

DATA ON NEW AND RARE FOR LITHUANIAN FAUNA LEPIDOPTERA, A REPORT OF 2020

POVILAS IVINSKIS¹, JOLANTA RIMŠAITĖ¹, ŽILVINAS PŪTYS²

Nature Research centre, Akademijos 2, Vilnius Lithuania, E-mail: entlab@gmail.com, zilvinas.putys@gamtc.lt

Introduction

New data on Lepidoptera found during the research in 2019-2020 in Lithuania is presented. Data on five species new for Lithuanian fauna, some rare species and species included in Red data book are presented in this paper.

Material and Methods

The main data was collected during field investigations in end of 2019 and in 2020 by authors P. Ivinskis (P.I.), J. Rimšaitė (J.R.), and Ž. Pūtys (Ž.P.), some data – S. Petraitis (S. P.), D. Auksoraitienė (D.A.). Various entomological methods were used for collecting the specimens: light trapping with a screen (160W mixed light lamp), automatic traps with 300W solar-type lamps and headlamp "Lumonite", plant mine collecting, sweeping with nets. The material was identified using identification guides: Bengtsson *et al.* (2008), Bengtsson & Johansson (2011), Aarvik *et al.* (2009). Data on distribution and faunistics follows Aarvik *et al.* (2017), Ivinskis & Rimšaitė (2018). Taxonomical treatment and distribution follows the Fauna Europaea database (Karsholt & Nieuwerkerken, 2013). The specimens are deposited in the authors collection. Species new to Lithuanian fauna are marked in the text with an asterisk (*).

List of localities

Locality	Administrative district	Coordinates (LAT, LONG)
Alksnynė	Neringa mun.	55.61414, 21.13087
Balbieriškis	Prienai district	54.52873, 23.88572
Baltoji Vokė	Šalčininkų district	54.46533, 25.13192
Dukstynos Miškas f.	Ukmergė mun.	55.27957, 24.85081
Dūkšta river valley	Vilnius district	54.82767, 24.95862
Dūkštų Ažuolynas f.	Vilnius district	54.84306, 24.97028
Gvazdikai	Vilnius mun.	54.74997, 25.37807
Juodeliai	Kalvarija mun.	54.38664, 23.10153
Juodkrantė	Neringa mun.	55.52239, 21.11575
Kalniškės	Vilnius district	54.84681, 25.17739
Kaunas	Kaunas mun.	54.88354, 23.91644
Merkinė	Varėna district.	54.15019, 24.16112
Nagliai Nat. R., 26 km	Neringa mun.	55.48672, 21.10876
Nagliai Nat. R., 29 km	Neringa mun.	55.45943, 21.09944
Nida, 43 km	Neringa mun.	55.34504, 21.01328

Palokystis	Šilalė district	55.58601, 22.14627
Pamerkio Miškas f.	Varėna district	54.40358, 24.97336
Paneriai	Vilnius district	54.78693, 24.89754
Perloja	Varėna district	54.20778, 24.37556
Raguva	Panevėžys district	55.56244, 24.62646
Raguvos Miškas f.	Panevėžys district	55.57977, 24.55451
Raveliai	Šalčininkai district	54.42235, 25.19231
Rūdninkų Giria B. P.	Šalčininkai district	54.38558, 25.10742
Serdokai	Vilkaviškis mun.	54.62867, 23.08915
Smiltynė	Klaipėda mun.	55.70726, 21.10775
Užunevėžiai	Panevėžys district	55.55779, 24.63031
Vajotai	Jurbarkas district	55.14383, 22.70456

List of species

HEPIALIDAE

***Pharmacis fusconebulosa* (De Geer, 1778)**

Raguvos Miškas f., 22 06 2020, 2 spec.

TISCHERIIDAE

***Captotriche heinemanni* (Wocke, 1871)**

Dukstynos Miškas f., 02 09 2020, abundant mines on *Rubus caesius*.

GRACILLARIIDAE

***Ornixola caudulatella* (Zeller, 1839)**

Dukstynos Miškas f., 12 06 2020, 1 spec.

