

NEW AND RARE LEPIDOPTERA FOR LITHUANIA, REPORT OF 2017

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Introduction

After study of newly collected material and material preserved in the collection of Laboratory of Entomology of Nature Research Centre, some new and rare Lepidoptera species have been determined.

New data on 12 new and 143 rare Lepidoptera species from 24 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 L. Grigaliūnas (L.G.) and R. Pocius (R.P.). Light trapping with screen (160 W mixed light lamp), automatic traps with 300 W solar type lamps, pheromone traps were used. The material was identified according Bengtsson *et al.* (2008), Bengtsson & Johansson (2011), Slamka (2010), Aarvik *et al.* (2009), Svensson (2006), Bąkowski (2013). Some of material was identified by O. Karsholt (Denmark) and R. Gaedike (Germany). Data on distribution and faunistics follows Ivinskis (2004). Taxonomical treatment and distribution follows the Fauna Europaea database (Karsholt & Nieuwerkerken, 2013) and Aarvik *et al.* (2017). The specimens are deposited in the collection of Nature Research Centre, Vilnius. Species new for the Lithuanian fauna are marked in the text with an asterisk (*).

List of localities

Locality	Administrative district	Coordinates (LAT, LONG)
Baltoji Vokė	Šalčininkai district	54.46533, 25.13192
Bitėnai	Pagėgiai mun.	55.05969, 22.04597
Dukstynos Miškas f.	Ukmergės district	55.27974, 24.84771
Dūkštų Ažuolynas f.	Vilnius district	54.84306, 24.97028
Gerdašiai	Druskininkai mun.	53.94538, 23.88081
Girdžiūnai	Šalčininkai district	54.17311, 25.73478
Gudeliai	Vilnius district	54.81631, 25.20892
Gvazdikai	Vilnius city	54.74997, 25.37807
Juodkrantė	Neringa mun..	55.52239, 21.11575
Kaišialakiai	Šalčininkai district	54.52630, 25.18274
Kalniškės	Vilnius district	54.84681, 25.17739
Kapiniškiai	Varėna district	54.02330, 24.29562
Kišķiai	Ignalina district	55.33457, 26.03553
Kaunas Botanical garden	Kaunas mun.	54.86844, 23.91114
Marcinkonys	Varėna district	54.04620, 24.39616

Margionys	Varėna district	54.00006, 24.28467
Merkinė	Varėna district	54.15753, 24.17701
Nagliai preserve	Neringa mun.	55.44019, 21.07547
Padumbliai	Lazdijai district	54.02190, 23.66809
Perloja	Varėna district	54.20778, 24.37556
Raguvos Miškas f.	Panevėžys district	55.57927, 24.55456
Raudona Bala bog	Vilnius district	54.84940, 25.21583
Ribiškės	Vilnius	54.66461, 25.31662
Rūdninkai	Šalčininkai district	54.37008, 25.09597
Stojai	Varėna district	54.01861, 24.78528
Sužionys	Vilnius district	54.99410, 25.52170
Užubaliai	Vilnius district	54.77172, 25.19360
Vilkiaušio Miškas f.	Joniškis district	56.19504, 23.54751

List of species

HEPIALIDAE

***Korscheltellus lupulina* (Linnaeus, 1758)**

Kalniškės, 19 06 2017, 1 spec.; Ribiškės, 24 05–05 06 2017, 1 spec., 05–12 06 2017, 1 spec., 19–26 06 2017, 1 spec. (P.I., J.R.).

INCURVARIIDAE

****Incurvaria masculella* (Denis & Schiffermüller, 1775)**

Nagliai rezerve, 10 09 2013, 1 spec. (P.I., J.R.).

TINEIDAE

****Elatobia fuliginosella* (Lienig & Zeller, 1846)**

Varėna district, Perloja, 08 08 2016, 1 spec. (P.I., J.R.).

****Triaxomera baldensis* Petersen, 1983**

Kaunas Botanical garden, 05–07 2016, 1 spec. in pheromon trap (P.I., J.R.).

GRACILLARIIDAE

***Caloptilia semifascia* (Haworth, 1828)**

Ribiškės, 04–11 09 2017, 1 spec. (P.I., J.R.).

PLUTELLIDAE

***Ypsolophus horridella* (Treitschke, 1835)**

Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

***Ypsolophus scabrella* (Linnaeus, 1761)**

Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

***Ypsolophus asperella* (Linnaeus, 1761)**

Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

***Ypsolophus nemorella* (Linnaeus, 1758)**

Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

***Rhigognostis hufnagelii* (Zeller, 1839)**

Rūdninkai, 18 08 2017, 1 spec. (P.I., J.R.).

