
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 287

Lepidoptera:**Nepticulidae**

Stigmella nivenburgensis (Preissecker, 1942). Bohemia centr., Praha – Motol (5952), 25.x.2008, 7 empty mines on leaves of *Salix alba* near the spring of the Motolský potok Creek, J. Vávra lgt., det. et coll. Known from central and southern Europe, western and Central Asia, recorded from all neighbouring countries (Laštůvka & Laštůvka 1997, Pröse & Segerer 1999). In the Czech Republic recorded in several localities in Moravia (Laštůvka & Laštůvka 1991). Larvae live on *Salix alba*, *S. babylonica*, and *S. triandra*, making characteristic narrow mines; at least two generations. New species for Bohemia.

Tineidae

Stenoptinea cyaneimarmorella (Millière, 1854). Bohemia bor., Oleško (5551), 150 m a.s.l., 29.vii.2008, 1 spec.; Bohemia centr., Srbsko (6050), 16.viii.1993, 1 ♂, Svatý Jan pod Skalou (6050), 22.vi.1994, 2 ♂♂, Praha – Dalejské údolí Valley (5951), 15.vii.1994, 1 ♀, Radotín – Cikánka (6051), 13.vi.1997, 1 ♀, 6.viii.1999, 1 ♀, all J. Liška lgt., det. et coll.; Moravia mer., Kladeruby nad Oslavou, Údolí Oslavy a Chvojnice Nature Reserve, Vlčí kopeček Hill (6863), 1.viii.2004, 1 spec., 22.vi.2005, 1 spec.; National park Podyjí, Čížov – Hardeggská vyhlídka Slope (7161), 27.vii.2006, 1 spec., Protected Landscape Area Pálava, Pavlov, Děvín-Kotel-Soutěska National Nature Reserve, Soutěska (7165), 23.vi.2005, 1 spec., Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 16.vii.2004, 1 spec., 17.vii.2007, 1 spec., all J. Šumpich lgt., det. et coll. Known from all neighbouring countries (Gaedike 2007b), in the Czech Republic only old records are published, from Lednice in southern Moravia (Zimmermann 1923) and from central Bohemia (Soldát 1983, Vávra 2004). Confirmed occurrence in the Czech Republic.

Elatobia fuliginosella (Lienig et Zeller, 1846). Bohemia bor., Oleško (5551), 150 m a.s.l., 26.v.2008, 1 spec., 9.vi.2008, 3 spec., 23.vi.2008, 1 spec., 1.vii.2008, 1 spec., 18.vii.2008, 1 spec., 29.vii.2008, 1 spec. (not sexed), all J. Šumpich lgt., det. et coll.; Moravia mer., Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 160 m a.s.l., 26.vi.2001, 1 spec., 28.vi.2006, 1 spec., J. Šumpich lgt., det. et coll., 26.vi.2001, 2 ♂♂, J. Liška lgt., det. et coll., National Park Podyjí, Havraníky (7162), 7.viii.2007, 1 spec., Bzenec (7069), 2.ix.2006, 1 spec., 15.ix.2006, 1 spec., Lednice (7166), 13.vi.2007, 1 spec., all J. Sitek lgt., det. et coll. Although this species has been recorded from many European countries (Gaedike 2007b), it is very local and rare in the whole territory. In the Czech Republic it was recorded for the first time in Pánov near Hodonín in Moravia (Elsner et al. 1998, Liška et al. 2000). The ecological requirements of this species are insufficiently known. Larvae live in the bark of *Pinus* spp., later inhabiting insect holes, particularly those of sawfly species (Hymenoptera, Symphyta), where it feeds on the brittle wood (Petersen 1969). The frequent records in dry sand pine

forests near Oleško and Lanžhot indicate its affinity to this habitat. It also seems the species is rather thermophilous. All records originate from lowland sites of the warmest areas of the Czech Republic. New species for Bohemia.

