

NEW RECORDS OF RARE LEPIDOPTERA SPECIES COLLECTED IN THE LAPĖS ENVIRONS (KAUNAS DISTRICT, CENTRAL LITHUANIA) IN 1997–2007

TOMAS ŪSAITIS

Institute of Ecology of Vilnius University, Akademijos 2, LT-08412 Vilnius, Lithuania.
E-mail: usaitis_t@yahoo.com

Material and methods

The Macrolepidoptera species were collected in the Lapės environs (Kaunas administrative district) in 1997–2007. The material was collected during April - October using standard entomological techniques (transect counts, netting and light trapping).

The material was identified using different identification keys (Bleszynski, 1965; Kazlauskas, 1984; Skou, 1986; Mikkola *et al.*, 1989; Koch, 1991; Nowacki, 1998; Mironov, 2003; Ivinskis & Augustauskas, 2004).

The majority of the material is preserved in the personal collection of the author. Some specimens are preserved in the collection of the Department of Zoology, Vilnius University (VU in the text), and some of them – in the Institute of Ecology of Vilnius University, IE in the text).

List of localities

| | |
|-------------------------------------|-----------------------------|
| Lapės | 54°59'03,4"N, 24°00'07,2"E; |
| Lapės geomorphological preserve (1) | 54°59'06,7"N, 24°01'01,8"E; |
| Lapės geomorphological preserve (2) | 54°59'41,8"N, 24°01'03,5"E; |
| Lapės geomorphological preserve (3) | 54°59'56,4"N, 24°00'46,5"E; |
| Smiltynai | 54°57'26,6"N, 23°59'30,6"E; |
| Staviščių Miškas forest (1) | 54°58'54,3"N, 23°59'04,5"E; |
| Staviščių Miškas forest (2) | 54°58'47,6"N, 23°59'13,0"E; |
| Staviščių Miškas forest (3) | 54°58'47,4"N, 23°59'27,6"E; |
| Šančių Miškas forest | 54°59'12,2"N, 24°03'42,4"E; |
| Varluvos Miškas forest (1) | 55°00'49,3"N, 23°53'58,1"E; |
| Varluvos Miškas forest (2) | 55°01'00,7"N, 23°53'57,7"E; |
| Varluvos Miškas forest (3) | 55°01'11,2"N, 23°53'53,6"E. |

Number 2 and 3 written after the Varluvos Miškas forest locality mean the starting and the ending point of a transect count.

Results

124 rare Lepidoptera species were recorded for the studied region during the research. 12 of them are included in the Lithuanian Red Data Book: *Carterocephalus palaemon* (Pallas, 1771), *Papilio machaon* Linnaeus, 1758, *Lycaena dispar* (Haworth, 1802), *Glaucopsyche (Maculinea) rebeli* (Hirschke, 1904), *G. (M.) teleius* (Bergsträsser, 1779), *Plebeius (Aricia) eumedon* (Esper, 1780), *Euphydryas maturna* (Linnaeus, 1758), *Lopinga achine* (Scopoli, 1763), *Baptria tibiale* (Esper, 1791),

Eupithecia thalictrata (Püngeler, 1902), *Ipimorpha contusa* (Freyer, 1849), and *Dicycla oo* (Linnaeus, 1758).

List of species

COSSIDAE

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

Lapès, 13 06 1999, 1 spec., 18 06 1999, 1 spec., 25 07 2002, 1 spec., 11 07 2005, 2 spec., 27 06 2006, 2 spec., 13 07 2006, 1 spec.

LASIOCAMPIDAE

***Malacosoma (Clisiocampa) castrense* (Linnaeus, 1758)**

Lapès, 28 06 1999, 3 spec., 27 06 2006, 1 spec., 01 07 2006, 1 spec., 12 07 2006, 1 spec., 13 07 2006, 1 spec.

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

Lapès, 13 06 1999, 1 spec.

SPHINGIDAE

***Agrius convolvuli* (Linnaeus, 1758)**

Lapès, 20 09 2003, 1 spec., 27 09 2003, 1 spec., 18 08 2006, 1 spec.

***Hemaris fuciformis* (Linnaeus, 1758)**

Staviščių Miškas f. (3), 13 05 2006, 1 spec.

***Hyles euphorbiae* (Linnaeus, 1758)**

Lapès, 27 06 1998, 1 spec., 30 06 1998, 1 spec., 14 07 1998, 1 spec., 19 07 1998, 1 spec.

***Hyles galii* (Rottemburg, 1775)**

Lapès, 18 06 1999, 1 spec.

HESPERIIDAE

***Carcharodus floccifera* (Zeller, 1847)**

Staviščių Miškas f. (3), 12 07 2005, 1 spec.; Varlupos Miškas f. (2, 3), 02 07 2006, 4 spec., 13 07 2006, 1 spec., 22 07 2006, 1 spec.

***Carterocephalus palaemon* (Pallas, 1771)**

Varlupos Miškas f. (2), 11 06 2006, 5 spec., 17 06 2006, 6 spec. (EI).

