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FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 470

Lepidoptera:

Meessiidae

Eudarcia richardsoni (Walsingham, 1900). Moravia mer., Valtice env., Rendezvous (7266), 16.vi.2018, 2 ♂♂ (Fig. 1), at light, J. Sitek lgt., det. et coll. For a long time this species was known only from Portland and the Isle of Purbeck in southern England (Pelham-Clinton 1985) and so was believed to be endemic. Other findings from Croatia (in 2001) and Switzerland (in 2011) have been published so far by Schmid (2013). Unlike previously known locations, the habitat in Valtice is an old thermophilic oak (*Quercus cerris*) forest on sand. New species for the Czech Republic.

Eudarcia kasyi (G. Petersen, 1971). Moravia mer., Brno-Obřany (6765), 220 m a.s.l., 29.v.2016, 1 ♀, at light, J. Marek lgt. et coll., J. Sitek det., 3.–4.vi.2017, 17 ♂♂ (Fig. 2), 6 ♀♀, J. Sitek, J. Marek and A. Florián lgt., det. et coll. Females were attracted to artificial ultraviolet light at night, males were flying between railway rails early in the morning before sunrise while the locality was experiencing heavy railway traffic. Known from the Balkan Peninsula (Albania, Bulgaria, Greece and Macedonia). Only one record has been published from central Europe, from Slovakia, where the moths were caught in the early morning between railway rails at Galanta (7771) station (Gaedike 2015, Tokár et al. 2015). It seems likely that this species spreads along railway lines in central Europe. New species for the Czech Republic.

Tineidae

Cephimallota angusticostella (Zeller, 1839). Moravia mer., Mikulov, Svatý kopeček Hill (7165), 270 m a.s.l., 24.vi.2017, 1 ♂ (Fig. 3), 6.vii.2017, 1 ♂, 31.v.2018, 2 ♂♂, at light, J. Sitek lgt., det. et coll. Until recetly it has been confused with a similar *C. crassiflavella* Bruand, 1851. Known from southern, south-eastern and part of central (Germany, Austria, Hungary and Slovakia) Europe, Ukraine, Russia, Armenia, Turkey and Cyprus (Gaedike & Mally 2011). Gaedike & Mally (2011) also reports two findings from the Czech Republic but without any detailed information. Several records from central and northern Bohemia have recently been published by Liška et al. (2018). New species for Moravia.

Trichophaga scandinaviella Zagulayev, 1960. Moravia mer.: Želešice (6965) near Brno, 8.viii.2002, 1 ♂; Mohelno env., Mohelenská hadcová step National Nature Reserve (6863), 24.ix.2013, 1 ♂, both J. Marek lgt. and coll., J. Sitek det.; Kladeruby nad Oslavou, Údolí Oslavy a Chvojnice Nature Reserve, Vlčí kopec Hill (6863), 400 m a.s.l., 17.v.2005, 1 ♀ (gen. prep. Šumpich 19011); Pavlovské vrchy Hills, Děvín-Kotel-Soutěska National Nature Reserve (7165), 28.vi.2005, 1 ♂ (gen. prep. Šumpich 19012), both J. Šumpich lgt., det. et coll.; Terasy u Ječmeniště (7262) near Znojmo, 270 m a.s.l., 18.viii.2006, 1 ♀, at light; Havraníky env., Nad Papírnou (7161), 350 m a.s.l., 26.ix.2012, 1 ♀ (Fig. 4), at light, both J. Sitek lgt., det. et

coll.; Podyjí National park, Čížov-Kozí stezky (7161), 12.viii.2008, 1 ♂, at light; Valtice-Boří Dvůr (7266), 30.viii.2012, 1 ♂, 18.viii.2013, 1 ♂; Bořetice-Zázmoníky (7067), 7.vi.2009, 1 ♀, at light, all J. Liška lgt., det. et coll.; Jevišovka env., Travní Dvůr Natural Monument (northern part) (7164), 175 m a.s.l., 12.ix.2015, 1 ♀, at light, A. Florián lgt., det. et coll. All these occurrences seem to be non-synanthropic. Known from Scandinavia (Denmark, Finland, Norway, Sweden), Baltic countries (Latvia, Lithuania) and the European part of Russia (Gaedike 2013a), recently published from Iran (Gaedike 2013b) and Slovakia (Štefanovič 2018), unpublished records known from Hungary (J. Liška lgt.). Probably more widespread, but confused with related species, especially with *Trichophaga tapetzella* (Linnaeus, 1758). New species for the Czech Republic.

Tortricidae

Pelochrista decolorana (Freyer, 1840). Moravia mer.: Sedlec env., Slanisko u Nesytu National Nature Reserve (7266), 175 m a.s.l., 27.vii.2018, 5 ♂♂, 1 ♀, at light, J. Liška and J. Sitek lgt., det. et coll., 8.viii.2018, about 10 ♂♂, 23.viii.2018, several spec., 13.ix.2018, several spec.; Rakvice env., Trkmanský Dvůr (7167), 165 m a.s.l., 17.viii.2018, more than 30 spec. (Fig. 5), all at light, all J. Sitek observ., lgt., det. et coll. Known from many countries of Europe from Spain to Russia, including all neighbours of Czech Republic (Aarvik 2013). Outside Europe distributed in southern Siberia, from Transcaucasia to Kazakhstan, Transbaikal, Amur area, Mongolia, north-eastern China, Korea and Japan (Razowski 2003). New species for the Czech Republic.

