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**FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 361**

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**Lepidoptera:****Psychidae**

*Rebelia surientella* (Bruand, 1858). Moravia mer., Dyjákovičky env., Ječmeniště (7262), 16.vi.2011, 3 ♂♂, 29.vi.2011, 4 ♂♂, J. Liška leg., det. et coll. Thermophilous species, in central Europe known from Germany, Austria, Hungary and Slovenia (Arnschied 2011). New species for the Czech Republic.

*Epichnopterix kovacsi* Sieder, 1955. Moravia mer.: Dubňany-Hodonínská doubrava (7068), 24.iv.2003, 2 ♂♂, Lanžhot-Soutok (7367), 24.iv.2009, 3 ♂♂, 29.iv.2011, 3 ♂♂, 27.iv.2012, 1 ♂, Sedlec-Skalky (7266), 26.iv.2012, all. J. Liška leg., det. et coll.; Břeclav, Pohansko (7267), 28.iv.2012, 6 ♂♂, J. Němý leg., det. et coll. Distributed in central Europe, known also from Bulgaria and Italy; in neighbouring countries recorded only in Austria and Slovakia (Arnschied 2011). In the Czech Republic, only old Moravian records were listed by Vávra et al. (2001). Confirmed occurrence in the Czech Republic after more than 60 years.

**Gracillariidae**

*Caloptilia jurateae* Bengtsson, 2010. Moravia sept.: Bělá pod Pradědem (5869), 14.vii.2012, mines with larvae, vii.2012, 1 ♂, 1 ex l.; Vrbno pod Pradědem (5870), 14.vii.2012, mines with larvae, viii.2011, 1 ♀ ex l., both A. Laštůvka leg., det. et coll. Species described from Sweden and known also from Norway, Finland, Germany and Poland (Bengtsson 2010). Larva mines the leaves of *Acer platanoides*, in contrast with the closely related *C. semifascia* (Haworth, 1828) which prefers *A. campestre* (Bengtsson 2010, A. Laštůvka observ.). New species for the Czech Republic.

*Phyllonorycter hostis* Triberti, 2007. Moravia mer.: Vranovice (7065), 25.x.2006, mines with larvae on *Malus sylvestris*, iv.2007, 1 ♀ ex l., 21.x.2011, mines with larvae on *M. domestica*, iii.2012, 1 ♂ ex l., 28.x.2012, mines with pupae on *M. domestica*, iv.2013, 4 ♂♂, 3 ♀♀ ex l.; Ivaň (7065), 28.x.2012, mines with pupae on *M. domestica*, iv.2013, 8 ♂♂, 6 ♀♀ ex l.; Pouzdřany (7065), 21.x.2011, mines with larvae on *M. domestica*, iii.2012, 1 ♂ ex l.; Mušov (7165), 28.x.2012, mines with larvae on *M. domestica*, iv.2013, 43 ♂♂, 38 ♀♀ ex l.; Milovice (7166), 21.x.2011, mines with larvae on *M. domestica*, iii.2012, 1 ♀ ex l.; Týnec u Hodonína (7268), 21.x.2011, mines with larvae on *M. domestica*, iii.2012, 2 ♂♂, 1 ♀ ex l., 28.x.2012, mines on *M. domestica*, iv.2013, 11 ♂♂, 14 ♀♀ ex l.; Lanžhot (7267), 21.x.2011, mines with larvae on *M. domestica*, iii.2012, 1 ♂, 1 ♀ ex l., 21.x.2011, mines with larvae on *M. sylvestris*, iii.2012, 1 ♂ ex l., all A. Laštůvka leg., det. et coll. Species with insufficiently known distribution, recorded from Sweden, England, Germany, Italy, Serbia, Montenegro

and Macedonia (Triberti 2007, Buszko 2013). It is not clear if the species has spread in Europe and/or it was just overlooked. Larva mines the leaves of *Malus* species and the species has been more abundant than the common *Phyllonorycter blancardella* (Fabricius, 1781) in southern Moravia on several occasions in the last two years (A. Laštůvka observ.). New species for the Czech Republic.

