

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 257

Lepidoptera:

Eriocraniidae

✓ *Eriocrania salopiella* (Stainton, 1854). Moravia mer., Bílé Karpaty Protected Landscape Area, Čertoryje National Nature Reserve (6469), 28.iv.1992, 1 ♂, J. Vávra lgt., det. et coll. Known from northern Europe, Great Britain, Ireland, and France (Karsholt & Razowski 1996). In central Europe published from Soběšín in Bohemia by Novák & Liška (1997). New species for Moravia.

Nepticulidae

✓ *Stigmella rolandi* van Nieukerken, 1990. Bohemia centr., Praha – Kbely (5853), 6.vii.2006, 1 ♂, G. Elsner lgt., A. Laštůvka det. et coll. Distributed from south-western Europe to Central Asia, in central Europe known from Austria, Hungary, Slovakia, and Ukraine (Laštůvka & Laštůvka 1997). In the Czech Republic recorded (as *Stigmella spinosissima* sensu Klimesch, 1951) from Dětkovice in Moravia by Laštůvka & Laštůvka (1990). New species for Bohemia.

✓ *Stigmella stettinensis* (Heinemann, 1871). Bohemia centr., Praha – Modřany (5952), 16.vi.1986, 1 ♂, Praha – Točná (6052), 20.vii.1991, larva on *Pyrus communis*, 11.ii.1992, 1 ♀ ex l., both J. Vávra lgt., det. et coll. Laštůvka & Laštůvka (2004) separated it from the similar *S. minusculella* (Herrich-Schäffer, 1855) and listed it from Poland, Slovakia, and Moravia; it is probably more widely distributed with its host plants (*Pyrus* spp.). New species for Bohemia.

✓ *Stigmella pretiosa* (Heinemann, 1862). Bohemia occ., Andělská Hora (5743), 4.x.2005, 25.ix.2006, numerous mines with larvae on *Geum rivale*, J. Vávra lgt., det. et coll.; Moravia bor., Dolní Moravice (6069), 14.x.2005, numerous empty mines on *Geum rivale*, 1.x.2006, mines with larvae, A. Laštůvka lgt., det. et coll. Known from all neighbouring countries, mostly from mountain regions (Laštůvka & Laštůvka 1997). It was published as doubtful from Fulnek in northern Moravia by Skala (1931) and from the Orlické hory Mts. in Bohemia by Rotter (2000). Confirmed occurrence in Moravia.

Tineidae

✓ *Nemapogon gliiriella* (Heyden, 1865). Bohemia mer., Lásenice – Homolka, Fabian Nature Reserve (6955), 600 m a.s.l., 8.viii.2003, 1 ♂, J. Liška lgt., det. et coll. Known in central Europe from Austria, Germany, and Slovakia (Gaedike 2004); in the Czech Republic known only from Zlín in Moravia (Laštůvka 1993). New species for Bohemia.

✓ *Ogogona sacchari* (Bojer, 1856). Bohemia centr., Praha – Troja (5852), 19.xii.2006, larvae on *Musa* fruits in the Pavilion of “Indonesian Jungle”, ZOO Praha, 4.i.2007 and 18.i.2007,

2 ♀♀ ex l., T. Dobrovský lgt., M. Petrů det. et coll. The origin of this species is probably in Subsaharan Africa, where it is known as a pest of banana and sugar cane. Its distribution covers also southern Asia and Central and South America. It occurs secondarily all over the world, and in central Europe it has been recorded from various tropical and subtropical plants in glasshouses in many countries (Šefrová 2006). In the Czech Republic reported from Frýdek-Místek in Moravia (Sitek 2003). The first synanthropic occurrence in Bohemia.

✓ *Psychoides verhuella* Bruand, 1853. Bohemia centr., Český kras Landscape Protected Area – Radotínské údolí National Nature Reserve (6051), 29.v.1998, 3 ♂♂, J. Liška lgt., det. et coll., 17.iv.2003, numerous larvae on leaves of *Asplenium ruta-muraria*, 11.v.2003, 2 ♀♀ ex l., J. Vávra lgt., det. et coll.; Praha – Prokopské údolí National Nature Reserve (5952), 30.iii.2004, numerous larvae on leaves of *Asplenium ruta-muraria*, 1.v.2004, 1 ♀ ex l., J. Vávra lgt., det. et coll. Widespread in Europe, in Bohemia only old data without recent records (Novák & Liška 1997). Confirmed occurrence in Bohemia.

