea sinapis*, *Colibris palaeno*, *Satyrrium w-album*, *Lycaena alciphron*, *Vacciniina optilete*, *Boloria euphrosyne*, *Procllossiana eunomia*, *Arichanna melanaria*, *Entephria infidaria*, *Hydrelia blomeri*, *Orthonama vittata*, *Perizoma taeniatum*, *Syngrapha interrogationis* (Vulnerable); *Ethmia pusiella*, *Fagivorina arenaria*, *Lampropteryx otregiata*, and *Acronicta menyanthidis* (Near Threatened). Under Czech legislation (the Act No. 114/1992 Gazette on the Protection of Nature and the Landscape; the Ministry of the Environment Decree No. 395/1992 Gazette), *C. palaeno*, *Papilio machaon*, *Apatura iris*, *Limenitis populi*, *P. eunomia*, *M. nausithous*, and *M. telejus* are additionally protected.

Therefore, it is very clear that the European freshwater pearl mussel should not be the sole focus of nature conservation activities in the Blanice NNM or in other similar cases, when the protection of the single species is considered more important than that of the whole non-target wildlife species community. Contrary to the European freshwater pearl mussel for which species protection tools can be applied (management aim to maintain the species based on the detailed information on its bionomics), for insects including butterflies and moths it is necessary to implement management measures in a complex way to conserve whole communities (with the exception of a very few critically endangered species).

Based on the current knowledge of lepidopteran fauna in the Blanice NNM, it can be assumed that mountain forests (particularly below the top of the Černá Stěna Mt., in some parts of the Old-growth forest, and in a Pine forest near the village of Arnoštov) do not need to be specifically managed and they can harbour viable populations of habitat-specific species, provided that a dramatic felling is avoided. Indeed, forests on the Dlouhý Hřbet ridge have been damaged by intensive forest management and, because of this, native tree species – European silver fir, European beech, and maples – occur only in very small numbers there.

At present, a peat bog along the Puchéřský Potok stream, Vlčí Jámy, and most other smaller peat bogs can be left to spontaneous development. Tree and bush layers should be continuously managed there. Wetland habitats at the Blanice site can be maintained with differential intensity. The most remarkable species recorded there do not require regular and even more intense mowing, which usually results in environment homogenization and, consequently, in a species diversity loss (cf. the Blanice River floodplain site, where heavy machinery has been applied). On the other hand, spreading of expansive species (the hogweeds, small-reed), as well as alder growths and other self-sowing tree species are threatening previously protected wet meadow habitats. Extensive wet meadows at the Spálenec site are relatively well preserved and based on current knowledge, they are very valuable entomologically. Therefore, they should be managed in a mosaic scheme, when mowing is carried

out in multi-year cycles. If these general recommendations are applied in an environment-friendly way, even populations of the species with highly specific requirements, e.g., *Boloria aquilonaris*, *Proclossiana eunomia*, or *Colias palaeno*, can be maintained there.

CONCLUSIONS

This study presents the results of surveys on lepidopteran fauna in the Blanice NNM. Out of the total of 710 Lepidoptera species, 631 were confirmed by surveys carried out by the author during 2008–2009 in the Blanice NNM, and most of them were new records for the site.

Owing to the occurrence of tyrphobiont species, *Sterrhopterix standfussi*, *Boloria aquilonaris*, *Colias palaeno*, *Acrionicta menyanthidis*, *Celaena haworthii*, along with many other peat-bog associated species, peat bogs can be considered as relatively well preserved. Diverse butterfly and moth fauna were also found in wetlands and wet meadows, ecologically remarkable species included *Proclossiana eunomia*, *Orthonama vittata*, *Hypenodes humidalis*, or *Thumatha senex*.

The extensive BZ forests harbour a diverse moth fauna, consisting of many unique species within the Blanice NNM. Among them, *Ypsolopha nemorella*, *Synanthedon soffneri*, *Olethreutes dissolutanus*, *Epinotia pusillana*, *E. fraternana*, *Fagivorina arenaria*, *Entephria infidaria*, *Perizoma taeniatum*, *Lampropteryx otregiata*, and *Phlogophora scita* should be mentioned.

The most interesting records include those of *Rhigognostis incarnatella*, *Digitivalva arnicella*, *Bryotropha boreella*, *Caryocolum klosi*, *C. cassellum*, *Aterpia corticana*, *Olethreutes dissolutanus*, *Epinotia pusillana*, and *Amphipyra perflua*, many of which had not been recorded in the Czech Republic for years.

From the point of view of nature conservation, the current state of nature seems to be very favourable, particularly that of open ecosystems in the BZ. However, it is recommended to radically change the management of BZ forests (exclusively in the Boletice MTA), with the objective being to facilitate and restore the original tree species composition. Better knowledge of insect species inhabiting the study area is needed, because the results presented in this study show that the European freshwater pearl mussel shall not be the only natural phenomenon to be effectively conserved there.

Acknowledgments. I wish to thank A. Pavlíčko and J. Majer for organizational help during this research. K. Černý and A. Pavlíčko provided many faunistic informations, J. Liška added valuable comments and information to the text, J. Plesník made an original translation, J. Vrba helped with the manuscript preparation, and P. Butterill revised the final manuscript.

SOUHRN

Národní přírodní památka (dále NPP) Blanice (včetně ochranného pásma, dále OP) patří k nejrozsáhlejším maloplošným chráněným územím v České republice (MAŠKOVÁ et al. 2003). Vyhlášení chráněného území bylo vedeno prioritní snahou ochránit největší středoevropskou populaci perlorodky říční (*Margaritifera margaritifera* (Linnaeus, 1758)). Z tohoto důvodu zahrnuje chráněné území pouze vlastní tok Blanice (přibližně od Blažejovic po Arnoštov) a jeho nejbližší okolí včetně několika přítoků. Veškeré ostatní plochy, prakticky výhradně v pramenné oblasti a horním povodí Blanice jsou chráněny pouze formou OP.

V minulosti se území lepidopterologicky věnoval především A. Pavlíčko, který zde od 90. let 20. století s větší či menší pravidelností sleduje výskyt denních motýlů (PAVLÍČKO 1997, 2000). Zvýšenou pozornost věnoval především druhům *Proclossiana eunomia* (Esper, 1799) a *Boloria aquilonaris* (Stichel, 1908), jejichž výskyt je zde v rámci České republiky jedineč-

ný (PAVLÍČKO 1996a,b). V letech 1988 a 1989 sledoval v údolí Blanice nedaleko železniční stanice Spálenec i noční druhy motýlů s využitím stacionárního světelného lapače hmyzu (PAVLÍČKO 1999). Unikátní nález píďalky *Colostygia kollariaria* (Herrich-Schäffer, 1848) u Blažejovic publikoval PROCHÁZKA (2000). Na vrcholu Chlum provedl extenzivní průzkum motýlů ČERNÝ (2005).

Prezentovaný příspěvek přináší výsledky průzkumů autora, který se v NPP Blanice v letech 2008 a 2009 intenzivně věnoval jak lučním a mokřadním stanovištím v nivě Blanice a jejich přítoků, tak lesním biotopům v OP. Převažující metodou sběru dat byly automaticky pracující přenosné lapače hmyzu, lov na různé zdroje ultrafialového záření a lov do síťky. Výsledkem bylo prokázání výskytu 631 druhů motýlů. Ekologicky, popřípadě faunisticky nejzajímavější nálezy jsou komentovány v textu. Formou appendixu na konci příspěvku je prezentován celkový přehled druhů dosud známých z NPP Blanice, který kromě nálezů autora zahrnuje i kriticky převzatá data jiných entomologů a již publikované údaje. Celkově tento přehled sumarizuje 710 zjištěných druhů.

NPP Blanice představuje biotopově velmi pestré území. Podél vlastního toku a jeho přítoků převažují mokřadní louky, zastoupeny jsou zde rašelinné biotopy a rákosiny. V okolí Spálence lze nalézt i suchomilnější luční společenstva. V povodí horního toku (prakticky celé je v OP NPP Blanice) převažují lesní porosty v různém stupni přirozenosti – od kulturních smrčín až po zachovalé zbytky přirozených horských lesů. Součástí OP jsou rašeliniště a blatkový bor. Tato biotopová pestrost a vysoká míra přírodní zachovalosti podmiňuje výskyt a prosperitu poměrně různorodých společenstev motýlů.

Společenstva lučních druhů byla podrobněji zkoumána především na řadě dílčích lokalit v okolí toku Blanice západně od Arnoštova (lokalita Blanice, viz Tab. 1). Ve společenstvech motýlů kvantitativně převažovaly široce rozšířené luční druhy, ale jednotlivě zde byla zjištěna celá řada druhů úzce vázaných na vlhké podmáčené louky, např. *Agonopterix parilella*, *A. angelicella*, *Bryotropha boreella*, *B. galbanella*, *Aphelia unitana*, *Epermenia falciiformis*, *L. hippothoe*, *Maculinea nausithous*, *Polyommatus amandus*, *Brenthis ino*, *Scopula immutata*, *Plusia putnami*, *Apamea rubrivena*, *A. unanimitis*, *A. scolopacina*, *Chortodes minima*, *Ch. pygmina*, *Mythimna pudorina*, *M. impura*. Na mokřadní louky s převahou ostřic (*Carex* spp.) je v NPP Blanice úzce vázán výskyt např. *Scopula ternata*, *Orthonama vittata*, *Hypenodes humidalis*, *Deltote uncula*, *Polymixis gemmea*, *A. ophiogramma*, *Celaena leucostigma*, *Mythimna comma* a *Thumatha senex*, výhradně rákosiny obývají *Cosmopterix orichalcea*, *C. lienigiella* a *Mythimna obsoleta*. Mimořádné je zjištění zejména *B. boreella*, které je teprve čtvrté na území České republiky. Z hlediska ochrany přírody zasluhuje zvlášť mimořádnou pozornost *Proclossiana eunomia*, jejíž výskyt je v českých zemích omezen pouze na oblast jižních Čech (PAVLÍČKO 1996a). Jedinečné je zde i zjištění horské píďalky *Elophos vittarius*.

Zvýšenou pozornost zasluhují rašeliništní druhy, které se v NPP Blanice vyskytují především v OP. Plošně nejrozsáhlejší rašeliniště se nachází v okolí Puchéřského potoka a na lokalitě Vlčí jámy. Rašeliništní druhy zde však obývají i výrazně menší refugia, což prokázalo i mapování perleťovce severního (*Boloria aquilonaris*) a žluťáka borůvkového (*Colias palaeno*) (PAVLÍČKO 1996a, 1997, 2000). Z dalších rašeliništních druhů je možné jmenovat vakonoše *Sterrhopterix standfussi* (viz komentář k druhu) a můry *Acronicta menyanthidis* a *Celaena haworthii*. Na více místech v NPP Blanice lze předpokládat i výskyt píďalky *Ariachanna melanaria*, která zde byla dosud zjištěna pouze na lokalitě Blatkový bor. Výhradně na této lokalitě byly zjištěny i další významné druhy motýlů, především *Digitivalva arnicella* a *Olethreutes dissolutanus*.

V rozsáhlých lesích OP bylo zjištěno druhově velmi početné společenstvo motýlů s řadou druhů, jejichž výskyt v NPP Blanice je možné považovat za unikátní. K takovým druhům

patří např. *Ypsolopha nemorella*, *Anchinia daphnella*, *Synanthedon soffneri*, *Epinotia pusillana*, *E. fraternana*, *Fagivorina arenaria*, *Entephria infidaria*, *Perizoma taeniatum*, *Lampropteryx otregiata* a *Phlogophora scita*. Velmi vysoké početnosti zde dosahují i obecně vzácné druhy *Caryocolum klosi*, *C. cassellum* nebo *Agonopterix petasitis*. Bohužel přírodní lesní stanoviště se zde dochovala pouze v podobě rozlohou malých fragmentů.

K faunisticky nejpozoruhodnějším nálezům patří *Rhigognostis incarnatella*, *Digitivalva arnicella*, *Bryotropha boreella*, *Aterpia corticana*, *Epinotia pusillana* a *Amphipyra perflua*, z nichž některé nebyly v České republice zjištěny mnoho desítek let.

Z hlediska ochrany přírody byl konstatován velmi příznivý stav přírodního prostředí, zejména nelesních ekosystémů. V lesích OP (výhradně ve vojenském výcvikovém prostoru Boletice) bylo doporučeno radikálně změnit přístup v hospodaření, především ve smyslu obnovy původní dřevinné skladby. Bylo doporučeno dále prohlubovat poznání hmyzích společenstev, neboť z předložených výsledků je zřejmé, že perlorodka říční nemůže být do budoucna jediným předmětem ochrany přírody v tomto chráněném území.

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Received: 2 November 2010

Accepted: 30 March 2011

Appendix 1. List of the species recorded at Blаницe National Nature Monument

Hepialidae

Hepialus hecta (Linnaeus, 1758). **4:** 25 Jun 2008, 2 spec.; **14:** 4 Jul 2009, 1 spec.; **15:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **18:** 13 Jul 2009, 1 spec.

Hepialus humuli (Linnaeus, 1758). **14:** 4 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15:** 8 Jun 2009, 1 spec., 13 Jul 2009, 1 spec.

Nepticulidae

Stigmella hemargyrella (Kollar, 1832). **15:** 22 Jul 2009, 1 spec.

Opostegidae

Pseudopostega crepusculella (Zeller, 1839). **8:** 28 Jul 2008, 5–10 spec.

Opostega salaciella (Treitschke, 1833). **8:** 13 Jul 2009, 2 spec.; **15:** 13 Jul 2009, 1 spec.

Adelidae

Adela degeerella (Linnaeus, 1758). **4:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.

Nematopogon schwarziellus Zeller, 1839. **4:** 25 Jun 2008, 2 spec.

Nematopogon robertellus (Clerck, 1759). **6:** 25 Jun 2008, 2 spec.; **14:** 8 Jun 2009, 2 spec.; **15:** 8 Jun 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Incurvariidae

Incurvaria oehlmanniella (Hübner, 1796). **4:** 25 Jun 2008, 1 spec.; **6:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 3 spec.; **18:** 22 Jul 2009, 1 spec.

Lampronia corticella (Linnaeus, 1758). **4:** 25 Jun 2008, 4 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 1 spec.

Tineidae

Haplotinea insectella (Fabricius, 1794). **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Montescardia tessulatella (Lienig & Zeller, 1846). **13:** 28 Jul 2008, 1 spec.; **14:** 8 Jun 2009, 3 spec.; **19:** 8 Jun 2009, 1 spec.

Morophaga choragella (Dennis & Schiffermüller, 1775). **6:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 22 Jul 2009, 2 spec.; **15:** 22 Jul 2009, 1 spec.

Archinemapogon yildizae Kocak, 1981. **14:** 22 Jul 2009, 1 spec.

Triaxomera fulvimitrella (Sodoffsky, 1830). **13:** 25 Jun 2008, 2 spec.

Nemapogon cloacellus (Haworth, 1828). **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 2 spec.; **19:** 8 Jun 2009, 2 spec.

Nemapogon picarellus (Clerck, 1759). **4:** 25 Jun 2008, 1 spec.

Tinea semifulvella Haworth, 1828. **18:** 22 Jul 2009, 1 spec.

Tinea trinotella Thunberg, 1794. **4:** 25 Jun 2008, 2 spec.; **13:** 25 Jun 2008, 1 spec.; **18:** 22 Jul 2009, 1 spec.

Niditinea fuscella (Linnaeus, 1758). **7:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 1 spec.

Niditinea striolella (Matsumura, 1931). **4:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **15:** 22 Jul 2009, 1 spec.

Monopis laevigella (Dennis & Schiffermüller, 1775). **7:** 25 Jun 2008, 1 spec.

Psychidae

Psyche casta (Pallas, 1767). **19:** 8 Jun 2009, 1 spec.

Sterropterix standfussi (Wocke, 1851). **4:** 25 Jun 2008, 1 spec.

Bucculatricidae

Bucculatrix ulmella Zeller, 1848. **7:** 25 Jun 2008, 2 spec.

Gracillariidae

Caloptilia betulicola (Hering, 1928). **4:** 25 Jun 2008, 1 spec.; **18:** 13 Jul 2009, 1 spec. (gen. prep.).

Caloptilia stigmatella (Fabricius, 1781). **4:** 25 Jun 2008, 1 spec.

Aspilapteryx limosella (Duponchel, 1844). **13:** 29 May 2008, 1 spec.

Eucalybites aurogutellus (Stephens, 1835). **8:** 13 Jul 2009, 5–10 spec.; **17:** 14 Jul 2009, 5–10 spec.; **18:** 22 Jul 2009, 1 spec.

Parornix betulae (Stainton, 1854). **18:** 22 Jul 2009, 1 spec. (gen. prep.).

Parornix devoniella (Stainton, 1850). **8**: 28 Jul 2008, 1 spec. (gen. prep.).

Yponomeutidae

Yponomeuta evonymellus (Linnaeus, 1758). **4**: 25 Jun 2008, 16 spec.; **8**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **17**: 14 Jul 2009, 2 spec.

Yponomeuta sedellus Treitschke, 1832. **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 1 spec.

Swammerdamia caesiella (Hübner, 1796). **4**: 25 Jun 2008, 1 spec.

Swammerdamia compunctella (Herrich-Schäffer, 1855). **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 2 spec.

Prays fraxinellus (Bjerkander, 1784). **7**: 25 Jun 2008, 1 spec.

Argyresthia glabratella (Zeller, 1847). **14**: 8 Jun 2009, 1 spec.; **15**: 8 Jun 2009, 2 spec.

Argyresthia bergiella (Ratzeburg, 1840). **4**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 6 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 16 spec.; **15**: 13 Jul 2009, 3 spec., 22 Jul 2009, 13 spec.; **18**: 13 Jul 2009, 1 spec.

Argyresthia brockeella (Hübner, 1813). **4**: 25 Jun 2008, 4 spec.; **7**: 25 Jun 2008, 1 spec.; **18**: /, 22 Jul 2009, 2 spec.

Argyresthia goedartella (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **8**: 28 Jul 2008, 2 spec.; **13**: 28 Jul 2008, 1 spec.