***Phyllocnistis valentinensis*** Hering, 1936. Moravia centr.: Horka nad Moravou (6369), 3.ix.2012, pupae on *Salix babylonica*, ix.2012, 6 ♂♂, 1 ♀ ex p.; Čelechovice na Hané (6468), 29.ix.2012, pupae on *Salix matsudana*, x.2012, 3 ♂♂ ex p.; Hrdibořice (6569), 25.viii.2012, mines on *Salix alba*; Bedihošť (6569), 26.ix.2012, pupae on *Salix alba*, x.2012, 3 ♂♂, 4 ♀♀ ex p.; Tovačov (6569), 25.viii.2012, pupae on *Salix purpurea*, viii.2012, 3 ♂♂, 1 ♀ ex p.; Lobodice (6669), 26.ix.2012, pupae on *Salix alba*, x.2012, 1 ♀ ex p.; Kojetín (6669), 26.ix.2012, pupae on *Salix fragilis*, x.2012, 2 ♂♂, 1 ♀ ex p.; Moravia mer.: Popice u Znojma (7162), 30.viii.2012, mines on *Salix alba*; Mušov (7165), 20.vii.2012, 18.viii.2012, 1.ix.2012, pupae on *Salix alba*, vii.–ix.2012, 11 ♂♂, 14 ♀♀ ex p., 2.vi.2013, pupae on *Salix alba*; Pasohlávky (7165), 18.viii.2012, 28.viii.2012, 30.ix.2012, pupae on *Salix alba* and *S. fragilis*, viii.–ix.2012, 9 ♂♂, 14 ♀♀ ex p.; Dolní Věstonice (7165), 2.viii.2012, pupae on *Salix alba*, viii.2012, 4 ♂♂, 1 ♀ ex p.; Lanžhot (7267), 16.ix.2012, pupae on *Salix alba*, ix.2012, 3 ♂♂, 2 ♀♀ ex p., all A. Laštůvka leg., det. et coll. Species described from Spain (Hering 1936), later recorded from Bulgaria, Greece, Italy, Kazakhstan, Russia (De Prins & De Prins 2005), recently also from Austria (Huemer 2013), Slovakia and from Bohemia – Sezemice near Pardubice (5961) in the Czech Republic (Pastorális et al. 2013) and Croatia (A. Laštůvka, unpublished record). Larva lives in characteristic underside leaf mines on *Salix alba*, *S. babylonica*, *S. fragilis*, *S. matsudana*, *S. purpurea* and several other narrow-leaved *Salix* species (A. Laštůvka observ.). New species for Moravia.

***Phyllocnistis ramulicola*** Langmaid et Corley, 2007. Moravia mer., Mušov (7165), 30.ix.2012, pupae on *Salix viminalis*, x.2012, 1 ♀ ex p., on *Salix melanopsis*, x.2012, 12 ♂♂, 7 ♀♀ ex p. and *Salix pentandra*, x.2012, 1 ♂, 3 ♀♀ ex p., all A. Laštůvka leg., det. et coll. Described from southern England and Portugal (Langmaid & Corley 2007) and subsequently also recorded in Switzerland (SwissLepTeam 2010) and Italy (A. Laštůvka, unpublished record). Larva makes leaf and shoot mines mostly on broad-leaved *Salix* species (Langmaid & Corley 2007), we also found larvae on some narrow-leaved species such as *Salix melanopsis*, *S. pentandra* and *S. alba*. New species for the Czech Republic.

***Phyllocnistis extrematrix*** Martynova, 1955. Moravia centr.: Čelechovice na Hané (6468), 18.viii.2012, 28.viii.2012, 28.ix.2012, pupae, viii.–ix.2012, 2 ♂♂, 2 ♀♀ ex p.; Lobodice (6669), 26.ix.2012, pupae, x.2012, 2 ♀♀ ex p.; Moravia mer.: Pasohlávky (7165), 9.viii.2012, pupae, viii.2012, 1 ♂ ex p.; Mušov (7165), 15.v.2013, pupae, v.2013, 4 ♂♂, 2 ♀♀ ex p., always on *Populus × canadensis*, all A. Laštůvka leg., det. et coll. Species known from Kazakhstan, Romania and Russia (De Prins & De Prins 2005) and Slovakia (A. Laštůvka, unpublished record). Larva mines on *Populus nigra* and related *Populus* species (*P. × canadensis*, *P. balsamifera*), mostly in long mines on the young shoots, with cocoons on the leaf margins (Martynova 1955, A. Laštůvka observ.). New species for the Czech Republic and central Europe.

## Argyresthiidae

*Argyresthia svenssoni* Bengtsson et Johansson, 2012. Bohemia sept., Giant Mts., Jánské Lázně env.: Černá hora Mt. (5360), 8.vii.1995, 2 ♂♂, 11.vi.1997, 3 ♂♂; Liščí hora Mt. (5360), 4.vii.1994, 2 ♂♂, all J. Liška leg., det et coll. Recently described species, known from Sweden, Norway, Italy, Slovakia and possibly also Germany (Bengtsson & Johansson 2012). Some of records listed above were originally published as *Argyresthia amiantella* (Zeller, 1847) (cf. Liška et al. 2001), which is not in fact known from the Czech Republic. In the Giant Mts., the moths were collected in supramontane spruce forests at elevations between 1300–1400 m a.s.l. New species for the Czech Republic.

*Argyresthia aurulentella* Stainton, 1849. Moravia occ., Český Rudolec env., Nový Svět (6957), 3.viii.2011, 6 ♀♀, J. Liška leg., det. et coll. Species associated with *Juniperus communis*, widely distributed throughout Europe (Agassiz 2011). In the Czech Republic, the first records were published by Krampal (1981) from Bohemia. New species for Moravia.

## Glyphipterigidae

*Digitivalva valeriella* (Snellen, 1878). Moravia mer., Lanžhot-Soutok (7367), 5.vii.2011, 1 ♂, 6.vii.2011, 1 ♂, both J. Šumpich leg., 30.vi.2012, 1 ♀, J. Liška leg., det. et coll. Scattered distributed in central, northern and eastern Europe, recorded in France and known from all neighbouring countries (Gaedike & Agassiz 2011). New species for the Czech Republic.