✓ Depressariidae

✓ *Depressaria absynthiella* Herrich-Schäffer, 1865. Bohemia centr., Štěchovice, Kobylí dráha Nature Reserve (6152), 4.vi.2006, numerous larvae on *Artemisia absinthium*, 26.vi.–5.vii.2006, 19 spec. ex l., J. Liška lgt., det. et coll.; Moravia mer., Kladeruby nad Oslavou, Údolí Oslavy a Chvojnice Nature Reserve, Vlčí kopec Hill (6863), deciduous forest, 404 m a.s.l., 25.ix.2003, 1 spec., 2.x.2003, 1 spec., 12.x.2003, 1 spec., 5.x.2004, 1 ♂ (genitalia examined), 5.x.2005, 1 spec.; Dolní Morava Biosphere Reserve, Pavlov, Děvín – Kotel – Soutěska National Nature Reserve (7165), thermophilous oak forest, 480 m a.s.l., 5.x.2005, 1 spec., all J. Šumpich lgt., det. et coll. Recorded in central Europe from Germany, Switzerland, Austria, and Hungary (Karsholt & Razowski 1996). In the Czech Republic known only from old data from Brno and Mikulov in Moravia (Skala 1912-13). New species for Bohemia and confirmed occurrence in Moravia.

Oecophoridae

Epicallima bruandella (Ragonot, 1889). Moravia mer., Čížov (7161), south-facing rocky slopes above the Dyje river, 16.viii.2000, 1 ♀, J. Němý lgt., det. et coll. Known in central Europe from Austria, Poland, Slovakia, Hungary, and northern Italy (Tokár et al. 2005). New species for the Czech Republic.

✓ Elachistidae

✓ *Elachista occidentalis* Frey, 1882. Bohemia centr., Praha – Radotín (6052), 8.iv.2004, larvae of the 1st instar in leaves of *Carex digitata* in light and warm oak-hornbeam woodlands on limestone slopes; pupation along the main rib on the upper side of the leaf blade, 9.v.2004, 15 ♂♂, 6 ♀♀ ex l., J. Vávra lgt., det. et coll., J. Liška revid. *Elachista occidentalis* and *E. juliensis* Frey, 1870, have been misinterpreted and their identity exchanged by Traugott-Olsen (1994 and pers. comm.) and following authors (cf. Kaila & Varalda 2004). *Elachista occidentalis* is known from all neighbouring countries in central Europe (Kaila & Varalda 2004). The record of *E. juliensis* from Morkovice in Moravia by Laštůvka et al. (1992) belongs to *E. occidentalis*.

On the contrary, the published data on *E. occidentalis* from Bohemia (Traugott-Olsen 1994) and Moravia (Liška et al. 2000) refer to *E. juliensis*. New species for Bohemia.

✓ *Elachista triatomea* (Haworth, 1828). Bohemia centr., Křivoklátsko Biosphere Reserve, Týřov National Nature Reserve, Týřovické skály (6048), 15.vii.2006, 1 ♀, J. Liška lgt., det. et coll. In central Europe rare, known from Germany, Austria, and Hungary (Gaedike & Heinicke 1999, Huemer & Tarmann 1993, Szaboky et al. 2002). New species for the Czech Republic.

Scythrididae

✓ *Scythris disparella* (Tengström, 1848). Bohemia occ., Plzeň – Bolevec (6246), 1.vi.2005, larva, 17.vi.2005, 1 ♀ ex l., J. Vávra lgt. et coll., J. Liška det. The larva has been found in a wet meadow with bear grass (*Molinia caerulea*) on a drier elevation formed by *Myrmica* ants. The larvae live on *Lathyrus pratensis*, feeding on the upper side of the leaflets. Distributed from Spain and the former Yugoslavia across France, Germany and Austria to northern Europe from Norway to Latvia; data from Belgium, Italy, and Switzerland doubtful (Bengtsson 1997). New species for the Czech Republic.

Cosmopterigidae

✓ *Eteobalea tririvella* (Staudinger, 1870). Bohemia centr., Štěchovice, Kobyli dráha Nature Reserve (6152), 13.vii.2006, 1 ♂; Křivoklátsko Landscape Protected Area and Biosphere Reserve, Týřov National Nature Reserve, Týřovické skály (6048), 15.vii.2006, 1 ♂, J. Liška lgt., det. et coll. In central Europe known from Austria, Slovakia, and Hungary (Karsholt & Razowski 1996); in the Czech Republic reported from Moravia by Povolný & Gregor (1948). Riedl (1969) gives also an unclear old record from 'Keilberg' in Bohemia. Confirmed occurrence in Bohemia.

Gelechiidae

✓ *Chilopselaphus fallax* Mann, 1867. Moravia mer., Hustopeče (7066), 26.v.2005, 3 ♀♀, J. Němý lgt. et coll., J. Liška det.; Kobyli – Kuntínov, Zázmoníky Nature Reserve (7066), 28.vi.2005, 2 ♂♂, J. Liška lgt., det. et coll. Species with a very disjunctive distribution, known from France, Hungary, and southern Ukraine in Europe and Kazakhstan and north-western China in Asia (Elsner et al. 1999). New species for the Czech Republic.