Matratinea rufulicaput Sziráki et Szöcz, 1990. Moravia mer., National Park Podyjí, Podmolí, Šobes (7161), 400 m a.s.l., 17.vii.2007, 3 ♂♂, 2 ♀♀, J. Šumpich lgt. et coll., 1 ♀ J. Liška lgt. et coll. and all det., 27.vii.2008, 1 ♂, J. Šumpich lgt., det. et coll., 12.viii.2008, 1 ♂, J. Liška lgt., det. et coll., Havraníky, Nad Papírnou (7161), 350 m a.s.l., 29.vi.2008, 1 ♂, 6.vii.2008, 1 ♂, 2 ♀♀, J. Sitek lgt., det. et coll. Recently described species, hitherto known only from the type locality in the Hungarian Matra Mts. (Sziráki 1990). The type material was collected using pheromone traps, and for this reason only male specimens were described. Bionomics is unknown, but adults have been found repeatedly in July and August (Sziráki & Scöcz in Sziráki 1990). The authors mention the altitude of the type locality (300 m a.s.l.), but not the habitat. We collected adults attracted to a fluorescent lamp placed near small rocks. On some occasions the moths were collected using a hand net in the early evening, but subsequent light-collecting at the same place was unsuccessful. The adults are probably not strongly attracted to light. New species for the Czech Republic.

Gracillariidae

Caloptilia honoratella (Rebel, 1914). Moravia mer., National Park Podyjí, Podmolí, Šobes (7161), 400 m a.s.l., 10.ix.2008, 2 ♂♂, 1 ♀, J. Liška lgt., det. et coll. Generally insufficiently known, even the host plant unknown; in Central Europe, reported only from Austria and Hungary (de Prins & de Prins 2005). New species for the Czech Republic.

Yponomeutidae

Zelleria hepariella Stainton, 1849. Bohemia bor., Brniště env., Tlustec Hill (5254), 16.vii.2007, 1 spec., Oleško (5551), 150 m a.s.l., 29.vii.2008, 1 spec., J. Šumpich lgt., det. et coll.; Bohemia centr., Křivoklátsko, Broumy – Úpoř (6048), 16.iv.2007, 2 ♂♂, Radotín – Cikánka (6051), 4.iv.2007, 1 ♀, 31.iii.2008, 1 ♀, Vrané nad Vltavou – Jarov (6052), 31.iii.2007, 1 ♂, J. Liška lgt., det. et coll.; Bohemia mer., Horní Planá distr., Boletice military area, Špičák Hill (7150), 28.vii.2008, 1 spec., J. Šumpich lgt., det. et coll.; Moravia centr., Řimice – Mlýnský vrch Hill (6268), 270 m a.s.l., 11.iv.2008, 1 ♀, at light, J. Sitek lgt., det. et coll. Widely distributed in Europe (Agassiz 2007), recently found also in the Czech Republic, successively in central, northern and southern Bohemia (Šumpich et al. 2006a, Šumpich 2006b). It is evident the species is spreading in Europe, which is demonstrated not only by the first Moravian record, but also by several additional Bohemian records. New species for Moravia.

Oecophoridae

Denisia albimaculea (Haworth, 1828). Bohemia bor., Brniště env., Tlustec Hill (5254), 6.vi.2007, 1 spec., Šumpich lgt. et coll., J. Liška det. Only a few specimens captured by V. Vlach in 1939 were hitherto known from the Czech Republic (Liška et al. 2001). Probably distributed in the western half of Europe, but frequently confused with *D. luctuosella* (Duponchel, 1840), or *D. augustella* (Hübner, 1796), so that all older published data needs verification. In central

Europe confirmed only in Germany and Poland, mostly by older records (Tokár et al. 2005). Confirmed occurrence in the Czech Republic after approximately 70 years.

Elachistidae

Elachista cingillella (Herrich-Schäffer, 1855). Moravia mer., Oleksovice (7063), 17.vii.2007, 1 ♂, J. Šumpich lgt. et coll., J. Liška det. For many years confused with the newly described and externally very similar taxon *E. metella* Kaila, 2002. Central European records of *E. cingillella* are reported from Poland, Hungary, and Austria (Kaila 2007). New species for the Czech Republic.

