

RARE AND NEW FOR LITHUANIA SPECIES OF LEPIDOPTERA

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Introduction

After examination of newly collected and preserved material in the collection of the Laboratory of Entomology (Nature Research Centre) some new and rare Lepidoptera species were determined.

New data on 2 new and 95 rare Lepidoptera species from 19 families are presented in this paper.

Material and Methods

The majority of data were collected during field investigations by the authors P. Ivinskis (P.I.) and J. Rimšaitė (J.R.), some data – by R. Butvila (R.B.) and V. Jusys (V.J.). Breeding from larvae, netting, light and wine trapping were used to collect moths. Light trapping with screen (160 W mixed light lamp) and automatic traps with 300 W solar type lamps were used. The material was identified according Bengtsson *et al.*, 2008, Bengtsson & Johansson, 2011, Slamka, 2010. Data on distribution and faunistics follows Ivinskis, 2004. Taxonomical treatment and distribution follows the Fauna Europaea database (Karsholt & Nieuwerkerken, 2013). The specimens are deposited in the collection of Nature Research Centre. Species new for the Lithuanian fauna are marked with an asterisk (*).

List of localities

Antanai	Švenčionys district	55°14'05.6"N, 26°40'12.8"E;
Arvydai	Vilnius district	54°47'46.1"N, 25°33'45.7"E;
Babtų Miškas f.	Kaunas district	55°04'38.6"N, 23°51'06.7"E;
Baltoji Vokė	Šalčininkai district	54°31'37.4"N, 25°11'11.5"E;
Bariūnai, Satkūnai Miškas f.	Joniškis district	56°16'14.7"N, 23°38'56.7"E;
Beržoras	Plungė district	56°00'56.2"N, 21°49'53.6"E;
Biržų Giria f.	Biržai district	56°12'57.3"N, 24°59'46.5"E;
Bitėnai	Pagėgiai municipality	55°03'36"N, 22°02'42"E;
Buckūnai	Lazdijai district	54°19'46"N, 23°41'52"E;
Būtingė	Palanga municipality	56°03'59"N, 21°04'00"E;
City centre	Vilnius municipality	54°41'22.5"N, 25°16'48.4"E;
Didieji Mostaičiai	Plungė district	55°45'49.8"N, 21°43'55.0"E;
Dukstyna entomological preserve	Ukmergė district	55°16'46.1"N, 24°51'00.9"E;
Dūkštų Ažuolynas f.	Vilnius district	54°50'35"N, 24°58'13"E;
Eglynlaukis preserve	Joniškis district	56°08'09.8"N, 23°28'03.0"E;

