

FAUNISTIC RECORDS FROM SLOVAKIA

Lepidoptera: Micropterigidae, Eriocraniidae, Nepticulidae, Incurvariidae, Prodoxidae, Psychidae, Tineidae, Bucculatricidae, Gracillariidae, Yponomeutidae, Glyphipterigidae, Autostichidae, Blastobasidae, Oecophoridae, Lypusidae, Elachistidae, Coleophoridae, Scythrididae, Gelechiidae, Tortricidae, Pyralidae, Crambidae

Abbreviations:

NM – Nature Monument

NR – Nature Reserve

NP – National Park

PLA – Protected Landscape Area

[0000] – grid reference number of the Slovak Fauna Databank

MICROPTERIGIDAE

Micropterix mansuetella Zeller, 1844

Mikulášov – close to Rudava river [7469], 21.5.1982, 1 ♂, G. Elsner leg., det. & coll.

This species is widely distributed from Ireland and Great Britain through Scandinavia to the Baltic States and through central Europe to Romania (KARSHOLT 2007). It prefers wet habitats and alder carrs and it was collected from flowering sedges of *Carex* spp. (ZELLER-LUKASHORT *et al.* 2007). New species for Slovakia.

ERIOCRANIIDAE

Eriocrania sangii (Wood, 1891)

Prievidza [7277], 25.4.1998, 1 ♂, 21.4.2005, 1 ♂, Iv. Richter leg. & coll., Ig. Richter det.

Transpalaeartic species with distribution from western Europe up to the Russian Far East (KOZLOV 1997). Larva mines leaves of *Betula* spp. New species for Slovakia.

NEPTICULIDAE

Stigmella stettinensis (Heinemann, 1871)

Sekule [7368], 22.6.1990, larvae on *Pyrus pyraster*, 7.1990, 2 ♂♂ e.l.; NP Slovenský kras – Zádiel [7390], 16.9.1988, larva on *Pyrus communis*, 2.1989, 1 ♂ e.l., all A. Laštůvka lgt. & coll.

These data were recorded as new for Slovakia in LAŠTŮVKA & LAŠTŮVKA (2004). A little

known species, very close to *S. minusculella* (Herrich-Schäffer, 1855). The authors mentioned the species also from Poland, Lithuania and Czechia. Larvae of both species mine leaves of *Pyrus* spp.

Stigmella szoeciella (Borkowski, 1972)

NP Slovenský kras – Vidová [7488], 17.5.2001, 1 ♂, Ig. Richter leg., det. & coll.; NP Slovenský kras – Hradná stráň [7391], 10.5.2002, 1 ♀, Z. Tokár leg., det. & coll.

PATOČKA (1982) erroneously recorded the species from Báb near Nitra as new for the Slovak fauna. That record is in fact of *S. dorsiguttella* (A. Laštůvka pers. comm.). Distribution: Italy, Greece, Ukraine (Crimea), Hungary and recently also Czechia (LIŠKA *et al.* 2008). Larva has been observed on *Quercus cerris* (LAŠTŮVKA & LAŠTŮVKA 1997). New species for Slovakia.

Ectoedemia reichli Z. Laštůvka & A. Laštůvka, 1998

NR Viniansky hradný vrch [7197], 22.7.1995, 1 ♀, Z. Tokár leg. & coll., A. Laštůvka det.

The species was described from material from Greece. Later it was found in Croatia (Dalmatia) and Czechia (Moravia) (ŠUMPICH *et al.* 2007). A female that was collected in the eastern Slovakian steppe-forest biotope remained unidentified for a rather long time because the species was only previously known from males. Moravian records of both sexes helped to Aleš Laštůvka (pers. comm.) identify our specimen. *E. reichli* flies in central European localities in the second half of July and in August. New species for Slovakia.

INCURVARIIDAE

Phylloporia bistrigella (Haworth, 1828)

Hronské Kľačany [7777], 3.5.2004, 1 ex., F. Kosorín leg. & coll., Z. Tokár det.

One specimen of this species was found in birch tree undergrowth. Young larvae mine *Betula* leaves in galleries and full grown larvae cut out characteristic oval holes. Adults fly from May to July. Widely distributed from the British Isles to the Russian Far East (DUBATOLOV 2007). New species for Slovakia.

PRODOXIDAE

Lampronia redimitella (Lienig & Zeller, 1846)
Recorded in TOKÁR *et al.* (2002) – the species is deleted from the Slovak fauna due to misidentification.

PSYCHIDAE

Brevantennia herrmanni Weidlich, 1996
NP Slovenský kras – Krkavčie skaly [7391], 18.5.2002, 2 ♂♂, Z. Tokár leg. & coll.; NP Slovenský kras – Zádielská dolina [7390], 6.5.2003, 2 ♂♂ e.l., M. Petrů leg., coll. & det.; same locality, 5.5.2003, 1 ♂; Kamenica nad Hronom [8178], 16.5.1989, 1 ♂; NP Muránska planina – Muráň, Šiance [7286], 5.5.2003, 1 ♂, 8.5.2004, 3 ♂♂, 3 ♀♀ e.l. (em. 12.-20.5.); NP Muránska planina – Cigánka [7286], 5.5.2003, 1 ♂, 8.5.2004, 9 ♂♂, 10 ♀♀ e.l. (em. 12.-20.5.), J. Liška leg., det. & coll.

This species was described from and hitherto has been known only from the Hungarian Bükk Mts. (WEIDLICH 1996). Probably it is more widespread in the Western Carpathians. Larval cases occur in rocks and trunks, preferring sunny areas. New species for Slovakia.

Epichnopterix sieboldi (Reutti, 1853)
PLA Malé Karpaty – Pustá Ves [7173], 1.5.1975, 2 ♂♂; Pohranice [7675], 2.5.1975, 1 ♂, V. Elsner leg. & coll., J. Liška det.; NP Malá Fatra – Reváňské sedlo [7077], 15.3.2001, 1 ♂, Iv. Richter lgt. & coll., M. Petrů det.