PAPILIONIDAE

***Papilio machaon* Linnaeus, 1758**

Lapès, 13 05 2006, 1 spec., 14 07 2006, 1 spec.; Staviščių Miškas f. (1, 2), 12 07 2005, 1 spec., 28 07 2005, 1 spec., 13 05 2006, 1 spec., 23 07 2006, 1 spec.; Šančių Miškas f., 13 05 2006, 2 spec., 23 07 2006, 1 spec.; Varlupos Miškas f. (2), 28 07 2005, 1 spec., 13 07 2006, 1 spec., 22 07 2006, 1 spec.

PIERIDAE

***Leptidea reali* Reissinger, 1990**

Šančių Miškas f., 19 07 2005, 1 spec.

***Pontia daplidice* (Linnaeus, 1758)**

Lapès, 03 08 2006, 1 spec.; Šančių Miškas f., 04 07 2007, 1 spec.

LYCAENIDAE

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

Lapès geomorphological preserve (2, 3), 30 06 2007, 7 spec.; Staviščių Miškas f. (2), 02 07 2006, 1 spec., 13 07 2006, 1 spec.; Šančių Miškas f., 11 07 2005, 1 spec., 02 07 2006, 1 spec.; Varlupos Miškas f. (1, 2, 3), 20 07 2005, 3 spec., 13 07 2006, 5 spec.

***Thecla betulae* (Linnaeus, 1758)**

Lapės, 11 08 2006, 1 spec.

***Neozephyrus quercus* (Linnaeus, 1758)**

Šančių Miškas f., 14 07 2006, 1 spec.

***Satyrium pruni* (Linnaeus, 1758)**

Lapės, 18 06 2006, 4 spec.

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

Šančių Miškas f., 14 07 2006, 1 spec.

***Glaucopsyche (Maculinea) rebeli* (Hirschke, 1904)**

Lapės geomorphological preserve (2), 30 06 2007, ~10 spec., 04 07 2007, 4 spec. (EI).

***Glaucopsyche (Maculinea) teleius* (Bergsträsser, 1779)**

Varlupos Miškas f. (2), 13 07 2006, 7 spec.

***Plebeius (Aricia) agestis* (Denis & Schiffermüller, 1775)**

Lapės, 22 07 2006, 2 spec., 03 08 2006, 3 spec., 11 08 2006, 1 spec.; Lapės geomorphological preserve (1, 2, 3), 30 06 2007, ~10 spec.; Staviščių Miškas f. (1), 11 08 2006, 3 spec.; Šančių Miškas f., 28 07 2005, 4 spec., 20 08 2005, 2 spec., 11 06 2006, ~10 spec., 17 06 2006, 5 spec., 14 07 2006, 4 spec., 23 07 2006, 5 spec., 03 08 2006, 5 spec., 10 08 2006, ~10 spec., 20 08 2006, 1 spec.; Varlupos Miškas f. (1, 2, 3), 03 08 2006, 5 spec., 10 08 2006, 5 spec.

***Plebeius (Aricia) eumedon* (Esper, 1780)**

Lapės geomorphological preserve (1), 30 06 2007, ~10 spec.; Staviščių Miškas f. (1, 2, 3), 03 07 2005, 1 spec., 12 07 2005, ~10 spec., 20 07 2005, 5 spec., 28 07 2005, 3 spec., 02 07 2006, ~15 spec., 13 07 2006, ~30 spec., 23 07 2006, 5 spec.; Varlupos Miškas f. (1, 2, 3), 20 07 2005, 6 spec., 28 07 2005, 3 spec., 02 07 2006, ~50 spec., 13 07 2006, ~30 spec., 22 07 2006, ~20 spec., 03 08 2006, 1 spec.

NYMPHALIDAE

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

Varlupos Miškas f. (1), 17 06 2006, 1 spec.

***Limenitis populi* (Linnaeus, 1758)**

Staviščių Miškas f. (2), 12 07 2005, 2 spec., 28 07 2005, 1 spec.; Varlupos Miškas f. (2), 20 07 2005, 1 spec., 02 07 2006, 1 spec.

***Pararge aegeria* (Linnaeus, 1758)**

Staviščių Miškas f. (3), 13 05 2006, 3 spec., 23 07 2006, 2 spec., 03 08 2006, 1 spec.; Varlupos Miškas f. (2), 10 08 2006, 1 spec.

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

Lapės geomorphological preserve (1), 30 06 2007, 1 spec.; Staviščių Miškas f. (2, 3), 03 07 2005, 7 spec., 02 07 2006, ~15 spec.; Varlupos Miškas f. (1, 2, 3), 17 06 2006, 1 spec., 02 07 2006, ~50 spec., 13 07 2006, 3 spec.

DREPANIDAE

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

Lapės, 17 06 2006, 1 spec., 27 06 2006, 1 spec., 01 07 2006, 1 spec.

GEOMETRIDAE

***Epione repandaria* (Hufnagel, 1767)**

Lapės, 05 08 1997, 1 spec., 27 06 1998, 1 spec., 12 07 1999, 1 spec., 13 07 1999, 1 spec., 27 07 2005, 1 spec., 10 09 2005, 1 spec., 13 07 2006, 1 spec., 18 08 2006, 1 spec., 30 06 2007, 1 spec.