Juodkrantė	Curonian spit	55°31'20.6"N, 21°06'56.7"E;
Kalniškės	Vilnius district	54°50'48.5"N, 25°10'38.6"E;
Kašėtos	Varėna district	54°05'26.4"N, 24°35'49.0"E;
Kirnė	Švenčionys district	55°00'49.4"N, 25°32'19.5"E;
Kukliai	Švenčionys district	55°15'13"N, 25°57'33"E;
Lakaja	Švenčionys district	55°07'46.5"N, 25°50'25.9"E;
Metelytė	Lazdijai district	54°19'51.8"N, 23°44'47.7"E;
Naglių rezerve, 29 km	Curonian spit	55°27' 54.6"N, 21°04'44.1"E;
Oginskio Park	Plungė municipality	55°54' 57"N, 21°51'01"E;
Padumbliai	Lazdijai district	54°01'24.6"N, 23°40'21.8"E;
Pakirniai	Švenčionys district	55°00'41.0"N, 25°32'32.5"E;
Pamerkiai	Varėna district	54°18'36"N, 24°43'36"E;
Pauosupė	Varėna district	54°05'47"N, 24°34'33"E;
Pavikšrupis, Kunioniai f.	Kėdainiai district	55°13'31.2"N, 23°46'21.8"E;
Perloja	Varėna district	54°12'28"N, 24°22'32"E;
Plomėnai bog	Trakai district	54°38'44,9"N, 24°54'49,5"E;
Pravieniškių Miškas f.	Kaišiadorys district	54°56'04"N, 24°15'21"E;
Raguvos Miškas f.	Panevėžys district	55°33'36.3"N, 24°34'16.4"E;
Raudondvaris	Kaunas district	54°56'10"N, 23°45'22"E;
Renavas park	Mažeikiai district	56°13'27.2"N, 22°03'28.1"E;
Serapiniškės	Trakai district	54°37'38,2"N, 24°59'09,0"E;
Smėlynė	Vilnius municipality	54°45'00.5"N, 25°22'42.2"E;
Stojai	Varėna district	54°01'07"N, 24°47'7"E;
Šešuolėliai park	Širvintos district	55°04'40"N, 25°03'52"E;
Šešuva preserve	Kaišiadorys district	54°56'14"N, 24°14'56"E;
Tyrų Pelkė bog	Klaipėda district	55°34'19.1"N, 21°13'11.2"E;
Užutrakis	Trakai district	54°40'00.4"N, 24°57'02.1"E;
Verkiai	Vilnius municipality	54°46'12.78"N, 25°18'17.72"E;
Žagarė park	Joniškis district	56°21'31.6"N, 23°16'09.9"E;
Žagarės Miškas f.	Joniškis district	56°16'58"N, 23°11'17"E.

List of species

NEPTICULIDAE

Stigmella prunetorum (Stainton, 1855)

Didieji Mostaičiai, 22 07 2015, numerous mines on *Prunus domestica*.

HEPIALIDAE

Pharmacis lupulina (Linnaeus, 1758)

Juodkrantė, cormorant colony, 03 06 2013, 1 spec.; Kalniškės, 07 06 2014, 1 spec.

GRACILLARIIDAE

Dialectica imperialella (Zeller, 1847)

Juodkrantė, 11 08 2014, several mines on *Symphytum officinale*; Raudondvaris, 14 08 2014, several mines on *Symphytum officinale*; Tyrų Pelkė bog, 28 08 2014, mines on *Symphytum officinale*, 1 imago emerged 10 02 2015; 05 07 2015 few mines on *S. officinale*, imago, 3 spec. 29 07 2015.

Caloptilia falconipennella (Hübner, 1813)

Kalniškės, 21 04 2014, 1 spec., 11 10 2015, 1 spec., 11-18 10 2015, 1 spec. (P.I.).

PLUTELLIDAE

***Rhigognostis hufnageli* (Zeller, 1839)**

Dūkštų Ažuolynas f., 15 09 2015, 1 spec.; Perloja, 01 06 2013, 1 spec., 22 04 2014, 1 spec. 31 08 2015, 11 spec.; Smėlynė, 03 08 2014, 1 spec.

COLEOPHORIDAE

***Coleophora lineolea* (Haworth, 1828)**

Vilnius, city centre, 02 06 till 30 06 2015 numerous mines and sacks on *Stachys argentea*, imago in late June–July.

***Coleophora saponariella* Heeger, 1848**

Buckūnai, 20 08 2014; Lakaja, 04 09 2014; Kašėtos, 15 07 2015; Metelytė, 20 08 2014, mines and cases abundant; Raudondvaris, 15 08 2014, abundant mines and sacks on *Saponaria officinalis*.

GELECHIIDAE

***Helcystogramma albinervis* (Gerasimov, 1929)**

Kalniškės, 28 07 2014, 1 spec. (P.I.); Pamerkiai, 18 09 2015, 6 spec.; Smėlynė, 03 08 2014, 2 spec.

ETHMIIDAE

***Ethmia terminella* Fletcher, 1938**

Smėlynė, 03 08 2014, 1 spec.