An overlooked species often confused with the similar and more common bagworm *E. plumella* (Denis & Schiffermüller, 1775). *E. sieboldi* prefers xerothermic biotopes. It is known from Spain, France, Switzerland, Germany, Austria, Czechia, Poland and Greece. The larva feed on various lower plants, withered or decayed leaves (HÄTTENSCHWILER 1997). New species for Slovakia.

TINEIDAE

Eudarcia pagenstecherella (Hübner, 1825)
PLA Strážovské vrchy – Temešská skala [7176], 15.7.2005, 1 ex., Iv. Richter leg. & coll., Ig. Richter det.

The species is locally distributed in western, southern and central Europe. Larvae feed on lichens most often on rock walls in higher

elevations. Adults fly from June until the end of August. New species for Slovakia.

Pelecystola fraudulentella (Zeller, 1852)
Lehota pod Vtáčnikom [7277], 9.6.2000, 1 ♂, 1 ♀, Iv. Richter leg. & coll., R. Gaedike det.
Hitherto this tineid moth has been known only by two specimens: one male was found in Slovenia, Ljubljana in the 19th century and one female was caught in southeastern Sweden, NR Grytsjön not long ago (LINDEBORG & BENGSSON 2009). Early stages and host plant are unknown. New species for Slovakia. More information about this remarkable discovery is given on a separate article (GAEDIKE & TOKÁR 2010)

BUCCULATRICIDAE

Bucculatrix humiliella Herrich-Schäffer, 1855
Horná Kráľová – Bačove slaniská [7773], 17.8.2009, 1 ♂; NR Chotínske piesky [8175], 13.6.2007, 1 ♂; Michalovce – Biela hora [7297], 19.8.1995, 1 ♀, 26.7.1999, 1 ♂, 22.8.2000, 2 ♂♂, 30.3.2002, 2 ♂♂, 12.6.2002, 1 ♂, 1 ♀, 24.7.2002, 3 ♂♂, 2 ♀♀, 24.7.2003, 1 ♀; Pozdišovce [7297], 13.4.2001, 1 ♀, 7.6.2001, 1 ♀, 25.8.2002, 1 ♂, 13.9.2002, 1 ex., 5.6.2003, 1 ♀, 16.7.2003, 1 ex., 15.7.2007, 1 ♀, 28.7.2007, 1 ♂, Z. Tokár leg., J. Buszko & Z. Tokár det., Z. Tokár & Hungarian Natural History Museum Budapest coll.

Distribution: France, Germany, Austria, Czechia, Poland, Norway, Sweden, Finland, Latvia (MEY 2007) and Transbaikalia (BIDZILYA *et al.* 1998). The species occurs locally but not uncommonly mainly on wet grasslands. Two generations per year have been observed. Adults from the second generation hibernate. The larva feeds on *Achillea millefolium*. New species for Slovakia.

GRACILLARIIDAE

Phyllonorycter eugregori Laštůvka & Laštůvka, 2006

The authors of the species' description quote the following locality and Paratypes from Slovakia: Kamenica nad Hronom [8178], 7.1987, 4 ♂♂, 2 ♀♀. These specimens were originally recorded as *Ph. phyllocytisi* Hering but a central European population of the species differs from the type material. Authentic specimens of *Ph. phyllocytisi* occur

in Spain and France, while occurrence of the species of *Ph. eugregori* has been proved from Czechia, Slovakia, Hungary, Croatia and Montenegro. The larva mines *Cytisus austriacus* and *C. ratisbonensis* (LAŠTŮVKA & LAŠTŮVKA 2006, SZABÓKY *et al.* 2007).

Phyllonorycter apparella (Herrich-Schäffer, 1855)

The species is deleted from the Slovak fauna. Specimens from Slovakia previously identified as *P. apparella* belong to other species of this group (A. Laštůvka pers. comm.).

Dialectica soffneri (Gregor & Povolný, 1965)
NM Štrkovské presypy [7873], 23.8.2006, 1 ♂, Z. Tokár leg., det. & coll.

One male has been collected by sweeping thick growth in a small sand dune in the middle of cultivated fields. Further distribution: Austria, Hungary, Bulgaria and Greece (DE PRINS & DE PRINS 2005). Early stages and host plant of this rare species are unknown. New species for Slovakia.

YPONOMEUTIDAE

Argyresthia tatrica Baraniak, Kulfan & Patočka, 2003

The type locality and specimens from the species' description: Holotype + Allotype: Tatra NP – Západné Tatry Mts. – Velická dolina [6887], 1500 m, 1994, e. l. 1 ♂ + 1 ♀, Slovak National Museum coll.; Paratypes: the same locality, 1994, e.l. 2 ♂♂ + 1 ♀, Museum für Naturkunde, Humboldt University, Berlin (1 ♂ + 1 ♀) & Institute of Forest Ecology, Slovak Academy of Sciences, Zvolen (1 ♂) coll.; 1996, e.l. 1 ♂ + 1 ♀, Central Slovak Museum Banská Bystrica (1 ♂) & Institute of Forest Ecology, Slovak Academy of Sciences, Zvolen (1 ♀) coll.; 1998, e.l. 1 ♂ + 1 ♀, Department of Systematic Zoology, A. Mickiewicz University, Poznań coll., all J. Kulfan leg.

Argyresthia trifasciata Staudinger, 1871
Hronské Kľačany [7777], 18.5.2006, 1 ex., F. Kosorín leg., det. & coll.; NP Slovenský kras – Plešivecká planina, Ďulová [7488], 11.5.2009, 2 ♂♂, J. Liška leg., det. & coll.; Košice – Botanická záhrada [6156], 28-29.5.2010, 18 ex., Iv. Richter leg., det. & coll.

The distribution of the species ranges from western Europe north to Sweden, and east to Poland and Slovakia. The larva feeds on Cupressaceae: *Juniperus*, *Chamaecyparis*, *Thuja*. New species for Slovakia.