***Rhigognostis incarnatella* (Steudel, 1873)**

Merkinė, 02 09 2017, 1 spec. (P.I., J.R.).

TORTRICIDAE

***Archips crataegana* (Hübner, 1799)**

Ribiškės, 10–17 07 2017, 1 spec. (P.I., J.R.).

***Trachysmia rigana* (Sodoffsky, 1829)**

Merkinė, 02 08 2017, 1 spec. (P.I., J.R.); Rūdninkai, 10 07 2017, 1 spec., 27 07 2017, 1 spec.

***Acleris cristana* (Denis & Schiffermüller, 1775)**

Kalniškės, 12 05 2017, 1 spec. (P.I., J.R.).

***Acleris roscidana* (Hübner, 1799)**

Kalniškės, 06 05 2017, 1 spec. (P.I., J.R.).

***Acleris rhombana* (Denis & Schiffermüller, 1775)**

Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

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

Rūdninkai, 07 07 2017, spec. (P.I., J.R.).

****Cochylis atricapitana* (Stephens, 1852)**

Bitėnai, 13 08 2015, 1 spec.; Kalniškės, 16 07, 22 07 2016, 2 spec.; Perloja, 07 08 2015 2 spec. (P. I., J. R.).

***Lobesia reliquana* (Hübner, 1825)**

Ribiškės, 12–19 06 2017, 1 spec. (P.I., J.R.).

***Endothenia pullana* (Haworth, 1811)**

Juodkrantė, 05 07 2013, 1 spec., *Carpinus* forest (P.I., J. R.)

***Ancylis selenana* (Guenée, 1845)**

Dukstyna, 06 06 2017, 3 spec. (P.I., J.R.).

****Ancylis kenneli* Kuznetsov, 1962**

Raguvos Miškas f., 10 06 2017, 5 spec. (P.I., J.R.).

***Ancylis tineana* (Hübner, 1799)**

Rūdninkai, 19 06 2017, 1 spec. (P.I., J.R.).

***Spilonota laricana* (Heinemann, 1863)**

Ribiškės, 12–19 06 2017, 1 spec. (P.I., J.R.).

***Pelocrista infidana* (Hübner, 1824)**

Baltoji Vokė, 04 08 2017, 1 spec.; Merkinė, 11 08 2017, 1 spec.; Ribiškės, 25 08–04 09 2017, 1 spec. (P.I., J.R.).

***Eucosma campoliliana* (Denis & Schiffermüller, 1775)**

Ribiškės, 19–26 06 2017, 1 spec. (P.I., J.R.).

***Cydia pactolana* (Zeller, 1840)**

Ribiškės, 05–12 06 2017, 1 spec. (P.I., J.R.).

-Pammene albuginana* (Guenee, 1845)**

Kaunas Botanical garden, 05–07 2016, 2 spec. (P. I.).

SESIIDAE

***Synanthedon conopiformis* (Esper, 1782) (P.I., J.R.).**

Dūkštų ąžuolynas f., 15–20 06 2017, 2 spec. (P.I., J.R.).

***Synanthedon vespiformis* (Linnaeus, 1761)**

Ribiškės, 10–17 07 2017, 7 spec. (P.I., J.R.).

***Bembecia ichneumoniformis* (Denis & Schiffermüller, 1775)**

Kalniškės, 08 07 2017, 7 spec. (P.I., J.R.).

COSSIDAE

***Cossus terebra* (Denis & Schiffermüller, 1775)**

Baltoji Vokė, 09 08 2017, 2 spec. (P.I., J.R.).

AUTOSTICHIDAE

****Oecogonia deauratella* (Herrich-Schäffer, 1854)**

Padumbliai, 06 07 2014, 1 spec., Stojai, 18 07 2015 1 spec. (P. I., J. R.)

OECOPHORIDAE

***Deuterogonia pudorina* (Wocke, 1857)**

Gvazdikai 22–23 07 2017, 2 spec. (P.I., J.R.).

***Exaeretia preustella* Rebel, 1917**

Merkinė, 11 08 2017, 1 spec. (P.I., J.R.).

COSMOPTERIGIDAE

****Pancalia nodosella* (Fabricius, 1851)**

Nagliai reserve, 20–29 05 2013, 3 spec. (P.I., J.R.).

GELECHIIDAE

****Nothris gregersenii* Karsholt & Šumpich, 2015**

Rūdinkai, 18 08 2017, 11 spec. (P.I., J.R.).

****Monochroa arundinetella* (Staiton, 1858)**

Sužionys, 13 07 1980, 10 spec. (P.I.).

***Gelechia jakovlevi* Krulikovsky, 1905**

Gvazdikai, 23 07 2017, 1 spec.; Raguvos Miškas f., 22 07 2017, 1 spec.