Coleophoridae

Coleophora filaginella Fuchs, 1881. Bohemia bor., Brniště env., Tlustec Hill (5254), 6.vi.2007, 1 ♂, J. Šumpich lgt. et coll., J. Liška det.; Moravia mer., Bzenec – Přívoz (7069), 26.v.2008, 1 ♂, J. Liška lgt., det. et coll. Rare species, in central Europe so far known only from Germany (Baldizzone & van der Wolf 2007). New species for the Czech Republic.

Coleophora fuscicornis Zeller, 1847. Moravia mer., Brno – Hády (6765), 16.vi.1989, 1 ♂, J. Liška lgt., det. et coll. Known mainly from western and southern parts of Europe, namely from Portugal, Spain, Great Britain, France, Italy, Macedonia, and Greece (Baldizzone & van der Wolf 2007). New species for the Czech Republic and central Europe.

Blastobasidae

Blastobasis huemeri Sinev, 1993. Bohemia or., Kunětice env., Kunětická hora Hill (5960), 14.viii.2008, 1 spec., M. Mikát lgt. et coll., Dobruška – Pulice (5662), 7.viii.2008, 1 spec., L. Maršík lgt. et coll., all J. Šumpich det.; Moravia occ., Nová Ves near Moravská Třebová, Pod skalou Natural Monument (6265), 530 m a.s.l., 3.ix.2008, 1 spec., J. Šumpich lgt., det. et coll. Recently spreading species, recorded as new for the Czech Republic, in southern Moravia, in 2003 (Liška et al. 2005). In subsequent years it was found in many other Moravian localities (Šumpich 2007). Its gradual northwestern spread is demonstrated by the first Bohemian records, and by records, also in 2008, at the Bohemian-Moravian border. New species for Bohemia.

Gelechiidae

Metzneria santolinella (Amsel, 1936). Moravia mer., Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 160 m a.s.l., 4.v.2007, 1 ♀ (genitalia examined), J. Šumpich lgt., det. et coll. Widely distributed in northern, rare and local in central Europe, but with occasional records from all neighbouring countries (Elsner et al. 1999). In the Czech Republic recorded for the first time in western Bohemia in 1992 (Liška et al. 2001). New species for Moravia.

Gelechia senticetella (Staudinger, 1859). Bohemia centr., Český kras, Srbsko (6050), 28.vi.2008, 2 ♂, J. Skyva lgt., J. Liška et J. Skyva det. et coll.; Praha – Barrandov (5952), 1.vii.2008, 1 ♂, 15.VII.2008, 1 ♂, both at light at the edge of a gardens area with cultivars of

Juniperus communis, lgt., det. et coll. J. Vávra. Distributed from France and the Netherlands across continental Europe to the Crimean Peninsula and to North Africa (Elsner et al. 1999). In central Europe known from isolated localities in Switzerland, Germany, Austria, Slovakia, Slovenia and Hungary (Karsholt 2007b). The recent spread in western and central Europe seems to be connected with the import of planted stock of juniper (*Juniperus communis*) and its cultivars. New species for the Czech Republic.

Gelechia rhombelliformis Staudinger, 1871. Moravia mer., Brno – Hády (6766), 5.viii.2002, 1 ♂, Z. Laštůvka lgt., det. et coll., Dolní Morava Biosphere Reserve, Lednice env. (7367), 26.viii.1989, 2 spec., J. Skyva lgt. et coll., J. Liška det. Distributed in all neighbouring countries (Karsholt 2007b), in the Czech Republic known from several localities in Bohemia (Laštůvka et al. 1994, Elsner et al. 1999); published from Moravia without faunistic details by Laštůvka (1994), and by Laštůvka & Marek (2002). First precise faunistic data from Moravia.

Caryocolum klosi (Rebel, 1917). Bohemia mer., National Park Šumava (Bohemian Forest Region), Smrčina – the first zone of the nature conservation (7249), climax stage of the montane *Athyrium* spruce forests, 1240 m a.s.l., 13.vii.2006, 2 spec., 19.vii.2006, 3 spec., all J. Šumpich lgt., det. et coll., Novohradské hory Mts., Žofínský prales Nature Reserve (7354), 12.vii.2008, 3 ♂♂, 2 ♀♀, J. Liška lgt., det. et coll. Very rare and insufficiently known species, described from Austria and later recorded in France, Germany, Romania (Huemer 1988), and recently also in the Czech Republic (Novák & Liška 1997). The Czech record is based on a single specimen only, collected by Z. Tokár in southern Bohemia in 1984, thus we provide additional faunistic data from this territory. Confirmed occurrence in the Czech Republic.