GLYPHIPTERIGIDAE

Digitivalva granitella (Treitschke, 1833)

This species was first recorded in PANIGAJ (2006) from Vihorlat Mts. – Podstávka, 760 m, 20.5.2005, 2 ♂♂, 27.7.2005, 1 ♂, L. Panigaj leg. det. & coll. The second Slovak locality: NP Veľká Fatra – Ľubochnianska dolina [6980], 17.6.2006, several ex., Iv. Richter leg. & coll., Ig. Richter det.

AUTOSTICHIDAE

Apatema apolausticum Gozmány, 1996

NP Slovenský kras – Vidová [7488], 27.6.2001, 1 ♂, Z. Tokár leg., J. Liška coll. & det.; NP Slovenský kras – Plešivecká planina, Ďulová [7488], 8.8.2008, 1 ♂, J. Liška leg., det. & coll.

The middle and south European distribution of the species is little known. A critical revision of all Central European material of *Apatema* – group is very needful and it surely will bring more data on the occurrence of *A. apolausticum* in this region. Probably all records of *A. mediopallidum* from Central Europe really belong to *A. apolausticum*. New species for Slovakia.

BLASTOBASIDAE

Blastobasis huemeri Sinev, 1993

NR Chotínske piesky [8175], 14.6.2007, 1 ♀, G. Pastorális leg., det. & coll.; Štiavnické vrchy Mts. – Čajkov [7777], 21.6.2000, 1 ♂; Štiavnické vrchy Mts. – Rybník [7777], 24.7.2006, 1 ♂, 16.7.2007, 1 ♂, F. Kosorín leg., det. & coll., 27.6.2008, 4 ♀♀, Z. Tokár leg. & coll.; NR Folkmárska skala [7192], 900 m, 29.7.2009, 2 ex., Z. Tokár & F. Kuraj leg., Z. Tokár det.

The species was described from specimens from Croatia and the Italian Alps. In the last decade it spread significantly to Central Europe. In Austria the first specimens were found in 1998 (HABELER 1999), in Hungary in next year (PASTORÁLIS *et al.* 2000), in Slovakia the first specimen was found in 2000 and in

Czechia three years later (LIŠKA *et al.* 2005). Now it is often abundant. Foodplant is unknown. New species for Slovakia.

OECOPHORIDAE

Aplota palpella (Haworth, 1828)

NP Slovenský kras – Plešivecká planina, Ďulová [7488], 8.8.2008, 1 ♂, J. Skyva leg. & coll., J. Liška det.

The species occurs in widely scattered localities from southern England, northern Spain and to the southern part of European Russia and Caucasus. It is rare in central Europe, found only occasionally (not yet collected in Hungary). Larva feeds in silken galleries on moss and lichens or decaying wood on old deciduous or fruit tree-trunks as well as on walls or rocks. Adults can be found in woodland edges and glades with solitary old trees or rocky places, parks with large, old deciduous trees, dark places covered with moss and gardens, mainly resting on tree-trunks or flying around moss- and lichen-covered rocks (BURMANN 1988, TOKÁR *et al.* 2005). New species for Slovakia.

Aplota nigricans (Zeller, 1852)

NP Slovenský kras – Zádiel [7390], 27.6.1987, 2 ♀♀, 10.6.1988, 1 ♂, J. Marek leg., J. Marek & Z. Tokár coll.

A little known species, local and scarce in central and partly southern Europe, more widespread northerly. Recorded from southern France, northern Italy and Macedonia through central Europe to Latvia and southern Finland. Larva feeds on moss on old tree-trunks and probably also on plant residue on the ground. Adults can be observed flying at sunset near their habitats, which are woodland edges, orchards, parks with large and old deciduous trees, shady rocky places with a rich moss and lichen covering (BURMANN 1988, TOKÁR *et al.* 2005). New species for Slovakia.

LYPUSIDAE

Lypusa tokari Elsner, Liška & Petrů, 2008

In the paper describing this species the authors give the following data from Slovakia: Šahy [7979], 15.5.1938, 1 ♂, R. Schwarz leg., National Museum Prague coll.; Kravany nad Dunajom, Čenkov [8277], 2 ♀♀, 9-11.5.1991, J. Skyva leg. & coll.; Kamenica nad Hronom

[8178], 1 ♂, 29.4.1986, J. Liška leg. & coll.; Medovarce [7780], 8.5.1979, 1 ♂, G. Elsner leg. & coll. Next Slovak record: Radvaň nad Dunajom [8275], 15.5.1985, 1 ex., G. Pastorális leg., Hungarian Natural History Museum Budapest coll.

ELACHISTIDAE

Elachista metella Kaila, 2002

Specimens of this species were previously regarded as *E. cingillella* (Herrich-Schäffer, 1855). On the basis of revision of the *E. cingillella* – complex *E. metella* was separated as a new taxon (KAILA & JUNNILAINEN 2002). The authors of this revision presented the first material of the species from Slovakia: Bratislava [7869], 9.5.1992, 1 ♂, 1 ♀, J. Liška leg., L. Kaila det., Zoological Museum Helsinki coll. Next records: Bratislava – Devínska Kobyla [7867], 9.5.1992, 4 ♂♂, 5.5.1995, 1 ♂, J. Liška leg., det. & coll.; same locality, 10.5.1992, 1 ♂, Šaľa [7873], 25.4.2007, 4 ♂♂, Z. Tokár leg., det. & coll.; Dubová [7187], 4.7.1991, 1 ♂, J. Liška leg., det. & coll.

We expect that all re-examined specimens of *E. cingillella* from Slovakia will really belong to *E. metella*. The species occurs in southern parts of middle and in south Europe. It has been reared from *Elymus repens* and *Brachypodium sylvaticum* (PARENTI 2005).

Elachista nolckeni Šulcs, 1992

Hliník nad Hronom [7478], 6.1962, 7 ex., J. Patočka leg., Central Slovak Museum Banská Bystrica coll.; NR Chotínske piesky [8175], 29.5.2008, 1 ♂, G. Pastorális leg., Hungarian Natural History Museum Budapest coll., all Z. Tokár det.