Argyresthia pygmaeella (Dennis & Schiffermüller, 1775). **7**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 2 spec.

Argyresthia sorbiella (Treitschke, 1833). **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.

Argyresthia conjugella Zeller, 1839. **4**: 25 Jun 2008, 11 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 3 spec.

Argyresthia semitestacella (Curtis, 1833). **13**: 28 Jul 2008, 1 spec.

Ypsolophidae

Ypsolopha nemorella (Linnaeus, 1758). **13**: 28 Jul 2008, 1 spec.

Ypsolopha parenthesesella (Linnaeus, 1761). **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Ypsolopha sequella (Clerck, 1759). **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 22 Jul 2009, 1 spec.

Plutellidae

Plutella xylostella (Linnaeus, 1758). **4**: 25 Jun 2008, 2 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 28 Jul 2008, 2 spec., 13 Jul 2009, 5–10 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 7 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 19 spec.; **18**: 22 Jul 2009, 8 spec.; **17**: 14 Jul 2009, 5–10 spec.

Rhigognostis incarnatella (Steudel, 1873). **15**: 8 Jun 2009, 2 spec.

Eidophasia messingiella (Fischer von Röslerstamm, 1840). **4**: 25 Jun 2008, 4 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 6 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.

Acrolepiidae

Digitivalva arnicella (Heyden, 1863). **18**: 22 Jul 2009, 1 spec.

Lyonetiidae

Lyonetia clerkella (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.

Ethmiidae

Ethmia quadrillella (Goeze, 1783). **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 10 spec.; **14**: 13 Jul 2009, 3 spec.; **15**: 13 Jul 2009, 2 spec.

Ethmia pusiella (Linnaeus, 1758). **15**: 22 Jul 2009, 1 spec.

Depressariidae

Agonopterix ocellana (Fabricius, 1775). **14**: 8 Jun 2009, 1 spec.

Agonopterix conterminella (Zeller, 1839). **6**: 28 Jul 2008, 1 spec.

Agonopterix liturosa (Haworth, 1811). **4**: 21 Aug 2008, 2 spec.; **8**: 21 Aug 2008, 1 spec., 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 1 spec.

Agonopterix heracliana (Linnaeus, 1758). **4**: 29 May 2008, 1 spec.; **14**: 21 Sep 2009, 1 spec.

Agonopterix ciliella (Stainton, 1849). **15**: 21 Sep 2009, 5 spec. (1 spec. gen. prep.).

Agonopterix parillella (Treitschke, 1835). **3**: 21 Aug 2008, 1 spec.

Agonopterix curvipunctosa (Haworth, 1811). **15**: 21 Sep 2009, 1 spec.

Agonopterix angelicella (Hübner, 1813). **4**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec.

Agonopterix senecionis (Nickerl, 1864). **14**: 8 Jun 2009, 1 spec.; **15**: 21 Sep 2009, 3 spec.; **19**: 8 Jun 2009, 1 spec.

Agonopterix arenella (Dennis & Schiffermüller, 1775). **6:** 10 Jun 2008, 1 spec.; **15:** 21 Sep 2009, 2 spec.
Agonopterix petasitis (Standfuss, 1851). **13:** 28 Jul 2008, 3 spec.; **14:** 13 Jul 2009, 4 spec., 22 Jul 2009, 10 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 10 spec., 22 Jul 2009, 31 spec.; **19:** 4 Jul 2009, 4 spec.
Depressaria albipunctella (Dennis & Schiffermüller, 1775). **8:** 28 Jul 2008, 1 spec.
Depressaria sordidatella Tengström, 1848. **8:** 28 Jul 2008, 1 spec.

Oecophoridae

Bisigna procerella (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 1 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15:** 22 Jul 2009, 9 spec.
Denisia similella (Hübner, 1796). **13:** 28 Jul 2008, 1 spec.; **18:** 22 Jul 2009, 1 spec.
Denisia stipella (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 7 spec., 22 Jul 2009, 5 spec.; **15:** 8 Jun 2009, 2 spec., 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.
Crassa tinctella (Hübner, 1796). **4:** 25 Jun 2008, 5 spec.; **6:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 1 spec.
Batia unitella (Hübner, 1796). **14:** 22 Jul 2009, 1 spec.
Harpella forficella (Scopoli, 1763). **14:** 22 Jul 2009, 4 spec.; **18:** 22 Jul 2009, 2 spec.
Pleurota bicostella (Clerck, 1759). **12:** 20 Jun 2000, 1 spec.; **18:** 13 Jul 2009, 13 spec., 22 Jul 2009, 16 spec.

Elachistidae

Elachista quadripunctella (Hübner, 1825). **15:** 8 Jun 2009, 2 spec.
Elachista alpinella Stainton, 1854. **14:** 13 Jul 2009, 2 spec.; **15:** 13 Jul 2009, 2 spec.
Elachista albifrontella (Hübner, 1817). **4:** 25 Jun 2008, 23 spec.; **6:** 25 Jun 2008, 6 spec.; **7:** 25 Jun 2008, 7 spec.; **15:** 22 Jul 2009, 1 spec.
Elachista apicipunctella Stainton, 1849. **14:** 8 Jun 2009, 10 spec.; **15:** 8 Jun 2009, 2 spec.
Elachista subalbidella Schläger, 1847. **15:** 8 Jun 2009, 1 spec.
Elachista apicipunctella Stainton, 1849. **13:** 25 Jun 2008, 1 spec.
Elachista argentella (Clerck, 1759). **7:** 25 Jun 2008, 1 spec.
Elachista adscitella Stainton, 1851. **13:** 28 Jul 2008, 1 spec.; **14:** 22 Jul 2009, 37 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 54 spec.; **19:** 4 Jul 2009, 1 spec.

Batrachedridae

Batrachedra pinicolella (Zeller, 1839). **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15:** 22 Jul 2009, 4 spec.; **18:** 22 Jul 2009, 1 spec.

Coleophoridae

Coleophora milvipennis Zeller, 1839. **18:** 13 Jul 2009, 1 spec. (gen. prep.), 22 Jul 2009, 1 spec.
Coleophora badiipennella (Duponchel, 1843). **18:** 13 Jul 2009, 5 spec. (1 spec. gen. prep.).
Coleophora lithargyrinella Zeller, 1849. **14:** 4 Jul 2009, 1 spec. (gen. prep.), 13 Jul 2009, 1 spec. (gen. prep.); **15:** 4 Jul 2009, 4 spec. (1 spec. gen. prep.); **18:** 22 Jul 2009, 2 spec. (gen. prep.); **19:** 4 Jul 2009, 2 spec. (1 spec. gen. prep.).
Coleophora sylvaticella Wood, 1892. **19:** 8 Jun 2009, 1 spec. (gen. prep.).
Coleophora therinella Tengström, 1848. **15:** 13 Jul 2009, 1 spec. (gen. prep.).
Coleophora striatipennella Tengström, 1848. **14:** 13 Jul 2009, 1 spec. (gen. prep.).
Coleophora mayrella (Hübner, 1813). **6:** 25 Jun 2008, 1 spec.; **8:** 28 Jul 2008, 1 spec.
Coleophora laricella (Hübner, 1817). **7:** 25 Jun 2008, 3 spec.
Coleophora alticolella Zeller, 1849. **4:** 25 Jun 2008, 6 spec. (1 spec. gen. prep.).

Momphidae

Mompha locupletella (Dennis & Schiffermüller, 1775). **14:** 13 Jul 2009, 8 spec., 22 Jul 2009, 4 spec.; **15:** 13 Jul 2009, 4 spec., 22 Jul 2009, 2 spec.
Mompha raschkiella (Zeller, 1839). **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.
Mompha subbistrigella (Haworth, 1828). **13:** 28 Jul 2008, 1 spec.

Blastobasidae

Hypatopa binotella (Thunberg, 1794). **4:** 25 Jun 2008, 2 spec.; **6:** 28 Jul 2008, 2 specimes; **14:** 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 18 spec.

Amphisbatidae

Pseudatemelia josephinae (Toll, 1956). **14:** 13 Jul 2009, 2 spec., 22 Jul 2009, 20 spec.; **15:** 13 Jul 2009, 3 spec., 22 Jul 2009, 9 spec.; **19:** 4 Jul 2009, 2 spec.

Anchinia daphnella (Dennis & Schiffermüller, 1775). **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Cosmopterigidae

Cosmopterix orichalcea Stainton, 1861. **4**: 25 Jun 2008, 1 spec.

Cosmopterix lienigiella Lienig & Zeller, 1846. **4**: 25 Jun 2008, 2 spec.

Gelechiidae

Metzneria lappella (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.

Argolamprotes micella (Dennis & Schiffermüller, 1775). **14**: 22 Jul 2009, 1 spec.

Eulamprotes unicolorella (Duponchel, 1843). **4**: 25 Jun 2008, 12 spec.; **6**: 25 Jun 2008, 7 spec.; **7**: 25 Jun 2008, 11 spec.; **8**: 10 Jun 2008, 1 spec.

Eulamprotes atrella (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 4 spec.; **8**: 28 Jul 2008, 11–30 spec.; **14**: 22 Jul 2009, 1 spec.

Bryotropha terrella (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 1 spec.; **7**: 25 Jun 2008, 2 spec.; **8**: 13 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Bryotropha boreella (Douglas, 1851). **6**: 28 Jul 2008, 1 spec. (♂, gen. prep.).

Bryotropha galbanella (Zeller, 1839). **4**: 28 Jul 2008, 1 spec.; **6**: 28 Jul 2008, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 16 spec.

Bryotropha senectella (Zeller, 1839). **15**: 22 Jul 2009, 1 spec.; **8**: 13 Jul 2009, 1 spec. **17**: 14 Jul 2009, 1 spec.

Bryotropha similis (Stainton, 1854). **6**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec. (gen. prep.).

Exoteleia dodecella (Linnaeus, 1758). **4**: 25 Jun 2008, 46 spec.; **6**: 25 Jun 2008, 7 spec.; **18**: 22 Jul 2009, 3 spec.

Teleiodes notatellus (Hübner, 1813). **4**: 25 Jun 2008, 1 spec.

Teleiodes proximellus (Hübner, 1796). **4**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 18 spec.

Teleiodes fugitivellus (Zeller, 1839). **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.

Atenia scriptella (Hübner, 1796). **19**: 4 Jul 2009, 1 spec.

Gelechia muscosella Zeller, 1839. **8**: 28 Jul 2008, 2 spec.

Chionodes tragicellus (Heyden, 1865). **7**: 25 Jun 2008, 10 spec.

Chionodes luctuellus (Hübner, 1793). **4**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 2 spec. A wetland gelechiid moth species, strongly tyrphophilous.

Chionodes electellus (Zeller, 1839). **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 6 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 3 spec.; **18**: 22 Jul 2009, 2 spec.

Athrips mouffetellus (Linnaeus, 1758). **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Euscrobipalpa acuminatella (Sircom, 1850). **4**: 25 Jun 2008, 1 spec.; **13**: 29 May 2008, 1 spec.

Caryocolum kloisi (Rebel, 1917). **14**: 22 Jul 2009, 39 spec.; **15**: 13 Jul 2009, 6 spec., 22 Jul 2009, 11 spec.

Caryocolum cassellum (Walker, 1864). **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 107 spec.; **15**: 22 Jul 2009, 92 spec.

Sophronia semicostella (Hübner, 1813). **8**: 13 Jul 2009, 1 spec.

Neofaculta infernella (Herrich-Schäffer, 1854). **4**: 25 Jun 2008, 47 spec.; **6**: 25 Jun 2008, 7 spec.; **18**: 13 Jul 2009, 12 spec., 22 Jul 2009, 5 spec.

Dichomeris latipennella (Rebel, 1937). **4**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec. (gen. prep.), 22 Jul 2009, 8 spec.; **15**: 22 Jul 2009, 10 spec.; **18**: 22 Jul 2009, 2 spec.

Helcystogramma rufescens (Haworth, 1828). **4**: 25 Jun 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec., 13 Jul 2009, 1 spec.; **14**: 22 Jul 2009, 13 spec.; **15**: 8 Jun 2009, 1 spec., 13 Jul 2009, 3 spec., 22 Jul 2009, 1 spec.

Acompsia cinerella (Clérck, 1759). **4**: 25 Jun 2008, 4 spec.; **7**: 25 Jun 2008, 18 spec.; **8**: 28 Jul 2008, 2 spec.; **12**: 20 Jun 2000, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Zygaenidae

Adscita statices (Linnaeus, 1758). **4**: 1988–1989 (PAVLIČKO 1999).

Zygaena filipendulae (Linnaeus, 1758). **4**: 1988–1989 (PAVLIČKO 1999).

Sesiidae

Pennisetia hylaeiformis (Laspeyres, 1801). **4**: 1988–1989 (PAVLIČKO 1999).

Sesia apiformis (Clerck, 1759). **4**: 1988–1989 (PAVLIČKO 1999).

Sesia melanocephala Dalman, 1816. **4**: 1988–1989 (PAVLIČKO 1999).

Synanthedon scoliaeformis (Borkhausen, 1789). **4**: 1988–1989 (PAVLIČKO 1999).

Synanthedon culiciformis (Linnaeus, 1758). **4**: 1988–1989 (PAVLIČKO 1999).

Synanthedon soffneri Špatenka, 1983. **4**: 1987–1991 (Pavličko 1999); **15**: (date not recorded) A. Pavličko et K. Špatenka observ.; **24**: (date not recorded) A. Pavličko observ.

Tortricidae

- Eupoecilia sanguisorbana* (Herrich-Schäffer, 1856). **18**: 22 Jul 2009, 1 spec.; **8**: 13 Jul 2009, 1 spec.
- Aethes hartmanniana* (Clerck, 1759). **7**: 25 Jun 2008, 2 spec.
- Aethes cnicana* (Westwood, 1854). **4**: 25 Jun 2008, 3 spec.; **6**: 25 Jun 2008, 2 spec.; **7**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 3 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 2 spec.
- Acleris laterana* (Fabricius, 1794). **4**: 21 Aug 2008, 2 spec.
- Acleris variegana* (Dennis & Schiffermüller, 1775). **18**: 21 Sep 2009, 1 spec.
- Eana argentana* (Clerck, 1759). **4**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 10 spec.; **8**: 13 Jul 2009, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec.
- Eana incanana* (Stephens, 1852). **13**: 28 Jul 2008, 2 spec.; **15**: 22 Jul 2009, 10 spec. (1 spec. gen. prep.).
- Cnephasia stephensiana* (Doubleday, 1849). **4**: 28 Jul 2008, 8 spec.; **6**: 28 Jul 2008, 1 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 28 Jul 2008, 1 spec., 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 4 spec.; **14**: 22 Jul 2009, 24 spec.; **15**: 13 Jul 2009, 15 spec., 22 Jul 2009, 34 spec.; **18**: 22 Jul 2009, 36 spec.; **19**: 4 Jul 2009, 1 spec.
- Cnephasia asseclana* (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 319 spec.; **6**: 25 Jun 2008, 50 spec.; **7**: 25 Jun 2008, 74 spec.; **13**: 28 Jul 2008, 14 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 27 spec.; **15**: 13 Jul 2009, 7 spec. (2 spec. gen. prep.), 22 Jul 2009, 54 spec.; **17**: 14 Jul 2009, 1 spec.
- Eulia ministrana* (Linnaeus, 1758). **4**: 29 May 2008, 4 spec.; **19**: 8 Jun 2009, 5 spec.
- Epagoge grotiana* (Fabricius, 1781). **15**: 22 Jul 2009, 1 spec.
- Paramesia gnomana* (Clerck, 1759). **18**: 22 Jul 2009, 1 spec.
- Capua vulgana* (Frölich, 1828). **4**: 29 May 2008, 2 spec.; **13**: 29 May 2008, 1 spec.; **19**: 8 Jun 2009, 1 spec.
- Archips oporanus* (Linnaeus, 1758). **14**: 22 Jul 2009, 1 spec.; **15**: 22 Jul 2009, 1 spec.
- Archips podanus* (Scopoli, 1763). **4**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 1 spec.
- Ptycholoma lecheanum* (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.
- Pandemis corylana* (Fabricius, 1794). **4**: 25 Jun 2008, 6 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 28 Jul 2008, 1 spec.
- Pandemis cerasana* (Hübner, 1786). **4**: 25 Jun 2008, 17 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 13 Jul 2009, 2 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 4 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 10 spec., 22 Jul 2009, 5 spec.; **18**: 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 2 spec.; **19**: 4 Jul 2009, 1 spec.
- Pandemis cinnamomeana* (Treitschke, 1830). **14**: 22 Jul 2009, 20 spec.; **15**: 22 Jul 2009, 11 spec.; **18**: 22 Jul 2009, 5 spec.
- Pandemis heparana* (Dennis & Schiffermüller, 1775). **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 5 spec.
- Pandemis dumetana* (Treitschke, 1835). **8**: 28 Jul 2008, 5–10 spec.
- Syndemis musculana* (Hübner, 1799). **13**: 10 Jun 2008, 3 spec.
- Lozotaenia forsterana* (Fabricius, 1781). **13**: 25 Jun 2008, 2 spec.; **14**: 4 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 2 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 8 spec.
- Aphelia paleana* (Hübner, 1793). **8**: 13 Jul 2009, 1 spec.
- Aphelia unitana* (Hübner, 1799). **4**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec. (gen. prep.).
- Dichelia histrionana* (Frölich, 1828). **7**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 22 Jul 2009, 3 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 9 spec., 22 Jul 2009, 18 spec.; **18**: 22 Jul 2009, 6 spec.
- Clepsis rurinana* (Linnaeus, 1758). **4**: 28 Jul 2008, 2 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 3 spec., 22 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **18**: 13 Jul 2009, 4 spec., 22 Jul 2009, 6 spec.
- Adoxophyes orana* (Fischer von Röslerstamm, 1834). **14**: 22 Jul 2009, 2 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 44 spec.
- Olindia schumacherana* (Fabricius, 1787). **4**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec.
- Bactra lancealana* (Hübner, 1799). **6**: 25 Jun 2008, 7 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 3 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.
- Pseudosciaphila branderiana* (Linnaeus, 1758). **6**: 25 Jun 2008, 1 spec.
- Endothenia ericetana* (Humphreys & Wstw., 1845). **14**: 22 Jul 2009, 2 spec.
- Aterpia corticana* (Dennis & Schiffermüller, 1775). **14**: 22 Jul 2009, 1 spec.
- Apotomis infida* (Heinrich, 1926). **4**: 25 Jun 2008, 1 spec.
- Apotomis turbidana* Hübner, 1825. **4**: 21 Aug 2008, 1 spec.; **18**: 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 1 spec.
- Apotomis betuletana* (Haworth, 1811). **6**: 25 Jun 2008, 1 spec.