***Caloptilia falconipennella* (Hübner, 1813)**

Kalniškės, 24 04 2020, 1 spec. 08 05 2020, 1 spec. 03-04 09 2020, 1 spec.

****Caloptilia fidella* (Reutti, 1853)**

Dukstynos Miškas f., 02 09 2020, 31 mines on *H. lupulus*; Dūkšta river valley, 09 09 2020 abundant mines on *H. lupulus*; Juodkrantė, close to great cormorant colony, 29 08 2020, 4 mines on *H. lupulus*; Kalniškės, 03–04 09 2020, 1 spec.; Naglių reserve., 29 km, 28 08 2020 bank of Curonian lagoon 7 mines on *Humulus lupulus*; Palokystis, a few mines on *H. lupulus*; Paneriai, 15 09 2020 2 mines on *H. lupulus*; Perloja, 03 09 2020, 13 mines on *H. lupulus*; Raguva, 16 09 2020, abundant mines on *H. lupulus*, 1 spec.; Serdokai 05 09 2020, 5 mines on *H. lupulus*; Smiltynė, 04 10 2020, 1 spec.; Užunevėžiai, 16 09 2020, abundant mines on *H. lupulus*.

***Caloptilia hemidactylella* (Denis & Schiffermüller, 1775)**

Kalniškės, 03-04 09 2020, 1 spec., 17–18 05 2020, 1 spec.

***Caloptilia populetorum* (Zeller, 1839)**

Smiltynė, 14 09 2020, 2 spec.

YPONOMEUTIDAE

***Yponometa irrorella* (Hübner, 1796)**

Smiltynė, 02 08 2020, 2 spec.

****Euhyponomeutoides ribesiella* (Joannis, 1900)**

Raveliai, 21 08 2019, 1 spec.(Ž.P.)

PLUTELLIDAE

***Plutella porrectella* Linnaeus, 1758**

Dukstynos Miškas f., 12 06 2020, 1 spec.

***Rhigognostis incarnatella* (Steudel, 1837)**

Juodeliai, 25 06 2020, 2 spec.; Perloja, 28 07 2020, 1 spec.

TORTRICIDAE

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

Kalniškės, 15–22 02 2020, 1 spec., 03–11 03 2020 1 spec., 21 04 2020, 1 spec., 10 05 2020, 1 spec.

****Celypha woodiana* (Barrett, 1882)**

Balbieriškis, 20 04 2020, 1 mine; Kaunas, 08 02 2020, 1 mine on *Viscum album*, 20 04 2020, 1 mine with larva.

****Endothenia gentianaeana* (Hübner, 1799)**

Kalniškės, 31 03 2020, 4 spec., reared from flower heads of *Dipsacus sp.*

***Ancylis kenneli* Kuznetsov, 1962**

Juodeliai, 25 06 2020, 1 spec.

COSSIDAE

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

Juodeliai, 25 06 2020, 2 spec.

AUTOSTICHIDAE

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

Kalniškės, 11 07 2020, 1 spec.

OECOPHORIDAE

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

Dukstynos Miškas f., 09 08 2020, 1 spec.

***Endrosis sarcitrella* (Linnaeus, 1758)**

Dukstynos Miškas f., 04 09 2020, 1 spec.

DEPRESSARIIDAE

***Levipalpus hepatariellus* (Lienig & Zeller, 1846)**

Perloja, 23 08 2020, 3 spec.; Rūdninkų Giria B. P., 15 08 2020, 4 spec.

***Anchinia daphnella* (Hübner, 1796)**

Kalniškės, 11 07 2020, 1 spec.

***Orophia ferrugella* (Denis & Schiffermüller, 1775)**

Juodeliai, 25 06 2020, 2 spec.

GELECHIIDAE

***Nothris gregereni* Karsholt & Šumpich, 2015**

Rūdninkų Giria B. P., 15 08 2020, 2 spec., 23 08 2020, 1 spec.

***Cosmardia moritzella* (Treitche, 1835)**

Kalniškės, 02 06 2020, 1 spec.