COSSIDAE

***Zeuzera pyrina* (Linnaeus, 1761)**

Būtingė, 29 07 2014, 1 spec.

***Cossus cossus* (Linnaeus, 1758)**

Padumblė, 20 07 2014, 1 spec.

TORTRICIDAE

***Cochylimorpha hilarana* (Herrich-Schäuffler, 1851)**

Serapiniškės, 25 07 2015, 1 spec.

***Lepteucosma huebneriana* Koçak, 1980**

Antanai, 23 06 2013, 1 spec.

****Pammene regiana* (Zeller, 1849)**

Beržoras, 06 10 2015, 15 cocoons; Juodkrantė, 10 09 2014, some cocoons, imago emerged 07 04 2015, 1 spec., 20 05 2015, 1 spec.; Oginskio park, 06 10 2015, few cocoons; Renavas park, 06 10 2015, few cocoons; Šešuolėliai park, 04 04 2014, 1 cocoon, imago emerged 05 22 2014; Vilnius, city centre, 24 10 2015, 2 cocoons. All cocoons were found under the bark of *Acer pseudoplatanus*.

Species is known in Finland, Estonia, Latvia, Poland and in most European countries (Karsholt et al., 2013).

***Sparganothis pilleriana* (Denis & Schiffermüller, 1775)**

Juodkrantė, Curonian lagoon coast, 02 06 2014, some larvae on *Lathyrus*, imago emerged 24 06 2014 – 1 spec., 02 07 2014 – 2 spec.; foredune Ridge, overgrown by *Rosa rugosa*, June–July, damaged leaves with larvae and pupae inside and imagines in mass.

PYRALIDAE

***Nephoteryx angustella* (Hübner, 1796)**

Perloja, 02 08 2014, 1 spec.

***Cynaeda dentalis* (Denis & Schiffermüller, 1775)**

Kalniškės, 25 07 2014, 1 spec. (P.I.).

***Udea accolalis* (Zeller, 1867)**

Perloja, 02 08 2014, 2 spec.

***Anania verbascalis* (Denis & Schiffermüller, 1775)**

Perloja, 02 08 2014, 1 spec.

***Pyrausta cingulata* (Linnaeus, 1758)**

Perloja, 02 08 2014, 1 spec.

***Ecpyrrhorhoe rubiginalis* Hübner, 1825**

Būtingė, 29 07 2014, 1 spec.; Perloja, 02 08 2015, 2 spec., 17 09 2015, 1 spec.; Šešuva preserve, 09 08 2014, 1 spec.; Smėlynė, 03 08 2014, 1 spec.

***Evergestis limbata* (Linnaeus, 1767)**

Juodkrantė, 12 08 2014, 1 spec.

***Nomophila noctuella* (Denis & Schiffermüller, 1775)**

Juodkrantė, 14 07 2014, 1 spec.; Nagliai reserve 29 km, 19 05 2014, 1 spec.; Perloja, 17 09 2015, 1 spec.

LASIOCAMPIDAE

***Odonestis pruni* (Linnaeus, 1758)**

Padumbliai, 20 07 2014, 2 spec.

SATURNIIDAE

***Saturnia pavonia* (Linnaeus, 1758)**

Bitėnai, 29 04 2014, 1 spec.; Ventė, 18 04 2014, 1 spec. (V.J.).

HESPERIIDAE

***Carcharodes floccifera* (Zeller, 1847)**

Užutrakis, 25 06 2015, 1 spec.

LYCAENIDAE

***Phengaris teleius* (Bergsträsser, 1779)**

Didieji Mostaičiai, 14 07 2014, 20 spec.

NYMPHALIDAE

***Apatura ilia* (Denis & Schiffermüller, 1775)**

Juodkrantė, 14-28 07 2014, 1 spec., wine trap.

***Apatura iris* (Linnaeus, 1758)**

Juodkrantė, 14-28 07 2014, 1 spec., wine trap.