Apotomis capreana (Hübner, 1817). 7: 25 Jun 2008, 1 spec.; 13: 28 Jul 2008, 1 spec.; 17: 14 Jul 2009, 1 spec.

Apotomis sauciana (Frölich, 1828). 4: 28 Jul 2008, 1 spec.; 18: 13 Jul 2009, 1 spec., 22 Jul 2009, 4 spec.

Orthotaenia undulana (Dennis & Schiffermüller, 1775). 4: 25 Jun 2008, 55 spec.; 6: 25 Jun 2008, 1 spec.; 7: 25 Jun 2008, 15 spec.; 18: 7, 13 Jul 2009, 1 spec.

Hedya salicella (Linnaeus, 1758). 8: 28 Jul 2008, 1 spec., 13 Jul 2009, 1 spec.; 12: 20 Jun 2000, 1 spec.,
Hedya nubiferana (Haworth, 1811). 6: 25 Jun 2008, 1 spec.; 7: 25 Jun 2008, 27 spec.; 8: 28 Jul 2008, 1 spec.;
 13: 25 Jun 2008, 1 spec.; 14: 13 Jul 2009, 2 spec.; 15: 13 Jul 2009, 3 spec., 22 Jul 2009, 1 spec.; 18: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; 17: 14 Jul 2009, 5–10 spec.

Hedya dimidiana (Clerck, 1759). 4: 25 Jun 2008, 2 spec.

Celypha striana (Dennis & Schiffermüller, 1775). 4: 25 Jun 2008, 1 spec.

Celypha lacunana (Dennis & Schiffermüller, 1775). 4: 28 Jul 2008, 8 spec.; 6: 28 Jul 2008, 2 spec.; 8: 28 Jul 2008, 1 spec., 13 Jul 2009, 5–10 spec.; 13: 25 Jun 2008, 1 spec.; 14: 4 Jul 2009, 1 spec., 13 Jul 2009, 8 spec.; 15: 13 Jul 2009, 13 spec., 22 Jul 2009, 3 spec.; 18: 13 Jul 2009, 7 spec., 22 Jul 2009, 22 spec.; 17: 14 Jul 2009, 5–10 spec.; 19: 8 Jun 2009, 4 spec., 4 Jul 2009, 3 spec.

Celypha rivulana (Scopoli, 1763). 3: 21 Aug 2008, 1 spec.; 4: 28 Jul 2008, 1 spec.; 7: 25 Jun 2008, 1 spec.; 8: 28 Jul 2008, 2 spec., 13 Jul 2009, 1 spec.; 14: 8 Jun 2009, 1 spec.; 15: 13 Jul 2009, 1 spec.; 17: 14 Jul 2009, 1 spec.

Olethreutes umbrosanus (Freyer, 1842). 6: 10 Jun 2008, 1 spec.

Olethreutes dissolutanus (Stange, 1886). 18: 22 Jul 2009, 4 spec. (1 spec. gen. prep.).

Olethreutes micranus (Dennis & Schiffermüller, 1775). 6: 25 Jun 2008, 1 spec.

Olethreutes palustranus (Lienig & Zeller, 1846). 14: 13 Jul 2009, 2 spec. (1 spec. gen. prep.); 15: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; 18: 22 Jul 2009, 10 spec.

Olethreutes bipunctanus (Fabricius, 1794). 4: 25 Jun 2008, 93 spec.; 6: 25 Jun 2008, 19 spec.; 12: 20 Jun 2000, 1 spec.,; 18: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; 19: 4 Jul 2009, 1 spec.

Piniphila bifasciana (Haworth, 1811). 4: 25 Jun 2008, 32 spec.; 6: 25 Jun 2008, 2 spec.

Pseudohermias abietana (Fabricius, 1787). 4: 25 Jun 2008, 3 spec.; 6: 25 Jun 2008, 1 spec.; 7: 25 Jun 2008, 1 spec.; 13: 25 Jun 2008, 3 spec.; 14: 13 Jul 2009, 1 spec.; 15: 8 Jun 2009, 4 spec., 13 Jul 2009, 1 spec.; 19: 8 Jun 2009, 2 spec., 4 Jul 2009, 1 spec.

Thiodia citrana (Hübner, 1799). 13: 25 Jun 2008, 1 spec.

Rhopobota ustomaculana (Curtis, 1831). 4: 25 Jun 2008, 2 spec.; 18: 22 Jul 2009, 4 spec.

Rhopobota naevana (Hübner, 1817). 18: 22 Jul 2009, 9 spec.

Spilonota laricana (Heinemann, 1863). 4: 25 Jun 2008, 1 spec.; 6: 25 Jun 2008, 1 spec.; 7: 25 Jun 2008, 2 spec.; 14: 22 Jul 2009, 1 spec.; 15: 22 Jul 2009, 2 spec.

Epinotia subocellana (Donovan, 1806). 4: 25 Jun 2008, 2 spec.

Epinotia bilunana (Haworth, 1811). 4: 25 Jun 2008, 2 spec.; 18: 22 Jul 2009, 1 spec.

Epinotia demarniana (Fischer von Röslerstamm, 1840). 6: 25 Jun 2008, 1 spec.

Epinotia tetraquetra (Haworth, 1811). 4: 25 Jun 2008, 1 spec.; 19: 8 Jun 2009, 1 spec.

Epinotia pusillana (Peyerimhoff, 1863). 15: 13 Jul 2009, 1 spec. (gen. prep.).

Epinotia tedella (Clerck, 1759). 4: 25 Jun 2008, 2 spec.; 7: 25 Jun 2008, 7 spec.; 8: 13 Jul 2009, 2 spec.; 14: 8 Jun 2009, 5 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 7 spec.; 15: 8 Jun 2009, 2 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 3 spec., 22 Jul 2009, 8 spec.; 18: 13 Jul 2009, 1 spec.

Epinotia fraternana (Haworth, 1811). 13: 29 May 2008, 1 spec.

Epinotia nanana (Treitschke, 1835). 6: 25 Jun 2008, 1 spec.; 13: 25 Jun 2008, 3 spec.; 14: 13 Jul 2009, 1 spec., 22 Jul 2009, 4 spec.; 15: 13 Jul 2009, 3 spec., 22 Jul 2009, 5 spec.

Zeiraphera griseana (Hübner, 1799). 14: 22 Jul 2009, 1 spec.; 15: 22 Jul 2009, 1 spec.

Eucosma hohenwartiana (Dennis & Schiffermüller, 1775). 4: 29 May 2008, 3 spec.; 15: 8 Jun 2009, 1 spec.; 19: 8 Jun 2009, 2 spec.

Eucosma cana (Haworth, 1811). 4: 28 Jul 2008, 1 spec.; 6: 25 Jun 2008, 11 spec.; 7: 25 Jun 2008, 10 spec.; 8: 28 Jul 2008, 1 spec., 13 Jul 2009, 5–10 spec.; 13: 28 Jul 2008, 1 spec.; 14: 13 Jul 2009, 5 spec., 22 Jul 2009, 2 spec.; 15: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; 17: 14 Jul 2009, 2 spec.; 19: 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec.

Eucosma campoliliana (Dennis & Schiffermüller, 1775). 4: 25 Jun 2008, 2 spec.; 7: 25 Jun 2008, 3 spec.; 8: 13 Jul 2009, 5–10 spec.; 12: 20 Jun 2000, 1 spec.,; 13: 28 Jul 2008, 2 spec.; 14: 8 Jun 2009, 2 spec., 4 Jul 2009, 6 spec., 13 Jul 2009, 52 spec., 22 Jul 2009, 35 spec.; 15: 8 Jun 2009, 1 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 44 spec., 22 Jul 2009, 39 spec.; 18: 22 Jul 2009, 2 spec.; 17: 14 Jul 2009, 5–10 spec.; 19: 8 Jun 2009, 1 spec.

Gypsonoma dealbana (Frölich, 1828). 4: 25 Jun 2008, 2 spec.; 6: 25 Jun 2008, 2 spec.; 7: 25 Jun 2008, 3 spec.

Epilema foenellum (Linnaeus, 1758). 4: 25 Jun 2008, 1 spec.

Epiblema hepaticanum (Treitschke, 1835). **4:** 25 Jun 2008, 14 spec.; **6:** 25 Jun 2008, 6 spec.; **7:** 25 Jun 2008, 20 spec.; **13:** 25 Jun 2008, 21 spec.; **14:** 13 Jul 2009, 15 spec., 22 Jul 2009, 19 spec.; **15:** 8 Jun 2009, 9 spec., 13 Jul 2009, 45 spec., 22 Jul 2009, 22 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 9 spec.

Notocelia cynosbatella (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.

Rhyacionia pinivorana (Lienig & Zeller, 1846). **4:** 25 Jun 2008, 35 spec.; **6:** 25 Jun 2008, 10 spec.; **7:** 25 Jun 2008, 1 spec.

Rhyacionia pinicolana (Doubleday, 1849). **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.

Ancylis laetana (Fabricius, 1775). **6:** 25 Jun 2008, 2 spec.

Ancylis unculana (Haworth, 1811). **4:** 25 Jun 2008, 2 spec.; **14:** 22 Jul 2009, 1 spec.

Ancylis uncella (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 1 spec.

Ancylis mitterbacheriana (Dennis & Schiffermüller, 1775). **13:** 25 Jun 2008, 7 spec.; **14:** 13 Jul 2009, 2 spec.; **15:** 22 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 2 spec.

Ancylis geminana (Donovan, 1806). **4:** 29 May 2008, 2 spec.

Ancylis diminutana (Haworth, 1811). **4:** 25 Jun 2008, 4 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 3 spec.; **15:** 13 Jul 2009, 1 spec.

Ancylis badiana (Dennis & Schiffermüller, 1775). **3:** 21 Aug 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 28 Jul 2008, 11–30 spec.; **14:** 8 Jun 2009, 1 spec., 22 Jul 2009, 3 spec.; **15:** 22 Jul 2009, 1 spec.

Ancylis myrtillana (Treitschke, 1830). **4:** 25 Jun 2008, 11 spec.; **6:** 25 Jun 2008, 3 spec.

Cydia pactolana (Zeller, 1840). **4:** 25 Jun 2008, 1 spec.

Cydia fagiglandana (Zeller, 1841). **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 3 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 13 Jul 2009, 1 spec.

Cydia inquinatana (Hübner, 1799). **6:** 25 Jun 2008, 2 spec.

Cydia strobilella (Linnaeus, 1758). **13:** 29 May 2008, 2 spec.

Cydia coniferana (Saxesen, 1840). **4:** 25 Jun 2008, 1 spec.

Lathronympha strigana (Fabricius, 1775). **4:** 25 Jun 2008, 12 spec.; **6:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 37 spec.; **8:** 21 Aug 2008, 5 spec., 13 Jul 2009, 11–30 spec.; **12:** 20 Jun 2000, 1 spec.; **14:** 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **15:** 13 Jul 2009, 7 spec.; **17:** 14 Jul 2009, 5–10 spec.

Pammene regiana (Zeller, 1849). **15:** 22 Jul 2009, 1 spec.

Strophedra weirana (Douglas, 1850). **14:** 22 Jul 2009, 1 spec. (gen. prep.).

Schreckensteiniidae

Schreckensteinia festaliella (Hübner, 1819). **19:** 8 Jun 2009, 1 spec.

Epermeniidae

Epermenia illigerella (Hübner, 1813). **4:** 25 Jun 2008, 9 spec.; **7:** 25 Jun 2008, 6 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 1 spec.

Epermenia falciformis (Haworth, 1828). **4:** 25 Jun 2008, 2 spec.; **6:** 25 Jun 2008, 4 spec.

Pterophoridae

Platyptilia nemoralis (Zeller, 1841). **13:** 28 Jul 2008, 1 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 13 Jul 2009, 3 spec., 22 Jul 2009, 10 spec.; **18:** 22 Jul 2009, 1 spec.

Platyptilia calodactyla (Dennis & Schiffermüller, 1775). **4:** 21 Aug 2008, 1 spec.; **6:** 21 Aug 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.

Gillmeria pallidactyla (Haworth, 1811). **7:** 25 Jun 2008, 1 spec.

Stenoptilia pterodactyla (Linnaeus, 1761). **7:** 25 Jun 2008, 2 spec.; **8:** 28 Jul 2008, 2 spec., 13 Jul 2009, 5–10 spec.; **15:** 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 11–30 spec.

Hellinsia osteodactyla (Zeller, 1841). **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 2 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 11 spec., 22 Jul 2009, 4 spec.; **18:** 13 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 3 spec.; **17:** 14 Jul 2009, 2 spec.

Euleioptilus didactylites (Ström, 1783). **8:** 13 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 5 spec.

Pyrallidae

Aphomia sociella (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **18:** 13 Jul 2009, 1 spec.

Ortholepis betulae (Goeze, 1778). **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **18:** 22 Jul 2009, 1 spec.

Pyla fusca (Haworth, 1811). **14:** 22 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **8:** 13 Jul 2009, 1 spec.

Sciota rhenella (Zincken, 1818). **4:** 25 Jun 2008, 1 spec.

Dioryctria abietella (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 1 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 6 spec.; **8:** 28 Jul 2008, 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 22 Jul 2009, 3 spec.; **15:** 13 Jul 2009, 2 spec., 22 Jul 2009, 10 spec., 21 Sep 2009, 1 spec.; **18:** 22 Jul 2009, 2 spec.

Dioryctria schuetzeella Fuchs, 1899. **7:** 25 Jun 2008, 2 spec.

Dioryctria sylvestrella (Ratzeburg, 1840). **17**: 14 Jul 2009, 1 spec.

Assara terebrella (Zincken, 1818). **4**: 25 Jun 2008, 2 spec.; **14**: 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 5 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Scoparia basistrigalis Knaggs, 1866. **13**: 28 Jul 2008, 1 spec.; **15**: 22 Jul 2009, 1 spec.

Scoparia ambigualis (Treitschke, 1829). **4**: 25 Jun 2008, 49 spec.; **7**: 25 Jun 2008, 30 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 3 spec.; **14**: 4 Jul 2009, 7 spec., 13 Jul 2009, 7 spec., 22 Jul 2009, 42 spec.; **15**: 4 Jul 2009, 2 spec., 13 Jul 2009, 17 spec., 22 Jul 2009, 21 spec.; **18**: 13 Jul 2009, 7 spec., 22 Jul 2009, 43 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Scoparia ancipitella (La Harpe, 1855). **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 14 spec.; **15**: 22 Jul 2009, 4 spec.

Scoparia pyralella (Dennis & Schiffermüller, 1775). **8**: 10 Jun 2008, 1 spec., 13 Jul 2009, 1 spec.

Dipleurina lacustrata (Panzer, 1804). **8**: 28 Jul 2008, 1 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 12 spec., 21 Sep 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Eudonia murana (Curtis, 1827). **7**: 25 Jun 2008, 2 spec.; **13**: 21 Aug 2008, 2 spec.; **14**: 4 Jul 2009, 6 spec., 13 Jul 2009, 15 spec., 22 Jul 2009, 27 spec. (1 spec. gen. prep.); **15**: 8 Jun 2009, 1 spec., 4 Jul 2009, 7 spec., 13 Jul 2009, 14 spec., 22 Jul 2009, 6 spec.; **18**: 22 Jul 2009, 6 spec.; **19**: 4 Jul 2009, 4 spec.

Eudonia truncicolella (Stainton, 1849). **4**: 21 Aug 2008, 2 spec.; **6**: 21 Aug 2008, 1 spec.; **13**: 21 Aug 2008, 6 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 42 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 91 spec.; **18**: 22 Jul 2009, 10 spec.

Chrysoteuchia culmella (Linnaeus, 1758). **4**: 25 Jun 2008, 84 spec.; **6**: 25 Jun 2008, 16 spec.; **7**: 25 Jun 2008, 105 spec.; **8**: 13 Jul 2009, 5–10 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 3 spec.; **15**: 13 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 11–30 spec.

Crambus ericellus (Hübner, 1813). **4**: 25 Jun 2008, 3 spec.

Crambus lathoniuellus (Zincken, 1817). **4**: 25 Jun 2008, 80 spec.; **6**: 25 Jun 2008, 12 spec.; **7**: 25 Jun 2008, 71 spec.; **8**: 25 Jun 2008, 5–10 spec., 13 Jul 2009, 5–10 spec.; **13**: 25 Jun 2008, 3 spec.; **14**: 8 Jun 2009, 4 spec., 13 Jul 2009, 3 spec.; **15**: 13 Jul 2009, 3 spec., 22 Jul 2009, 2 spec.; **18**: 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 5–10 spec.; **19**: 8 Jun 2009, 4 spec. 4 Jul 2009, 1 spec.

Crambus perlellus (Scopoli, 1763). **7**: 25 Jun 2008, 5 spec.; **8**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.

Agriphila straminella (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 5–10 spec., 13 Jul 2009, 1 spec.; **14**: 13 Jul 2009, 1 spec.

Catoptria permutatella (Herrich-Schäffer, 1848). **4**: 25 Jun 2008, 4 spec.; **13**: 28 Jul 2008, 2 spec.; **14**: 22 Jul 2009, 6 spec. (1 spec. gen. prep.); **15**: 13 Jul 2009, 3 spec. (all individuals gen. prep.), 22 Jul 2009, 18 spec. (3 spec. gen. prep.).

Catoptria osthelderi (Lattin, 1950). **18**: 13 Jul 2009, 1 spec. (gen. prep.), 22 Jul 2009, 1 spec. (gen. prep.).