Cosmardia moritzella (Treitschke, 1835). Bohemia bor., Oleško (5551), 150 m a.s.l., 26.v.2008, 1 spec., 9.vi.2008, 3 spec., 23.vi.2008, 1 spec., 31.viii.2008, 1 spec., J. Šumpich lgt., det. et coll., Litoměřice, Radobýl Nature Reserve (5450), 3.vi.2005, 1 spec., Církvice (5450), 150 a.s.l., 7.ix.2001, 1 spec., 3.vii.2004, 1 spec., 16.vi.2007, 1 spec., Raná env., Oblík National Nature Reserve (5548), 450 m a.s.l., 3.vi.2005, 1 spec., all M. Žemlička lgt., det. et coll., Raná env., Raná National Nature Reserve (5548), 22.viii.1997, 1 spec., J. Skyva lgt., det. et coll.; Bohemia centr., Slaný env., Studenčevs (5750), 29.v.1974, 1 spec., 1.vi.1974, 1 spec., J. Skyva lgt., det. et coll., Radotín – Cikánka (6051), 5.iii.1994, 1 ♂, Vonoklasy – Krásná stráň (6051), 30.iv.1998, 1 ♂, both J. Liška lgt., det. et coll.; Moravia mer., Kladeruby nad Oslavou, Údolí Oslavy a Chvojnice Nature Reserve, Vlčí kopec Hill (6863), 400 m a.s.l., 10.vi.2004, 1 spec., National Park Podyjí, Hnanice (7261), 270 m a.s.l., 2.v.2007, 1 spec., Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 160 m a.s.l., 12.vi.2005, 1 spec., all J. Šumpich lgt., det. et coll., Kobylí – Kuntínov (7066), 200 m a.s.l., 15.x.1992, 1 spec., J. Liška lgt. et det., coll. J. Šumpich, Valtice – Boří Dvůr (7266), 16.v.2008, 1 ♂, A. & Z. Laštůvka lgt., G. Elsner det. et coll. Widely distributed in Europe (Karsholt 2007b), but with very few records from the Czech Republic – in Bohemia published from Třešňovka near Davle (Pipek 1985), from Praha and Louny (Elsner et al. 1999), and in Moravia from Mikulov (Laštůvka 1994), here without exact data. In view of the lack of published faunistic data we here assemble all available records from Bohemia. Confirmed occurrence in the Czech Republic.

Helcystogramma albinervis (Gerasimov, 1929). Moravia mer., Perná (7165), 10.vi.1995, 1 ♂, O. Jakeš lgt., det. et coll., J. Liška revid. Known records of this species indicate rather eastern European pattern of its distribution. In central Europe known only from Poland, Slovakia and Hungary (Karsholt 2007b). New species for the Czech Republic.

Cossidae

Dysspessa ulula (Borkhausen, 1790). Bohemia centr., Petrovice – Kozince (6253), 30.v.2008, 1 ♂, V. Feik lgt., det. et coll. Thermophilous species distributed in central and southern Europe (Karsholt 2007a), in the Czech Republic above all in southern Moravia. Its occurrence in Bohemia was mentioned by Sterneck (1929), and later by Schwarz (1953). Confirmed occurrence in Bohemia.