## Ypsolophidae

*Ypsolopha hazariella* (Mann, 1866). Bohemia centr.: Vonoklasy (6051), 23.vi.2013, 1 ♀, J. Liška leg., det. et coll.; Praha-Barrandov (5052), 19.vi.2012, 1 ♀, J. Vávra leg., det. et coll. In Europe, locally known from central and northern Europe, France, and the Balkan Peninsula (Agassiz 2011). In the Czech Republic only recently recorded in southern Moravia (Šumpich et al. 2011). New species for Bohemia.

## Blastobasidae

*Tecmerium perplexum* (Gozmány, 1957). Moravia mer., Bořetice-Zázmoníky (7066), 28.vi.2011, 1 ♀, J. Liška leg., det. et coll. Rare species, distribution in Europe insufficiently known. From central Europe recorded only from Hungary and Slovakia (Sinev 2011). New species for the Czech Republic.

## Coleophoridae

*Coleophora chalcogrammella* Zeller, 1839. Moravia mer., Hodonín-Pánov (7168), 27.vii.2011, 1 ♂, J. Liška leg., det. et coll. Widely distributed in central Europe (Baldizzone & van der Wolf 2011), associated with some species of Caryophyllaceae (e.g. *Stellaria* spp., *Cerastium* spp.) (Razowski 1990). Listed for the Czech Republic by Sterneck & Zimmermann (1933) from Bohemia. New species for Moravia.

## Cosmopterigidae

*Pancalia schwarzeella* (Fabricius, 1798). Bohemia sept., Břvany-Písečný vrch (5548), 11.v.1996, 1 ♂; Moravia mer., Sedlec-Skalky (7266), 26.iv.2012, 2 ♂♂, both J. Liška leg., det. et coll. Widely distributed throughout Europe (Sinev & Koster 2011). So far only old records have been published from the Czech Republic (Sterneck & Zimmermann 1933, Skala 1923–1924). Confirmed occurrence in the Czech Republic after more than 80 years.

## Gelechiidae

*Coleotechnites piceaella* (Kearfott, 1903). Bohemia centr., Vonoklasy (6051), 23.vi.2013, 1 ♂, J. Liška leg., det. et coll. Alien species, originating from North America (Allen 1961). In Europe so far recorded since the 1950s in Great Britain, France, Italy, Austria, Germany, Czech Republic, Slovakia and Hungary (Karsholt 2011). In the Czech Republic recently found in southern Moravia (Šumpich et al. 2007). New species for Bohemia.

*Ephysteris diminutella* (Zeller, 1847). Moravia occ., Kladeruby nad Oslavou, Údolí Oslavy a Chvojnice Nature Reserve, Vlčí kopec (6863), 15.viii.2004, 1 ♀, J. Šumpich leg., det. et coll. In Europe, a species with a scattered distributions, hitherto known only from several countries in western and southern Europe, also recorded from Romania and Russia (Karsholt 2011). The specimen cited above was originally determined and published as *Ephysteris inustella* (Zeller, 1847) with a note that it was probably not conspecific with other specimens from southern Moravia (Pálava hills) (cf. Šumpich et al. 2006). We here correct the determination based on the revision of European Gnorimoschemini recently published by Huemer & Karsholt (2010). New species for the Czech Republic.

*Dichomeris limosellus* (Schläger, 1849). Bohemia bor., Čeřeniště-Babiny (5350), 11.vii.2011, 2 ♂♂, 30.vi.2012, 14 spec. (not sexed), 29.viii.2012, 14 spec. (not sexed), all M. Žemlička leg., det. et coll. Known from most European countries, absent from European islands and in the Iberian Peninsula (Karsholt 2011). In the Czech Republic, it is widely distributed in southern Moravia (e.g. Laštůvka & Marek 2002, Šumpich 2011); only old records are available from Bohemia (Sterneck & Zimmermann 1933). Confirmed occurrence in Bohemia after more than 90 years.

## Tortricidae

*Acleris lacordairana* (Duponchel, 1836). Moravia mer.: Lanžhot-Soutok (7367), 9.vii.2011, 1 ♀, 27.ix.2011, 1 ♀, J. Šumpich leg., det. et coll.; Valtice-Boří Dvůr (7266), 13.vii.2012, 1 ♂, J. Liška leg., det. et coll. Locally distributed in central and eastern Europe, recorded in all neighbouring countries (Aarvik 2011, Pastorális et al. 2013). New species for the Czech Republic.

*Gynnidomorpha minimana* (Caradja, 1916). Moravia mer., Lanžhot-Soutok (7267), 28.viii.2009, 1 ♀, J. Liška leg., det. et coll. Species confined to wet biotopes, associated with *Menyanthes* spp., *Triglochin* spp. and *Pedicularis palustris* (Razowski 2002). In neighbour-

ing countries known from Germany, Poland and Slovakia (Aarvik 2011). New species for the Czech Republic.

***Phalonia udana*** Guenée, 1845. Moravia mer.: Mutěnice-Zbrod (7068), 28.vi.1998, 7 ♂♂; Břeclav env., Lanžhot-Soutok (7367), 28.vi.2006, 2 ♂♂, 27.v.2008, 1 ♂, all J. Šumpich leg., det. et coll. Species status of this taxon was recently revised by Mutanen et al. (2012a) and it was separated from *P. manniana* (Fischer von Röslerstamm, 1839). Based on available data, it is distributed in northern and central Europe, also recorded from China (Mutanen et al. 2012a). In neighbouring countries so far found only in Germany and Slovakia (Mutanen et al. 2012a). New species for the Czech Republic.