Catoptria falsella (Dennis & Schiffermüller, 1775). **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 3 spec., 22 Jul 2009, 17 spec.

Catoptria margaritella (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 2 spec.; **12**: 20 Jun 2000, 1 spec.,

Evergestis pallidata (Hufnagel, 1767). **4**: 28 Jul 2008, 1 spec.; **13**: 28 Jul 2008, 3 spec.; **15**: 22 Jul 2009, 3 spec.; **18**: 22 Jul 2009, 1 spec.

Udea lutealis (Hübner, 1809). **4**: 21 Aug 2008, 1 spec.; **6**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 5–10 spec. 13 Jul 2009, 11–30 spec.; **13**: 28 Jul 2008, 7 spec.; **14**: 22 Jul 2009, 3 spec.; **15**: 22 Jul 2009, 10 spec.; **17**: 14 Jul 2009, 5–10 spec.

Udea prunalis (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 1 spec.; **13**: 28 Jul 2008, 2 spec.; **15**: 22 Jul 2009, 5 spec.

Udea olivalis (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 2 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 3 spec.; **14**: 4 Jul 2009, 3 spec., 13 Jul 2009, 29 spec., 22 Jul 2009, 53 spec.; **15**: 4 Jul 2009, 9 spec., 13 Jul 2009, 93 spec., 22 Jul 2009, 102 spec.; **18**: 22 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 2 spec.

Opsibotys fuscalis (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 15 spec.; **6**: 25 Jun 2008, 7 spec.; **7**: 25 Jun 2008, 4 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.

Pyrausta despicata (Scopoli, 1763). **14**: 13 Jul 2009, 1 spec.

Perinephela lancealis (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 3 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.

Phlyctaenia coronata (Hufnagel, 1767). **4**: 25 Jun 2008, 3 spec.; **6**: 10 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 6 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 4 spec.; **18**: 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.

Phlyctaenia perlucidalis (Hübner, 1809). **4**: 25 Jun 2008, 2 spec.; **15**: 22 Jul 2009, 1 spec.

Psammotis pulveralis (Hübner, 1796). **4**: 25 Jun 2008, 1 spec.

Ostrinia nubilalis (Hübner, 1796). **13**: 25 Jun 2008, 1 spec.

Algedonia terrealis (Treitschke, 1829). **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.

Eurrhynx hortulata (Linnaeus, 1758). **4**: 25 Jun 2008, 5 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 8 spec.; **13**: 25 Jun 2008, 6 spec.; **14**: 8 Jun 2009, 2 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec.

Pleuroptya ruralis (Scopoli, 1763). **4**: 21 Aug 2008, 2 spec.; **13**: 28 Jul 2008, 6 spec.; **14**: 13 Jul 2009, 3 spec., 22 Jul 2009, 4 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 3 spec., 21 Sep 2009, 1 spec.

Diasemia reticularis (Linnaeus, 1761). **7**: 25 Jun 2008, 1 spec.

Lasiocampidae

Trichiura crataegi (Linnaeus, 1758). **4**: 21 Aug 2008, 1 spec.

Macrothylacia rubi (Linnaeus, 1758). **1**: 29 May 2008, 2 spec.; **4**: 29 May 2008, 5–10 spec.; **12**: 29 May 2008, 1 spec.

Dendrolimus pini (Linnaeus, 1758). **4**: 25 Jun 2008, 2 spec.; **6**: 25 Jun 2008, 4 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 9 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **18**: 22 Jul 2009, 4 spec.; **19**: 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Cosmotriche lobulina (Dennis & Schiffermüller, 1775). **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 2 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **15**: 4 Jul 2009, 2 spec., 13 Jul 2009, 4 spec., 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Saturniidae

Aglia tau (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Saturnia pavonia (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Sphingidae

Agrius convolvuli (Linnaeus, 1758). **4**: 20 Oct 1992 (PAVLÍČKO 1999).

Sphinx ligustri Linnaeus, 1758. **8**: 13 Jul 2009, 1 spec.

Sphinx pinastri Linnaeus, 1758. **4**: 25 Jun 2008, 3 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 5 spec.; **12**: 20 Jun 2000, 1 spec., J. Šumpich observ., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 25 Jun 2008, 5 spec.; **14**: 8 Jun 2009, 2 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **15**: 8 Jun 2009, 1 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Smerinthus ocellatus (Linnaeus, 1758). **4**: 10 Jun 2008, 1 spec.; **6**: 10 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Laothoe populi (Linnaeus, 1758). **1**: 29 May 2008, 1 spec.; **4**: 25 Jun 2008, 3 spec.; **6**: 10 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec., 22 Jul 2009, 1 spec.

Deilephila elpenor (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **15**: 8 Jun 2009, 2 spec.

Deilephila porcellus (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **8**: 10 Jun 2008, 2 spec.

Hesperiidae

Erynnis tages (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Pyrgus malvae (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Hesperia comma (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Thymelicus sylvestris (Poda, 1761). **2**: 28 Jul 2008, 5–10 spec.; **4**: 28 Jul 2008, 5–10 spec.; **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Thymelicus lineola (Ochsenheimer, 1808). **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.

Ochlodes venatus (Bremer & Grey, 1853). **4**: 1988–1989 (PAVLÍČKO 1999); **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **17**: PAVLÍČKO (1997).

Papilionidae

Papilio machaon Linnaeus, 1758. **4**: 1988–1989; **5**: 1988–1989 (all records in PAVLÍČKO 1999).

Pieridae

Leptidea sinapis group. **4**: 1988–1989 (PAVLÍČKO 1999).

Pieris brassicae (Linnaeus, 1758). **2**: 28 Jul 2008, 5–10 spec.; **4**: 28 Jul 2008, 1 spec.; **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Pieris rapae (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Pieris napi (Linnaeus, 1758). **1**: 21 Apr 2009, 1 spec., A. Pavlíčko observ.; **2**: 28 Jul 2008, 5–10 spec.; **4**: 28 Jul 2008, 5–10 spec.; **8**: 28 Jul 2008, 2 spec.; **20**: 12 Jun 2009, 1 spec., A. Pavlíčko observ.; **12**: 2 Jul 2008, 1 spec., 27 Aug 2008, 1 spec., all data A. Pavlíčko observ.; **17**: 8 Jun 2009, 1 spec., A. Pavlíčko observ.; **25**: 2005 (ČERNÝ 2005), **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Anthocharis cardamines (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **25**: 2005 (ČERNÝ 2005).

Colias palaeno (Linnaeus, 1761). **4**: 1988–1989 (PAVLÍČKO 1999); **20**: PAVLÍČKO (1997, 2000); **12**: PAVLÍČKO (1997, 2000), 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **17**: PAVLÍČKO (1997, 2000); **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Colias hyale (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Gonepteryx rhamni (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999), **1**: 21 Apr 2009, 1 spec., A. Pavlíčko observ.; **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.; **25**: 2005 (ČERNÝ 2005); **24**: 17 Apr 2008, 1 spec., A. Pavlíčko observ.

Lycaenidae

Lycaena phlaeas (Linnaeus, 1761). **4**: 1988–1989 (PAVLÍČKO 1999).

Lycaena virgaureae (Linnaeus, 1758). **4**: 28 Jul 2008, 2 spec.

Lycaena alciphron (Rottemburg, 1775). **4**: 1988–1989 (PAVLÍČKO 1999).

Lycaena hippothoe (Linnaeus, 1761). **4**: 1988–1989 (PAVLÍČKO 1999); **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Callophrys rubi (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Maculinea nausithous (Bergsträsser, 1779). **4**: 28 Jul 2008, 1 spec.; **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.

Maculinea telejus (Bergsträsser, 1779). **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.

Vacciniina optilete (Knoch, 1781). **4**: 1988–1989 (PAVLÍČKO 1999); **12**: PAVLÍČKO (1997, 2000); **17**: PAVLÍČKO (1997, 2000).

Polyommatus amandus (Schneider, 1792). **4**: 28 Jul 2008, 1 spec.; **20**: PAVLÍČKO (1997, 2000); **12**: PAVLÍČKO (1997, 2000), 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **17**: PAVLÍČKO (1997, 2000); **21**: PAVLÍČKO (1997, 2000); **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Polyommatus icarus (Rottemburg, 1775). **2**: 28 Jul 2008, 1 spec.; **5**: 28 Jul 2008, 1 spec.

Nymphalidae

Apatura iris (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Limnitis populi (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Nymphalis polychloros (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Nymphalis antiopa (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Inachis io (Linnaeus, 1758). **1**: 21 Apr 2009, 1 spec., A. Pavlíčko observ.; **4**: 1988–1989 (PAVLÍČKO 1999), **2**: 28 Jul 2008, 5–10 spec.; **4**: 28 Jul 2008, 5–10 spec.; **8**: 28 Jul 2008, 3 spec.; **25**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.; **27**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.; **12**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.; **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.; **24**: 17 Apr 2008, 1 spec., A. Pavlíčko observ.

Aglais urticae (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.; **25**: 2005 (ČERNÝ 2005); **24**: 17 Apr 2008, 1 spec., A. Pavlíčko observ.

Vanessa atalanta (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **16**: 14 Jul 2009, 1 spec.; **17**: 8 Jun 2009, 1 spec., A. Pavlíčko observ.; **12**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.; **27**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.; **25**: 27 Aug 2008, 1 spec., A. Pavlíčko observ.

Vanessa cardui (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **20**: 12 Jun 2009, 1 spec., A. Pavlíčko observ.; **26**: 2 Aug 2009, 1 spec., A. Pavlíčko observ.; **17**: 8 Jun 2009, 1 spec., A. Pavlíčko observ.

Polygonia c-album (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Araschnia levana (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999), **2**: 28 Jul 2008, 2 spec.

Argynnis paphia (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.; **5**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 2 spec.

Argynnis aglaja (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.; **5**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec.; **20**: 12 Jun 2009, 1 spec., A. Pavlíčko observ.; **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Issoria lathonia (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Brenthis ino (Rottemburg, 1775). **1**: PAVLÍČKO (1996a); **2**: 28 Jul 2008, 1 spec.; **4**: 28 Jul 2008, 1 spec., J. Šumpich leg.; **8**: PAVLÍČKO (1996a); **9**: PAVLÍČKO (1996a); **10**: PAVLÍČKO (1996a); **12**: PAVLÍČKO (1999, 2000); **16**: PAVLÍČKO (1996a); **17**: PAVLÍČKO (1996a, 1999, 2000); **20**: PAVLÍČKO (1996a, 1997, 2000); **21**: PAVLÍČKO (1997, 2000). Hygrophilous species, closely associated with the meadowsweet (*Filipendula ulmaria*), to a lesser extent to the great burnet (*Sanguisorba officinalis*). In the Blanice NNM, it is a common species.

Boloria selene (Dennis & Schiffermüller, 1775). **1**: PAVLÍČKO (1996a); **8**: PAVLÍČKO (1996a); **9**: PAVLÍČKO (1996a); **10**: PAVLÍČKO (1996a); **12**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.; **16**: PAVLÍČKO (1996a); **17**: PAVLÍČKO (1996a); **20**: PAVLÍČKO (1996a), 12 Jun 2009, 1 spec., A. Pavlíčko observ.; **28**: 2 Jul 2008, 1 spec., A. Pavlíčko observ.

Boloria euphrosyne (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).

Boloria aquilonaris (Stichel, 1908). **1**: PAVLÍČKO (1996a); **4**: 1988–1989 (PAVLÍČKO 1999); **8**: PAVLÍČKO (1996a);

9: PAVLIČKO (1996a); **12:** PAVLIČKO (1997, 2000); **17:** PAVLIČKO (1996a, 1997, 2000); **20:** PAVLIČKO (1996a, 1997, 2000), 12 Jun 2009, 1 spec., A. Pavličko observ.
Procllossiana eunomia (Esper, 1799). **1:** PAVLIČKO (1996a); **4:** 1988–1989 (PAVLIČKO 1996a, 1999); **8:** PAVLIČKO (1996a); **9:** PAVLIČKO (1996a); **10:** PAVLIČKO (1996a); **12:** PAVLIČKO (1996a, 1997, 2000), 2 Jul 2008, 1 spec., A. Pavličko observ.; **16:** PAVLIČKO (1996a); **17:** PAVLIČKO (1996a, 1997, 2000); **20:** PAVLIČKO (1996a, 1997, 2000), 12 Jun 2009, 1 spec., A. Pavličko observ.; **21:** PAVLIČKO (1996a, 1997, 2000); **22:** PAVLIČKO (1996a); **23:** PAVLIČKO (1996a); **28:** 2 Jul 2008, 1 spec., A. Pavličko observ.
Melitaea diamina (Lang, 1789). **4:** 1988–1989 (PAVLIČKO 1999); **20:** PAVLIČKO (1997, 2000), 12 Jun 2009, 1 spec., A. Pavličko observ.; **12:** PAVLIČKO (1997, 2000), 2 Jul 2008, 1 spec., A. Pavličko observ.; **17:** PAVLIČKO (1997, 2000); **21:** PAVLIČKO (1997, 2000); **28:** 2 Jul 2008, 1 spec., A. Pavličko observ.
Melitaea athalia (Rottemburg, 1775). **4:** 28 Jul 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec., J. Šumpich observ., 2 Jul 2008, 1 spec., A. Pavličko observ.; **20:** PAVLIČKO (1997, 2000), 12 Jun 2009, A. Pavličko observ.; **17:** PAVLIČKO (1997, 2000); **21:** PAVLIČKO (1997, 2000); **28:** 2 Jul 2008, 1 spec., A. Pavličko observ.

Satyridae

Melanargia galathea (Linnaeus, 1758). **4:** 1988–1989 (PAVLIČKO 1999); **26:** 2 Aug 2009, 1 spec., A. Pavličko observ.
Erebia ligea (Linnaeus, 1758). **4:** 28 Jul 2008, 1 spec. Mountain species, requiring forest edges, forest roads and woodland clearings. Typical of the whole study area.
Erebia euryale (Esper, 1805). **4:** 28 Jul 2008, 11–30 spec.; **8:** 28 Jul 2008, 1 spec.; **20:** PAVLIČKO (1997, 2000); **12:** PAVLIČKO (1997, 2000), 2 Jul 2008, 1 spec., A. Pavličko observ.; **17:** PAVLIČKO (1997, 2000); **21:** PAVLIČKO (1997, 2000).
Erebia medusa (Dennis & Schiffermüller, 1775). **4:** 1988–1989 (PAVLIČKO 1999); **20:** 12 Jun 2009, 1 spec., A. Pavličko observ.; **17:** 8 Jun 2009, 1 spec., A. Pavličko observ.; **12:** 2 Jul 2008, 1 spec., A. Pavličko observ.
Maniola jurtina (Linnaeus, 1758). **4:** 1988–1989 (PAVLIČKO 1999); **2:** 28 Jul 2008, 5–10 spec.; **8:** 25 Jun 2008, 5–10 spec.; **17:** 14 Jul 2009, 1 spec. **16:** 14 Jul 2009, 1 spec.; **26:** 2 Aug 2009, 1 spec., A. Pavličko observ.
Aphantopus hyperantus (Linnaeus, 1758). **2:** 28 Jul 2008, 5–10 spec.; **4:** 28 Jul 2008, 5–10 spec.; **8:** 28 Jul 2008, 1 spec.; **12:** 2 Jul 2008, 1 spec., A. Pavličko observ.; **17:** 14 Jul 2009, 5–10 spec.; **28:** 2 Jul 2008, 1 spec., A. Pavličko observ.
Coenonympha glycerion (Borkhausen, 1788). **4:** 1988–1989 (PAVLIČKO 1999); **2:** 28 Jul 2008, 1 spec.; **12:** 2 Jul 2008, 1 spec., A. Pavličko observ.; **28:** 2 Jul 2008, 1 spec., A. Pavličko observ.
Pararge aegeria (Linnaeus, 1758). **4:** 1988–1989 (PAVLIČKO 1999).
Lasiommata megera (Linnaeus, 1767). **4:** 1988–1989 (PAVLIČKO 1999).
Lasiommata maera (Linnaeus, 1758). **4:** 1988–1989 (PAVLIČKO 1999); **12:** 2 Jul 2008, 1 spec., A. Pavličko observ.; **25:** 2005 (ČERNÝ 2005).

Drepanidae

Falcaria lacertinaria (Linnaeus, 1758). **4:** 28 Jul 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.
Drepana falcataria (Linnaeus, 1758). **4:** 25 Jun 2008, 6 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec., J. Šumpich observ., 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.; **13:** 29 May 2008, 1 spec.; **19:** 8 Jun 2009, 1 spec.
Watsonalla cultraria (Fabricius, 1775). **13:** 28 Jul 2008, 8 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).
Thyatira batis (Linnaeus, 1758). **8:** 13 Jul 2009, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **14:** 8 Jun 2009, 2 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.
Habrosyne pyritoides (Hufnagel, 1766). **4:** 25 Jun 2008, 4 spec.; **6:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 10 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **17:** 14 Jul 2009, 2 spec.; **13:** 25 Jun 2008, 1 spec.
Tethea or (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 5 spec.; **6:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **15:** 13 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.
Tetheella fluctuosa (Hübner, 1803). **4:** 25 Jun 2008, 3 spec.
Ochropacha duplaris (Linnaeus, 1761). **4:** 25 Jun 2008, 58 spec.; **6:** 25 Jun 2008, 4 spec.; **7:** 25 Jun 2008, 9 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 5 spec.; **14:** 8 Jun 2009, 1 spec., 13 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 3 spec.; **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).

Geometridae

Abraxas sylvatus (Scopoli, 1763). **4:** 25 Jun 2008, 3 spec.; **13:** 25 Jun 2008, 1 spec.; **15:** 13 Jul 2009, 1

spec.

Lomaspilis marginata (Linnaeus, 1758). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4:** 25 Jun 2008, 8 spec.; **6:** 25 Jun 2008, 5 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 10 Jun 2008, 1 spec., 13 Jul 2009, 1 spec.; **13:** 10 Jun 2008, 1 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 2 spec.

Chiasmia notata (Linnaeus, 1758). **4:** 25 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 3 spec.; **18:** 22 Jul 2009, 1 spec.