First recorded from Slovakia in DURBÁKOVÁ & TOKÁR (2007). Closely related to *E. subocellea* (Stephens, 1834) with scattered distribution from France, Switzerland and Italy through Central Europe to Latvia and Estonia. Found also in the Southern Ural Mountains (KAILA *et al.* 2003). BARAN *et al.* (2007) reared it from *Phleum phleoides*.

Elachista geminatella (Herrich-Schäffer, 1855) This species was separated from *E. regificella* Sircom, 1849 by KAILA *et al.* (2001). The following first Slovak record of *E. geminatella* was published there: Vráble [7775], 9.6.1987,

1 ♂, B. Å. Bengtsson leg. & coll. Next records of the species from Slovakia: Štiavnické vrchy Mts. – Sitno Mt. [7579], 26.7.1989, 1 ♂; Poľana Mts. [7382], 24.7.1991, 1 ♂; J. Patočka leg., J. Liška det. & coll.; Spišská Nová Ves [7089], 25.7.1986, 1 ♂, 16.7.1993, 1 ♂; Krivošľany [7197], 11.6.1991, 1 ♀; Vihorlat Mts. – Porúbka [7197], 2.7.1992, 1 ♀, 11.7.1992, 1 ♂; Kusín [7198], 8.6.1991, 1 ♂, 12.5.1998, 1 ♂, Z. Tokár leg., coll. & det.; Branisko Mts. [7091], 10.7.1992, 1 ♂, Z. Tokár leg. & det., Hungarian Natural History Museum Budapest coll.

The only reliable differences between both species are in the genitalia. Therefore the exact distribution of both species remains unclear until further material can be examined. The host plants of *E. geminatella* are *Luzula* spp. (PARENTI 2005).

COLEOPHORIDAE

Coleophora murinella Tengström, 1847

Suchá Hora [6684], 20.6.2008, 1 ♀, L. Srnka leg. & coll., 1 ♀, Ig. Richter leg., coll. & both det.

Widespread in the northern part of the Palaearctic region from Central and North Europe to Central Siberia. Known also from Canada (BALDIZZONE *et al.* 2006). Larva feeds on *Vaccinium vitis-idaea*. New species for Slovakia.

Coleophora variicornis Toll, 1952

NR Chotínske piesky [8175], 15.6.2005, 7 ♂♂, 3 ♀♀, Z. Tokár leg. & coll., G. Baldizzone coll. & det., 13. 6. 2007, 1 ♂, 3 ♀♀, Ig. Richter & G. Pastorális leg. & coll., 29.5.2008, 3 ♂♂, 6 ♀♀, Z. Tokár leg., coll. & det.

This species is rather common at the locality near Chotín, an approximately seven-hectare sandy dune. Known from France and Germany to Poland and from Italy through the Balkans, Turkey to Turkmenistan (NUSS & STÜBNER 2003, STÜBNER 2007). Foodplant is unknown. New species for Slovakia.

Coleophora aleramica Baldizzone & Stübner, 2007

First recorded from Slovakia in STÜBNER (2007) as Paratype: Trnovec nad Váhom [7873], 12.5.2004, 1 ♀, Z. Tokár leg. & coll., G. Baldizzone det.; Further Slovak records: NR Viniansky hradný vrch [7197], 4.7.1993, 1 ♂, 10.6.2006, 1 ♂, Z. Tokár leg. & coll., G. Baldizzone det.

Distribution: Italy, Austria, Croatia, Montenegro, Macedonia, Greece, Jordan, Turkey (STÜBNER 2007). Foodplant is unknown. New species for Slovakia.

Coleophora paucinotella Toll, 1961

Rybník [7777], 11.6.2007, 1 ♀ (e.l. *Stachys* sp.), Ig. Richter leg., coll. & det., 27.6.2008, 1 ♂; NP Slovenský kras – Hrhov [7390], 11.6.2000, 1 ♀, 2.7.2002, 2 ♀♀; NP Slovenský kras – Turňa [7391], 7.7.2001, 1 ♂, Z. Tokár leg., coll. & det.

This species is very similar in external appearance to *C. auricella* (Fabricius, 1794) and has been treated as a synonym of the latter. After a long study Baldizzone (pers. comm.) found that there are two valid species, with good differences in male and female genitalia. Identification was made on the basis of photographs of genitalia kindly given to us by G. Baldizzone. New species for Slovakia.

Coleophora dentiferella Toll, 1952

The first record of this species from Slovakia was published in BALDIZZONE & NEL (2004): NP Slovenský kras - Hradná stráň [7391], 10.5.2002, 1 ♀, Z. Tokár leg., det. & coll. However, BALDIZZONE *et al.* (2006) omitted it from Slovakia and reported its distribution in France, Italy, Austria, Hungary, Macedonia and Greece. Some years ago it was collected in the neighbouring Czechia (ŠUMPICH *et al.* 2007). It flies on south-facing limestone slopes with rocky and steppe vegetation. Foodplant is unknown.

Coleophora absinthii Wocke, 1876

Lakšárska Nová Ves [7468], 17.8.2001, 2 ♂♂, L. Srnka leg. & coll., Z. Tokár det.

Widely but scatterly distributed in the Palaearctic region from France and Italy through Central Europe, Fennoscandia, the Baltic States, European Russia and Caucasus as far as China (BALDIZZONE *et al.* 2006). The larva feeds on *Artemisia absinthium*. New species for Slovakia.

Coleophora kyffhusana Petry, 1898

Čenkov [8277], 9.5.2001, 2 ♂♂, J. Marek & G. Baldizzone leg., coll. & det.; NR Chotínske piesky [8175], 13-14.6.2007, 1 ♂, Ig. Richter leg. & coll., 1 ♂, 1 ♀, G. Pastorális leg. & coll., Z. Tokár det., 26.4.2008, 1 ♂, Iv. Richter leg. & coll., Ig. Richter det.