***Epinotia cinereana*** Haworth, 1811. Bohemia sept.: Rumburk (5053), 18.viii.1976, 1 ♂, 1 ♀; Postřelná, Tlustec hill (5254), 15.viii.1985, 1 ♂, 1 ♀; Přichovice (5258), 27.vii.1975, 1 ♂, all J. Skyva leg. et coll., G. Elsner det.; Bohemia centr.: Praha-Hlubočepy, Prokopské údolí (valley) (5951), 17.vi.1978, 1 ♂, G. Elsner leg., det. et coll.; Praha-Hostivař (5953), 24.vii.1976, 1 ♂, 1 ♀, 12.vii.1978, 1 ♀, J. Jaroš leg., det. et coll.; Bohemia occ.: Ošelín-Německý mlýn (6243), 24.viii.1991, 1 ♂, J. Liška leg., det. et coll.; Rokycany, the bottom of Kotel hill (6247), 27.vii.1977, 2 ♂♂, 13.vii.1979, 4 ♂♂, 10.viii.1991, 1 ♂, 26.vi.1999, 1 ♂, G. Elsner leg., det. et coll.; Bohemia mer.: Třeboň env., Stará Hlína (6954), 25.vii.2005, 1 ♀; České Budějovice env., Černiš (7052), 26.vi.1986, 1 ♂; Český Krumlov env., Vyšenské kopce (7151), 29.vii.1983, 1 ♂; Kaplice (7253), 5.viii.1978, 1 ♂; Slepíčí hory highlands, Soběnov env., Ševcova hora hill (7253), 30.vii.1981, 1 ♀; Loučovice env., Čertova stěna (7351), 27.vi.1998, 1 ♀, all J. Jaroš leg., det. et coll.; Šalmanovice env., Červené blato (7154), 4.vii.1993, 1 ♂; Kaplice (7253), 28.vii.1990, 1 ♂; Dolní Dvořiště (7352), 25.viii.1990, 1 ♂, all E. Lehečka leg. et coll., J. Jaroš det.; Moravia occ., Střížov, Údolí Brtnice Nature Reserve (6660), 20.vii.1995, 1 ♀, J. Šumpich leg., det. et coll.; Moravia mer., Pavlovské vrchy hills, Perná (7165), 13.vii.1985, 1 ♂, J. Jaroš leg., det. & coll.; Moravia or., Kunovice (6970), 11.vi.1999, 3 ♀♀, J. Liška leg., det. et coll. Razowski (2001, 2003) considered *E. cinereana* a synonym of the well-known *E. nisella* (Clerck, 1759), which is widely distributed throughout Europe. Though Hannemann (1961) listed both species, he did not state any reliable distinguishing characters between them. Kuznetsov (1978) recognized both species and figured adults and male genitalia characters, as did Oku (2004) who added female genitalia line drawings. Based on DNA barcoding, Mutanen et al. (2012b) confirmed *E. cinereana* to be a valid species and provided distinct differential characters in the genitalia of both sexes and the abdominal segment 8 in males. Holarctic species (Mutanen et al. 2012b). New species for the Czech Republic.

***Olethreutes subtilana*** (Falkovitsh, 1959). Bohemia sept.: Děčín env., Sněžník Mt., 600 m a.s.l. (5250), 11.vi.2012, 1 ♂, 13.vi.2012, 1 ♂, 14.vi.2012, 2 ♂♂, 15.vi.2012, 1 ♂, 1 ♀, 16.vi.2012, 1 ♀, 18.vi.2012, 1 ♂, 20.vi.2012, 2 ♂♂, 21.vi.2012, 1 ♂, 2 ♀♀, 23.vi.2012, 1 ♂, 3 ♀♀, 24.vi.2012, 4 ♀♀, 25.vi.2012, 4 ♂♂, 5 ♀♀, 26.vi.2012, 4 ♀♀, 27.vi.2012, 1 ♂, 2 ♀♀, 28.vi.2012, 1 ♂, 29.vi.2012, 6 ♂♂, 4 ♀♀, 30.vi.2012, 2 ♂♂, 2.vii.2012, 1 ♂, 4 ♀♀, 3.vii.2012, 3 ♀♀, 4.vii.2012, 1 ♀, 5.vii.2012, 1 ♂, 3 ♀♀, 8.vii.2012, 1 ♀, 19.vii.2012, 1 ♂, all at light, E. Kula leg., J. Černý det. (genitalia examined) et coll., Z. Laštůvka revid.; Děčín-Horní Oldřichov (5251), 12.vi.2013, more than 30 spec., J. Černý observ. (1 ♂, leg. et coll., genitalia examined); Rumburk (5053), 387 m a.s.l., 31.v.2012, 1 ♀ (genitalia examined), at light, R. Říha leg. et