****Carycolum alsinella* (Zeller, 1868)**

Gerdašiai, 12 07 2000, 1♀ (P. I.) (gen. prep. Nr. 5329♀ O. Karsholt); Kalviai 02 08 1994 (1♀)(P. I.) (det. O. Karsholt).

PTEROPHORIDAE

***Agdistis adactyla* (Hübner, 1819)**

Merkinė, 02 08 2017, 1 spec. (P.I., J.R.).

PAPILIONIDAE

***Papilio machaon* Linnaeus, 1758**

Girdžiūnai, 14 07 2017, 1 spec.; Gudeliai, 25 07 2017, 1 spec.; Kalniškės, 01 08 2017, 1 spec.; Kapiniškiai, 30 07 2017, 1 spec.; Marcinkonys, 23 07 2017, 2 spec. (P.I., J.R.).

NYMPHALIDAE

***Melitaea aurelia* Nickerl 1850**

Marcinkonys, 23 07 2017, 5 spec. (P.I., J.R.).

***Lopinga achine* (Scopoli, 1763)**

Ribiškės, 12 19 06 2017, 10 spec. (P.I., J.R.).

LYCAENIDAE

***Phengaris alcon* (Denis & Schiffermüller, 1775)**

Ribiškės, 17 07 2017, abundant eggs on *Gentiana cruciata* (P.I., J.R.).

***Eumedonia eumedon* (Esper, 1780)**

Ribiškės, 17–30 06 2017, 5 spec. (P.I., J.R.).

***Lysandra coridon* (Poda, 1761)**

Merkinė, 02–29 08 2017, 100 spec. (P.I., J.R.).

***Lysandra daphnis* (Denis & Schiffermüller, 1775)**

Merkinė, 04 07 2016, 1 spec. (R.P.)

***Lycaena dispar* (Haworth, 1802)**

Girdžiūnai, 17 07 2017, 6 spec. (P.I., J.R.).

***Satyrium spini* (Denis & Schiffermüller, 1775)**

Merkinė, 20 07 2017, 1 spec. (P.I., J.R.).

PYRALIDAE

***Achroia grisella* (Fabricius, 1794)**

Ribiškės, 04–11 09 2017, 1 spec. (P.I., J.R.).

***Sciota rhenella* (Zincken, 1818)**

Ribiškės, 12–19 06 2017, 1 spec. (P.I., J.R.).

***Nephoterix angustella* (Hübner, 1796)**

Baltoji Vokė, 11 09 2017, 1 spec.; Merkinė, 02 09 2017, 1 spec. (P.I., J.R.).

***Acrobasis sodalella* (Zeller, 1848)**

Ribiškės, 10–17 07 2017, 1 spec. (P.I., J.R.).

***Eurhodope rosella* (Scopoli, 1763)**

Merkinė, 02 08 2017, 11 spec., 11 08 2017, 1 spec. (P.I., J.R.).

***Ecpyrrhorhoe rubiginalis* (Hübner, 1796)**

Baltoji Vokė, 04 08 2017, 2 spec., 09 08 2017, 3 spec.; Gvazdikai, 12 08 2017, 1 spec.; Kalniškės, 04 09 2017, 1 spec.; Merkinė, 02 08 2017, 2 spec., 11 08 2017, 1 spec. (P.I., J.R.).

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

Merkinė, 02 08 2017, 5 spec. (P.I., J.R.).

***Cyaeda pustulalis* (Denis & Schiffermüller, 1775)**

Merkinė, 02 08 2017, 6 spec., 11 08 2017, 3 spec. (P.I., J.R.).

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

Kalniškės, 13 06 2017, 1 spec. (P.I., J.R.).

***Euchromius ocella* (Haworth, 1811)**

Ribiškės, 18–25 09 2017, 1 spec. (P.I., J.R.).

DREPANIDAE

***Watsonalla binaria* (Hufnagel, 1767)**

Dūkštų Ažuolynas f., 17 08 2017, 11 spec.; Ribiškės, 05–12 06 2017, 1 spec., 07–14 08 2017, 5 spec., 14–21 08 2017, 1 spec. (P.I., J.R.).

***Sabra harpagula* (Esper, 1786)**

Dūkštų Ažuolynas f., 17 08 2017, 6 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

GEOMETRIDAE

***Scopula decorata* (Denis & Schiffermüller, 1775)**

Rūdinkai, 09 06 2017, 1 spec. (P.I., J.R.).

***Scopula nigropunctata* (Hufnagel, 1767)**

Gvazdikai, 09 07 2017, 1 spec. (P.I., J.R.).

***Catarhoe cuculata* (Hufnagel, 1767)**

Ribiškės, 10–17 07 2017, 2 spec. (P.I., J.R.).