NYMPHALIDAE

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

Juodkrantė, 16 06–07 02 2020, 1 spec. (Wine trap)

PYRALIDAE

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

Kalniškės, 29 06 2020, 1 spec., 04–05 09 2020, 3 spec., 17 09 2020, 1 spec.

***Pima boisduvaliella* (Guenée, 1845)**

Smiltynė, 03 07 2020, 1 spec.

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

Kalniškės, 27 07 2020, 1 spec.; Dukstynos Miškas f., 09 08 2020, 5 spec.

***Euzophera cinerosella* (Zeller, 1839)**

Kalniškės, 09 06 2020, 1 spec.

***Homoeosoma sinuella* (Fabricius, 1794)**

Nida, 43 km, 17 06 2020, 11 spec.

CRAMBIDAE

***Sclerocona acutellus* (Eversmann, 1842)**

Dukstynos Miškas f., 19 06 2020 4 spec.; Kalniškės, 23 06 2020, 1 spec.; Merkinė, 29 06 2020, 1 spec.; Perloja, 23 06 2020, 1 spec.

***Anania crocealis* (Hübner, 1796)**

Gvazdikai, 24 06 2020, 1 spec.

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

Smiltynė, 04 10 2020, 1 spec.

***Palpita vitrealis* (Rossi, 1794)**

Smiltynė, 04 10 2020, 1 spec.

***Cydalima perspectalis* (Walker, 1859)**

Kalniškės, 25 09 2020, 1 spec.; Smiltynė, 14 09 2020, 1 spec. 04 10 2020, 2 spec.

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

Baltoji Vokė, 07 08 2020, 1 spec.; Smiltynė, 03 07 2020, 1 spec., 02 08 2020, 3 spec., 12 08 2020, 1 spec.

***Cynaeda pustulalis* (Hübner, 1823)**

Perloja, 23 06 2020, 1 spec.

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

Juodkrantė. 29 08 2020, 1 spec.

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

Kalniškės, 10 10 2020, 2 spec.

GEOMETRIDAE

***Cyclophora quercimontaria* (Bastelberger, 1897)**

Perloja, 28 07 2020, 9 spec.

***Idaea ochrata* (Scopoli, 1763)**

Preila, 03 07 2020, 2 spec.; Smiltynė, 27 05 2020, 1 spec.

***Scopula ornata* (Scopoli, 1763)**

Rūdninkų Giria B. P., 15 08 2020, 2 spec.

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

Dukstynos Miškas f., 09 08 2020, 2 spec.

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

Smiltynė, 02 08 2020, 1 spec.

***Perizoma affinitata* (Stephens, 1831)**

Dukstynos Miškas f., 12 06 2020, 1 spec.

***Acasis viretata* (Hübner, 1799)**

Kalniškės, 21 04 2020, 1 spec.

***Apocheima hispidaria* (Denis & Schiffermüller, 1775)**

Kalniškės, 27 02–02 03 2020, 1 spec., 03–11 03 2020, 1 spec., 15–17 03 2020, 1 spec., 18 03 2020, 4 spec.

***Agriopsis leucophaearia* (Denis & Schiffermüller, 1775)**

Kalniškės, 27 02–02 03 2020, 1 spec., 03–11 03 2020, 6 spec.

***Isturgia arenacearia* (Denis & Schiffermüller, 1775)**

Perloja, 28 07 2020, 4 spec., 22 08 2020, 6 spec.

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

Juodkrantė, 16 07–02 08 2020, 1 spec.

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

Alksnynė, 30 08 2020, 2 spec.; Dukstynos Miškas f., 15 09 2020, 1 spec.; Smiltynė, 02 08 2020, 1 spec., 28 08 2020, 2 spec., 14 09 2020, 5 spec.

****Ascotis selenaria* (Denis & Schiffermüller, 1775)**

Perloja, 17 08 2020, 1 spec.

***Selenia lunularia* (Hübner, 1788)**

Kalniškės, 12 06 2020, 1 spec.

***Campaea margaritaria* (Linnaeus, 1761)**

Juodeliai, 25 06 2020, 4 spec.; Nida, 43 km, 17 06 2020, 3 spec.; Smiltynė, 28 08 2020, 1 spec.