coll., J. Černý det.; Bohemia mer., Třeboň env., Stará řeka National Nature Reserve (7055), 11.vii.1984, 2 ♀♀, collected at light, 11.vi.2011, 1 ♀, 16.vi.2012, 2 ♀♀, 1.vi.2013, 12 ♂♂, 3 ♀♀, all collected during day time, J. Jaroš leg., det. et coll. Species indistinguishable from *O. arcuella* (Clerck, 1759) in forewing colouration, but distinctly smaller and with conspicuously different genitalia (cf. e.g. Segerer et al. 2010). Described from central Siberia (Falkovitsh 1959), also known from central and northern European Russia (Segerer et al. 2010, Aarvik 2011), in neighbouring countries newly recorded from Germany (Segerer et al. 2010), Austria (Huemer 2011) and Poland (Kubasik et al. 2012). New species for the Czech Republic.

*Dichrorampha gruneriana* (Herrich-Schäffer, 1851). Bohemia sept., Ústí nad Labem-Cirkvice (5450), 31.v.2008, 1 ♂, M. Žemlička leg., det. et coll., J. Šumpich revid. Local species known from France to Ukraine and in the Balkans (Aarvik 2011). In the Czech Republic recently recorded in southern Moravia (Šumpich et al. 2011), and only old records available from Bohemia (Sterneck & Zimmermann 1933). Confirmed occurrence in Bohemia after more than 80 years.

### Epermeniidae

*Epermenia profugella* (Stainton, 1856). Moravia occ., Český Rudolec env., Nový Svět (6957), 3.viii.2011, 1 ♀, J. Liška leg., det. et coll. The species occurs mainly at high altitudes, trophically associated with many genera of Apiaceae. In Europe, it was recorded in central, northern and eastern parts, known from all neighbouring countries (Gaedike 2011). In the Czech Republic, it was reported only recently from Bohemia (Vávra et al. 2001). New species for Moravia.

### Sesiidae

*Synanthedon soffneri* Špatenka, 1983. Moravia sept., Dolní Moravice (6069), 21.iv.2013, young larvae and exit holes, A. Laštůvka & Z. Laštůvka leg., Z. Laštůvka det. Species described from the Šumava Mts. in Bohemia (Špatenka 1983) and known from all neighbouring countries (Laštůvka & Laštůvka 2001, Kokot 2005). Larva develops in the trunks of *Lonicera* spp. growing in open forests and clearings (Špatenka 1983, Laštůvka & Laštůvka 2001). New species for Moravia.

### Pyralidae

*Phycitodes inquinatella* (Ragonot, 1887). Moravia mer.: Bořetice-Zázmoníky (7066), 28.vii.2011, 1 ♂; Němčičky-Jesličky (7067), 31.vii.2012, 2 ♂♂, all J. Liška leg., det. et coll. Local species confined with some genera of Asteraceae. Reported from all of the central European countries, hitherto with the exception of the Czech Republic (Nuss et al. 2011). New species for the Czech Republic.

### Crambidae

*Mecyna lutealis* (Duponchel, 1833). Bohemia sept.: Velké Žernoseky, Kalvárie (5450), 29.v.2008, 10 ♂♂, 1 ♀; Milá env., Milá hill (5548), 19.vi.2013, 9 spec. (not sexed), all

*M. Žemlička* leg., det. et coll.; Bohemia centr.: Praha-Šmukýřka (5952), 4.vi.1959, 1 ♀; Srbsko (6051), 29.vii.1971, 1 ♀; Radotín (6052), 29.vi.1972, 1 ♀; Vonoklasy (6051), 3.vii.1998, 2 ♀♀, 15.vi.1999, 1 ♀; Žloupovice-Kabečnice Natural Reserve (5944), 30.v.2012, 3 ♂♂, 6 ♀♀, all G. Elsner leg., det. et coll.; Roztoky u Prahy (5852), 10.vi.1961, 1 ♂; Mořina (6051), 23.vi.1977, 1 ♀, 9.vi.1978, 1 ♂; Srbsko (6051), 10.vi.1981, 1 ♂, all J. Skyva leg. et coll., det. G. Elsner; Karlštejn (6051), 1.vii.1991, 1 ♀; Srbsko-Na pláních (6050), 2.vi.1993, 1 ♀; Svatý Jan pod Skalou (6050), 7.vi.1997, 1 ♂; Vonoklasy (6051), 20.vi.1999, 1 ♂; Hostim-Třesina (6050), 23.v.2012, 3 ♂♂; Radotín-Cikánka (6052), 27.v.2012, 1 ♀, 29.vi.2012, 2 ♀♀, all J. Liška leg., det. et coll. This species was recorded in Bohemia by Nickerl (1906) but due to its formerly unclear taxonomic status, it was introduced as “*Botys flavalis* Schiff. var. *lutealis* Dup.”. Marion (1951) documented the male genitalia differences between *M. flavalis* and *M. lutealis*, showing the latter to be a valid species. However, both species show some variability in wing colouration, and thus remained undifferentiated in the Czech Republic for a century. The moths prefer xerothermic habitats (G. Elsner, J. Liška, M. Žemlička observ.). Known from Albania, Austria, Bulgaria, France (mainland), Germany, Greece, Hungary, Italy, Luxemburg, Macedonia, Romania, Sicily, Spain and Switzerland (Nuss et al. 2011). Reinstated in the list of Czech Lepidoptera based on reliable data.