Chiasmia alternata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 11 spec.; **8:** 28 Jul 2008, 5–10 spec.; **12:** 20 Jun 2000, 1 spec.,

Chiasmia signaria (Hübner, 1809). **6:** 25 Jun 2008, 1 spec.; **14:** 4 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 2 spec.

Chiasmia liturata (Clerck, 1759). **4:** 25 Jun 2008, 3 spec.; **6:** 25 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 4 spec.; **14:** 8 Jun 2009, 2 spec.; **15:** 8 Jun 2009, 1 spec., 13 Jul 2009, 9 spec., 22 Jul 2009, 3 spec.; **18:** 22 Jul 2009, 4 spec.; **19:** 4 Jul 2009, 2 spec.

Chiasmia clathrata (Linnaeus, 1758). **3:** 21 Aug 2008, 1 spec.; **4:** 25 Jun 2008, 10 spec.; **6:** 10 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 26 spec.; **8:** 10 Jun 2008, 2 spec., 13 Jul 2009, 1 spec.; **12:** 29 May 2008 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec., 13 Jul 2009, 3 spec.; **15:** 8 Jun 2009, 3 spec., 13 Jul 2009, 2 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 3 spec., 4 Jul 2009, 1 spec.

Chiasmia brunneata (Thunberg, 1784). **4:** 25 Jun 2008, 8 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **18:** 13 Jul 2009, 1 spec.

Plagodis pulveraria (Linnaeus, 1758). **4:** 10 Jun 2008, 1 spec.; **14:** 8 Jun 2009, 6 spec.; **19:** 8 Jun 2009, 2 spec.

Plagodis dolabraria (Linnaeus, 1767). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg., 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **13:** 29 May 2008, 7 spec.; **14:** 8 Jun 2009, 1 spec.

Opisthographis luteolata (Linnaeus, 1758). **4:** 1988–1989 (Pavlíčko 1999); **7:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **19:** 8 Jun 2009, 1 spec.

Epione repandaria (Hufnagel, 1767). **4:** 28 Jul 2008, 3 spec.

Epione vespertaria (Linnaeus, 1767). **4:** 28 Jul 2008, 2 spec.

Cepphis advenaria (Hübner, 1790). **4:** 10 Jun 2008, 2 spec.; **6:** 10 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec.

Apeira syringaria (Linnaeus, 1758). **18:** 13 Jul 2009, 1 spec.

Ennomos autumnarius (Werneburg, 1859). **14:** 21 Sep 2009, 2 spec.; **15:** 21 Sep 2009, 4 spec.

Ennomos abniarius (Linnaeus, 1758). **3:** 21 Aug 2008, 1 spec.

Ennomos erosarius (Dennis & Schiffermüller, 1775). **25:** 2005 (ČERNÝ 2005).

Selenia dentaria (Fabricius, 1775). **13:** 29 May 2008, 3 spec.

Selenia lunularia (Hübner, 1788). **4:** 10 Jun 2008, 2 spec.; **14:** 8 Jun 2009, 1 spec.; **15:** 8 Jun 2009, 2 spec.; **19:** 8 Jun 2009, 2 spec.

Selenia tetralunaria (Hufnagel, 1767). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg., 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4:** 21 Aug 2008, 1 spec.; **6:** 28 Jul 2008, 1 spec.; **13:** 29 May 2008, 3 spec.; **19:** 8 Jun 2009, 2 spec.

Odontopera bidentata (Clerck, 1759). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4:** 29 May 2008, 1 spec.; **13:** 10 Jun 2008, 6 spec.; **14:** 8 Jun 2009, 10 spec.; **15:** 8 Jun 2009, 5 spec.; **19:** 8 Jun 2009, 1 spec.

Crocallis elinguaris (Linnaeus, 1758). **6:** 28 Jul 2008, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).

Colotois pennaria (Linnaeus, 1761). **15:** 21 Sep 2009, 1 spec.

Angerona prunaria (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **15:** 13 Jul 2009, 1 spec.

Lycia hirtaria (Clerck, 1759). **1:** 27 Apr 2007, 1 spec., A. Pavlíčko leg.

Biston betularius (Linnaeus, 1758). **4:** 25 Jun 2008, 4 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 8 Jun 2009, 1 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 13 spec., 22 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 4 spec., 22 Jul 2009, 1 spec.

Peribatodes secundarius (Dennis & Schiffermüller, 1775). **8:** 28 Jul 2008, 1 spec.; **13:** 28 Jul 2008, 8 spec.; **14:** 22 Jul 2009, 5 spec.; **15:** 13 Jul 2009, 3 spec., 22 Jul 2009, 10 spec.; **18:** 22 Jul 2009, 19 spec.; **17:** 14 Jul 2009, 3 spec.; **25:** 2005 (ČERNÝ 2005).

Cleora cinctaria (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg., 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4:** 29 May 2008, 1 spec.

Deileptenia ribeata (Clerck, 1759). **4:** 1988–1989 (Pavlíčko 1999); **14:** 22 Jul 2009, 6 spec.; **15:** 13 Jul 2009, 7 spec., 22 Jul 2009, 31 spec.; **18:** 13 Jul 2009, 3 spec., 22 Jul 2009, 35 spec.; **17:** 14 Jul 2009, 1 spec.

Alcis repandata (Linnaeus, 1758). **4:** 28 Jul 2008, 2 spec.; **6:** 25 Jun 2008, 5 spec.; **7:** 25 Jun 2008, 15 spec.; **8:** 13 Jul 2009, 5–10 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 28 Jul 2008, 52 spec.; **14:** 4 Jul 2009, 8 spec., 13 Jul 2009, 111 spec., 22 Jul 2009, 222 spec.; **15:** 4 Jul 2009, 31 spec., 13 Jul 2009, 228 spec., 22 Jul 2009, 266 spec.; **18:** 13 Jul 2009, 42 spec., 22 Jul 2009, 94 spec.; **17:** 14 Jul 2009, 5–10 spec.; **19:** 4 Jul 2009, 6 spec.;

25: 2005 (ČERNÝ 2005).

Alcis bastelbergeri (Hirschke, 1908). **4:** 21 Aug 2008, 2 spec.; **6:** 28 Jul 2008, 11 spec.; **8:** 28 Jul 2008, 1 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13:** 21 Aug 2008, 4 spec.; **14:** 22 Jul 2009, 2 spec.; **15:** 22 Jul 2009, 31 spec.; **25:** 2005 (ČERNÝ 2005).

Hypomecis roboraria (Dennis & Schiffermüller, 1775). **7:** 25 Jun 2008, 1 spec.

Hypomecis punctinalis (Scopoli, 1763). **4:** 25 Jun 2008, 9 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Fagivorina arenaria (Hufnagel, 1767). **13:** 25 Jun 2008, 3 spec.; **15:** 8 Jun 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Ectropis crepuscularia (Dennis & Schiffermüller, 1775). **4:** 29 May 2008, 1 spec.; **13:** 28 Jul 2008, 1 spec.

Paradarisa consonaria (Hübner, 1799). **1:** 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **13:** 29 May 2008, 1 spec.

Aethalura punctulata (Dennis & Schiffermüller, 1775). **1:** 27 Apr 2007, 1 spec., A. Pavlíčko leg.

Arichanna melanaria (Linnaeus, 1758). **18:** 13 Jul 2009, 5 spec., 22 Jul 2009, 8 spec.

Bupalus piniarius (Linnaeus, 1758). **4:** 25 Jun 2008, 56 spec.; **7:** 25 Jun 2008, 1 spec.

Cabera pusaria (Linnaeus, 1758). **4:** 25 Jun 2008, 11 spec.; **6:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 5–10 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 5 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec.; **18:** 13 Jul 2009, 2 spec., 22 Jul 2009, 3 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 4 spec.

Cabera exanthemata (Scopoli, 1763). **4:** 21 Aug 2008, 1 spec.; **6:** 25 Jun 2008, 6 spec.; **7:** 25 Jun 2008, 3 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec., 13 Jul 2009, 3 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 2 spec., 4 Jul 2009, 7 spec.

Lomographa bimaculata (Fabricius, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec.

Lomographa temerata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 1 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Campaea margaritata (Linnaeus, 1767). **4:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 4 spec.; **8:** 13 Jul 2009, 1 spec.; **13:** 25 Jun 2008, 6 spec.; **14:** 4 Jul 2009, 2 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 5 spec.; **15:** 4 Jul 2009, 12 spec., 13 Jul 2009, 66 spec., 22 Jul 2009, 39 spec.; **18:** 13 Jul 2009, 5 spec., 22 Jul 2009, 15 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 5 spec.

Hylaea fasciaria (Linnaeus, 1758). **4:** 25 Jun 2008, 4 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 6 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 2 spec.; **17:** 14 Jul 2009, 2 spec.

Puengeleria capreolaria (Dennis & Schiffermüller, 1775). **3:** 21 Aug 2008, 1 spec.; **4:** 21 Aug 2008, 3 spec.; **13:** 21 Aug 2008, 1 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 10 spec.; **15:** 13 Jul 2009, 3 spec., 22 Jul 2009, 18 spec.; **18:** 22 Jul 2009, 2 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg.; **25:** 2005 (ČERNÝ 2005).

Elophos vittarius (Thunberg, 1788). **4:** 10 Jun 2008, 4 spec.; **6:** 10 Jun 2008, 13 spec., 25 Jun 2008, 1 spec.

Siona lineata (Scopoli, 1763). **4:** 25 Jun 2008, 9 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 16 spec.; **8:** 10 Jun 2008, 31–100 spec.

Geometra papilionaria (Linnaeus, 1758). **4:** 21 Aug 2008, 1 spec.; **8:** 28 Jul 2008, 1 spec.; **14:** 22 Jul 2009, 1 spec.; **18:** 13 Jul 2009, 2 spec., 22 Jul 2009, 24 spec.; **8:** 13 Jul 2009, 2 spec.

Jodis putata (Linnaeus, 1758). **4:** 29 May 2008, 1 spec.

Cyclophora albipunctata (Hufnagel, 1767). **4:** 21 Aug 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **17:** 14 Jul 2009, 1 spec.

Cyclophora linearia (Hübner, 1799). **13:** 25 Jun 2008, 4 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **15:** 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).

Timandra comae Schmidt, 1931. **4:** 21 Aug 2008, 1 spec.; **6:** 28 Jul 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **19:** 8 Jun 2009, 2 spec.

Scopula immorata (Linnaeus, 1758). **4:** 25 Jun 2008, 2 spec.; **6:** 25 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 4 spec.; **8:** 10 Jun 2008, 1 spec., 13 Jul 2009, 5–10 spec.; **12:** 20 Jun 2000, 1 spec.; **17:** 14 Jul 2009, 1 spec.

Scopula immutata (Linnaeus, 1758). **7:** 25 Jun 2008, 1 spec.

Scopula ternata Schrank, 1802. **4:** 25 Jun 2008, 27 spec.; **6:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **14:** 4 Jul 2009, 1 spec.; **18:** 13 Jul 2009, 2 spec.

Scopula floslactata (Haworth, 1809). **4:** 10 Jun 2008, 1 spec.; **6:** 10 Jun 2008, 2 spec.; **19:** 8 Jun 2009, 1 spec.

Idaea serpentata (Hufnagel, 1767). **7:** 25 Jun 2008, 1 spec.

Idaea biselata (Hufnagel, 1767). **14:** 22 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.

Idaea aversata (Linnaeus, 1758). **4:** 25 Jun 2008, 4 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 3 spec.; **13:** 28 Jul 2008, 5 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 10 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 22 spec., 22 Jul 2009, 50 spec.; **18:** 22 Jul 2009, 7 spec.; **19:** 4 Jul 2009, 1 spec.; **25:**

2005 (ČERNÝ 2005).

Scotopteryx moeniata (Scopoli, 1763). **4:** 1988–1989 (PAVLÍČKO 1999).

Scotopteryx chenopodiata (Linnaeus, 1758). **2:** 28 Jul 2008, 1 spec.; **4:** 21 Aug 2008, 1 spec.; **6:** 28 Jul 2008, 17 spec.; **7:** 25 Jun 2008, 52 spec.; **8:** 13 Jul 2009, 5–10 spec.; **12:** 20 Jun 2000, 1 spec., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13:** 28 Jul 2008, 4 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 4 spec., 22 Jul 2009, 6 spec.; **18:** 22 Jul 2009, 2 spec.; **17:** 14 Jul 2009, 5–10 spec.; **16:** 14 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).

Orthonama vittata (Borkhausen, 1794). **4:** 1988–1989 (PAVLÍČKO 1999); **8:** 21 Aug 2008, 2 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 1 spec.

Xanthorhoe biriviata (Borkhausen, 1794). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **13:** 25 Jun 2008, 1 spec.; **14:** 8 Jun 2009, 3 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 5 spec.; **19:** 8 Jun 2009, 1 spec.

Xanthorhoe designata (Hufnagel, 1767). **4:** 25 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 2 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **18:** 13 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Xanthorhoe spadicearia (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4:** 28 Jul 2008, 4 spec.; **6:** 28 Jul 2008, 2 spec.; **7:** 25 Jun 2008, 2 spec.; **8:** 28 Jul 2008, 2 spec., 13 Jul 2009, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 8 Jun 2009, 10 spec., 22 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 9 spec., 22 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 3 spec.

Xanthorhoe ferrugata (Clerck, 1759). **1:** 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4:** 29 May 2008, 1 spec.

Xanthorhoe quadrifasciata (Clerck, 1759). **4:** 25 Jun 2008, 1 spec.; **14:** 22 Jul 2009, 3 spec.; **15:** 13 Jul 2009, 2 spec., 22 Jul 2009, 12 spec.; **18:** 22 Jul 2009, 1 spec.

Xanthorhoe montanata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 57 spec.; **6:** 25 Jun 2008, 20 spec.; **7:** 25 Jun 2008, 17 spec.; **8:** 10 Jun 2008, 1 spec., 13 Jul 2009, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 28 Jul 2008, 2 spec.; **14:** 4 Jul 2009, 50 spec., 13 Jul 2009, 101 spec., 22 Jul 2009, 40 spec.; **15:** 8 Jun 2009, 2 spec., 4 Jul 2009, 48 spec., 13 Jul 2009, 106 spec., 22 Jul 2009, 25 spec.; **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 3 spec., 4 Jul 2009, 5 spec.; **25:** 2005 (ČERNÝ 2005).

Xanthorhoe fluctuata (Linnaeus, 1758). **14:** 8 Jun 2009, 6 spec.; **15:** 8 Jun 2009, 4 spec., 13 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Xanthorhoe incurvata (Hübner, 1813). **13:** 29 May 2008, 6 spec.

Catarhoe cuculata (Hufnagel, 1767). **6:** 25 Jun 2008, 1 spec.

Epirrhoe tristata (Linnaeus, 1758). **4:** 25 Jun 2008, 13 spec.; **6:** 25 Jun 2008, 7 spec.; **7:** 25 Jun 2008, 8 spec.; **12:** 20 Jun 2000, 1 spec., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.

Epirrhoe alternata (Müller, 1764). **3:** 21 Aug 2008, 1 spec.; **4:** 21 Aug 2008, 1 spec.; **6:** 21 Aug 2008, 2 spec.; **7:** 25 Jun 2008, 8 spec.; **8:** 28 Jul 2008, 4 spec., 13 Jul 2009, 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 8 Jun 2009, 2 spec.; **15:** 13 Jul 2009, 3 spec., 22 Jul 2009, 4 spec.; **18:** 22 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 3 spec.

Epirrhoe rivata (Hübner, 1813). **4:** 1988–1989 (PAVLÍČKO 1999); **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 3 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 2 spec.; **15:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 2 spec.

Epirrhoe molluginata (Hübner, 1813). **4:** 25 Jun 2008, 2 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 8 spec.; **8:** 13 Jul 2009, 1 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg.; **25:** 2005 (ČERNÝ 2005).

Campogramma bilineatum (Linnaeus, 1758). **4:** 21 Aug 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec.; **13:** 28 Jul 2008, 4 spec.; **14:** 13 Jul 2009, 3 spec., 22 Jul 2009, 1 spec.; **15:** 13 Jul 2009, 6 spec., 22 Jul 2009, 3 spec.; **25:** 2005 (ČERNÝ 2005).

Entephria infidaria (La Harpe, 1853). **13:** 28 Jul 2008, 2 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 10 spec., 22 Jul 2009, 2 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 7 spec.

Entephria caesiata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 9 spec.; **6:** 10 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg.; **25:** 2005 (ČERNÝ 2005).

Anticlea derivata (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.

Mesoleuca albicillata (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 2 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 1 spec.

Pelurga comitata (Linnaeus, 1758). **4:** 1988–1989 (PAVLÍČKO 1999).

Lampropteryx suffumata (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg., 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **13:** 10 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec.

Lampropteryx otregiata (Metcalfe, 1917). **4:** 25 Jun 2008, 1 spec.; **6:** 25 Jun 2008, 4 spec.; **13:** 10 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec.; **18:** 13 Jul 2009, 3 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.

Cosmorhoe ocellata (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 5 spec.; **18:** 22 Jul 2009, 1

spec.

Eulithis prunata (Linnaeus, 1758). **15**: 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Eulithis testata (Linnaeus, 1761). **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.

Eulithis populata (Linnaeus, 1758). **4**: 28 Jul 2008, 4 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 22 Jul 2009, 3 spec.; **18**: 13 Jul 2009, 10 spec., 22 Jul 2009, 29 spec.; **17**: 14 Jul 2009, 5–10 spec.; **25**: 2005 (ČERNÝ 2005).

Eulithis pyraliata (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 2 spec.; **8**: 28 Jul 2008, 2 spec., 13 Jul 2009, 11–30 spec.; **14**: 22 Jul 2009, 4 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 4 spec.; **17**: 14 Jul 2009, 2 spec.

Ecliptopera silaceata (Dennis & Schiffermüller, 1775). **6**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 12 spec.; **14**: 8 Jun 2009, 8 spec., 13 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 6 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 34 spec.; **19**: 8 Jun 2009, 6 spec.