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

Nagliai reserve., 26 km, 13 08 2020, 1 spec.; Pamerkio Miškas f., 18 08 2020, 8 spec.

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

Perloja, 23 06 2020, 1 spec.

SPHINGIDAE

***Acherontia atropos* (Linnaeus, 1758)**

Serdokai, 23 08 2020, 1 larva in potatoes field (D. Auksoraitienė); Vajotai, 16 07 2020, 3 larvae in potatoes field, 02 09 2020, 2 imagoes (S. Petraitis).

NOTODONTIDAE

***Thaumetopoea pinivora* (Treitschke, 1834)**

Naglių rez., 26 km, 13 08 2020, 2 spec.

***Clostera anachoreta* (Denis & Schiffermüller, 1775)**

Kalniškės, 26 09 2020, 1 spec.

EREBIDAE

***Laelia coenosa* (Hübner, 1808)**

Baltoji Vokė, 07 08 2020, 3 spec.; Kalniškės, 08 08 2020, 1 spec.

***Pelosia obtusa* (Herrich-Schäffer, 1847)**

Kalniškės, 08 08 2020, 1 spec.

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

Dukstynos Miškas f., 09 08 2020, 1 spec.

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

Merkinė, 10 06 2020, 1 spec.

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

Perloja, 28 07 2020, 1 spec.

NOCTUIDAE

***Calyptra thalictri* (Borkhausen, 1790)**

Perloja, 28 07 2020, 9 spec.

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

Dukstynos Miškas f., 04 09 2020, 1 spec.; Dūkštų Ažuolynas f., 28 06 2020, 1 spec.

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

Baltoji Vokė, 07 08 2020, 2 spec.; Kalniškės, 21–23 09 2020, 1 spec.; Raguva, 15 09 2020 1 spec.

***Syngrapha interrogationis* (Linnaeus, 1758)**

Nida, 43 km, 11 08 2020, 2 spec.

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

Kalniškės, 20–21 06 2020, 1 spec.

***Cucullia balsamitae* Boisduval, 1840**

Alksnynė, 14 08 2020, 1 spec.

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

Smiltynė, 04 10 2020, 3 spec.

***Cryphia algae* (Fabricius, 1775)**

Naglių rez., 26 km, 13 08 2020, 1 spec.; Nida, 43 km, 11 08 2020, 1 spec.; Smiltynė, 02 08 2020, 1 spec., 12 08 2020, 2 spec.

***Spodoptera exiqua* (Hübner, 1808)**

Kalniškės, 08 10 2020, 1 spec., 12–12 10 2020, 1 spec.

***Caradrina selini* (Boisduval, 1840)**

Smiltynė, 03 07 2020, 2 spec., 12 08 2020, 1 spec.

***Hydrillula palustris* (Hübner, 1818)**

Merkinė, 10 06 2020, 1 spec.

***Plagophora meticulosa* (Linnaeus, 1758)**

Juodkrantė, 26 05–08 06 2020, 1 spec., 08–16 06 2020, 8 spec., 16 06–02 07 2020, 8 spec., 02 07–16 07 2020, 4 spec., 16 07–02 08 2020, 2 spec., 30 08–14 09 2020, 2 spec., 04–14 08 2020, 1 spec. (wine trap), 29 08 2020, 1 spec.; Smiltynė, 30 08 2020, 4 spec.

***Phragmatiphila nexa* (Hübner, 1808)**

Dukstynos Miškas f., 09 08 2020, 1 spec., 02 09 2020, 3 spec., 04 09 2020 1 spec., 15 09 2020, 2 spec.; Perloja, 03 09 2020, 1 spec.

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

Baltoji Vokė, 07 08 2020, 3 spec.

***Apamea epomidion* (Haworth, 1809)**

Kalniškės, 29 06 2020, 1 spec.

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

Smiltynė, 02 08 2020, 1 spec.

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

Juodkrantė, 16 06–07 02 2020, 1 spec. (wine trap).

***Xylomoia gramminea* (Graeser, 1889)**

Dukstynos Miškas f., 12 06 2020, 3 spec., 19 06 2020, 13 spec.