This species was recently found also in similar sandy localities in neighbouring Hungary (SZABÓKY *et al.* 2007). Previously it had been recorded only from more northern countries: Germany, Poland, Latvia and Sweden (BALDIZZONE *et al.* 2006). Foodplant is *Gypsophila fastigiata*. New species for Slovakia.

Coleophora subula (Falkovitsh, 1993)

Rybník [7777], 27.8.2006, 1 ♂, F. Kosorín leg. & coll., J. Tabel & A. Stübner det.; the same locality, 17.8.2007, 1 ♀; Kozárovce [7777], 18.8.2007, 1 ♀, Ig. Richter leg., coll. & det.

Adults were collected in xerothermic biotopes. This species was recently found as a new record for Central Europe in the Botanical Garden at Budapest in Hungary (SZABÓKY *et al.* 2007). Previously it had been reported only to the east of the Volga River (BALDIZZONE *et al.* 2006). Foodplant and life history are unknown. New species for Slovakia.

SCYTHRIDIDAE

Scythris disparella (Tengström, 1848)

Látkovce [7275], 1.6.2007, 2 ♂♂, 1 ♀, Iv. Richter leg. & coll., Ig. Richter det.

Distribution in Europe: Spain, France, Croatia, Macedonia, Germany, Austria, Norway, Sweden, Latvia, Belarus, Ukraine, Russia (BENGTSSON 2007) and Czechia (VÁVRA *et al.* 2008). Foodplant is *Lathyrus pratensis*. New species for Slovakia.

GELECHIIDAE

Aristotelia decoratella (Staudinger, 1879)

Štiavnické vrchy Mts. – Rybník [7777], 27.6.2008, 1 ex., Ig. Richter leg., det. & coll., 1 ♂, F. Kosorín leg., det. & coll., 7.7.2008, 1 ex., Iv. Richter leg. & coll., Ig. Richter det., 18.7.2008, 2 ♂♂, F. Kosorín leg., det. & coll.

A south European species ranging from Portugal to Russia. In central Europe it has been recorded from Switzerland, Hungary (ELSNER *et al.* 1999) and Germany (BIESENBAUM 2003). Larva is unknown. New species for Slovakia.

Metzneria intestinella (Mann, 1864)

Štiavnické vrchy Mts. – Rybník [7777], 27.6.2004, 1 ♂, 16.6.2006, 1 ex., F. Kosorín leg., det. & coll.

Both specimens were collected by sweeping xerothermic vegetation. A southern European species extending northward to Romania, Hungary and now Slovakia. Foodplant is unknown. New species for Slovakia.

Bryotropha patockai Elsner & Karsholt, 2003

The authors of the description give the following type material from Slovakia: Holotype: ♂, NP Slovenský raj [7088], 15.6.1977, J. Patočka leg., Zoological Museum, Copenhagen coll.; Paratypes: Blatnica [7079], 6.1975, 1 ♂; NP Slovenský raj [7088], 27.6.1978, 2 ♂♂, J. Patočka leg., Central Slovak Museum Banská Bystrica coll., 14.7.1992, 1 ♀, J. Patočka leg. & coll.; Novoveská Huta [7089], 15.7.1994, 1 ♀, Z. Tokár leg., Zoological Museum, Copenhagen coll.; NP Veľká Fatra – Veľká Skalná [7080], 7.7.1995, J. Patočka leg., Z. Tokár coll., all A. L. M. Rutten det. The next record from Slovakia: NP Nízke Tatry – Il'anovská dolina [7083], 17.7.2006, 1 ♂, Ig. Richter leg., det. & coll.

Scrobipalpa halonella (Herrich-Schäffer, 1854)
NP Slovenský kras - Vidová [7488], 31.5.2003, 1 ♂, Z. Tokár leg., det. & coll.

A rather rare species in Europe with a scattered distribution: France, Italy, Austria, Hungary and Russia (HUEMER & KARSHOLT 2010). Larva mines the leaves of *Centaurea scabiosa*, *Artemisia campestris*, *A. absinthium*. New species for Slovakia.

Syncopacma larseniella Gozmány, 1957

Suchá Hora [6684], 14.7.2007, 2 ♂♂, Iv. Richter leg. & coll., Ig. Richter det.

The main area for this species is north-western Europe. In Central Europe it is known from scattered localities in Germany, Czechia, Austria, Poland and Romania. The larva feeds on leaves of *Lotus pedunculatus* (= *L. uliginosus*). New species for Slovakia.

TORTRICIDAE

Eucosma tripoliana (Barrett, 1880)

One very old voucher of the species from Slovakia was found in the collection of Hungarian Natural History Museum Budapest: Trencsén (Trenčín) [7174], 3.8.1909, 1 ♂, Uhrik leg., Z. Tokár det.

From the adjacent countries it is known only from several Hungarian localities. The current

record: Vác, Naszály, 2007 (SZABÓKY 2008). Foodplant is *Aster tripolium* and *Aster amellus*. The young larva feeds on seeds and the full-grown larva makes a cocoon on the ground, where it hibernates. New species for Slovakia.

Gravitar mata margarotana (Heinemann, 1863) Zemplínske vrchy – Medový vrch [7488], 2.5.2003, 1 ♂, Z. Tokár leg., det. & coll.; Mikulášov [7468], 1.5.2004, 1 ♀, Iv. Richter leg. & coll., Ig. Richter det.

The species has a palaearctic distribution from SW and W Europe (Spain, France, Belgium, the Netherlands) to East Asia (China, Korea, Japan). Larvae can cause extensive damage to pine cones. Adults occur in spring from April to May. New species for Slovakia.

Grapholita andabatana (Wolff, 1957)

Krompachy [7091], 8.6.1999, 1 ♀, F. Kuraj leg. & coll., Z. Tokár det.