***Chloroclysta siterata* (Hufnagel, 1767)**

Gvazdikai, 23 09 2017, 1 spec.; Kalniškės, 26 09 2017, 1 spec., 29 09 2017, 1 spec.; Ribiškės, 24 05–05 06 2017, 1 spec., 11–18 09 2017, 1 spec., 18–25 09 2017, 1 spec.; Vilkiaušio Miškas f., 18 05 2017, 1 spec. (P.I., J.R.).

***Eustroma reticulata* (Denis & Schiffermüller, 1775)**

Gvazdikai, 23 08 2017, 1 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

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

Ribiškės, 24 05–05 06 2017, 1 spec. (P.I., J.R.).

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

Dūkštų Ažuolynas f. 17 08 2017, 1 spec. (P.I., J.R.).

***Venusia blomeri* (Curtis, 1832)**

Gvazdikai, 01 07 2017, 7 spec., 22 07 2017, 2 spec.; Raguvos Miškas f. 28 06 2017, 4 spec. (P.I., J.R.).

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

Merkinė, 11 08 2017, 3 spec. (P.I., J.R.).

***Horisme aquata* (Hübner, 1813)**

Rūdninkai, 09 06 2017, 1 spec., 10 07 2017, 2 spec. (P.I., J.R.).

***Gagitodes sagittata* Fabricius, 1787)**

Raguvos f., 28 06 2017, 2 spec.; Gvazdikai, 08 07 2017, 1 spec. (P.I., J.R.).

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

Ribiškės, 24 05–05 06, 1 spec., 10–17 07 2017, 1 spec. (P.I., J.R.).

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

Perloja, 27 09 2017, 1 spec. (P.I., J.R.).

***Epione vespertaria* (Linnaeus, 1767)**

Kalniškės, 24 07 2017, 1 spec. (P.I., J.R.).

***Apeira syringaria* (Linnaeus, 1758)**

Gvazdikai, 09 07 2017, 1 spec.; Ribiškės, 10–17 07 2017, 1 spec. (P.I., J.R.).

***Crocallis elinguaris* (Linnaeus, 1758)**

Kalniškės, 27 07 2017, 2 spec.; Kapiniškiai, 30 07 2017, 3 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

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

Kapiniškiai, 30 07 2017, 1 spec. (P.I., J.R.).

***Chlorissa viridaria* (Linnaeus, 1758)**

Ribiškės, 12–19 06 2017, 1 spec., 19–26 06 2017, 1 spec. (P.I., J.R.).

LASIOCAMPIDAE

***Lasiocampa quercus* (Linnaeus, 1758)**

Gvazdikai, 23 07 2017, 1 spec. (P.I., J.R.).

***Cosmotriche lobulina* (Denis & Schiffermüller, 1775)**

Baltoji Vokė, 09 08 2017, 1 spec.; Merkinė, 11 08 2017, 15 spec.; Perloja, 16 08 2017, 1 spec. (P.I., J.R.).

***Gastropacha quercifolia* (Linnaeus, 1758)**

Perloja 22 06 2017, 1 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

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

Kapiniškiai, 30 07 2017, 2 spec.; Merkinė, 02 08 2017, 1 spec.; Ribiškės, 12–19 06 2017, 1 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

SATURNIIDAE

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

Kalniškės, 20 05 2017, 10 spec.; Raguvos Miškas f., 28 05 2017, 1 spec.; Rūdninkai, 05 05 2017, 10 spec.; Vilkiaušio Miškas f., 18 05 2017, 1 spec. (P.I., J.R.).

Notodontidae

***Harpyia milhauseri* (Fabricius, 1775)**

Raguvos miškas f., 28 05 2017, 6 spec. (P.I., J.R.).

***Stauropus fagi* (Linnaeus, 1758)**

Gvazdikai, 23 07 2017, 1 spec., Kalniškės, 23–25 07 2017, 2 spec.; Kapiniškiai, 30 07 2017, 1 spec.; Rūdninkai, 27 07 2017, 1 spec.; Stojai, 29 07 2017, 1 spec. (P.I., J.R.).

***Pygaera timon* (Hübner, 1803)**

Kiškiai, 17 06 2017, 1 spec.; Raguvos Miškas f., 28 05 2017, 1 spec., 10 06 2017, 1 spec.; Raudonoji bala, 23 05 2017, 1 spec.; Vilčiaušio Miškas f., 18 05 2017, 1 spec. (P.I., J.R.).

EREBIDAE

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

Raguvos miškas f., 28 05 2017, 6 spec. (P.I., J.R.).

***Lymantria dispar* (Linnaeus, 1758)**

Merkinė, 11 08 2017, 1 spec. (P.I., J.R.).