## Nolidae

*Nycteola degenerana* (Hübner, 1799). Bohemia mer., Dobrá env., Mrtvý luh bog (7148), 25.viii.2011, V. Bělín et M. Bezděk leg., V. Bělín det. et coll. In Europe distributed from Spain to Russia, it is absent in the Balkan Peninsula (Fibiger & Skule 2011). Occurrence in Moravia was recently confirmed from Pavlovské vrchy hills (Šumpich et al. 2011), but so far only old records were available from Bohemia (Sterneck 1929, Krušek & Soldát 1980). Confirmed occurrence in Bohemia after more than 50 years.

## Noctuidae

*Eucarta amethystina* (Hübner, 1803). Moravia mer., Lanžhot-Soutok (7367), 12.vii.2011, 1 ♂, 12.vi.2012, 1 ♂, 18.vi.2012, 1 ♂, all J. Šumpich leg., det. et coll. Known from the most of central and southern Europe including all neighbouring countries, it is absent from Scandinavia and the British Isles (Fibiger & Skule 2011). The increased frequency of recent findings in Slovakia (J. Němý, unpublished records) as well as the present records shows that it may be spreading in recent years. New species for the Czech Republic.

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AARVIK L. 2011: Fauna Europaea: Tortricidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – AGASSIZ D. 2011: Fauna Europaea: Argylesthiidae, Ypsolophidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – ALLEN A. A. 1961: The recurrence in Britain of *Recurvaria piceaella* Kearfott. *Entomologist's Record and Journal of Variation* 73: 40–41. – ARNSCHIED W. 2011: Fauna Europaea: Psychidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/>