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

Juodkrantė, 16 06–02 07 2020, 1 spec. (wine trap); Kalniškės, 02–03 08 2020, 1 spec.

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

Kalniškės, 07 10 2020, 1 spec.

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

Kalniškės, 10–24 12 2019, 2 spec., 01–12 01 2020, 5 spec., 12–15 01 2020, 1 spec., 20–21 01 2020, 3 spec., 01–04 02 2020, 3 spec., 15–22 02 2020 2 spec., 16 02 2020, 1 spec.

***Xylena vetusta* (Hübner, 1813)**

Kalniškės, 21 04 2020, 1 spec.

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

Kalniškės, 14 09 2020, 1 spec., 21–23 09 2020, 1 spec., 07 10 2020, 1 spec.

***Anorthoa munda* (Denis & Schiffermüller, 1775)**

Kalniškės, 09 04 2020, 2 spec., 14–15 04 2020, 1 spec., 20 04 2020, 1 spec.

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

Baltoji Vokė, 07 08 2020, 1 spec.

***Conisania luteago* (Denis & Schiffermüller, 1775)**

Perloja, 28 07 2020, 1 spec.

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

Kalniškės, 11 06 2020, 1 spec.

***Hadena irregularis* (Hufnagel, 1766)**

Smiltynė, 03 07 2020, 3 spec.

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

Alksnynė, 14 08 2020, 2 spec.; Baltoji Vokė, 07 08 2020, 6 spec.; Dukstynos Miškas f., 09 08 2020, 1 spec., 04 09 2020, 1 spec.; Dūkštų Ažuolynas f., 11 09 2020, 1 spec.; Juodeliai, 06 2020, 1 spec.; Juodkrantė, 26 05–08 06 2020, 1 spec., 27 05 2020, 1 spec., 14–30 08 2020, 2 spec.; Kalniškės, 11 06 2020, 1 spec., 23 07 2020, 1 spec., 06 08 2020, 1 spec., 14 09 2020, 2 spec., 17–18 09 2020, 1 spec., 04–05 10 2020, 1 spec.; Nagliai reserve, 26 km, 13 08 2020, 1 spec.; Nida, 43 km, 11 08 2020, 1 spec., Perloja, 17 08 2020, 4 spec., 22 08 2020, 8 spec.; Pamerkio Miškas f., 18 08 2020, 5 spec.; Raguva, 15 09 2020 1 spec.; Rūdninkų Giria B. P., 15 08 2020, 3 spec.; Smiltynė, 28 08 2020, 1 spec., 12 08 2020, 4 spec. 14 09 2020, 1 spec.

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

Dukstynos Miškas f., 04 09 2020, 1 spec.; Dūkštų Ažuolynas f.; 11 09 2020, 1 spec.; Kalniškės, 03–04 09 2020, 1 spec., 04–05 09 2020, 1 spec., 05–06 09 2020 1 spec., 12 09 2020, 2 spec. 09 10 2020, 1 spec., 14 09 2020, 4 spec., 15 09 2020 1 spec., 21–23 09 2020, 1 spec., 30 09 2020, 1 spec., 10 10 2020, 1 spec., 11 10 2020, 1 spec., 14 10 2020, 1 spec.; Perloja, 03 09 2020, 1 spec.; Raguva, 15 09 2020 1 spec.; Smiltynė, 14 09 2020, 1 spec.

***Noctua comes* (Hübner, 1813)**

Juodkrantė, 16 07–02 08 2020, 2 spec.; Pamerkio Miškas f. 18 08 2020, 5 spec.; Perloja, 22 08 2020, 4 spec.; Rūdninkų Giria B. P., 15 08 2020, 1 spec.; Smiltynė, 12 08 2020, 2 spec.

***Noctua interjecta* (Hübner, 1803)**

Juodkrantė, 16 07–02 08 2020, 1 spec.; Smiltynė, 02 08 2020, 5 spec., 12 08 2020, 5 spec.

***Noctua orbona* (Hufnagel, 1766)**

Baltoji Vokė, 07 08 2020, 1 spec.