Tortricidae

Cacoecimorpha pronubana (Hübner, 1799). Moravia mer., Brno-Bystrc (6765), 19.ix.2008, numerous larvae on planted stock of *Cotoneaster congestus*, *C. skogholm*, *Lonicera nitida*, and *Euonymus fortunei* in the greenhouse of a garden centre, 22.ix.-2.xii.2008, 3 ♂♂, 2 ♀♀ ex larva, E. Bártová lgt., J. Marek det. et coll. Widespread in southern Europe from Portugal to Greece and across Asia Minor to Iraq and Iran, and in North Africa; in central Europe autochthonous, probably only in Switzerland, in several western European countries (Great Britain and Ireland, Belgium, Luxembourg, The Netherlands, SW Germany) considered as alien naturalized species, and accidentally introduced with ornamental plants into other western and central European countries as Denmark, Poland, Hungary, and Lithuania; introduced to North America and southern Africa (Razowski 2001, Aarvik 2007, Ostrauskas et al. 2008). Larva broadly polyphagous on numerous herbaceous and woody plants, known as a pest of ornamental plants. Probably introduced with ornamental plants from southern Europe. New adventive species for the Czech Republic with indoor occurrence.

Eucosma lugubrana (Treitschke, 1830). Moravia mer., Ratiškovice (7069), 26.vi.1988, 1 ♀, O. Jakeš lgt., det. et coll., J. Liška revid. Species with scattered distribution, hitherto known from France, Italy, Macedonia, Greece, Kazakhstan, and in central Europe only from Austria, Slovakia and Hungary (Razowski 2003, Aarvik 2007). Described from Hungary, and most central European records come from there. Caterpillars live in *Allium* spp. (frequently in *Cnkkwo"lcxwo*). New species for the Czech Republic.

Epiblema similana (Denis et Schiffermüller, 1775). Bohemia bor., Louny-Raná (5548), 18.v.1997, 1 ♂, 4.v.2004, 1 ♀, J. Liška lgt., det. et coll., Církvice (5450), 1.v.2004, 2 ♂, J. Liška lgt., det. et coll., 28.iv.2007, 2 spec., 5.v.2007, 1 spec., M. Žemlička lgt., det. et coll., J. Liška & J. Šumpich revid. Thermophilous species, in the Czech Republic very local, more frequent in southern Moravia (Skala 1912-1913, Elsner et al. 1997, Laštůvka & Marek 2002). Only very old records are mentioned by Sterneck & Zimmermann (1933) from Bohemia. Confirmed occurrence in Bohemia.

Cydia conicolana (Heylaerts, 1874). Bohemia bor., Oleško (5551), 150 m a.s.l., 9.vi.2008, 1 ♂ (genitalia examined), J. Šumpich lgt., det. et coll. Widely distributed in Europe (Aarvik 2007), but with few records from the Czech Republic. Nickerl (1906) gives only one record from Bohemia in 1893, without precise locality or other faunistic details. Later Vlach (1931) published his record from Plzeň [Pilsen], which Sterneck & Zimmermann (1933) corrected to *Pammene ochsenheimeriana* (Lienig et Zeller, 1846). Janovský & Gottwald (1984) published the first Moravian record, from Moravský Písek; the second record comes from Bzenec (Elsner et al. 1997). The species is associated with dry pine forests, its caterpillar developing on seeds of pine cones (*Rkpwu"u{ngxwtku* and *P. nigra*, Razowski (2001)). Confirmed occurrence in Bohemia after more than 100 years, and first faunistic details.

Grapholita delineana Walker, 1863. Moravia mer., Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 160 m a.s.l., 8.ix.2008, 1 spec., J. Šumpich lgt., det. et coll. A very rare species in central Europe, occurring particularly in southern territories, but known from all neighbouring countries (Aarvik 2007). Hitherto only one specimen was captured in the Czech Republic, near Znojmo in 1971 (Elsner & Elsner 1985). Confirmed occurrence in the Czech Republic.

Epermeniidae

Epermenia petrusella (Heylaerts, 1883). Moravia mer., Protected Landscape Area Pálava, Tabulová hora Hill (7165), 26.viii.1989, 1 ♂, J. Skyva lgt. et coll., J. Liška det., Brno – Hády (6766), 9.vi.2000, 1 ♀, J. Marek lgt., det. et coll. (both genitalia examined). Known very locally from central Europe, otherwise from France, Croatia, Greece, and Russia (Gaedike 2007a). Only two references to its occurrence in the Czech Republic were published by Laštůvka (1994), and Laštůvka & Marek (2002), but both without faunistic details. First precise faunistic data from the Czech Republic.