***Brenthis daphne* (Denis & Schiffermüller, 1775)**

Didieji Mostaičiai, 30 07 2015, 4 spec.

***Nymphalis xanthomelas* (Esper, 1781)**

Kalniškės, 11 03 2014, 1 spec., 10-18 04 2014, 4 spec., vine trap. (P.I.); Užutrakis, 09 03 2013, 1 spec.

***Euphydryas maturna* (Linnaeus, 1758)**

Babtų Miškas f., 02 09 2015, 1 larvae nest; Pravieniškių Miškas f., 10 09 2015, 1 larvae nest; Raguvo Miškas f., 27 08 2015, 1 larvae nest; Žagarės Miškas f., 04 09 2015, 1 larvae nest. All on *Fraxinus excelsior*.

***Melitaea aurelia* Nickerl, 1850**

Baltoji Vokė, 30 06 2015, 1 spec.; Pauosupė, 16 07 2015, 2 spec.

***Melitaea diamina* (Lang, 1789)**

Arvydai, 19 06 2015, 5 spec.; Biržų Giria f., 22 06 2015, 1 spec.; Eglynlaukis preserve, 11 06 2014, 3 spec.; Kirnė, 16 06 2015, 10 spec.; Pakirniai, 16 06 2015, 5 spec.; Verkliai, 15 06 2015, 1 spec.

***Coenonympha hero* (Linnaeus, 1761)**

Pavikšrupis, Kunioniai forest, 27 05 2014, 4 spec.

***Coenonympha tullia* (Müller, 1764)**

Plomėnai bog, 25 06 2015, 5 spec.

GEOMETRIDAE

***Acasis viretata* (Hübner, 1799)**

Perloja, 22 04 2014, 1 spec.

***Campaea margaritata* (Linnaeus, 1767)**

Juodkrantė, 19 06 2014, 1 spec., 11-25 08 2014, 1 spec.; Ventės ragas, 02 09 2015, 22 spec.

***Charissa obscurata* (Denis & Schiffermüller, 1775)**

Kukliai, 03 07 2015, 1 spec.; Perloja, 02 08 2014, 1 spec.

***Chloroclystis v-ata* (Haworth, 1809)**

Perloja, 22 04 2014, 2 spec.

***Peribatodes secundaria* (Denis & Schiffermüller, 1775)**

Juodkrantė, 14 07 2014, 1 spec.

***Pseudoterpna pruinata* (Hufnagel, 1767)**

Naglių rez. 29 km, 01 07 2013, 1 spec., 16 07 2013, 2 spec.; Padumbliai, 20 07 2014, 2 spec., 02 08 2014, 3 spec.; Perloja, 25 06 2013, 7 spec.

***Phibalapteryx virgata* (Hufnagel, 1767)**

Bitėnai, 20 05 2014, 1 spec., 13 08 2015, 21 spec.

***Lampropteryx otregiata* (Metcalf, 1917)**

Šėšuva preserve, 09 08 2014, 1 spec.

***Lampropteryx suffumata* (Denis & Schiffermüller, 1775)**

Perloja, 22 04 2014, 1 spec.

***Pareulype berberata* (Denis & Schiffermüller, 1775)**

Bitėnai, 13 08 2015, 1 spec.

***Chesias legatella* (Denis & Schiffermüller, 1775)**

Perloja, 17 09 2015, 2 spec., 23 09 2015, 4 spec., 25 09 2015, 6 spec.

NOCTUIDAE

***Lamprotes c-aureum* (Knoch, 1781)**

Tyrų Pelkė bog, 15 07 2014, 2 spec.

***Cucullia absinthii* (Linnaeus, 1761)**

Būtingė, 29 07 2014, 1 spec.

***Caradrina selini* Boisduval, 1840**

Būtingė, 29 07 2014, 1 spec.

***Chilodes maritima* (Tauscher, 1806)**

Juodkrantė, 14 07 2014, 35 spec.