***Protolampra sobrina* (Duponchel, 1843)**

Pamerkio Miškas f., 18 08 2020, 8 spec.

NOLIDAE

***Meganola albula* (Denis & Schiffermüller, 1775)**

Nagliai Nat. R., 29 km, 02 07 2020, 1 spec.

Discussion

Five species of Lepidoptera registered in Lithuania for the first time are presented in this report. *Euhyponomeutoides ribesiella* (Yponomeutidae) is found in Fennoscandia (Aarvik *et al.*, 2017), in Germany, Poland, Estonia, Ukraine, Slovakia, Austria, Belgium and France (Karsholt *et al.*, 2013). The larvae feed on *Ribes sp.*, at first mine a leaf and form a narrow corridor usually starting with a spiral. The frass of larvae is deposited in a

central black line. Older larvae live freely under a spinning, causing window feeding. Larvae can be found from May to July (Bengtsson & Johanson, 2011).



Fig. 1. *Caloptilia fidella* imago and mine on *Humulus lupulus* leaf.



Fig. 2. *Euhyponomeutoides ribesiella* imagoes (photo Ž. Pūtys)



Fig. 3. *Celypha woodiana* mine on *Viscum album*



Fig. 4. *Endothenia gentianaeana* imago.



Fig. 5. *Ascotis selenaria* imago.

Caloptilia fidella (Gracillariidae) was known from most European countries (Karsholt *et al.*, 2013), but absent in North Europe, excluding Denmark (Aarvik *et al.*, 2017). This species is widely distributed in Lithuania, many mines were found in various places of Lithuania. The larvae mine leaves of *Humulus lupulus*. At first larva makes triangular mine on a leaf – like window, later it rolls the margin of a leaf.

Celypha woodiana (Tortricidae) is distributed from Great Britain to Ukraine, absent in south Europe (Karsholt *et al.*, 2013). In north Europe it is known only from Denmark (Aarvik *et al.*, 2017). The larvae mine leaves of *Viscum album*.

Endothenia gentianaeana (Tortricidae) was reared from flower heads of *Dipsacus* sp. The species is widely distributed in Palaearctic (Razowski, 2001). In North Europe they are found in Finland, Estonia and Latvia (Aarvik *et al.*, 2017).

One specimen of *Ascotis selenaria* (Geometridae) was found in South Lithuania. The species is distributed in Southern and Central Europe up to Ural mountains, Caucasus, Africa, Korea and Japan (Karsholt *et al.*, 2013). The moths prefer rocky slopes, bushy forest edges and sandy pine forests. Larvae are polyphagous.

For these species - *Ornixola caudulatella*, *Ancylis kenneli*, *Deuterothonia pudorina*, *Endrosis sarcitrella*, *Levipalpus hepatariellus*, *Nephopteryx angustella*, *Anania crocealis* and many others new data on distribution are presented. *Peribatodes rhomboidaria* seems to be spreading northwards. Some specimens are caught also in Latvia (Savenkovs *pers.com.*). *Lopinga achine*, *Thaumoetopoea pinivora* and *Cucullia balsamitae* are protected species and included in Lithuanian Red Data book (Rašomavičius, 2007). The species *Plogophora meticulosa*, *Mythimna albipuncta*, *M. l-album*, *Nephopteryx angustella* maybe are now resident species, because are found during the warm season. *Cydalima perspectalis* was first found in Lithuania in 2018 (Paulavičiūtė, Mikalauskas, 2018) and two new localities are given in this paper. Migrant species *Euchromius ocella*, *Palpita vitrealis*, *Spodoptera exigua* and others are found. Many moths species listed here present new data on distribution of Lepidoptera in Lithuania.

Acknowledgements

Authors are grateful to Nikolajs Savenkovs for reporting data about news of Latvian Lepidoptera fauna, Stasys Petraitis, Dalia Auksoraitienė for providing material on *Acherontia atropos* and Selemonas Paltanavičius for information in press portals in Lithuania.