***Gynaephora fascelina* (Linnaeus, 1758)**

Rūdninkai, 27 07 2017, 5 spec. (P.I., J.R.).

***Laelia coenosa* (Hübner, 1808)**

Baltoji Vokė, 04 08 2017, 8 spec., 09 08 2017, 1 spec.; Merkinė, 02 08 2017, 1 spec. (P.I., J.R.).

***Setina irrorella* (Linnaeus, 1758)**

Marcinkonys 23 07 2017, 13 spec.; Merkinė, 02 08 2017, 1 spec.; Užubaliai, 01 08 2017, 1 spec. (P.I., J.R.).

***Tyria jacobaea* (Linnaeus, 1758)**

Margionys, 30 07 2017, few caterpillars on *Senecio jacobaea* (L. G.); Perloja 15 06 2017, 1 spec., 22 06 2017, 1 spec.; Stojai, 30 05 2017, 1 spec. (P.I., J.R.).

***Spiris striata* (Linnaeus, 1758)**

Marcinkonys 23 07 2017, 1 spec. (P.I., J.R.).

***Coscinia cribraria* (Linnaeus, 1758)**

Perloja, 15 06 2017, 1 spec.; Rūdninkai, 27 07 2017, 2 spec., 31 07 2017, 1 spec., 23 07 2017, 1 spec. (P.I., J.R.).

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

Kalniškės, 01 06 2017, 1 spec.; Ribiškės, 24 05–05 06 1 spec., 19–26 06 2017, 1 spec. (P.I., J.R.).

***Diacrisia purpurata* (Linnaeus, 1758)**

Raguvos Miškas f., 28 06 2017, 2 spec.; Rūdninkai, 27 07 2017, 3 spec. (P.I., J.R.).

***Arctia matronula* (Linnaeus, 1758)**

Kaišialakiai, 26 06 2017, 1 spec. (P.I., J.R.).

***Catocala electa* (Vieweg, 1790)**

Perloja, 16 08 2017, 1 spec. (P.I., J.R.).

***Catocala fulminea* (Scopoli, 1763)**

Baltoji Vokė, 04 08 2017, 1 spec.; Kalniškės, 08 07 2017, 1 spec.; Perloja, 16 08 2017, 4 spec.; Ribiškės 07–14 08 2017, 2 spec. (P.I., J.R.).

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

Ribiškės, 14–21 08 2017, 1 spec. (P.I., J.R.).

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

Dūkštų Ažuolynas f., 17 08 2017, 3 spec. (P.I., J.R.).

NOCTUIDAE

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

Kalniškės, 25–27 07 2017, 2 spec.; Merkinė, 02 08 2017, 9 spec. (P.I., J.R.).

***Autographa jota* (Linnaeus, 1758)**

Gvazdikai, 09 07 2017, 1 spec. (P.I., J.R.).

***Autographa buraetica* (Staudinger, 1892)**

Gvazdikai, 01 07 2017, 1 spec. (P.I., J.R.).

***Autographa mandarina* (Freyer, 1845)**

Baltoji Vokė, 09 08 2017, 1 spec.; Ribiškės, 25 09–02 10 2017, 1 spec.; Rūdninkai, 18 08 2017, 1 spec. (P.I., J.R.).

***Syngrapha microgamma* (Hübner, 1823)**

Ribiškės, 19–26 06 2017, 1 spec. (P.I., J.R.).

***Cuculia asteris* (Denis & Schiffermüller, 1775)**

Ribiškės, 17–24 07 2017, 1 spec. (P.I., J.R.).

***Cuculia chamomillae* (Denis & Schiffermüller, 1775)**

Merkinė, 02 06 2017, 1 spec. (P.I., J.R.).

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

Baltoji Vokė, 11 09 2017, 1 spec.; Gvazdikai, 23 09 2017, 1 spec.; Kaunas Botanical garden, 10 09 2017, 1 spec.; Kalniškės, 01 09 2017, 1 spec., 09 09 2017, 1 spec.; Ribiškės, 14–21 08 2017, 1 spec., 04–11 09 2017, 1 spec., 11–18 09 2017, 2 spec., 18–25 09 2017, 1 spec.; Rūdninkai, 18 08 2017, 1 spec. (P.I., J.R.).

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

Ribiškės 14–21 08 2017, 1 spec. (P.I., J.R.).

***Acronycra leporina* (Linnaeus, 1758)**

Merkinė, 02 08 2017, 4 spec. (P.I., J.R.).

***Acronycta strigosa* (Denis & Schiffermüller, 1775)**

Ribiškės, 05–12 06 2017, 1 spec., 12–19 06 2017, 1 spec. (P.I., J.R.).