***Cucullia lucifuga* (Denis & Schiffermüller, 1775)**

Kalniškės, 20 04 2014, 1 spec., 13 05 2014, 1 spec.

***Amphipyra livida* (Denis & Schiffermüller, 1775)**

Būtingė 06-20 10 2014, 1 spec., vine trap; Juodkrantė, 25 08-08 09 2014, 2 spec., 22 09-06 10 2014, 1 spec.

***Amphipyra perflua* (Fabricius, 1787)**

Juodkrantė, 11-25 08 2014, 4 spec., vine trap.

***Asteroscopus sphinx* (Hufnagel, 1766)**

Ažuolynas park, 19 10 2014, 1 spec. (J.R.).

***Phlogophora meticulosa* (Linnaeus, 1758)**

Būtingė, 11-25 08 2014, 5 spec., 22 09-06 10 2014, 1 spec., 06-20 10 2014, 9 spec., 20 10-11 11 2014, 2 spec. vine trap; Juodkrantė, 22 09-06 10 2014, 15 spec., 06-20 10 2014, 3 spec., 20 10-11 11 2014, 1 spec.; Ventės ragas, 02 09 2015, 3 spec.

****Xylomoia strix* Mikkola, 1980**

Renavas park, 06 10 2015, few larvae in stems of *Equisetum hyemale*; Bariūnai, Satkūnų Miškas f., 07 10 2015, numerous larvae in stems of *E. hyemale*. (P.I., J.R. & R.B.).

Rimantas Butvila showed *E. hyemale* site in Satkūnų Miškas f. to Finnish entomologists Kari Nupponen and Risto Haverinen in 09 11 2014. They collected plant stems with larvae and some specimens have been reared from them. We investigated this locality in the late autumn of 2014 and in spring of 2015, but found only empty damaged stems.

Moths of this species are distributed in Finland, Estonia, Latvia, Poland, Russia Northwest (Karsholt *et al.*, 2013). According R. Haverinen moths of this species are widely distributed in Estonia and Latvia (pers. comment).

***Callopietria juvenina* (Stoll, 1782)**

Padumbliai, 20 07 2014, 2 spec.; Perloja, 08 08 2015, 1 spec.

***Parastichtis suspecta* (Hübner, 1817)**

Tyrų Pelkė bog, 15 07 2014, 35 spec.

***Agrochola macilenta* (Hübner, 1809)**

Juodkrantė, 22 09-06 10 204, 6 spec., vine trap.

***Brachyloma viminalis* (Fabricius, 1776)**

Tyrų Pelkė bog, 15 07 2014, 3 spec.

***Aporophyla lueneburgensis* (Freyer, 1848)**

Perloja, 17 09 2015, 2 spec.

***Lithophane ornitopus* (Hufnagel, 1766)**

Būtingė 06-20 10 2014, 1 spec.; Juodkrantė, 22 09-06 10 2014, 1 spec., 06-20 10 2014, 2 spec., 20 10-11 11 2014, 1 spec.

***Lithophane consocia* (Borkhausen, 1792)**

Kalniškės, 24 03 2014, 1 spec. (P.I.).

***Xylena vetusta* (Hübner, 1813)**

Būtingė, 25 08-06 09 2014, 2 spec., 22 09-06 10 2014, 1 spec., vine trap.; Juodkrantė, 22 09-06 20 14, 2 spec.

***Dichonia aprilina* (Linnaeus, 1758)**

Būtingė 22 09-06 10 2014, 3 spec., vine trap; Juodkrantė, 22 09-06 10 2014, 11 spec., 06-20 10 2014, 5 spec.

***Dryobotodes eremita* (Fabricius, 1775)**

Būtingė, 25 08-11 09 2014, 1 spec.; Juodkrantė, 22 09-06 10 2014, 1 spec., vine trap.

***Polymixis gemmea* (Treitschke, 1825)**

Perloja, 02 08 2014, 1 spec.