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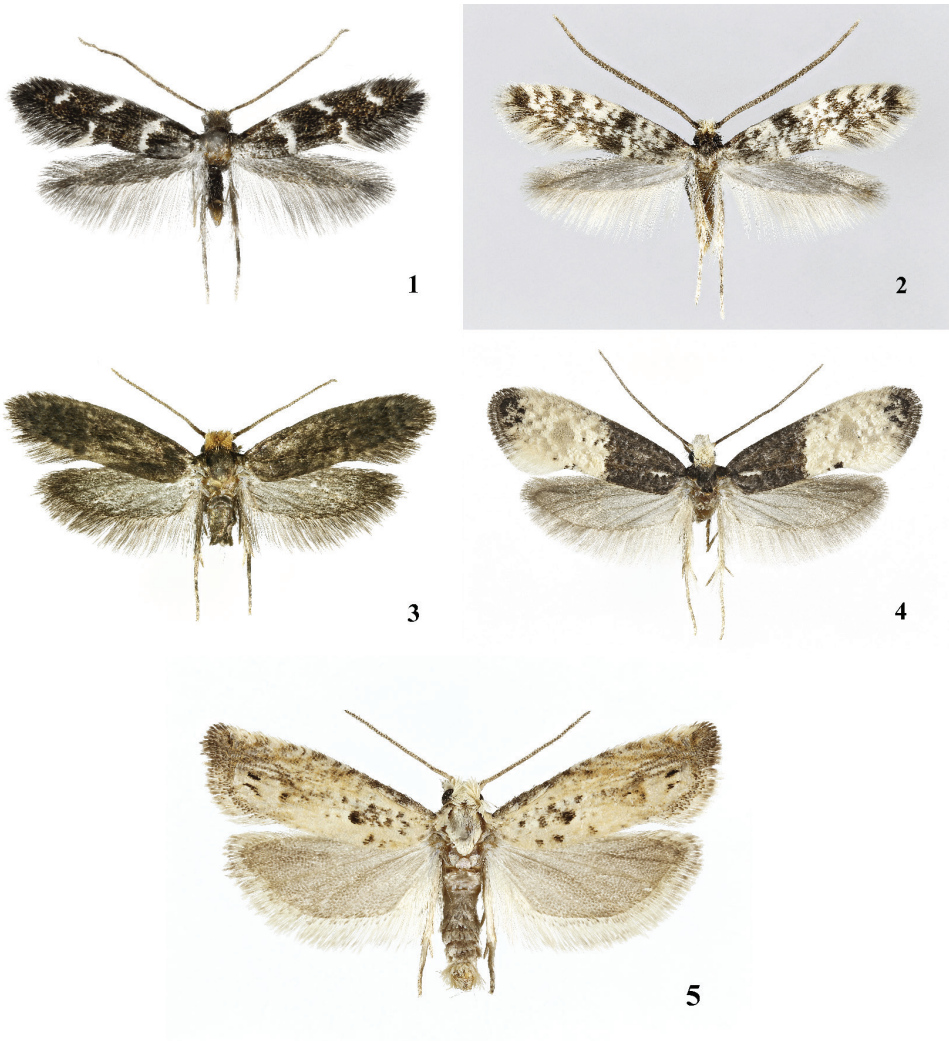
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Figs 1–5. Voucher specimens of recorded species. 1 – *Eudarcia richardsoni* (Walsingham, 1900), Valtice, ♂, wingspan 7.5 mm. 2 – *Eudarcia kasyi* (G. Petersen, 1971), Brno-Obřany, ♂, wingspan 10 mm. 3 – *Cephimallota angusticostella* (Zeller, 1839), Mikulov, ♂, wingspan 11 mm. 4 – *Trichophaga scandinaviella* Zagulayev, 1960, Havraníky, ♀, wingspan 16 mm. 5 – *Pelochrista decolorana* (Freyer, 1840), Rakvice, ♂, wingspan 11 mm. Photographs J. Sitek.
Obr. 1–5. Sbírkové doklady zaznamenaných druhů. 1 – *Eudarcia richardsoni* (Walsingham, 1900), Valtice, ♂, rozpětí křídel 7,5 mm. 2 – *Eudarcia kasyi* (G. Petersen, 1971), Brno-Obřany, ♂, rozpětí křídel 10 mm. 3 – *Cephimallota angusticostella* (Zeller, 1839), Mikulov, ♂, rozpětí křídel 11 mm. 4 – *Trichophaga scandinaviella* Zagulayev, 1960, Havraníky, ♀, rozpětí křídel 16 mm. 5 – *Pelochrista decolorana* (Freyer, 1840), Rakvice, ♂, rozpětí křídel 11 mm. Fotografie J. Sitek.

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