Ecliptopera capitata (Herrich-Schäffer, 1839). **4**: 1988–1989 (PAVLÍČKO 1999); **6**: 25 Jun 2008, 1 spec.; **13**: 28 Jul 2008, 6 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 3 spec., 22 Jul 2009, 6 spec.; **15**: 8 Jun 2009, 5 spec., 4 Jul 2009, 6 spec., 13 Jul 2009, 24 spec., 22 Jul 2009, 7 spec.; **19**: 8 Jun 2009, 5 spec. 4 Jul 2009, 1 spec.

Chloroclysta siterata (Hufnagel, 1767). **1**: 14 May 2007, 1 spec., recorded by Pavlíčko et J. Procházka.; **4**: 29 May 2008, 1 spec.; **13**: 29 May 2008, 4 spec.; **14**: 8 Jun 2009, 7 spec. (1 spec. gen. prep.), 21 Sep 2009, 1 spec.; **15**: 21 Sep 2009, 21 spec.

Chloroclysta miata (Linnaeus, 1758). **15**: 8 Jun 2009, 3 spec., 21 Sep 2009, 11 spec.

Chloroclysta citrata (Linnaeus, 1761). **8**: 28 Jul 2008, 2 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **14**: 22 Jul 2009, 3 spec., 21 Sep 2009, 3 spec.; **15**: 22 Jul 2009, 5 spec., 21 Sep 2009, 4 spec.; **25**: 2005 (ČERNÝ 2005).

Chloroclysta truncata (Hufnagel, 1767). **4**: 21 Aug 2008, 1 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 2 spec.; **14**: 4 Jul 2009, 3 spec., 13 Jul 2009, 4 spec., 22 Jul 2009, 14 spec.; **15**: 4 Jul 2009, 4 spec., 13 Jul 2009, 21 spec., 22 Jul 2009, 14 spec., 21 Sep 2009, 4 spec.; **18**: 22 Jul 2009, 9 spec.

Plemyria rubiginata (Dennis & Schiffermüller, 1775). **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **18**: 22 Jul 2009, 1 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.

Thera firmata (Hübner, 1822). **3**: 21 Aug 2008, 5–10 spec.; **4**: 21 Aug 2008, 2 spec.

Thera obeliscata (Hübner, 1787). **4**: 25 Jun 2008, 12 spec.

Thera variata (Dennis & Schiffermüller, 1775); **6**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 25 Jun 2008, 6 spec.; **15**: 8 Jun 2009, 5 spec., 22 Jul 2009, 1 spec., 21 Sep 2009, 2 spec.; **25**: 2005 (ČERNÝ 2005).

Thera britannica (Turner, 1925). **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.

Eustroma reticulatum (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 2 spec.; **13**: 28 Jul 2008, 2 spec.; **14**: 4 Jul 2009, 4 spec., 4 Jul 2009, 8 spec., 22 Jul 2009, 3 spec.; **15**: 4 Jul 2009, 15 spec., 13 Jul 2009, 25 spec., 22 Jul 2009, 5 spec.

Electrophaea corylata (Thunberg, 1792). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4**: 25 Jun 2008, 2 spec.

Colostygia olivata (Dennis & Schiffermüller, 1775). **13**: 28 Jul 2008, 2 spec.; **14**: 22 Jul 2009, 2 spec.; **15**: 22 Jul 2009, 38 spec.; **18**: 22 Jul 2009, 3 spec.

Colostygia kollariaria (Herrich-Schäffer, 1848). **11**: 5 Jun 1982, 1 spec., 8 Jun 1982, 1 spec., 17 May 1986, 1 spec. (PROCHÁZKA 2000).

Colostygia pectinataria (Knoch, 1781). **4**: 28 Jul 2008, 1 spec.; **6**: 25 Jun 2008, 5 spec.; **7**: 25 Jun 2008, 10 spec.; **8**: 28 Jul 2008, 1 spec., 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 8 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 6 spec., 13 Jul 2009, 55 spec., 22 Jul 2009, 16 spec.; **18**: 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 5–10 spec.; **19**: 4 Jul 2009, 4 spec.

Hydriomena furcata (Thunberg, 1784). **4**: 28 Jul 2008, 7 spec.; **6**: 28 Jul 2008, 8 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 10 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 18 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 21 spec.; **18**: 13 Jul 2009, 5 spec., 22 Jul 2009, 51 spec.; **17**: 14 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Hydriomena impluviata (Dennis & Schiffermüller, 1775). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4**: 25 Jun 2008, 100 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 10 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 4 spec.; **15**: 8 Jun 2009, 4 spec., 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Hydriomena ruberata (Freyer, 1831). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.

Spargania luctuata (Dennis & Schiffermüller, 1775). **4**: 10 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 4 spec.; **14**: 8 Jun 2009, 1 spec., 13 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Rheumaptera cervinalis (Scopoli, 1763). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **25**: 2005 (ČERNÝ 2005).

Rheumaptera undulata (Linnaeus, 1758). **4:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.
Triphosa dubitata (Linnaeus, 1758). **14:** 13 Jul 2009, 2 spec., 22 Jul 2009, 6 spec., 21 Sep 2009, 1 spec.; **15:** 22 Jul 2009, 3 spec., 21 Sep 2009, 2 spec.
Philereme vetulata (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 1 spec.
Philereme transversata (Hufnagel, 1767). **14:** 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.
Euphyia biangulata (Haworth, 1809). **13:** 25 Jun 2008, 9 spec.; **14:** 8 Jun 2009, 4 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 2 spec.; **15:** 8 Jun 2009, 3 spec., 4 Jul 2009, 3 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec.
Euphyia unangulata (Haworth, 1809). **4:** 25 Jun 2008, 37 spec.; **6:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 4 spec.; **13:** 25 Jun 2008, 52 spec.; **14:** 8 Jun 2009, 25 spec., 4 Jul 2009, 3 spec., 13 Jul 2009, 13 spec., 22 Jul 2009, 3 spec.; **15:** 8 Jun 2009, 6 spec., 4 Jul 2009, 5 spec., 13 Jul 2009, 15 spec., 22 Jul 2009, 2 spec.; **17:** 14 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 11 spec. 4 Jul 2009, 2 spec.
Epirrita dilutata (Dennis & Schiffermüller, 1775). **14:** 21 Sep 2009, 1 spec.
Epirrita christyi (Allen, 1906). **15:** 21 Sep 2009, 6 spec. (1 spec. gen. prep.).
Epirrita autumnata (Borkhausen, 1794). **14:** 21 Sep 2009, 2 spec.; **15:** 21 Sep 2009, 3 spec.
Perizoma taeniatum (Stephens, 1831). **13:** 25 Jun 2008, 10 spec.; **14:** 4 Jul 2009, 2 spec., 13 Jul 2009, 2 spec., 22 Jul 2009, 7 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 4 spec.; **19:** 4 Jul 2009, 1 spec.
Perizoma affinitatum (Stephens, 1831). **4:** 29 May 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 29 May 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 7 spec.; **19:** 4 Jul 2009, 1 spec.
Perizoma alchemillatum (Linnaeus, 1758). **4:** 28 Jul 2008, 7 spec.; **6:** 25 Jun 2008, 19 spec.; **7:** 25 Jun 2008, 6 spec.; **8:** 28 Jul 2008, 1 spec., 13 Jul 2009, 11–30 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 21 Aug 2008, 1 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 26 spec., 22 Jul 2009, 88 spec.; **15:** 4 Jul 2009, 5 spec., 13 Jul 2009, 196 spec., 22 Jul 2009, 237 spec.; **18:** 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **19:** 4 Jul 2009, 2 spec.
Perizoma hydratum (Treitschke, 1829). **7:** 25 Jun 2008, 1 spec.; **14:** 13 Jul 2009, 1 spec.
Perizoma blandiatum (Dennis & Schiffermüller, 1775). **14:** 22 Jul 2009, 1 spec.
Perizoma albulatum (Dennis & Schiffermüller, 1775). **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 6 spec.; **8:** 10 Jun 2008, 11–30 spec.; **13:** 10 Jun 2008, 5 spec.; **14:** 8 Jun 2009, 12 spec.; **15:** 8 Jun 2009, 25 spec.; **19:** 8 Jun 2009, 46 spec.
Perizoma flavofasciatum (Thunberg, 1792). **4:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **15:** 8 Jun 2009, 1 spec.
Perizoma didymatum (Linnaeus, 1758). **13:** 28 Jul 2008, 2 spec.; **15:** 22 Jul 2009, 3 spec.
Perizoma verberatum (Scopoli, 1763). **12:** 20 Jun 2000, 1 spec.
Eupithecia abietaria (Goeze, 1781). **4:** 25 Jun 2008, 2 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 10 Jun 2008, 2 spec.; **14:** 22 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 3 spec.; **18:** 22 Jul 2009, 1 spec.
Eupithecia virgaureata Doubleday, 1861. **8:** 28 Jul 2008, 1 spec.; **13:** 21 Aug 2008, 1 spec.; **15:** 22 Jul 2009, 1 spec.
Eupithecia tripunctaria Herrich-Schäffer, 1852. **4:** 28 Jul 2008, 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.
Eupithecia lariciata (Freyer, 1842). **14:** 4 Jul 2009, 1 spec.; **15:** 8 Jun 2009, 1 spec.
Eupithecia tantillaria Boisduval, 1840. **1:** 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **4:** 25 Jun 2008, 3 spec.; **7:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 8 Jun 2009, 3 spec.; **15:** 8 Jun 2009, 3 spec.; **19:** 8 Jun 2009, 3 spec.
Eupithecia selinata Herrich-Schäffer, 1861. **4:** 25 Jun 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec. (gen. prep.); **13:** 25 Jun 2008, 8 spec.; **14:** 13 Jul 2009, 6 spec.; **15:** 13 Jul 2009, 3 spec. (2 spec. gen. prep.), 22 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 3 spec. (1 spec. gen. prep.).
Eupithecia egenaria Herrich-Schäffer, 1848. **19:** 8 Jun 2009, 1 spec.
Eupithecia pimpinellata (Hübner, 1813). **7:** 25 Jun 2008, 5 spec.; **14:** 22 Jul 2009, 1 spec. (gen. prep.).
Eupithecia plumbeolata (Haworth, 1809). **4:** 25 Jun 2008, 1 spec.; **15:** 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.
Eupithecia extraversaria Herrich-Schäffer, 1852. **8:** 13 Jul 2009, 1 spec. (gen. prep.), **17:** 14 Jul 2009, 1 spec. (gen. prep.).
Eupithecia vulgata (Haworth, 1809). **13:** 10 Jun 2008, 3 spec.; **14:** 8 Jun 2009, 23 spec.; **15:** 8 Jun 2009, 21 spec.; **19:** 8 Jun 2009, 14 spec.
Eupithecia assimilata Doubleday, 1856. **7:** 25 Jun 2008, 1 spec.; **15:** 13 Jul 2009, 10 spec.
Eupithecia immundata (Lienig & Zeller, 1846). **13:** 25 Jun 2008, 1 spec.; **15:** 8 Jun 2009, 1 spec.
Eupithecia satyrata (Hübner, 1813). **4:** 25 Jun 2008, 7 spec.; **7:** 25 Jun 2008, 1 spec.; **13:** 29 May 2008, 1 spec.; **14:** 8 Jun 2009, 1 spec.; **15:** 8 Jun 2009, 3 spec. (1 spec. gen. prep.); **19:** 8 Jun 2009, 4 spec. (2 spec. gen. prep.).
Eupithecia absinthiata (Clerck, 1759). **13:** 25 Jun 2008, 2 spec.; **14:** 4 Jul 2009, 4 spec., 13 Jul 2009, 17 spec.,

22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 10 spec., 13 Jul 2009, 36 spec.
Eupithecia expallidata Doubleday, 1856. **13**: 28 Jul 2008, 2 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **15**: 22 Jul 2009, 15 spec., **18**: 22 Jul 2009, 1 spec. (gen. prep.).
Eupithecia indigata (Hübner, 1813). **4**: 29 May 2008, 1 spec.
Eupithecia subumbata (Dennis & Schiffermüller, 1775). **8**: 10 Jun 2008, 1 spec., 13 Jul 2009, 1 spec.
Eupithecia subfuscata (Haworth, 1809). **4**: 25 Jun 2008, 14 spec.; **6**: 25 Jun 2008, 5 spec.; **7**: 25 Jun 2008, 9 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **15**: 8 Jun 2009, 2 spec.; **19**: 4 Jul 2009, 1 spec. (gen. prep.).
Eupithecia exigua (Hübner, 1813). **4**: 29 May 2008, 3 spec.; **15**: 8 Jun 2009, 2 spec.; **19**: 8 Jun 2009, 2 spec.
Eupithecia icterata (Villers, 1789). **8**: 28 Jul 2008, 2 spec.
Eupithecia succenturiata (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.
Rhinoprora rectangularata (Linnaeus, 1758). **8**: 13 Jul 2009, 1 spec.
Rhinoprora debiliata (Hübner, 1817). **4**: 25 Jun 2008, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 6 spec.
Aplocera praeformata (Hübner, 1826). **4**: 28 Jul 2008, 3 spec.; **6**: 28 Jul 2008, 1 spec.; **7**: 25 Jun 2008, 2 spec.; **8**: 28 Jul 2008, 5–10 spec., 13 Jul 2009, 11–30 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 28 Jul 2008, 1 spec.; **15**: 22 Jul 2009, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 11–30 spec.; **25**: 2005 (ČERNÝ 2005).
Odezia atrata (Linnaeus, 1758). **7**: 25 Jun 2008, 2 spec.; **8**: 25 Jun 2008, 11–30 spec.; **17**: 14 Jul 2009, 1 spec.
Hydrelia flammeolaria (Hufnagel, 1767). **4**: 25 Jun 2008, 9 spec.; **6**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.
Hydrelia sylvata (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 47 spec.; **6**: 25 Jun 2008, 3 spec.; **13**: 25 Jun 2008, 1 spec.; **15**: 4 Jul 2009, 2 spec., 13 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.
Hydrelia blomeri (Curtis, 1832). **4**: 10 Jun 2008, 1 spec., 25 Jun 2008, 5 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.
Euchoeca nebulata (Scopoli, 1763). **4**: 28 Jul 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.
Asthenia albulata (Hufnagel, 1767). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg.; **14**: 22 Jul 2009, 2 spec.
Lobophora halterata (Hufnagel, 1767). **4**: 29 May 2008, 1 spec.; **13**: 29 May 2008, 2 spec.
Trichopteryx carpinata (Borkhausen, 1794). **1**: 14 May 2007, 1 spec., A. Pavlíčko et J. Procházka leg., 27 Apr 2007, 1 spec., A. Pavlíčko leg.
Nothocasis sertata (Hübner, 1817). **14**: 21 Sep 2009, 2 spec.; **15**: 21 Sep 2009, 16 spec.
Pterapherapteryx sexualata (Retzius, 1783). **4**: 25 Jun 2008, 4 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 10 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.

Notodontidae

Clostera curtula (Linnaeus, 1758). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4**: 1988–1989 (PAVLÍČKO 1999).
Clostera pigra (Hufnagel, 1766). **4**: 28 Jul 2008, 1 spec.; **6**: 28 Jul 2008, 1 spec.
Cerura vinula (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999).
Furcula bicuspis (Borkhausen, 1790). **4**: 10 Jun 2008, 1 spec.
Notodonta dromedarius (Linnaeus, 1767). **4**: 25 Jun 2008, 1 spec., 13 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).
Notodonta torva (Hübner, 1803). **4**: 29 May 2008, 1 spec.
Notodonta tritophus (Dennis & Schiffermüller, 1775). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4**: 1988–1989 (PAVLÍČKO 1999); **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.
Notodonta ziczac (Linnaeus, 1758). **4**: 29 May 2008, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **12**: 20 Jun 2000, 1 spec.
Drymonia dodonaea (Dennis & Schiffermüller, 1775). **13**: 29 May 2008, 2 spec.
Pheosia gnoma (Fabricius, 1776). **4**: 10 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 6 spec., 22 Jul 2009, 4 spec.
Pheosia tremula (Clerck, 1759). **4**: 1988–1989 (PAVLÍČKO 1999); **6**: 25 Jun 2008, 1 spec.
Pterostoma palpinum (Clerck, 1759). **4**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **17**: 14 Jul 2009, 1 spec.
Ptilophora plumigera (Dennis & Schiffermüller, 1775). **4**: 1988–1989 (PAVLÍČKO 1999); **14**: PAVLÍČKO (2000).
Leucodonta bicoloria (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.
Ptilodon capucina (Linnaeus, 1758). **4**: 21 Aug 2008, 1 spec.; **6**: 10 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 10 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 8 spec.; **14**: 8 Jun 2009, 4 spec., 4

Jul 2009, 8 spec., 13 Jul 2009, 5 spec., 22 Jul 2009, 4 spec.; **15**: 8 Jun 2009, 7 spec., 4 Jul 2009, 12 spec., 13 Jul 2009, 16 spec., 22 Jul 2009, 2 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec. 4 Jul 2009, 9 spec.; **25**: 2005 (ČERNÝ 2005).

Ptilodon cucullina (Dennis & Schiffermüller, 1775). **4**: 1988–1989 (PAVLÍČKO 1999); **14**: 4 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 3 spec., 13 Jul 2009, 6 spec.; **18**: 22 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.

Odontosia carmelita (Esper, 1798). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg.

Phalera bucephala (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **6**: 10 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 4 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15**: 8 Jun 2009, 2 spec.; **19**: 8 Jun 2009, 1 spec. 4 Jul 2009, 1 spec.

Stauropus fagi (Linnaeus, 1758). **13**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.

Noctuidae

Acronicta megacephala (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 4 spec.

Acronicta psi (Linnaeus, 1758). **13**: 25 Jun 2008, 1 spec.

Acronicta leporina (Linnaeus, 1758). **14**: 13 Jul 2009, 1 spec.

Acronicta menyanthidis (Esper, 1789). **12**: 20 Jun 2000, more spec., J. Šumpich observ. (2 spec. leg. et coll.).

Acronicta auricoma (Dennis & Schiffermüller, 1775). **4**: 29 May 2008, 2 spec.