This species has a widely scattered distribution and hitherto it has been recorded from France, Switzerland, Italy, Austria, Denmark, Poland, Russia and Japan. The nearest locality to our record is in the Polish part of the Pieniny Mts. (KUBASIK & WASALA 2007). The larva feeds on *Sorbus aucuparia*. New species for Slovakia.

Dichrorampha agilana (Tengström, 1848)

Lučivná [6986], 19.6.2005, 2 ♀♀, Iv. Richter leg. & coll., Ig. Richter det.

Distribution: from Iberian Peninsula to Ukraine and the European part of Russia (RAZOWSKI 2003). The larva mines the upper part of the shoot of *Achillea millefolium*. New species for Slovakia.

PYRALIDAE

Gymnancylla canella (Denis & Schiffermüller, 1775)

Mužla [8278], 12.7.2008, 1 ♂, J. Němý leg., det. & coll.

The species is known from all neighbouring countries of Slovakia (Czechia, Austria, Hungary, Ukraine, Poland). It was collected not far from our locality on the other side of the Danube river, in Győr (HORVÁTH 1993). The larva feeds on stems, shoots and seeds of *Salsola*, *Salicornia* or *Atriplex* (SLAMKA 1997). New species for Slovakia.

CRAMBIDAE

Catoptria combinella (Denis & Schiffermüller, 1775)

Tatra NP – Západné Tatry Mts. – Sedlo Závory – Valentková [6786], 2000 m, 20.7.1995, 1 ♂, 20.7.2006, 1 ♂, M. Česánek leg. & coll., Iv. Richter & F. Slamka det.

These records were already mentioned in SLAMKA (2008) but without specific data. The species has been recorded from the Alps, the Carpathians and very distantly also from Buryatia, Western Transbaikalia (SHODOTOVA 2008). Larva and early stages are unknown.

Evergestis alborivulalis (Eversmann, 1844)

NP Slovenský kras – Hačavská planina [7391], 560 m, 31.7.-5.8.1998, 1 ex., 7.-10.8.2000, 1 ex., 1.-10.8.2001, cca 30 ex., 16.7.-22.7.2003, 8 ex., 15.7.-30.7.2009, 5 ex., S. Böhm leg., det. & coll.

This species has a widely scattered distribution and hitherto it has been recorded from Spain, Bosnia and Herzegovina, Bulgaria, Ukraine – Crimea, Russia – the Ural Mountains, Southern Siberia (Irkutsk Oblast, Buryatia), Kazakhstan, Turkey (MARTIN 1986, SHODOTOVA 2008). The nearest localities to our record are in Hungarian Mátra and Bükk Mts. (FAZEKAS 1998). Foodplant and life history are unknown. Adults occur from April to August, probably in two generations. New species for Slovakia.

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BALDIZZONE, G. & NEL, J., 2004: Description d'une nouvelle espèce du genre *Coleophora* Hübner: *C. retrodentella* Baldizzone & Nel, sp. n., de France et d'Italie (Lepidoptera: Coleophoridae). *SHILAP Revista de Lepidopterología*, 32 (126): 161-167.

BALDIZZONE, G., WOLF VAN DER, H. & LANDRY, J.-F., 2006: Coleophoridae, Coleophorinae (Lepidoptera). In: World Catalogue of Insects, 8: 1-215.

BARAN, T., MAZURKIEWICZ, A. & PAŁKA, K., 2007: Przyczynek do poznania fauny *Elachistidae* (Lepidoptera: Gelechioidea) południowo-wschodniej Polski (Contribution to the knowledge of