***Apamea unanimitis* (Hübner, 1813)**

Juodkrantė, 03 06 2013, 3 spec.

***Apamea scolopacina* (Esper, 1788)**

Juodkrantė, 15 07 2013, 1 spec.

***Apamea lithoxylea* Schifermüller, 1776**

Tyrų Pelkė bog, 15 07 2014, 1 spec.

***Hydraecia petasitis* Doubleday, 1847**

Būtingė, 29 07 2014, 1 spec.; Juodkrantė, 14 07 2014, 1 spec.

***Arenostola phragmitidis* (Hübner, 1803)**

Juodkrantė, 14 07 2014, 5 spec., 15 07 2013, 1 spec.

***Longalatedes elymi* (Treitschke, 1825)**

Juodkrantė, 14 07 2014, 5 spec.

***Lenisa geminipuncta* (Haworth, 1809)**

Būtingė, 29 07 2014, 35 spec.

***Photodes extrema* (Hübner, 1809)**

Bariūnai, Satkūnai Miškas f., 11 06 2014, 2 spec.

***Staurophora celsia* (Linnaeus, 1758)**

Pamerkiai, 18 09 2015, 1 spec.; Perloja, 11 09 2015, 10 spec., 17 09 2015, 4 spec., 23 09 2015, 2 spec., 25 09 2015, 10 spec.

***Celaena haworthii* (Curtis, 1829)**

Stojai, 18 07 2015, 1 spec.

***Mythimna albipuncta* (Denis & Schiffermüller, 1775)**

Būtingė, 11-25 08 2014, 5 spec., 06-20 10 2014, 2 spec., vine trap; Kalniškės, 24 25 09 2015, 1 spec. (P.I.); Perloja, 02 08 2014 1 spec., 11 09 2015, 1 spec., 17 09 2015, 2 spec.

***Mythimna l-album* (Linnaeus, 1767)**

Būtingė 25 08-11 09 2014, 3 spec., 22 09-06 10 2014, 4 spec., 06-20 10 2014, 1 spec., vine trap; Juodkrantė, 22 09-06 10 2014, 7 spec.; Perloja, 17 09 2015, 1 spec., 25 09 2015, 1 spec.

***Hyssia cavernosa* (Eversmann, 1842)**

Perloja, 02 08 2014, 2 spec.

***Noctua interjecta* Hübner, 1803**

Būtingė, 29 07 2014, 1 spec.

***Noctua janthina* Denis & Schiffermüller, 1775**

Būtingė, 11-25 08 2014, 1 spec.; Juodkrantė, 11-25 08 2014, 1 spec., 13 08 2015, 1 spec., 08 09 2014, 1 spec.; Perloja, 02 08 2014, 1 spec., 17 09 2015, 1 spec.; Serapiniškės, 25 07 2015, 1 spec.

***Noctua janthe* (Borkhausen, 1792)**

Bitėnai, 13 08 2015, 1 spec.; Būtingė, 29 07 2014, 2 spec., 11-25 08 2014, 2 spec., vine trap.; Juodkrantė, 14 07 2014, 1 spec., 09 08 2014, 1 spec., 13 08 2014, 1 spec.

***Actebia praecox* (Linnaeus, 1758)**

Būtingė, 11-25 08 2014, 1 spec.

***Coenophila subrosea* (Stephens, 1829)**

Perloja, 02 08 2014, 1 spec.

***Euxoa obelisca* (Denis & Schiffermüller, 1775)**

Perloja, 02 08 2014, 1 spec.

LYMANTRIIDAE

***Arctornis l-nigrum* (Müller, 1764)**

Juodkrantė, 14 07 2014, 1 spec.

EREBIDAE

***Schrankia taenialis* (Hübner, 1809)**

Dukstyna ent. pr., 07 06 2013, 1 spec.

***Paracolax tristalis* Fabricius, 1794**

Kukliai, 03 07 2015, 1 spec.