✓ *Caryocolum blandulella* (Tutt, 1887). Moravia occ., Mohelno, Mohelenská hadcová step National Nature Reserve (6863), 7.vi.1996, 1 ♂, 21.vi.2000, 1 ♂; Moravia mer., Kobyli – Zázmoníky (7067), 28.vi.2005, 1 ♂, all J. Liška lgt., det. et coll. Species with an insular distribution, known from Germany and Hungary in central Europe (Elsner et al. 1999). Only one Moravian record (Moravskoslezské Beskydy Mts., Smrk Mt.) available from the Czech Republic (Laštůvka 1993). Confirmed occurrence in the Czech Republic.

✓ *Syncopacma polychromella* (Rebel, 1902). Moravia or., Starý Hrozenkov – Žitková (7073), 7.v.2003, 1 ♀, L. Šíman lgt. et coll., G. Elsner det. A Mediterranean species with an occasional (introduced?) occurrence in central and western Europe (Elsner et al. 1999). Its larva has been found on *Lotus* plants. The first occurrence in the Czech Republic; probably introduced.

✓ *Brachmia dimidiella* (Denis & Schiffermüller, 1775). Bohemia mer., Vlkov nad Lužnicí – Hlavičky (7054), 6.vii.2005, 3 ♂♂, J. Liška lgt., det. et coll. Widespread in central Europe (Elsner et al. 1999), in the Czech Republic recorded from Popice near Znojmo in Moravia (Laštůvka 1993). New species for Bohemia.

✓ *Helcystogramma arulensis* (Rebel, 1929). Moravia mer., Lanžhot – Soutok (7367), 20.viii.2004, 1 ♂, J. Liška lgt., det. et coll. In central Europe recorded from Austria, Slovakia (Karsholt & Razowski 1996), and Hungary (Szaboky et al. 2002). From the Czech Republic, Moravia given erroneously (lapsus calami) by Laštůvka (1998). The first reliable record from the Czech Republic.

Tortricidae

✓ *Ancylis subarcuana* (Douglas, 1847). Bohemia sept., Novozámecký rybník National Nature Reserve (5353), 11.v.2002, 1 ♂, 7.vii.2002, 11 ♂♂, 3 ♀♀, 30.viii.2002, larva on *Salix repens*, 20.ii.2003, 1 ♀ ex l., J. Vávra lgt., det. et coll. The larvae are monophagous and develop in shelters made of retorted leaf blades of *Salix repens*, similarly to *Ancylis geminana* (Donovan, 1806) and *A. diminutana* (Haworth, 1811); the species has two generations per year. Distributed from the British Isles to the Baltic states (Razowski 2003). In the Czech Republic published from Bohemia by Sterneček & Zimmermann (1933), probably from the same locality ('Habsteiner Moor'); no voucher specimens available. Confirmed occurrence in the Czech Republic.

Pyralidae

✓ *Homoeosoma inustella* Ragonot, 1884. Bohemia centr., Praha – Holyně, Dalejské údolí (5952), 1.viii.2005, 1 ♂, J. Němý lgt., det. et coll. In the neighbouring countries known from Austria (Huemmer & Tarmann 1993) and Slovakia (Laštůvka 1998). In the Czech Republic recorded from Kobylí in southern Moravia (Elsner et al. 1997). New species for Bohemia.

Nymphalidae

✓ *Nymphalis xanthomelas* (Denis & Schiffermüller, 1775). Moravia or., Hostýnské vrchy Mts. – Rusava (6672), 11.iv.2007, 1 spec., P. Tomáš observ. and documented by a photo, F. Kopeček revid. A Euro-Siberian species with a fluctuating western boundary of its range between central and eastern Europe. The last Czech records come from early 1950s (Laštůvka 1993). Known occurrence in the Czech Republic after more than 50 years.

Noctuidae

Xestia agathina (Duponchel, 1827). Bohemia sept., Kapucínova skála Hill near Hřensko (5151), 26.viii.2005, 1 ♀, J. Vávra lgt. et coll., G. Elsner et J. Liška det. An Atlanto-Mediterranean, local species known from all western European countries, southern Finland, and Estonia; in central Europe recorded from Germany, north-western Poland, and Switzerland (Nowacki 1998, Fibiger & Skule 2004). The species appears to be spreading eastwards. The larvae live on *Calluna vulgaris* and *Erica* spp. in open habitats in pine forests. New species for the Czech Republic.

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