Pyralidae

Pempelia formosa (Haworth, 1811). Bohemia mer., České Velenice (7255), 21.v.1988, 1 ♂, Oslov u Písku (65-6651), 9.vi.1989, 1 ♀, both J. Liška lgt., det. et coll.; Bohemia bor., Bělá pod Bezdězem (5554), 300 m a.s.l., 31.v.2008, 8 spec., I. Dvořák lgt., det. et coll.; Moravia occ., Nová Ves near Moravská Třebová, Pod skalou Nature Monument (6265), 530 m a.s.l., J. Šumpich lgt., det. et coll. Widespread in Europe including all neighbouring countries (Nuss et al. 2007), but old and scattered records known from the Czech Republic. In Bohemia reported by Soffner (1930) from Sušice, and by Sterneček & Zimmermann (1933) from Praha – Krč and Točná. Similarly, only one old record available from Moravia, Popice near Znojmo from 1972 (Elsner & Elsner 1985). Confirmed occurrence in the Czech Republic.

Crambidae

Catoptria fulgidella (Hübner, 1813). Moravia mer., Břeclav – Poštorná (7267), 16.vii.1974, 1 ♂, O. Jakeš lgt., det. et coll., J. Liška revid. Known from all neighbouring countries (Nuss et al. 2007). In the Czech Republic recorded repeatedly in central Bohemia (Troníček 1955, Vávra et al. 2001). New species for Moravia.

Pyrausta ostrinalis (Hübner, 1796). Bohemia bor., Oleško (5551), 150 m a.s.l., 6.v.2008, 1 ♂, J. Liška lgt., det. et coll., 18.vii.2008, 13 spec., J. Šumpich lgt., det. et coll., 29.vii.2008, 5–10 spec., J. Šumpich observ. Known from many European, including all neighbouring countries (Nuss et al. 2007). In the Czech Republic frequently reported from Moravia (Skala 1912-1913, 1931, Elsner et al. 1997, Laštůvka & Marek 2002). Only old records available from Bohemia (Sterneck & Zimmermann 1933, Hrubý 1959). Species associated with open habitats, frequent and abundant in the open sand habitat with dominant *Corynephorus canescens* near Oleško, but not recorded in suitable surrounding areas in spite of intensive searching. This is very probably due to the high psammophily of this species. Confirmed occurrence in Bohemia.

Geometridae

Hypoxystis pluviaria (Fabricius, 1787). Moravia centr., Vyškov, military area, southern part (6667), 1.v.2009, 1 ♀, A. Čelechovský lgt., det. et coll. Species known locally from all central European countries (Hausmann et al. 2007), but in several regions there are no modern records (cf. Gaedike & Heinicke 1999 or Buszko & Nowacki 2000). In the Czech Republic, it is known from only one record from Ferdinandsko near Vyškov, where the lepidopterologist Stolička collected two specimens in 1917 (Skala 1923). This old locality is surprisingly near to the 2009 site. Confirmed occurrence in the Czech Republic after 92 years.

Scopula caricaria (Reutti, 1853). Moravia mer., Hrabětice (7264), 7.viii.2008, 1 ♀, P. Vitek lgt., det. et coll., J. Marek revid. Species with very local occurrence on hygrophilous meadows and wetlands in all neighbouring countries (Hausmann 2004), in the Czech Republic known from one unrepeated and undocumented record from Moravia, Fulnek from 1914 (Skala 1923). As a result of the very rapid decrease in wetland habitats, the species disappeared from many former localities throughout its distributional range. First documented record from the Czech Republic.