www.faunaeur.org/ (accessed 18 April 2013). – BALDIZZONE G. & VAN DER WOLF H. 2011: Fauna Europaea: Coleophoridae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – BENGTSSON B. A. 2010: Caloptilia jurateae sp. n., a sibling species of *C. semifascia* (Haworth, 1828) (Lepidoptera Gracillariidae). *Entomologisk Tidskrift* **131**: 105–112. – BENGTSSON B. A. & JOHANSSON R. 2012: Review of the unicolorous species of the subgenus *Blastotere* (Lepidoptera, Argyresthiidae) with descriptions of *Argyresthia svenssoni* sp.n. and *A. kulfani* sp.n. *Entomologisk Tidskrift* **132**: 257–274. – BUSZKO J. 2013: Fauna Europaea: Gracillariidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.6.1, <http://www.faunaeur.org/> (accessed 2 June 2013). – DE PRINS W. & DE PRINS J. 2005: *World catalogue of Insects 6. Gracillariidae* (Lepidoptera). Apollo Books, Stenstrup, 502 pp. – FIBIGER M. & SKULE B. 2011: Fauna Europaea: Nolidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – FALKOVITSH M. 1959: Novye i maloizvestnye vidy roda *Argyroploce* (s. lat.) iz Yuzhnoy Sibiri (Lepidoptera, Tortricidae). [New and poorly known genera and species of *Argyroploce* (s. lat.) from South Siberia (Lepidoptera, Tortricidae)]. *Entomologicheskoe Obozrenie* **38**: 460–466 (in Russian). – GAEDIKE R. 2011: Fauna Europaea: Epermeniidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – GAEDIKE R. & AGASSIZ D. 2011: Fauna Europaea: Glyphipterigidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – HANNEMANN H. J. 1961: Kleinschmetterlinge oder Microlepidoptera, I. Die Wickler (s.str.) (Tortricidae). In: DAHL F. (ed.): *Die Tierwelt Deutschlands*, 3. Gustav Fischer, Jena, 233 pp. – HERING M. 1936: Blattminen von Spanien. *EOS, Revista Española de Entomología* **11**: 331–384. – HUEMER P. 2011: *Olethreutes subtilana* (Falkovitsh, 1959) – Erstnachweis eines bemerkenswerten Kleinschmetterlings in Österreich (Lepidoptera: Tortricidae). *Beiträge zur Entomofaunistik* **12**: 130–132. – HUEMER P. 2013: *Die Schmetterlinge Österreichs* (Lepidoptera). *Systematische und faunistische Checkliste*. Tiroler Landesmuseum, Innsbruck, 304 pp. – HUEMER P. & KARSHOLT O. 2010: *Gelechiidae II* (Gelechiidae: *Gnorimoschemini*). In: HUEMER P., KARSHOLT O. & NUSS M. (eds): *Microlepidoptera of Europe 6*. Apollo Books, Stenstrup, 586 pp. – KARSHOLT O. 2011: Fauna Europaea: Gelechiidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – KOKOT A. 2005: *Synanthedon soffneri* Špatenka, 1983 (Lepidoptera, Sesiidae) new to the Polish fauna. *Acta Entomologica Silesiaca* **12–13**: 163–164. – KRAMPL F. 1981: Faunistic records from Czechoslovakia. Lepidoptera: Tineidae, Yponomeutidae, Cochyliidae, Tortricidae. *Acta Entomologica Bohemoslovaca* **78**: 63–64. – KRUŠEK K. & SOLDÁT M. 1980: Motýli fauna Karlštejnska – 2. část. Die Schmetterlingsfauna der Gegend von Karlštejn – Teil 2). *Bohemia Centralis* **9**: 109–161 (in Czech, German summary). – KUBASIK W., LARYSZ A. & ZAJDA W. 2012: *Olethreutes subtilana* (Falkovitsh, 1959) w Polsce (Lepidoptera: Tortricidae). (*Olethreutes subtilana* (Falkovitsh, 1959) in Poland (Lepidoptera: Tortricidae)). *Wiadomości Entomologiczne* **31**: 181–185 (in Polish, English abstract). – KUZNETZOV V. I. 1978: Tortricidae (*Olethreutinae*, *Cochylidae*) – listovertky. [Tortricidae (*Olethreutinae*, *Cochylidae*) – Leafrollers]. Pp. 193–710. In: MEDVEDEV G. S. (ed.): *Opredelitel nasekomykh Evropeyskoy chasti SSSR, 4*. [Keys to the Insects of the European Part of the USSR, 4]. Nauka, Leningrad, 712 pp. (in Russian). – LANGMAID J. R. & CORLEY M. F. V. 2007: *Phyllocnistis ramulicola* sp. nov. (Lepidoptera: Gracillariidae) in England and Portugal. *Entomologist's Gazette* **58**: 227–237. – LAŠTŮVKA Z. & LAŠTŮVKA A. 2001: *The Sesiidae of Europe*. Apollo Books, Stenstrup, 245 pp. – LAŠTŮVKA Z. & MAREK J. 2002: *Motýli* (Lepidoptera) *Moravského krasu – diverzita, společenstva a ochrana*. (Lepidoptera of the Moravian Karst – diversity, communities and protection). Korax, Blansko, 124 pp. (in Czech, English summary). – LIŠKA J., VÁVRA J., PETRŮ M., KRÁLÍČEK M., LAŠTŮVKA A., LAŠTŮVKA Z., MAREK J., ŠUMPICH J. & UŘIČAŘ J. 2008: Faunistic records from the Czech Republic – 262. Lepidoptera: Nepticulidae, Psychidae, Tineidae, Bucculatricidae, Elachistidae, Coleophoridae, Amphibatidae, Gelechiidae, Tortricidae, Crambidae. *Klapalekiana* **44**: 289–292. – MARION H. 1951: *Mecyna lutealis* Dup. bona species & f. *citralis* H.-S. (Crambidae). *Revue Française de Lépidoptérologie* **13** (1–2): 10–15. – MARTYNOVA E. F. 1955: *Moli mineri* roda *Phyllocnistis* Z. (Lepidoptera, Phyllocnistidae) fauny SSSR. [Mining moths of the genus *Phyllocnistis* Z. (Lepidoptera, Phyllocnistidae) of the fauna of USSR]. *Entomologicheskoe Obozrenie* **34**: 244–254 (in Russian). – MUTANEN M., AARVIK L., HUEMER P., KAILA L., KARSHOLT O. & TUCK K. 2012a: DNA barcodes reveal that the widespread European tortricid moth *Phalonidia manniana* (Lepidoptera: Tortricidae) is a mixture of two species. *Zootaxa* **3262**: 1–21. – MUTANEN M., AARVIK L., LANDRY J.-F., SEGERER A. H. & KARSHOLT O. 2012b: *Epipotia cinerea* (Haworth, 1811) bona sp., a Holarctic tortricid distinct from *E. nisella* (Clerck, 1759) (Lepidoptera: Tortricidae: Eucosmini) as