***Minucia lunaris* (Denis & Schiffermüller, 1775)**

Juodkrantė, 05 2014, 1 spec., vine trap.

***Catocala sponsa* (Linnaeus, 1767)**

Juodkrantė, 11-25 08 2014, 27 spec., vine trap.

***Catocala promissa* (Denis & Schiffermüller, 1775)**

Juodkrantė, 14-28 07 2014, 1 spec., 28 07-12 08 2014, 1 spec.; Šešuva preserve, 09 08 2014, 1 spec.

***Pelosia obtusa* (Herrich-Schäffer, 1852)**

Juodkrantė, 14 07 2014, 10 spec.; Stojai, 18 07 2015, 1 spec.

***Diaphora mendica* (Clerck, 1759)**

Bariūnai, Satkūnai Miškas f., 03 06 2015, 1 male.

***Tyria jacobaeae* (Linnaeus, 1758)**

Padumbliai, 20 07 2014, 10 larvae; Perloja, 02 08 2014, 30 larvae, 13 06 2015, 2 spec.

Discussion

The large part of rare species mentioned in this list are widely distributed in Lithuania. Species *Rhigognostis hufnageli* and *Coleophora saponariella* seems to be spreading in Lithuania. Two new localities are reported for *R. hufnageli* and four for *C. saponariella*. The last species is mostly found in open areas, often on road sides.

The species *Brenthis daphne*, *Melitaea aurelia*, *Melitaea diamina*, *Euphydryas maturna*, *Coenonympha hero*, *Coenonympha tullia*, *Tyria jacobaeae* and *Phibalapteryx virgata* are included in the Red Data Book of Lithuania. *Phibalapteryx virgata* is usually found in Continental part of Baltic sea coast in environs of Palanga. Bitėnai is a locality not close to the sea.

The moths *Mythimna albipuncta*, *Mythimna l-album*, *Phlogophora meticulosa* are known as migrants, not every year occur in Lithuania.

Pammene regiana was expected in Lithuania for a long time. In all countries close to Lithuania this species is distributed, no data only from Belarus (Karsholt *et al.*, 2013). The host plant of this moths – *A. pseudoplatanus* was introduced in Lithuania as ornament tree in parks. Now it spreads naturally. Detection of pupae under the bark of old trees is very easy, but in Lithuania old trees of *A. pseudoplatanus* are quite rare.

Xylomoia strix is recorded from Finland, Estonia, Latvia, Poland, Russia Northwest (Karsholt *et al.*, 2013). Host plant *Equisetum hyemale* in some localities in Lithuania is very abundant, although species was detected only in Northern part of Lithuania, close to Latvian border. In Renavas forest park *E. hyemale* covers about 40 m², in Satkūnai Miškas forest – about 150 m². In some places as Kukliai (Švenčionys district) and Padumbliai (Lazdijai district) the area of *E. hyemale* growth covers more than 0.5 km², but moths of *Xylomoia strix* were not caught in light or bait traps, stems damaged by larvae were not found.

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Reti ir nauji Lietuvos faunos drugiai

P. IVINSKIS, J. RIMŠAITĖ

Santrauka

Pateikiami duomenys apie 95 retas ir dvi naujas Lietuvos faunos drugių rūšis priklausančias 19 šeimų. Naujos Lietuvos faunos rūšys – *Pammene regiana* (šeima Tortricidae) ir *Xylomoia strix* (šeima Noctuidae), kaip tikėtinos, buvo ieškomos jau daugelį metų. Konsultuojantis su kitų šalių entomologais išsiaiškinti tipingi preimaginių stadijų požymiai ir tirtos *Equisetum hyemale* augavietės visoje Lietuvoje. Tyrimų dėka lapsukis *P. regiana* 2014–2015 m. aptiktas šešiose, o pelėdgalvis *X. strix* – dviejose vietovėse.

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