- Elachistidae* fauna (Lepidoptera: Gelechioidea) from south-eastern Poland). *Wiadomości Entomologiczne*, **26** (2): 103-113.
- BARANIAK, E., KULFAN, J. & PATOČKA, J., 2003: *Argyresthia tatraca* sp. n. (Lepidoptera, Yponomeutidae, Argyresthiinae) – a new Lepidoptera species feeding on *Larix decidua* in the Tatra Mts. *Mitteilungen aus dem Museum für Naturkunde in Berlin, Deutsche Entomologische Zeitschrift*, **50** (2): 231-236.
- BENGTSSON, B. Å., 2007: Family Scythrididae. In: Karsholt, O. & Nieuwerkerken, E. J. van (eds.): Lepidoptera, Moths. Fauna Europaea version 1.3, <http://www.faunaeur.org> (visited April, 2009).
- BIDZILYA, A. V., BUDASHKIN, YU. I. & KOSTJUK, I. YU., 1998: Dopolnenia k faune mikrocheshuekrylyh (Microlepidoptera) Zabajkalya. *Journal of the Ukrainian Entomological Society*, **4** (1-2): 33-63.
- BIESENBAUM, W., 2003: Die Lepidopterenfauna der Rheinlande und Westfalens. Band 11. Familie Gelechiidae Stainton, 1854 – Unterfamilie Gelechiinae Stainton, 1854 – Tribus Apatetrini (mit Fundortlisten, Fundortkarten und Farbabbildungen). Arbeitsgemeinschaft rheinisch-westfälischer Lepidopterologen e.V., Verein für Schmetterlingskunde und Naturschutz, Leverkusen, 151 pp.
- BURMANN, K., 1988: Beiträge zur Microlepidopteren-Fauna Tirols. XII. Oecophorinae (Insecta: Lepidoptera, Oecophoridae). *Bericht des Naturwissenschaftlich - medizinischen Vereins in Innsbruck*, **75**: 227-239.
- DE PRINS, W. & DE PRINS, J., 2005: Gracillariidae (Lepidoptera). In: World Catalogue of Insects, **6**: 1-502.
- DUBATOLOV, V. V., 2007: To the knowledge of small moths (Microlepidoptera) of the Bolshekhkhtsirskii Nature Reserve (Khabarovsk District). 1st report. Eriocraniidae, Adelidae, Incurvariidae, Prodoxidae, Nepticulidae, Opostegidae, Tineidae. In: Zhivotnyj mir Dal'nego Vostoka, **6**: 43-46.
- DURBÁKOVÁ, E. & TOKÁR, Z., 2007: Zbierkový fond bezstavovcov Stredoslovenského múzea a prehľad jeho typového materiálu a zbierkových predmetov I. kategórie (Collections of invertebrates in the Central Slovak Museum: List of type and specimens of the 1st category). *Stredné Slovensko (Central Slovakia)*, **11**: 79-88.
- ELSNER, G., HUEMER, P. & TOKÁR, Z., 1999: Die Palpenmotten (Lepidoptera, Gelechiidae) Mitteleuropas. Bestimmung – Verbreitung – Flugstandort – Lebensweise der Raupen. František Slamka, Bratislava, 208 pp.
- ELSNER, G. & KARSHOLT, O., 2003: *Bryotropha patockai* sp. n. – a new species of Gelechiidae from eastern Central Europe (Lepidoptera). *Entomologische Zeitschrift*, Stuttgart, **113** (3): 72-74.
- ELSNER, G., LIŠKA, J. & PETRŮ, M., 2008: Eine neue Art der Gattung *Lypusa* Zeller, 1852 (Lepidoptera: Lypusidae). *Entomologische Zeitschrift*, Stuttgart, **118** (3): 107-112.
- FAZEKAS, I., 1998: Daten zur Kenntnis der Pyraloidea-Fauna Ungarns (Nr. 1.). *Folia comloensis*, **7**: 49-66.
- GAEDIKE R. & TOKÁR, Z., 2010: *Pelecystola fraudulentella* (Zeller, 1852) discovered in Slovakia, a third locality record (Tineidae). *Nota lepidopterologica*, **33** (1): 25-29.
- HABELER, H., 1999: Lepidopterologische Nachrichten aus der Steiermark, 17 (Lepidoptera). *Joannea Zoologie*, **1**: 13-19.
- HÄTTENSCHWILER, P., 1997: Die Sackträger der Schweiz (Lepidoptera, Psychidae). In: Schmetterlinge und Ihre Lebensräume. Arten – Gefährdung – Schutz. Band **2**: 165-308, 582-589. Pro Natura - Schweizerischer Bund für Naturschutz, Basel.
- HORVÁTH, GY. J., 1993: Adatok a Szigetköz lepkefaunájának ismeretéhez (Lepidoptera). *Folia Entomologica Hungarica. Rovartani közlemények*, **54**: 170-185.
- HUEMER, P. & KARSHOLT, O., 2010: Gelechiidae II (Gelechiinae: Gnorimoschemini). In P. Huemer, O. Karsholt & M. Nuss (eds): *Microlepidoptera of Europe*, **6**: 1-586.

- KAILA, L., BENGTSSON, B. Å., ŠULCS, I. & JUNNILAINEN, J., 2001: A revision of the *Elachista regificella* Sircom – complex (Lepidoptera: Elachistidae). *Entomologica Fennica*, **12** (3): 153-168.
- KAILA, L. & JUNNILAINEN, J., 2002: Taxonomy and identification of *Elachista cingillella* (Herrich-Schäffer, 1855) and its close relatives (Lepidoptera: Elachistidae), with descriptions of two new species. *Entomologica Fennica*, **13** (3): 167-188.
- KAILA, L., NUPPONEN, K., JUNNILAINEN, J., NUPPONEN, T., KAITILA, J.-P. & OLSCHWANG, V., 2003: Contribution to the fauna of Elachistidae (Lepidoptera) of the Southern Ural Mountains. *Entomologica Fennica*, **14** (2): 65-90.
- KARSHOLT, O., 2007: Families Acanthopteroctetidae, Axiidae, Castniidae, Cossidae, Drepanidae, Eriocottidae, Eriocraniidae, Gelechiidae, Heterogynidae, Limacodidae, Lypusidae, Micropterigidae, Roeslerstammiidae, Somabrachyidae, Uraniidae. In: Karsholt, O. & Nieukerken, E. J. van (eds.): Lepidoptera, Moths. Fauna Europaea version 1.3, <http://www.faunaeur.org> (visited April, 2009).
- KARSHOLT, O. & NIEUKERKEN, E. J. VAN (eds.): Lepidoptera, Moths. Fauna Europaea version 2.4, <http://www.faunaeur.org> (Hierarchy version) (visited February, 2011).
- KOZLOV, M. B., 1997: Eriocraniidae – berezevye moli. In: Opredelitel' nasekomykh Dal'nego Vostoka Rosii. T. 5. Ruchejniki i cheshuekrylye. Ch. 1: 265-271. Vladivostok, Dal'nauka.
- KUBASIK, W. & WASALA, R., 2007: *Grapholita (Aspila) andabatana* (Wolff, 1957) (Lepidoptera: Tortricidae) - a new species for the Polish fauna. *Polish Journal of Entomology*, **76** (3): 239-241.
- LAŠTŮVKA, A. & LAŠTŮVKA, Z., 1997: Nepticulidae Mitteleuropas. Ein illustrierter Begleiter. Konvoj, Brno, 230 pp.
- LAŠTŮVKA, A. & LAŠTŮVKA, Z., 2004: *Stigmella stettinensis* (Heinemann), an overlooked species of the *Stigmella oxyacanthella*-group (Lepidoptera, Nepticulidae) in Europe. *Acta universitatis agriculturae et silviculturae Mendelianae Brunensis* (Brno), **52** (4): 17-24.
- LAŠTŮVKA, A. & LAŠTŮVKA, Z., 2006: The European *Phyllonorycter* species feeding on the plants of the tribe Genisteae (Fabaceae), with descriptions of twelve new species (Lepidoptera: Gracillariidae). *Acta universitatis agriculturae et silviculturae Mendelianae Brunensis* (Brno), **54** (5): 65-83.
- LINDEBORG, M. & BENGTSSON, B. Å., 2009: On the remarkable find of *Pelecystola fraudulentella* (Zeller, 1852) in Sweden (Lepidoptera: Tineidae). *Entomologisk Tidskrift*, **130** (1): 73-79.
- LIŠKA, J., LAŠTŮVKA, A., LAŠTŮVKA, Z., PETRŮ, M. & VÁVRA, J., 2005: Faunistic records from the Czech Republic - 182. Lepidoptera. *Klapalekiana*, **41**: 81-83.
- LIŠKA, J., VÁVRA, J., PETRŮ, M., KRÁLÍČEK, M., LAŠTŮVKA, A., LAŠTŮVKA, Z., MAREK, J., ŠUMPICH, J. & UŘIČÁŘ, J., 2008: Faunistic records from the Czech Republic – 262. Lepidoptera. *Klapalekiana*, **44**: 289-292.
- MARTIN, M. O., 1986: Pyraustidae – širokokrylye ognivki. In: Medvedev, G. S. (ed.): Opredelitel' nasekomykh evropejskoj chasti SSSR. Leningrad, Nauka, **4** (3): 340-429.
- MEY, W., 2007: Families Bucculatricidae, Bedellidae, Lyonetiidae, Galactiidae. In: Karsholt, O. & Nieukerken, E. J. van (eds.): Lepidoptera, Moths. Fauna Europaea version 1.3, <http://www.faunaeur.org> (visited April, 2009).
- NUSS, M. & STÜBNER, A. 2003: *Coleophora variicornis* Toll, 1952 stat. rev. is a distinct species occurring in Central Europe (Coleophoridae). *Nota lepidopterologica*, **26** (1/2): 27-34.
- PANIGAJ, L., 2006: First record of *Digitivalva granitella* (Lepidoptera, Acrolepiidae) from Slovakia and other remarkable species of the genus *Digitivalva*. *Biologia*, Bratislava, **61** (5): 596.
- PARENTI, U., 2005: Notes on the bionomy of *Elachista cingillella* (Herrich-Schäffer, 1855) and *Elachista geminatella* (Herrich-Schäffer, 1855) (Lepidoptera: Elachistidae). *SHILAP Revista de Lepidopterología*, **33** (129): 25-30.
- PASTORÁLIS, G., SZABÓKY, CS. & TOKÁR, Z., 2000: Molyfaunisztikai újdonságok IV. *Folia Entomologica Hungarica*, **61**: 278-280.