***Acronicta albovenosa* (Goeze, 1781)**

Dūkštų Ažuolynas f., 17 08 2017, 1 spec.; Merkinė, 02 08 2017, 1 spec. (P.I., J.R.).

***Eucarta virgo* (Treitschke, 1835)**

Baltoji Vokė, 09 08 2017, 2 spec., 11 09 2017, 2 spec.; Kalniškės, 24 07 2017, 1 spec., 08 07 2017, 1 spec.; Kapiniškiai, 30 07 2017, 5 spec.; Merkinė, 02 08 2017, 3 spec.; Raguvos Miškas f., 28 06 2017, 1 spec.; Ribiškės, 12–19 06 2017, 1 spec., 07–14 08 2017, 3 spec., 14–21 08 2017, 1 spec. (P.I., J.R.).

***Helicoverpa armigera* (Hübner, 1808)**

Gvazdikai, 23 09 2017, 2 spec.; Merkinė, 24 09 2017, 1 spec.; Perloja, 27 09 2017, 1 spec.; Ribiškės, 04–11 09 2017, 2 spec.; 18–25 09 2017, 1 spec.; Rūdninkai, 22 09 2017, 1 spec. (P.I., J.R.).

***Victrix umovii* (Eversmann, 1846)**

Rūdninkai, 19 06 2017, 1 spec. (P.I., J.R.).

***Callopistria juvenina* (Stoll, 1782)**

Baltoji Vokė, 09 08 2017, 1 spec.; Dūkštų Ažuolynas f., 17 08 2017, 1 spec.; Gvazdikai 09 07 2017, 1 spec.; Kapiniškiai, 30 07 2017, 10 spec.; Merkinė, 02 08 2017, 13 spec.; Ribiškės 19–26 06 2017, 2 spec., 10–17 07 2017, 1 spec., 07–14 08 2017, 6 spec. (P.I., J.R.).

***Proxenus lepigone* (Möschler, 1860)**

Merkinė, 11 08 2017, 1 spec. (P.I., J.R.).

***Plogophora meticulosa* (Linnaeus, 1758)**

Ribiškės, 25 09–02 10 2017, 1 spec.; Rūdninkai, 22 09 2017, 2 spec. (P.I., J.R.).

***Calamia tridens* (Hufnagel, 1766)**

Baltoji Vokė, 09 08 2017, 1 spec. (P.I., J.R.).

***Crypsedra gemmea* (Treitschke, 1825)**

Baltoji Vokė, 09 08 2017, 1 spec. (P.I., J.R.).

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

Baltoji Vokė, 11 09 2017, 4 spec.; Merkinė, 02 09 2017, 25 spec.; Ribiškės, 18–25 09 2017, 1 spec. (P.I., J.R.).

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

Baltoji Vokė, 04 08 2017, 2 spec.; Merkinė, 11 08 2017, 1 spec. (P.I., J.R.).

***Apamea lithoxylaea* (Denis & Schiffermüller, 1775)**

Ribiškės, 10–17 07 2017, 1 spec. (P.I., J.R.).

***Apamea sublustris* (Esper, 1788)**

Ribiškės, 05–12 06 2017, 1 spec., 19–26 06 2017, 1 spec. (P.I., J.R.).

***Xylomoia graminea* (Graeser, 1889)**

Perloja, 22 06 2017, 1 spec. (P.I., J.R.).

***Hyppa rectilinea* (Esper, 1788)**

Gvazdikai, 01 07 2017, 1 spec.; Kalniškės, 13 06 2017, 1 spec.; Merkinė, 02 08 2017, 1 spec. Ribiškės 26 06–03 07 2017, 1 spec. (P.I., J.R.).

***Conistra rubiginosa* (Scopoli, 1763)**

Ribiškės, 02–10 10 2017, 2 spec., 09–16 10 2017, 1 spec. (P.I., J.R.).

***Lithophane lamda* (Fabricius, 1787)**

Kalniškės, 26 09 2017, 1 spec. (P.I., J.R.).

***Cosmia afinis* (Linnaeus, 1767)**

Ribiškės, 14–21 08 2017, 2 spec. (P.I., J.R.).

***Cosmia pyralina* (Denis & Schiffermüller, 1775)**

Gvazdikai, 23 07 2017, 1 spec.; Kalniškės. 08 07 2017, 1 spec.; Merkinė, 02 08 2017, 1 spec. (P.I., J.R.).

***Mesogona oxalina* (Hübner, 1803)**

Merkinė, 02 09 2017, 6 spec. (P.I., J.R.).

***Griposia aprilina* (Linnaeus, 1758)**

Kalniškės, 09 08 2017, 1 spec., 16 09 2017, 1 spec.; Merkinė, 24 09 2017, 1 spec.; Ribiškės, 04–11 09 2017, 1 spec., 11–18 09 2017, 1 spec., 18–25 09 2017, 2 spec. (P.I., J.R.).