Acronicta rumicis (Linnaeus, 1758). **4**: 29 May 2008, 1 spec.; **6**: 21 Aug 2008, 1 spec.; **13**: 29 May 2008, 1 spec.

Craniophora ligustri (Dennis & Schiffermüller, 1775). **7**: 25 Jun 2008, 3 spec.; **14**: 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **25**: 2005 (ČERNÝ 2005).

Herminia grisealis (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 4 Jul 2009, 2 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **18**: 22 Jul 2009, 1 spec.

Polygogon tentacularius (Linnaeus, 1758). **4**: 25 Jun 2008, 21 spec.; **6**: 25 Jun 2008, 4 spec.; **7**: 25 Jun 2008, 19 spec.; **8**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Pechipogo strigilata (Linnaeus, 1758). **13**: 25 Jun 2008, 1 spec.

Hypenodes humidalis Doubleday, 1850. **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 1 spec.

Catocala fraxini (Linnaeus, 1758). **3**: 21 Aug 2008, 1 spec.

Lygephila pastinum (Treitschke, 1826). **4**: 1988–1989 (PAVLÍČKO 1999); **8**: 13 Jul 2009, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Laspeyria flexula (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 7 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 28 Jul 2008, 4 spec.; **14**: 13 Jul 2009, 3 spec., 22 Jul 2009, 5 spec.; **15**: 13 Jul 2009, 19 spec., 22 Jul 2009, 24 spec.; **18**: 13 Jul 2009, 3 spec., 22 Jul 2009, 47 spec.

Scoliopteryx libatrix (Linnaeus, 1758). **13**: 21 Aug 2008, 1 spec.; **14**: 21 Sep 2009, 1 spec.; **15**: 21 Sep 2009, 2 spec.

Hypena crassalis (Fabricius, 1787). **4**: 25 Jun 2008, 7 spec.; **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 4 spec.; **8**: 13 Jul 2009, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 13 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 6 spec.; **25**: 2005 (ČERNÝ 2005).

Hypena proboscidalis (Linnaeus, 1758). **4**: 28 Jul 2008, 2 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec., 13 Jul 2009, 5–10 spec.; **13**: 21 Aug 2008, 1 spec.; **14**: 4 Jul 2009, 4 spec., 13 Jul 2009, 27 spec., 22 Jul 2009, 24 spec.; **15**: 4 Jul 2009, 21 spec., 13 Jul 2009, 122 spec., 22 Jul 2009, 171 spec.; **18**: 22 Jul 2009, 3 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 7 spec.

Rivula sericealis (Scopoli, 1763). **4**: 28 Jul 2008, 1 spec.; **6**: 28 Jul 2008, 1 spec.; **8**: 10 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec.

Colobochoyla salicalis (Dennis & Schiffermüller, 1775). **6**: 25 Jun 2008, 1 spec.

Parascotia fuliginaria (Linnaeus, 1761). **14**: 4 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.

Polychrysis moneta (Fabricius, 1787). **6**: 25 Jun 2008, 1 spec.; **15**: 22 Jul 2009, 1 spec.,

Plusia putnami (Grote, 1873). **4**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2009, 5–10 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 13 Jul 2009, 4 spec., 22 Jul 2009, 5 spec.; **15**: 13 Jul 2009, 4 spec., 22 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 11–30 spec.

Diachrysis chrysis group. **4**: 25 Jun 2008, 10 spec.; **7**: 25 Jun 2008, 3 spec., 13 Jul 2009, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 6 spec.; **14**: 4 Jul 2009, 2 spec., 13 Jul 2009, 12 spec., 22 Jul 2009, 3 spec.; **15**: 8 Jun 2009, 2 spec., 4 Jul 2009, 3 spec., 13 Jul 2009, 19 spec., 22 Jul 2009, 4 spec.; **17**: 14 Jul 2009, 5–10 spec.; **19**: 8 Jun 2009, 1 spec. 4 Jul 2009, 4 spec.

Autographa gamma (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **8**: 10 Jun 2008, 1 spec.; **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 10 spec.; **15**: 8 Jun 2009, 1 spec., 4 Jul 2009, 1 spec., 22 Jul 2009, 19 spec., 21 Sep

2009, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec. **16**: 14 Jul 2009, 1 spec.

Autographa pulchrina (Haworth, 1809). **4**: 25 Jun 2008, 6 spec.; **6**: 25 Jun 2008, 1 spec.; **8**: 10 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 28 Jul 2008, 2 spec.; **14**: 4 Jul 2009, 3 spec., 13 Jul 2009, 9 spec., 22 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 1 spec., 13 Jul 2009, 5 spec., 22 Jul 2009, 2 spec.; **8**: 13 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 2 spec.

Autographa jota (Linnaeus, 1758). **14**: 13 Jul 2009, 1 spec.

Autographa bractea (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 1 spec.; **8**: 13 Jul 2009, 12 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 3 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 2 spec.; **17**: 14 Jul 2009, 5 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.; **25**: 2005 (ČERNÝ 2005).

Syngrapha interrogationis (Linnaeus, 1758). **12**: 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.; **13**: 28 Jul 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 7 spec.; **17**: 14 Jul 2009, 1 spec.

Abrostola tripartita (Hufnagel, 1766). **13**: 25 Jun 2008, 4 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 3 spec.; **19**: 8 Jun 2009, 3 spec.

Abrostola triplasia (Linnaeus, 1758). **13**: 29 May 2008, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Protodeltote pygarga (Hufnagel, 1766). **4**: 25 Jun 2008, 4 spec.; **6**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 5 spec., 22 Jul 2009, 3 spec.

Deltote uncula (Clerck, 1759). **4**: 25 Jun 2008, 2 spec.; **12**: 20 Jun 2000, 1 spec.

Deltote deceptorita (Scopoli, 1763). **4**: 25 Jun 2008, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Trisateles emortualis (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 13 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.

Cucullia lactucae (Dennis & Schiffermüller, 1775). **25**: 2005 (ČERNÝ 2005).

Cucullia umbratica (Linnaeus, 1758). **25**: 2005 (ČERNÝ 2005).

Cucullia scrophulariae (Dennis & Schiffermüller, 1775). **25**: 2005 (ČERNÝ 2005).

Cucullia prenanthis Boisduval, 1840. **25**: 2005 (ČERNÝ 2005).

Calliergis ramosa (Esper, 1786). **13**: 25 Jun 2008, 2 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 1 spec.

Amphipyra pyramidea (Linnaeus, 1758). **14**: 21 Sep 2009, 1 spec.; **15**: 21 Sep 2009, 3 spec.

Amphipyra perflua (Fabricius, 1787). **15**: 22 Jul 2009, 1 spec.

Amphipyra tragopoginis (Clerck, 1759). **4**: 28 Jul 2008, 1 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.; **13**: 28 Jul 2008, 2 spec.; **15**: 21 Sep 2009, 2 spec.; **25**: 2005 (ČERNÝ 2005).

Caradrina morpheus (Hufnagel, 1766). **4**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 18 spec.; **13**: 25 Jun 2008, 9 spec.; **14**: 8 Jun 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.

Hoplodrina octogenaria (Goeze, 1781). **4**: 28 Jul 2008, 1 spec.; **13**: 28 Jul 2008, 3 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 4 spec.; **15**: 13 Jul 2009, 8 spec., 22 Jul 2009, 3 spec.

Hoplodrina blanda (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 11 spec.; **13**: 28 Jul 2008, 3 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 5 spec.

Hoplodrina respersa (Dennis & Schiffermüller, 1775). **14**: 13 Jul 2009, 1 spec.

Hoplodrina ambigua (Dennis & Schiffermüller, 1775). **4**: 1988–1989 (PAVLIČKO 1999); **8**: 28 Jul 2008, 1 spec.

Charanyca trigrammica (Hufnagel, 1766). **4**: 25 Jun 2008, 8 spec.; **6**: 25 Jun 2008, 2 spec.; **7**: 25 Jun 2008, 25 spec.; **8**: 10 Jun 2008, 1 spec.

Atypha pulmonaris (Esper, 1790). **13**: 28 Jul 2008, 5 spec.; **14**: 22 Jul 2009, 1 spec.; **15**: 22 Jul 2009, 1 spec.

Athetis pallustris (Hübner, 1808). **4**: 1988–1989 (PAVLIČKO 1999).

Dypterygia scabriuscula (Linnaeus, 1758). **15**: 22 Jul 2009, 1 spec.

Rusina ferruginea (Esper, 1785). **4**: 25 Jun 2008, 30 spec.; **6**: 25 Jun 2008, 6 spec.; **7**: 25 Jun 2008, 14 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 2 spec.; **15**: 8 Jun 2009, 1 spec., 13 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 6 spec. 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Trachea atriplicis (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.

Euplexia lucipara (Linnaeus, 1758). **4**: 25 Jun 2008, 4 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 10 spec.; **14**: 8 Jun 2009, 2 spec., 4 Jul 2009, 2 spec.; **15**: 8 Jun 2009, 3 spec., 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec.; **19**: 8 Jun 2009, 3 spec., 4 Jul 2009, 1 spec.

Phlogophora meticulosa (Linnaeus, 1758). **3**: 21 Aug 2008, 1 spec.; **15**: 22 Jul 2009, 1 spec., 21 Sep 2009, 1 spec.

Phlogophora scita (Hübner, 1790). **13**: 28 Jul 2008, 2 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 5 spec.; **15**: 13 Jul 2009, 4 spec., 22 Jul 2009, 8 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.

Hyppa rectilinea (Esper, 1788). **13**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec.; **15**: 8 Jun 2009, 1 spec.;

17: 14 Jul 2009, 1 spec.
Actinotia polyodon (Clerck, 1759). **4:** 1988–1989 (PAVLÍČKO 1999).
Ipimorpha retusa (Linnaeus, 1761). **8:** 21 Aug 2008, 1 spec.
Parastichtis ypsilon (Dennis & Schiffermüller, 1775). **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.
Cosmia trapezina (Linnaeus, 1758). **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **15:** 22 Jul 2009, 1 spec.
Xanthia togata (Esper, 1788). **15:** 21 Sep 2009, 1 spec.
Xanthia aurago (Dennis & Schiffermüller, 1775). **15:** 21 Sep 2009, 4 spec.
Xanthia icteritia (Hufnagel, 1766). **3:** 21 Aug 2008, 1 spec.; **4:** 21 Aug 2008, 1 spec.
Agrochola lychnidis (Dennis & Schiffermüller, 1775). **15:** 21 Sep 2009, 1 spec.
Agrochola circellaris (Hufnagel, 1766). **15:** 21 Sep 2009, 2 spec.
Agrochola macilenta (Hübner, 1809). **14:** 21 Sep 2009, 1 spec.; **15:** 21 Sep 2009, 6 spec.
Agrochola nitida (Dennis & Schiffermüller, 1775). **15:** 21 Sep 2009, 1 spec.
Agrochola helvola (Linnaeus, 1758). **18:** 21 Sep 2009, 1 spec.
Agrochola litura (Linnaeus, 1761). **15:** 21 Sep 2009, 5 spec.
Conistra vaccinii (Linnaeus, 1761). **4:** 1988–1989 (PAVLÍČKO 1999); **15:** 21 Sep 2009, 4 spec.
Dasypolia templi (Thunberg, 1792). **14:** 21 Sep 2009, 1 spec.; **15:** 21 Sep 2009, 5 spec.
Brachylomia viminalis (Fabricius, 1776). **4:** 28 Jul 2008, 3 spec.; **8:** 28 Jul 2008, 2 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **15:** 22 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).
Lithomia solidaginis (Hübner, 1803). **3:** 21 Aug 2008, 1 spec.; **4:** 21 Aug 2008, 1 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.
Lithophane ornitopus (Hufnagel, 1766). **14:** 21 Sep 2009, 1 spec.
Lithophane consocia (Borkhausen, 1792). **15:** 21 Sep 2009, 4 spec.
Xylena vetusta (Hübner, 1813). **4:** 29 May 2008, 1 spec.
Allophytes oxyacanthae (Linnaeus, 1758). **15:** 21 Sep 2009, 2 spec.
Blepharita satura (Dennis & Schiffermüller, 1775). **14:** 21 Sep 2009, 1 spec.; **15:** 21 Sep 2009, 17 spec.
Polymixis gmea (Treitschke, 1825). **3:** 21 Aug 2008, 2 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.
Apamea monoglypha (Hufnagel, 1766). **4:** 1988–1989 (PAVLÍČKO 1999); **3:** 21 Aug 2008, 1 spec.; **8:** 13 Jul 2009, 1 spec.; **12:** 20 Jun 2000, 1 spec., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13:** 25 Jun 2008, 4 spec.; **14:** 4 Jul 2009, 1 spec., 13 Jul 2009, 5 spec., 22 Jul 2009, 3 spec.; **15:** 4 Jul 2009, 2 spec., 13 Jul 2009, 16 spec., 22 Jul 2009, 11 spec.; **18:** 22 Jul 2009, 7 spec.; **25:** 2005 (ČERNÝ 2005).
Apamea sublustris (Esper, 1788). **4:** 25 Jun 2008, 11 spec.; **6:** 25 Jun 2008, 4 spec.; **7:** 25 Jun 2008, 29 spec.; **12:** 20 Jun 2000, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).
Apamea crenata (Hufnagel, 1766). **4:** 25 Jun 2008, 6 spec.; **6:** 25 Jun 2008, 1 spec.; **7:** 25 Jun 2008, 2 spec.; **13:** 25 Jun 2008, 2 spec.; **14:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15:** 4 Jul 2009, 1 spec.; **19:** 8 Jun 2009, 1 spec.; **25:** 2005 (ČERNÝ 2005).
Apamea rubrireana (Treitschke, 1825). **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 1 spec.; **14:** 22 Jul 2009, 3 spec.; **15:** 13 Jul 2009, 2 spec.; **18:** 22 Jul 2009, 1 spec.
Apamea remissa (Hübner, 1809). **4:** 25 Jun 2008, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **14:** 4 Jul 2009, 1 spec.; **15:** 22 Jul 2009, 1 spec.
Apamea unanimis (Hübner, 1813). **4:** 25 Jun 2008, 7 spec.; **7:** 25 Jun 2008, 1 spec.; **19:** 4 Jul 2009, 1 spec.
Apamea illyria Frey, 1846. **13:** 25 Jun 2008, 3 spec.; **14:** 8 Jun 2009, 12 spec.; **15:** 8 Jun 2009, 3 spec.; **19:** 8 Jun 2009, 1 spec.
Apamea sordens (Hufnagel, 1766). **4:** 1988–1989 (PAVLÍČKO 1999); **25:** 2005 (ČERNÝ 2005).
Apamea scolopacina (Esper, 1788). **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13:** 21 Aug 2008, 5 spec.; **14:** 22 Jul 2009, 1 spec.
Apamea ophiogramma (Esper, 1794). **4:** 28 Jul 2008, 1 spec.
Oligia strigilis (Linnaeus, 1758). **4:** 25 Jun 2008, 55 spec.; **6:** 25 Jun 2008, 8 spec.; **7:** 25 Jun 2008, 6 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 25 Jun 2008, 2 spec.; **15:** 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 5–10 spec.; **25:** 2005 (ČERNÝ 2005).
Oligia versicolor (Borkhausen, 1792). **15:** 22 Jul 2009, 16 spec. (1 spec. gen. prep.).
Oligia latruncula (Dennis & Schiffermüller, 1775). **4:** 25 Jun 2008, 25 spec.; **7:** 25 Jun 2008, 14 spec.; **8:** 28 Jul 2008, 1 spec.; **13:** 28 Jul 2008, 5 spec.; **14:** 22 Jul 2009, 13 spec. (1 spec. gen. prep.); **15:** 13 Jul 2009, 1 spec., 22 Jul 2009, 17 spec.; **18:** 22 Jul 2009, 1 spec.; **17:** 14 Jul 2009, 5–10 spec.
Mesapamea secalis (Linnaeus, 1758). **3:** 21 Aug 2008, 2 spec.; **12:** 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13:** 28 Jul 2008, 3 spec.; **15:** 22 Jul 2009, 3 spec. (1 spec. gen. prep.); **18:** 22 Jul 2009, 1 spec.; **26:** 15 Jul 2005, 1 spec., I. Solovka leg..
Luperina testacea (Dennis & Schiffermüller, 1775). **4:** 21 Aug 2008, 1 spec.

Gortyna flavago (Dennis & Schiffermüller, 1775). **14**: 21 Sep 2009, 4 spec.; **15**: 21 Sep 2009, 11 spec.

Celaena leucostigma (Hübner, 1808). **8**: 28 Jul 2008, 1 spec.

Celaena haworthii (Curtis, 1829). **4**: 1988–1989 (PAVLÍČKO 1999); **12**: 25 Aug 2005, more spec., A. Pavlíčko et E. Lehečka leg.

Chortodes minima (Haworth, 1809). **4**: 1988–1989 (PAVLÍČKO 1999); **6**: 28 Jul 2008, 2 spec.; **12**: 20 Jun 2000, 1 spec.; **15**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **8**: 13 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Chortodes fluxa (Hübner, 1809). **25**: 2005 (ČERNÝ 2005).

Chortodes pygmina (Haworth, 1809). **8**: 21 Aug 2008, 1 spec.; **14**: 21 Sep 2009, 2 spec.; **15**: 21 Sep 2009, 2 spec.

Lacanobia contigua (Dennis & Schiffermüller, 1775). **14**: 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Lacanobia thalassina (Hufnagel, 1766). **4**: 10 Jun 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 5 spec.; **14**: 8 Jun 2009, 4 spec.; **15**: 8 Jun 2009, 4 spec., 4 Jul 2009, 1 spec., 13 Jul 2009, 4 spec., 22 Jul 2009, 2 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.

Hada plebeja (Linnaeus, 1761). **4**: 25 Jun 2008, 6 spec.; **6**: 25 Jun 2008, 13 spec.; **7**: 25 Jun 2008, 75 spec.; **8**: 10 Jun 2008, 5–10 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 25 Jun 2008, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Hadena confusa (Hufnagel, 1766). **19**: 8 Jun 2009, 3 spec.

Hadena bicruris (Hufnagel, 1766). **7**: 25 Jun 2008, 2 spec.