References

- Aarvik L., Bengtsson B. A., Elven H., Ivinskis P., Jurivete U., Karsholt O., Mutanen M., Savenkov N. 2017. Nordic-Baltic checklist of Lepidoptera. *Norwegian Journal of entomology*, supplement 3.
- Aarvik L., Hansen L. O., Kononenko V. 2009. *Norges Sommerflugler*. Norsk entomologisk forening, Oslo.
- Bengtsson B. A., Johansson R., Palmqvist G. 2008. *Nationalnyckeln till Sveriges flora och fauna. Fjärilar: Käkmalar-Säckspinnare (Lepidoptera: Micropterigidae–Psychidae)*. ArtDatabanken, SLU, Upsala.
- Bengtsson B. A. & Johansson R. 2011. *Nationalnyckeln till Sveriges flora och fauna*.

- Fjärilar: Bronsmalar-rullvingemalar. (Lepidoptera: Roeslerstammiidae–Lyonetiidae). ArtDatabanken, SLU, Upsala.
- Emmet M (ed.) 1996. *The moths and butterflies of Great Britain and Ireland, Vol.3*, Essex.
- Ivinskis P. 2004. *Lepidoptera of Lithuania. Annotated catalogue*. Vilnius.
- Ivinskis P., Rimšaitė J. 2018. Check-list of the Lithuanian *Lepidoptera*. Vilnius.
- Karsholt O., Nieukerken E. J. van & de Jong Y. S. D. M. 2013. *Lepidoptera, Moths. Fauna Europaea version 2.6*, <http://www.faunaeur.org> (Accessed October 23, 2019).
- Leraut P. 2014. *Moths of Europe*. Vol 4, Pyralids 2, Verrieres le Buisson.
- Paulavičiūtė B., Mikalauskas D. 2018. First record of the box tree moth *Cydalima perspectalis* (Walker, 1859) (Lepidoptera: Crambidae) in Lithuania. *Bulletin of the Lithuanian Entomological society* 2 (30): 55-59.
- Rašomavičius V. (Ed.). 2007. *Lietuvos Raudonoji knyga*. Kaunas.
- Razowski J. 2001. *Die Tortriciden (Lepidoptera, Tortricidae) Mitteleuropas*. Bratislava.
- Slamka F. 2010. *Pyraloidea (Lepidoptera) of Central Europe*. Bratislava.
- Svensson I. 2006. *Nordens vecklare. The Nordic Tortricidae*. Lund.

Nauji duomenys apie retus ir naujus Lietuvos faunos drugius, 2020 metų pranešimas

P. IVINSKIS, J. RIMŠAITĖ, Ž. PŪTYS

Santrauka

Straipnyje pateikiami duomenys apie 5 naujas ir eilę retų Lietuvos faunai drugių. Apyninė keršoji kandelė (*Caloptilia fidella*) rasta daugelyje šalies vietovių, ypač gausūs pažeidimai ant apynių. Tai plintanti rūšis, gausiai rasta ir Latvijoje (N. Savenkov asmeninis pranešimas). Amalinio lapsukio (*Celypha woodiana*) pažeidimai – minuoti lapai ir vienas vikšras rasti Kaune ir Balbieriškyje. Šios rūšies drugiai gyvena ant amalo. *Euhyponomeutoides ribesiella* rastas vienintelis individas Šalčininkų rajone. Jo radimas buvo prognozuojamas, nes buvo rastas Latvijoje, Lenkijoje. Lapsukis *Endothenia gentianaeanana* išaugintas iš sėklų galvutės *Dipsacus sp.* Sprindis *Ascotis selenaria* rastas Perlojoje yra didžiausias siurprizas, nes tai piečiau Lietuvos paplitusi rūšis, nerasta Latvijoje. *Cydalima perspectalis* akivaizdžiai plintanti rūšis Lietuvoje. Daugelis rastų rūšių papildė duomenis apie paplitimą Lietuvoje. Dalis retų rūšių priskiriama migrantams. Manoma, kad kai kurios jų: *Plagophora meticulosa*, *Mythimna albipuncta*, *M. l-album* jau pastoviai gyvena šalyje, nes sutinkamos viso sezono metu.

Received: 21 October, 2020