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

Kaunas botanical garden, 09–04 10 2017, 2 spec.; Ribiškės, 04–11 09 2017, 1 spec., 11–18 09 2017, 2 spec., 18–25 09 2017, 2 spec. (P.I., J.R.).

***Anarta myrtilli* (Linnaeus, 1761)**

Merkinė, 02 08 2017, 1 spec., 11 08 2017, 1 spec.; Rūdninkai, 18 08 2017, 1 spec. (P.I., J.R.).

***Papestra biren* (Goeze, 1781)**

Ribiškės, 05–12 06 2017, 1 spec. (P.I., J.R.).

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

Baltoji Vokė, 09 08 2017, 1 spec.; Merkinė, 11 08 2017, 1 spec. (P.I., J.R.).

***Sideridis kitti* (Schawerda, 1914)**

Gvazdikai, 23 07 2017, 1 spec.; Merkinė 02 08 2017, 1 spec.; Raguva forest, 28 06 2017 1 spec.; Ribiškės, 19–26 06 2017, 1 spec. (P.I., J.R.).

***Hecatera bicolorata* (Hufnagel, 1766)**

Perloja, 15 06 2017, 1 spec. (P.I., J.R.).

***Hadena albimacula* (Borkhausen, 1792)**

Baltoji Vokė, 09 08 2017, 1 spec.; Merkinė, 02 08 2017, 1 spec.; Ribiškės, 24 05–05 06 2017, 1 spec. (P.I., J.R.).

***Hadena confusa* (Hufnagel, 1766)**

Baltoji Vokė, 09 08 2017, 1 spec.; Gvazdikai garden, 05 07 2017, 1 spec.; 1 spec.; Kalniškės 16–17 06 2017, 2 spec.; Merkinė, 02 08 2017, 1 spec.; Ribiškės, 05–12 06 2017, 1 spec., 05–12 06 2017, 2spec., 19–26 06 2017, 2 spec 10–17 07 2017, 1 spec. (P.I., J.R.).

***Hadena filigrana* (Esper, 1788)**

Perloja, 15 06 2017, 1 spec., Ribiškės, 05–12 06 2017, 1 spec. (P.I., J.R.).

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

Baltoji Vokė, 11 09 2017, 7 spec.; Kalniškės, 02 06 2017, 1 spec., 12 09 2017, 1 spec. 02 06 2017, 1 spec.; Merkinė, 11 08 2017, 1 spec., 02 09 2017, 2 spec.; Perloja, 16 08 2017, 1 spec.; Ribiškės, 05–12 06 2017, 1 spec. 19–26 06 2017, 2 spec., 07–14 08 2017, 1 spec. 14–21 08 2017, 2 spec., 21–28 08 2017, 1 spec., 25 08–04 09 2017, 04–11 09 2017, 1 spec., 11–18 09 2017, 5 spec., 25 09–02 10 2017, 1 spec.; Rūdninkai, 18 08 2017, 1 spec. (P.I., J.R.).

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

Ribiškės, 11–18 2017, 1 spec. (P.I., J.R.).

***Leucania obsoleta* (Hübner, 1803)**

Merkinė, 02 08 2017, 5 spec., 11 08 2017, 2 spec.; Ribiškės, 19–26 06 2017, 1 spec. (P.I., J.R.).

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

Ribiškės, 04–11 09 2017, 1 spec. (P.I., J.R.).

***Agrotis cinerea* (Denis & Schiffermüller, 1775)**

Ribiškės, 24 05–05 06 2017, 1 spec. (P.I., J.R.).

***Rhyacia simulans* (Hufnagel, 1766)**

Gvazdikai, 01 07 2017, 3 spec.; Merkinė, 02 08 2017, 1 spec. (P.I., J.R.).

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

Merkinė, 02 08 2017, 5 spec., 11 08 2017, 2 spec. (P.I., J.R.).

***Noctua janthae* (Borkhause, 1792)**

Dūkštų Ažuolynas f., 17 08 2017, 2 spec.; Merkinė, 02 08 2017, 6 spec., 11 08 2017 3 spec. (P.I., J.R.).

***Eugraphe sigma* (Denis & Schiffermüller, 1775)**

Rūdninkai, 10 07 2017, 2 spec. (P.I., J.R.).

NOLIDAE

***Nola cristatula* (Hübner, 1793)**

Gerdašiai, 25 06 2015, 1 spec. (P.I., J. R.).

Discussion

It is possible, that we caught the specimen of second generation of *Incurvaria masculella*. Larval host plants are *Crataegus sp.*, *Quercus sp.* The species is distributed in South, Central and North Europe.