Idaea laevigata (Scopoli, 1763). Bohemia bor., Oleško (5551), 150 m a.s.l., 23.vi.2008, 1 spec., J. Šumpich lgt., det. et coll. Distributed in southern half of Europe and in North Africa, but very rare throughout its range (Hausmann 2004). In the Czech Republic mainly known from older records, suggesting a marked decrease in this species. While Sterneck (1929) mentions Praha, Nový Knín, Česká Skalice, Hradec Králové, Chrudim, and Velký Osek as Bohemian localities, the later records are always more sporadic. Hrubý (1959) gives Lužánky near Dvůr Králové (captured in 1953), Krušek & Soldát (1980) Srbsko (captured in 1958), Rotter & Kačirek (1993) Kvasiny (captured in 1971), and Číla & Skyva (1993) Praha (captured in 1983). In Moravia known by Skala (1912-1913) from Mikulov and by Konvička (1999) from Slavonín (the specimen captured by M. Kudla in the first half of the 20th century). The decrease of this species is also shown by its extinction in Bavaria (Wolf & Hacker 2004) and in Poland (Buszko & Nowacki 2000). First record of this species from northern Bohemia and confirmed occurrence in the Czech Republic after many years.

Idaea obsoletaria (Rambur, 1833). Lanžhot env., Soutok (7367), 160 m a.s.l., 26.viii.2007, 1 spec., J. Šumpich lgt., det. et coll. Southern European species, known in neighbouring countries, sporadic in Lower Austria, southern and eastern Slovakia, and Hungary (Krampl 1984, Hausmann 2004). In the Czech Republic formerly known from one specimen captured near Popice in National Park Podyjí in 1988 (Jordán & Vitek 1990, Bengtsson et al. 1991). Second record and confirmed occurrence in the Czech Republic.

Noctuidae

Trichoplusia ni (Hübner, 1803). Moravia centr., Luková u Přerova (6570), 9.vi. 2008, 1 ♂, 25.viii.2008, 1 ♂, in the light trap of the State Phytosanitary Administration, O. Jakeš and V. Hula det. et coll. Cosmopolitan species, as very rare migrant known also from many central and several northern European countries (Fibiger & Skule 2007a). In the Czech Republic given by Sterneck (1929) from Brdy hills and by Šumpich et al. (2006b) from Strojetic, both in Bohemia, but only by Wawerka (1911) from the Ostrava surroundings in Moravia. Confirmed occurrence in Moravia after 100 years.

Diachrysis zosimi (Hübner, 1822). Moravia mer., Mohelno, Mohelenská hadcová step National Nature Reserve (6863), 19.viii.2004, 1 spec., I. Dvořák lgt., det. et coll., Lednice (7166), 5.viii.1954, 1 spec., F. Vávra lgt. et det., M. Dvořák coll., Lanžhot env., Soutok area, Polínka (7367), 160 m a.s.l., 27.v.2008, 1 spec., J. Šumpich lgt., det. et coll. Known locally from central and eastern Europe, from Fennoscandia, southern Alps and northern Balkans (Goater et al. 2003). In the Czech Republic several records were published between the 1950's and 1970's. Moucha & Šmelhaus (1956) mention the first two records (by Krušek from Lednice 1953, and by Kudla from Olomouc from the same year), and discuss a probable expansion of this species from south-eastern Europe. The occurrence in the surroundings of Olomouc was noted also by Konvička (1999), the last record from this region is from 1959 (Kudla's collection in Vlastivědné muzeum of Olomouc). The next localities were concentrated in southeastern Moravia, namely Uherské Hradiště (1952, 1956), Lidéřovice (1956), Hodonín (1966, 1970), and Moravský Písek (1972) (Králíček et al. 1970, Elsner & Titz 1976, Králíček & Gottwald 1985). Later the species was considered to have disappeared. Confirmed occurrence (or new expansion) in the Czech Republic.

Eublemma parvum (Hübner, 1808). Bohemia bor., Církvice (5450), 150 m a.s.l., 31.v.2008, 1 spec., M. Žemlička lgt., det. et coll., J. Šumpich revid.; Bohemia centr., Praha-Bohnice, Zámky (5852), 17.vi.2008, 2 spec., B. Vodrlind et T. Dobrovský lgt., det. et coll. Thermophilous species, recorded in the Czech Republic only by Jakeš & Marek (1975) in Čejkovice 1972, by M. Hluchý (Laštůvka 1994) in Mikulov during the 1980's, and by Vitek (1998) in the National Park Podyjí, all in southern Moravia. Also a very local species in neighbouring countries, unknown in Poland (cf. Buzsko & Nowacki 2000). New species for Bohemia.