- PATOČKA, J., 1982: Príspevok k faunistike Lepidopter Slovenska. *Entomologické problémy*, **17**: 133-157.
- RAZOWSKI, J., 2003: Tortricidae (Lepidoptera) of Europe. Volume 2. Olethreutinae. František Slamka, Bratislava, 301 pp.
- SHODOTOVA, A. A., 2008: Pyralid moths (Lepidoptera, Pyraloidea) of Buryatia. Family Crambidae. *Entomological Review*, **88** (3): 286-295.
- SLAMKA, F., 1997: Die Zünslerartigen (Pyraloidea) Mitteleuropas. Bestimmen - Verbreitung - Flugstandort - Lebensweise der Raupen. František Slamka, Bratislava, 112 pp.
- SLAMKA, F., 2008: Pyraloidea of Europe (Lepidoptera). Volume 2. Crambinae & Schoenobiinae. Identification - Distribution - Habitat - Biology. František Slamka, Bratislava, 223 pp.
- STÜBNER, A., 2007: Taxonomische Revision der *Coleophora frischella*-Artengruppe (Coleophoridae). *Nota lepidopterologica*, **30** (1): 121-172.
- SZABÓKY, CS., TOKÁR, Z. & PASTORÁLIS, G., 2007: New data to the Microlepidoptera fauna of Hungary, part X. (Lepidoptera: Gracillariidae, Nepticulidae, Elachistidae, Coleophoridae, Gelechiidae, Tortricidae). *Folia Entomologica Hungarica*, **68**: 137-142.
- SZABÓKY, CS., 2008: New data to the Microlepidoptera fauna of Hungary, part XI, and *Hypoepa fractalis* in Hungary (Lepidoptera: Adelidae, Ypsolophidae, Gelechiidae, Tortricidae, Noctuidae). *Folia Entomologica Hungarica*, **69**: 189-192.
- ŠUMPICH, J., ŽEMLIČKA, M., ČÍLA, P., HEŘMAN, P., LIŠKA, J., ELSNER, G., MAREK, J., LAŠTŮVKA, A., SKYVA, J., MIKÁT, M. & ROTTER, M., 2007: Faunistic records from the Czech Republic - 225. Lepidoptera. *Klapalekiana*, **43**: 79-84.
- TOKÁR, Z., LVOVSKY, A. & HUEMER, P., 2005: Die Oecophoridae s.l. (Lepidoptera) Mitteleuropas. Bestimmung - Verbreitung - Habitat - Bionomie. František Slamka, Bratislava, 120 pp.
- TOKÁR, Z., RICHTER, I., PASTORÁLIS, G. & SLAMKA, F., 2002: New and interesting records of Lepidoptera of Slovakia from the years 1998-2001, *Entomofauna carpathica*, **14** (1-2): 1-11.
- VÁVRA, J., LIŠKA, J., NĚMÝ, J., DOBROVSKÝ, T., ELSNER, G., LAŠTŮVKA, A., LAŠTŮVKA, Z., PETRŮ, M., ŠIMAN, L., ŠUMPICH, J. & TOMÁŠ, P., 2008. Faunistic records from the Czech Republic - 257. Lepidoptera. *Klapalekiana*, **44**: 87-92.
- WEIDLICH, M., 1996: Eine neue Psychide aus Nordungarn - *Brevantennia herrmanni* n. sp. (Lep., Psychidae). *Entomologische Nachrichten und Berichte*, **40** (3): 165-168.
- ZELLER-LUKASHORT, H. CH., KURZ, M. E., LEES, D. C. & KURZ, M. A., 2007: A review of *Micropterix* Hübner, 1825 from northern and central Europe (Micropterigidae). *Nota lepidopterologica*, **30** (2): 235-298.
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