Hadena rivularis (Fabricius, 1775). **13**: 25 Jun 2008, 1 spec.; **15**: 4 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Melanchra persicariae (Linnaeus, 1761). **14**: 22 Jul 2009, 3 spec.; **15**: 13 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Melanchra pisi (Linnaeus, 1758). **4**: 25 Jun 2008, 1 spec.; **8**: 10 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 8 Jun 2009, 1 spec.; **19**: 8 Jun 2009, 4 spec.

Mamestra brassicae (Linnaeus, 1758). **13**: 28 Jul 2008, 2 spec.

Papestra biren (Goeze, 1781). **4**: 29 May 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.

Polia bombycina (Hufnagel, 1766). **4**: 25 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.; **15**: 4 Jul 2009, 14 spec., 13 Jul 2009, 8 spec., 22 Jul 2009, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 15 spec.

Polia hepatica (Clerck, 1759). **12**: 20 Jun 2000, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Polia nebulosa (Hufnagel, 1766). **4**: 25 Jun 2008, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **15**: 4 Jul 2009, 8 spec., 13 Jul 2009, 12 spec., 22 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Mythimna conigera (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 2 spec.; **8**: 28 Jul 2008, 5–10 spec., 13 Jul 2009, 5–10 spec.; **13**: 28 Jul 2008, 4 spec.; **14**: 22 Jul 2009, 2 spec.; **15**: 22 Jul 2009, 6 spec.; **25**: 2005 (ČERNÝ 2005).

Mythimna ferrago (Fabricius, 1787). **8**: 13 Jul 2009, 1 spec.; **14**: 22 Jul 2009, 2 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 3 spec.

Mythimna albipuncta (Dennis & Schiffermüller, 1775). **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 28 Jul 2008, 1 spec.

Mythimna pudorina (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 2 spec.; **8**: 13 Jul 2009, 1 spec.

Mythimna impura (Hübner, 1808). **3**: 21 Aug 2008, 2 spec.; **4**: 21 Aug 2008, 6 spec.; **6**: 21 Aug 2008, 1 spec.; **8**: 28 Jul 2008, 5–10 spec., 13 Jul 2009, 5–10 spec.; **13**: 28 Jul 2008, 4 spec.; **14**: 13 Jul 2009, 6 spec., 22 Jul 2009, 14 spec.; **15**: 13 Jul 2009, 5 spec., 22 Jul 2009, 12 spec.; **18**: 22 Jul 2009, 29 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Mythimna pallens (Linnaeus, 1758). **4**: 1988–1989 (PAVLÍČKO 1999); **18**: 13 Jul 2009, 1 spec.

Mythimna obsoleta (Hübner, 1803). **4**: 25 Jun 2008, 30 spec.; **6**: 25 Jun 2008, 1 spec.

Mythimna comma (Linnaeus, 1761). **4**: 25 Jun 2008, 9 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 15 spec.; **8**: 10 Jun 2008, 3 spec.; **12**: 20 Jun 2000, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Orthosia gothica (Linnaeus, 1758). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg.; **4**: 1988–1989 (PAVLÍČKO 1999).

Orthosia cerasi (Fabricius, 1775). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg..

Cerapteryx graminis (Linnaeus, 1758). **4**: 28 Jul 2008, 7 spec.; **8**: 21 Aug 2008, 1 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **15**: 22 Jul 2009, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Tholera decimalis (Poda, 1761). **3**: 21 Aug 2008, 3 spec.; **4**: 21 Aug 2008, 3 spec.; **6**: 21 Aug 2008, 4 spec.; **8**: 21 Aug 2008, 6 spec.

Tholera cespitis (Dennis & Schiffermüller, 1775). **3**: 21 Aug 2008, 1 spec.; **8**: 21 Aug 2008, 1 spec.; **13**: 21 Aug 2008, 1 spec.

Eriopygodes imbecillus (Fabricius, 1794). **4**: 25 Jun 2008, 16 spec.; **6**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008,

26 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 2 spec.; **14**: 4 Jul 2009, 2 spec.; **15**: 4 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 2 spec.; **25**: 2005 (ČERNÝ 2005).

Lasionycta proxima (Hübner, 1809). **15**: 22 Jul 2009, 1 spec.

Ochropleura plecta (Linnaeus, 1761). **3**: 21 Aug 2008, 1 spec.; **7**: 25 Jun 2008, 2 spec.; **8**: 13 Jul 2009, 1 spec.; **12**: 20 Jun 2000, 1 spec., 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 1 spec., 22 Jul 2009, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 4 spec.

Diarsia mendica (Fabricius, 1775). **4**: 25 Jun 2008, 30 spec.; **6**: 25 Jun 2008, 25 spec.; **7**: 25 Jun 2008, 26 spec.; **12**: 29 May 2008 1 spec.; **13**: 25 Jun 2008, 132 spec.; **14**: 8 Jun 2009, 2 spec., 4 Jul 2009, 59 spec., 13 Jul 2009, 56 spec., 22 Jul 2009, 4 spec.; **15**: 8 Jun 2009, 11 spec., 4 Jul 2009, 101 spec., 13 Jul 2009, 107 spec., 22 Jul 2009, 6 spec.; **18**: 13 Jul 2009, 4 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 10 spec. 4 Jul 2009, 18 spec.; **25**: 2005 (ČERNÝ 2005).

Diarsia brunnea (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 2 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 28 Jul 2008, 2 spec.; **13**: 28 Jul 2008, 21 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 27 spec., 22 Jul 2009, 61 spec.; **15**: 4 Jul 2009, 5 spec., 13 Jul 2009, 47 spec., 22 Jul 2009, 141 spec.; **18**: 22 Jul 2009, 9 spec.; **17**: 14 Jul 2009, 5–10 spec.; **25**: 2005 (ČERNÝ 2005).

Diarsia rubi (Vieweg, 1790). **4**: 1988–1989 (PAVLÍČKO 1999); **3**: 21 Aug 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 5 spec.; **19**: 4 Jul 2009, 5 spec.; **25**: 2005 (ČERNÝ 2005).

Diarsia florida (Schmidt, 1859). **13**: 25 Jun 2008, 2 spec.

Noctua pronuba (Linnaeus, 1758). **3**: 21 Aug 2008, 1 spec.; **4**: 25 Jun 2008, 2 spec.; **6**: 25 Jun 2008, 3 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 21 Aug 2008, 1 spec.; **14**: 4 Jul 2009, 2 spec., 13 Jul 2009, 3 spec., 22 Jul 2009, 2 spec.; **15**: 4 Jul 2009, 7 spec., 13 Jul 2009, 1 spec., 22 Jul 2009, 10 spec.; **18**: 22 Jul 2009, 2 spec.

Noctua comes Hübner, 1813. **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **14**: 22 Jul 2009, 2 spec.; **15**: 22 Jul 2009, 1 spec.

Noctua fimbriata (Schreber, 1759). **14**: 22 Jul 2009, 1 spec.; **15**: 22 Jul 2009, 1 spec.

Noctua janthina Dennis & Schiffermüller, 1775. **4**: 28 Jul 2008, 1 spec.; **15**: 13 Jul 2009, 1 spec.

Optigena polygona (Dennis & Schiffermüller, 1775). **25**: 15 Jul 2005, 1 spec., I. Solovka leg.

Eurois occulta (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.; **6**: 28 Jul 2008, 2 spec.; **7**: 25 Jun 2008, 3 spec.; **13**: 28 Jul 2008, 5 spec.; **14**: 4 Jul 2009, 23 spec., 13 Jul 2009, 13 spec., 22 Jul 2009, 25 spec.; **15**: 8 Jun 2009, 1 spec., 4 Jul 2009, 80 spec., 13 Jul 2009, 72 spec., 22 Jul 2009, 27 spec.; **18**: 13 Jul 2009, 3 spec., 22 Jul 2009, 30 spec.; **19**: 4 Jul 2009, 14 spec.

Anaplectoides prasinus (Dennis & Schiffermüller, 1775). **4**: 28 Jul 2008, 1 spec.; **6**: 28 Jul 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 2 spec.; **13**: 28 Jul 2008, 2 spec.; **14**: 13 Jul 2009, 1 spec., 22 Jul 2009, 12 spec.; **15**: 13 Jul 2009, 19 spec., 22 Jul 2009, 15 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 4 Jul 2009, 1 spec.

Lycophotia porphyrea (Dennis & Schiffermüller, 1775). **4**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **18**: 13 Jul 2009, 4 spec., 22 Jul 2009, 3 spec.

Graphiphora augur (Fabricius, 1775). **4**: 1988–1989 (PAVLÍČKO 1999); **6**: 25 Jun 2008, 1 spec.; **7**: 25 Jun 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 4 Jul 2009, 1 spec., 22 Jul 2009, 1 spec.; **18**: 13 Jul 2009, 1 spec., 22 Jul 2009, 2 spec.

Eugnorisma depuncta (Linnaeus, 1761). **4**: 21 Aug 2008, 1 spec.; **13**: 21 Aug 2008, 7 spec.; **14**: 21 Sep 2009, 2 spec.; **15**: 21 Sep 2009, 5 spec.

Xestia c-nigrum (Linnaeus, 1758). **3**: 21 Aug 2008, 5–10 spec.; **4**: 21 Aug 2008, 4 spec.; **7**: 25 Jun 2008, 3 spec.; **8**: 10 Jun 2008, 1 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 2 Aug 2008, 8 spec.

Xestia triangulum (Hufnagel, 1766). **4**: 25 Jun 2008, 3 spec.; **7**: 25 Jun 2008, 1 spec.; **13**: 28 Jul 2008, 1 spec.; **14**: 13 Jul 2009, 2 spec., 22 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 1 spec., 13 Jul 2009, 6 spec., 22 Jul 2009, 4 spec.

Xestia baja (Dennis & Schiffermüller, 1775). **3**: 21 Aug 2008, 1 spec.; **4**: 21 Aug 2008, 3 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 28 Jul 2008, 6 spec.; **14**: 22 Jul 2009, 2 spec.; **15**: 22 Jul 2009, 10 spec.; **18**: 22 Jul 2009, 1 spec.

Xestia rhomboidea (Esper, 1790). **4**: 28 Jul 2008, 1 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavlíčko et E. Lehečka leg.; **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 2 spec., 22 Jul 2009, 3 spec.; **25**: 2005 (ČERNÝ 2005).

Xestia collina (Boisduval, 1840). **14**: 4 Jul 2009, 1 spec.

Xestia sexstrigata (Haworth, 1809). **3**: 21 Aug 2008, 2 spec.; **4**: 21 Aug 2008, 3 spec.; **8**: 21 Aug 2008, 4 spec.

Cerastis rubricosa (Dennis & Schiffermüller, 1775). **1**: 27 Apr 2007, 1 spec., A. Pavlíčko leg.

Agrotis ipsilon (Hufnagel, 1766). **13**: 21 Aug 2008, 1 spec.

Agrotis exclamationis (Linnaeus, 1758). **4**: 25 Jun 2008, 7 spec.; **7**: 25 Jun 2008, 11 spec.; **8**: 10 Jun 2008, 1 spec.

Agrotis segetum (Dennis & Schiffermüller, 1775). **4**: 29 May 2008, 1 spec.

Pantheidae

Panthea coenobita (Esper, 1785). **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 13 Jul 2009, 1 spec.; **15**: 13 Jul 2009, 1 spec.

Colocasia coryli (Linnaeus, 1758). **1**: 27 Apr 2007, 1 spec., A. Pavličko leg.; **4**: 29 May 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 13 spec.; **14**: 8 Jun 2009, 42 spec., 4 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 6 spec., 4 Jul 2009, 3 spec., 13 Jul 2009, 4 spec.; **19**: 8 Jun 2009, 4 spec.; **25**: 2005 (ČERNÝ 2005).

Lymantriidae

Calliteara pudibunda (Linnaeus, 1758). **4**: 25 Jun 2008, 2 spec.; **13**: 25 Jun 2008, 3 spec.; **14**: 8 Jun 2009, 9 spec.; **15**: 8 Jun 2009, 5 spec.; **19**: 8 Jun 2009, 12 spec.; **25**: 2005 (ČERNÝ 2005).

Leucoma salicis (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.; **12**: 20 Jun 2000, 1 spec.

Arctornis l-nigrum (Müller, 1764). **13**: 28 Jul 2008, 1 spec.

Lymantria monacha (Linnaeus, 1758). **12**: 25 Aug 2005, A. Pavličko et E. Lehečka leg.; **13**: 21 Aug 2008, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Nolidae

Nola confusalis (Herrich-Schäffer, 1847). **13**: 29 May 2008, 1 spec.

Pseudoips prasinanus (Linnaeus, 1758). **12**: 20 Jun 2000, 1 spec.; **14**: 8 Jun 2009, 2 spec., 13 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 2 spec.; **25**: 2005 (ČERNÝ 2005).

Arctiidae

Thumatha senex (Hübner, 1808). **4**: 28 Jul 2008, 1 spec.; **6**: 25 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 11–30 spec.; **12**: 20 Jun 2000, 1 spec.

Cybosia mesomella (Linnaeus, 1758). **4**: 25 Jun 2008, 5 spec.; **6**: 10 Jun 2008, 1 spec.; **8**: 13 Jul 2009, 5–10 spec.; **12**: 20 Jun 2000, 1 spec.; **14**: 22 Jul 2009, 1 spec.; **18**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.

Atolmis rubricollis (Linnaeus, 1758). **4**: 25 Jun 2008, 14 spec.; **6**: 25 Jun 2008, 8 spec.; **7**: 25 Jun 2008, 2 spec.; **8**: 13 Jul 2009, 2 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 12 spec.; **17**: 14 Jul 2009, 1 spec.; **26**: 15 Jul 2005, 1 spec., I. Solovka leg.

Eilema sororculum (Hufnagel, 1766). **4**: 29 May 2008, 1 spec.; **13**: 29 May 2008, 1 spec.; **14**: 8 Jun 2009, 1 spec.; **15**: 8 Jun 2009, 1 spec.; **19**: 8 Jun 2009, 1 spec.

Eilema lutarellum (Linnaeus, 1758). **8**: 28 Jul 2008, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Eilema complanum (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.

Eilema lurideolum (Zincken, 1817). **4**: 28 Jul 2008, 4 spec.; **8**: 13 Jul 2009, 1 spec.; **13**: 28 Jul 2008, 3 spec.; **14**: 13 Jul 2009, 4 spec., 22 Jul 2009, 9 spec.; **15**: 4 Jul 2009, 2 spec., 13 Jul 2009, 9 spec., 22 Jul 2009, 12 spec.; **18**: 22 Jul 2009, 15 spec.; **17**: 14 Jul 2009, 5–10 spec.; **19**: 4 Jul 2009, 12 spec.; **25**: 2005 (ČERNÝ 2005).

Eilema depressum (Esper, 1787). **4**: 28 Jul 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec.; **13**: 28 Jul 2008, 36 spec.; **14**: 22 Jul 2009, 77 spec.; **15**: 22 Jul 2009, 63 spec.; **18**: 22 Jul 2009, 109 spec.; **25**: 2005 (ČERNÝ 2005).

Parasemia plantaginis (Linnaeus, 1758). **4**: 29 May 2008, 1 spec.; **25**: 2005 (ČERNÝ 2005).

Spilosoma lubricipeda (Linnaeus, 1758). **4**: 25 Jun 2008, 4 spec.; **6**: 25 Jun 2008, 2 spec.; **7**: 25 Jun 2008, 1 spec.; **8**: 10 Jun 2008, 3 spec.; **12**: 20 Jun 2000, 1 spec.; **13**: 25 Jun 2008, 1 spec.; **14**: 8 Jun 2009, 8 spec., 4 Jul 2009, 2 spec., 13 Jul 2009, 1 spec.; **15**: 8 Jun 2009, 12 spec., 4 Jul 2009, 3 spec., 13 Jul 2009, 2 spec.; **19**: 8 Jun 2009, 10 spec.

Spilosoma luteum (Hufnagel, 1766). **4**: 25 Jun 2008, 1 spec.; **14**: 4 Jul 2009, 1 spec., 13 Jul 2009, 1 spec.; **15**: 4 Jul 2009, 3 spec.; **19**: 8 Jun 2009, 1 spec. 4 Jul 2009, 1 spec.

Diaphora mendica (Clerck, 1759). **1**: 29 May 2008, 1 spec.; **4**: 29 May 2008, 2 spec.; **19**: 8 Jun 2009, 2 spec.

Phragmatobia fuliginosa (Linnaeus, 1758). **3**: 21 Aug 2008, 1 spec.; **4**: 28 Jul 2008, 3 spec.; **6**: 25 Jun 2008, 1 spec.; **8**: 28 Jul 2008, 1 spec., 13 Jul 2009, 1 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.; **13**: 28 Jul 2008, 1 spec.; **14**: 22 Jul 2009, 4 spec.; **15**: 22 Jul 2009, 1 spec.; **17**: 14 Jul 2009, 1 spec.; **19**: 8 Jun 2009, 2 spec.

Arctia caja (Linnaeus, 1758). **4**: 21 Aug 2008, 3 spec.; **6**: 21 Aug 2008, 1 spec.; **8**: 13 Jul 2009, 1 spec.; **12**: 25 Aug 2005, 1 spec., A. Pavličko et E. Lehečka leg.; **13**: 28 Jul 2008, 5 spec.; **14**: 22 Jul 2009, 2 spec.; **15**: 22 Jul 2009, 4 spec.; **18**: 22 Jul 2009, 1 spec.

Diacrisia sannio (Linnaeus, 1758). **4**: 28 Jul 2008, 1 spec.; **6**: 25 Jun 2008, 5 spec.; **7**: 25 Jun 2008, 5 spec.;

8: 13 Jul 2009, 1 spec.; **12:** 20 Jun 2000, 1 spec.; **13:** 28 Jul 2008, 1 spec.; **14:** 4 Jul 2009, 1 spec.; **18:** 22 Jul 2009, 1 spec.; **19:** 4 Jul 2009, 6 spec.
Callimorpha dominula (Linnaeus, 1758). **13:** 25 Jun 2008, 1 spec.; **15:** 22 Jul 2009, 5 spec.