Larvae of *Elatobia fuliginosella* feed on insect remains. Distributed almost in all the regions of Europe, except Ireland, Great Britain, Portugal, the Benelux, Denmark and parts of the Balkan Peninsula, eastwards up to European Russia; in North Africa known

from Morocco and Tunisia, eastwards through Siberia up to Mongolia (Gaedike, 2015)

Triaxomera baldensis was known only from Italy, Piemonte till now, where it was collected in August, female emerged in April from *Polyporus* fungi fruit bodies on *Fagus* sp., together with *M. choragella* (Gaedike, 2015). Specimen from Lithuania was caught using the pheromon traps for leafroller moths.

Cochylis atricapitana feeds on *Senecio jacobaea*, species is distributed in Norway, Sweden, Denmark, Finland, Estonia, Latvia (Aarvik *et al.*, 2017)

Ancylis kenneli- is distributed in Russia, Sweden, Finland, Estonia, Latvia (Aarvik *et al.*, 2017).

Larvae of *Pammene albuginana* feed on *Quercus* sp. Distributed in Norway, Sweden, Denmark, Finland, Estonia, Latvia (Aarvik *et al.*, 2017).

Larvae of *Oecogonia deauratella* feeds among food material, species is distributed in Sweden, Denmark, Finland, Estonia (Aarvik *et al.*, 2017). The representative of Autostichidae family is reported from Lithuania for the first time.

Larvae of *Pancalia nodosella* feed on *Viola* sp. The species is distributed in Denmark, Latvia (Aarvik *et al.*, 2017). .`

Host plant of larvae *Nothris gregersenii* is unknown. The species is distributed in Sweden, Denmark, Finland, Estonia, Latvia (Aarvik *et al.*, 2017). .

Larvae of *Monochroa arundinetella* feeds on *Carex* sp. Distributed in all Nordic and Baltic countries (Aarvik *et al.*, 2017). It was found in Lithuania in 1980, but not included in check-list (Ivinskis, 2004)

Larvae of *Carycolum alsinella* feeds on *Cerastium* sp. Distributed in Sweden, Denmark, Finland, Estonia, Latvia (Aarvik *et al.*, 2017).

Many rare species are found in Lithuania every year. Species of *Synanthedon conopiformis*, *Synanthedon vespiformis*, *Tyria jacobaea*, *Papilio machaon*, *Melitaea aurelia*, *Lopinga achine*, *Phengaris alcon*, *Eumedonia eumedon*, *Lysandra coridon*, *Lycaena dispar* are included in Lithuanian Red Data Book (Rašomavičius, 2007). Species *Helicoverpa armigera* is included into the Invasive Species Compendium list. Species *Nephoterix angustella*, *Eucarta virgo*, *Callopietria juvenina*, *Mythimna albipuncta*, *Noctua janthina*, *N. janthae* are found in new localities and seems to be spreading in Lithuania. The species *Euchromius ocella* and *Mythimna l-album* are known as migrants.

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Nauji ir reti Lietuvos faunai drugiai, 2017 metų pranešimas

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Santrauka

Pateikiami duomenys apie 11 naujų Lietuvos faunai drugių rūšių: *Incurvaria masculella* (Incurvariidae), *Elatobia fuliginosella* ir *Triaxomera baldensis* (Tineidae), *Cochylis atricapitana*, *Ancylis kenneli* ir *Pammene albuginana* (Tortricidae), *Oecogonia deauratella* (Autostichidae), *Pancalia nodosella*, *Nothris gregersenii*, *Monochroa arundinetella*, *Carycolum alsinella* (Gelechiidae). Visos šios rūšys buvo žinomos iš kaimyninių valstybių, išskyrus *Triaxomera baldensis*, kuri iki šiol buvo žinoma tik iš tipinės vietos – Italijos. Autostichidae šeimos atstovai Lietuvoje nebuvo žinomi. Pateikiamos 143 retos rūšys iš 23 šeimų. Rūšys *Synanthedon conopiformis*, *Synanthedon vespiformis*, *Tyria jacobaea*, *Papilio machaon*, *Melitaea aurelia*, *Lopinga achine*, *Phengaris alcon*, *Eumedonia eumedon*, *Lysandra coridon*, *Lycaena dispar* yra įrašytos į Lietuvos Raudonąją knygą. *Helicoverpa armigera* yra įrašyta į CABI invazinių rūšių sąrašą, *Eucarta virgo*, *Callopietria juvenina*, *Mythimna albipuncta*, *Noctua janthina*, *N. janthae* rūšys pastebimai plečia savo arealą ir kasmet randamos vis naujose vietovėse. Rūšys *Euchromius ocella* ir *Mythimna l-album* yra pripažintos migrantės.

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