evidenced by DNA barcodes, morphology and life history. *Zootaxa* **3318**: 1–25. – NICKERL O. 1906: *Beiträge zur Insekten-Fauna Böhmens. III. Die Zünsler Böhmens (Pyralidae)*. Verlag der Gesellschaft für Physiokratie, Prag, 35 pp. – NUSS M., SPEIDEL W. & SEGERER A. 2011: Fauna Europaea: Pyraloidea. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – OKU T. 2004: Three Olethreutine species (Tortricidae) new to Japan from Hokkaido. *Japan Heterocerists' Journal* **227**: 29–32 (in Japanese). – PASTORÁLIS G., ELSNER G., KOPEČEK F., KOSORÍN F., LAŠTŮVKAA., LENDELA., LIŠKA J., NĚMÝ J., RICHTER I. G., ŠTEFANOVIČ R., ŠUMPICH J. & TOKÁR Z. 2013: Štrnáť nových druhov motýľov (Lepidoptera) pre faunu Slovenska. (Fourteen Lepidoptera species new to the fauna of Slovakia). *Folia Faunistica Slovaca* **18**: 1–12 (in Slovak, English abstract). – RAZOWSKI J. 1990: Motyle (Lepidoptera) Polski. Część XVI – Coleophoridae. [Lepidoptera of Poland. Part 16 – Coleophoridae]. In: *Monografie fauny Polski. Tom 18. [Monographs of the Polish fauna. Part 18]*. Państwowe wydawnictwo naukowe, Warszawa – Kraków, pp. 5–270 (in Polish). – RAZOWSKI J. 2001: *Die Tortriciden (Lepidoptera, Tortricidae) Mitteleuropas. Bestimmung – Verbreitung – Flugstandort – Lebensweise der Raupen*. František Slamka, Bratislava, 319 pp. – RAZOWSKI J. 2002: *Tortricidae of Europe, Vol. 1*. František Slamka, Bratislava, 247 pp. – RAZOWSKI J. 2003: *Tortricidae of Europe. Vol. 2, Olethreutinae*. František Slamka, Bratislava, 301 pp. – SINEV S. Y. 2011: Fauna Europaea: Blastobasidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – SINEV S. Y. & KOSTER J. C. 2011: Fauna Europaea: Cosmopterigidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.4, <http://www.faunaeur.org/> (accessed 18 April 2013). – SEGERER A. H., HASLBERGER A. & GRÜNEWALD T. 2010: Occurrence of *Olethreutes subtilana* (Falkovitsh, 1959) in Central Europe uncover by DNA barcoding (Tortricidae: Olethreutinae). *Nota Lepidopterologica* **33**: 209–218. – SKALA H. 1923–1924: Beitrag zur Lepidopterenfauna Mährens und Schlesiens. *Zeitschrift für Österreichische Entomologisch-Verein* **8**: 69–74, 82–87; **9**: 42–44, 53, 73–75, 81–85, 93–95, 103–105, 114–116. – STERNECK J. 1929: *Prodromus der Schmetterlingsfauna Böhmens*. Jacob Sterneck, Karlsbad, 297 pp. – STERNECK J. & ZIMMERMANN F. 1933: *Prodromus der Schmetterlingsfauna Böhmens II. (Microlepidoptera)*. Jacob Sterneck, Karlsbad, 168 pp. – ŠPATENKA K. 1983: *Synanthedon soffneri* sp. n. (Lepidoptera, Sesiidae) aus der Tschechoslowakei. *Acta Entomologica Bohemoslovaca* **80**: 297–303. – ŠUMPICH J. 2011: *Motýli Národních parků Podyjí a Thayatal. Die Schmetterlinge der Nationalparke Podyji und Thayatal*. Správa Národního parku Podyjí, Znojmo, 428 pp. (in Czech and German). – ŠUMPICH J., LIŠKA J., ELSNER G., ŽEMLIČKA M., MAREK J., DVOŘÁK I., DVOŘÁK M., DOBROVSKÝ T. & SKYVA J. 2006: Faunistic records from the Czech Republic – 202. Lepidoptera: Psychidae, Bucculatricidae, Yponomeutidae, Acrolepiidae, Depressaridae, Oecophoridae, Scythrididae, Lecithoceridae, Gelechiidae, Tortricidae, Urodidae, Epermeniidae, Pyralidae, Noctuidae, Arctiidae. *Klapalekiana* **42**: 181–187. – ŠUMPICH J., LIŠKA J., SITEK J., MAREK J., SKYVA J., UŘIČAŘ J., FIALA F., JAKEŠ J., DVOŘÁK I., MARŠÍK L., POTOČKÝ P., LAŠTŮVKAA., ELSNER V., LAŠTŮVKA Z., MIKÁT M. & KAČÍREK A. 2011: Faunistic records from the Czech Republic – 326. Eriocraniidae, Psychidae, Tineidae, Gracillariidae, Cossidae, Yponomeutidae, Acrolepiidae, Ypsolophidae, Oecophoridae, Elachistidae, Coleophoridae, Momphidae, Scythrididae, Gelechiidae, Alucitidae, Pterophoridae, Tortricidae, Zygaenidae, Pyralidae, Geometridae, Nolidae, Noctuidae. *Klapalekiana* **47**: 281–298. – ŠUMPICH J., MIKÁT M., MARŠÍK L., DUFEK T., MAREK J. & ELSNER V. 2007: Faunistic records from the Czech Republic – 239. Lepidoptera: Adelidae, Yponomeutidae, Autostichidae, Cosmopterigidae, Depressaridae, Elachistidae, Gelechiidae, Tortricidae, Pyralidae, Crambidae, Geometridae, Noctuidae. *Klapalekiana* **43**: 215–220. – SWISSELEPTTEAM 2010: *Die Schmetterlinge (Lepidoptera) der Schweiz. Eine kommentierte, systematisch-faunistische Liste*. *Fauna Helvetica* **25**. Centre suisse de cartographie de la faune & Schweizerische Entomologische Gesellschaft, Neuchâtel, 350 pp. – TRIBERTI P. 2007: The Phyllonorycter species from Palaearctic Region feeding on Rosaceae (Lepidoptera, Gracillariidae). *Bollettino del Museo Civico di Storia Naturale di Verona, Botanica Zoologica* **31**: 147–221. – VÁVRA J., PETRŮ M., FIALA F., LIŠKA J., SKYVA J. & LAŠTŮVKA Z. 2001: Faunistic records from the Czech Republic – 135. Lepidoptera: Nepticulidae, Heliozelidae, Psychidae, Yponomeutidae, Plutellidae, Gelechiidae, Epermeniidae, Tortricidae, Pyralidae, Geometridae. *Klapalekiana* **37**: 131–133.

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