Heliothis nubigera Herrich-Schäffer, 1851. Bohemia mer., Sezimovo Ústí (6654), 7.viii.2007, 1 ♂ at light, V. Feik lgt. et coll., J. Skyva det. Distributed in the Mediterranean, North Africa, and southern Asia, known as a very rare migrant from all neighbouring countries (Fibiger & Skule 2007a). First record of this migratory species in the Czech Republic.

Noctua interjecta Hübner, 1803. Bohemia or., Vojnův Městec env., Suché kopce Natural Monument (6361), 26.vii.2008, 1 spec., J. Šumpich lgt., det. et coll.; Moravia bor., Šumperk -Temenice (6067), vii.2008, 1 ♂, J. Šafař lgt., det. et coll.; Moravia centr., Luková u Přerova (6570), 7.viii. and 4.viii.2008, 2 ♂♂, in the light trap of the State Phytosanitary Administration, O. Jakeš and V. Hula det. et coll.; Moravia mer., Brno-Hády (6766), 26.vii.2008, 1 ♂, J. Marek lgt., det. et coll.; Moravia or., Březolupy (6871), 28.vii.2008, 1 ♂, R. Bartas lgt., det. et coll. Widespread in southern and western Europe, and expanding eastwards in northern central Europe in the last 30 years (Fibiger 1993). Recorded for the first time by Beránková & Novák (1986) in westernmost Bohemia in 1984, and collected later in various parts of Bohemia (Krampl & Marek 2003, Mikát et al. 2003, Šumpich 2006a). The distributional boundaries of this species could have shifted repeatedly, because Schneider (1861) gives an, unfortunately undocumented, rare occurrence of *N. interjecta* in the environs of Brno, and Krampl & Marek (2003) provided an old, but documented, record by Růžička from Třebíč in western Moravia from the years 1928-1943 (cf. also Šumpich 2006a). Schawerda (1918, 1919) mentions a record by Bohatschek from Bielsko-Biala (given as Bielitz) in Poland near the Czech border, which we could consider reliable. This last locality was later misinterpreted as Ostrava (because Bohatschek came from there), and given erroneously as the type locality of *Noctua interjecta caliginosa* (Schawerda, 1918) (cf. Fibiger 1993), but this subspecies was really described from western Germany and western Europe (cf. Schawerda 1918). Confirmed occurrence in Moravia and additional evidence of rapid eastward expansion.

Nolidae

Nola cristatula (Hübner, 1793). Bohemia centr., Petrovice – Týnčany (6253), 20.vii.2006, 2 ♂♂, 1 ♀, V. Feik lgt. et det., V. Feik and J. Skyva coll.; Moravia mer., Červený Hrádek (6958), 9.vii.2002, 1 ♂, J. Šumpich lgt., det. et coll. Locally distributed in central, western and southern Europe, known from all neighbouring countries (Fibiger & Skule 2007b). In the Czech Republic very sporadic records available, in Moravia given by Zimmermann (1922) from Lednice, by Gottwald & Bělín (2001) from Radějov in the White Carpathians Mts., and by Laštůvka & Marek (2002) from Brno – Hády. Hitherto only one record known from Bohemia, Čelákovice (Wichra 1965). Confirmed occurrence in Bohemia.

Lymantriidae

Ocneria rubea (Denis et Schiffermüller, 1775). Bohemia centr., Úvaly (as Ouvaly)(5954), 250 m a.s.l., 25.vi.1906, 1 ♂, 25.vi.1920, 1 ♂, [J. Srdínko] lgt., J. Šumpich det., coll. National Museum Praha. The writing on labels is characteristic for Josef Srdínko and the site mentioned was one of his favourite localities (cf. Sterneck 1929). Distributed in the southern half of Europe (Schintlmeister 2007), in the Czech Republic very rare and local in southern Moravia (Skala 1912-1913, Laštůvka 1994, Vítek 1998). Sterneck (1929) mentions two old undocumented records from Bohemia (Cheb and “Bohemia”). Subsequently this species was not listed in the Bohemian checklist of Lepidoptera (cf. Novák & Liška 1997, Laštůvka & Liška 2008). Confirmed historical occurrence in Bohemia.

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