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

Lapès, 27 06 1999, 1 spec., 28 06 1999, 2 spec.

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

Lapès, 28 04 2000, 1 spec., 15 06 2001, 1 spec., 04 06 2004, 2 spec., 05 06 2004, 1 spec., 05 08 2005, 1 spec.

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

Lapès, 18 07 2005, 1 spec.

***Comibaena bajularia* (Denis & Schiffermüller, 1775)**

Lapès, 30 06 1998, 2 spec., 18 06 1999, 5 spec., 28 06 1999, 1 spec., 12 07 1999, 1 spec., 02 07 2005, 3 spec., 11 07 2005, 1 spec.

***Scopula (Scopula) nemoraria* (Hübner, 1799)**

Staviščių Miškas f. (1), 05 06 2004, 1 spec.

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

Lapès, 02 08 1997, 3 spec., 27 06 1998, 1 spec., 13 07 1999, 1 spec., 25 07 2002, 1 spec., 10 07 2005, 1 spec., 11 07 2005, 1 spec., 18 07 2005, 1 spec., 12 07 2006, 1 spec., 13 07 2006, 1 spec., 21 07 2006, 3 spec.

***Epirrhoe rivata* (Hübner, 1813)**

Lapès, 14 06 1997, 2 spec., 30 06 1998, 1 spec.

***Larentia clavaria* (Haworth, 1809)**

Lapès, 12 09 1997, 2 spec., 19 09 2003, 5 spec., 20 09 2003, 2 spec., 27 09 2003, 2 spec., 09 09 2005, 1 spec., 10 09 2005, 2 spec., 19 09 2006, 4 spec. (EI).

***Earophila badiata* (Denis & Schiffermüller, 1775)**

Lapès, 23 04 2004, 1 spec.

***Ecliptopera capitata* (Herrich – Schäffer, 1839)**

Lapès, 12 06 1999, 1 spec.

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

Lapès, 27 06 1998, 1 spec., 22 07 2006, 1 spec.

***Horisme tersata* (Denis & Schiffermüller, 1775)**

Lapès, 13 06 1999, 1 spec., 18 06 1999, 1 spec., 15 06 2001, 1 spec., 19 06 2004, 1 spec., 03 06 2005, 1 spec., 10 06 2005, 1 spec.

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

Lapès, 24 08 1997, 2 spec., 08 08 1998, 2 spec., 21 05 2005, 1 spec., 05 08 2005, 3 spec., 07 08 2005, 1 spec., 17 06 2006, 2 spec., 09 08 2006, 1 spec.

***Spargania luctuata* (Denis & Schiffermüller, 1775)**

Lapès, 22 05 1999, 1 spec. (VU).

***Triphosa dubitata* (Linnaeus, 1758)**

Lapès, 20 09 2003, 1 ind, 06 04 2004, 1 spec.

***Philereme transversata* (Hufnagel, 1767)**

Lapès, 05 08 1997, 1 spec., 14 07 1998, 1 spec., 25 07 2002, 1 spec., 17 07 2005, 1 ind, 21 07 2006, 1 spec.

***Euphyia unangulata* (Haworth, 1809)**

Lapès, 14 06 1997, 3 spec.

***Euphyia biangulata* (Haworth, 1809)**

Lapès, 02 08 1997, 3 spec., 05 08 1997, 1 spec., 30 06 1998, 1 spec., 27 07 1998, 1 spec., 12 07 1999, 1 spec., 11 07 2000, 1 spec., 02 08 2006, 1 spec.

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

Lapès, 01 07 2006, 1 spec., 12 07 2006, 1 spec.

***Baptria tibiale* (Esper, 1791)**

Staviščių Miškas f. (3), 03 07 1998, 1 spec. (VU).

***Eupithecia actaeata* Walderdorff, 1869**

Lapės, 18 08 2006, 1 spec.

***Eupithecia extraversaria* Herrich – Schäffer, 1852**

Lapės, 21 07 2006, 1 spec.

***Eupithecia lariciata* (Freyer, 1841)**

Lapės, 12 07 1999, 1 spec., 22 07 1999, 1 spec., 01 07 2006, 1 spec.

***Eupithecia millefoliata* Rössler, 1866**

Lapės, 27 06 1998, 1 spec., 14 07 1998, 1 spec., 26 07 1998, 1 spec., 18 06 1999, 1 spec., 27 06 1999, 1 spec., 10 07 1999, 2 spec., 25 07 2002, 1 spec., 10 07 2005, 1 spec., 11 07 2005, 1 spec., 17 07 2005, 1 spec., 18 07 2005, 2 spec., 27 07 2005, 1 spec., 29 07 2005, 3 spec., 12 07 2006, 3 spec., 13 07 2006, 1 spec., 22 07 2006, 1 spec.; Smiltynai, 16 07 1998, 1 spec.

***Eupithecia pygmaeata* (Hübner, 1799)**

Lapės, 29 05 2004, 1 spec.

***Eupithecia simpliciata* (Haworth, 1809)**

Lapės, 26 06 1999, 1 spec., 14 07 1999, 1 spec., 20 07 2005, 1 spec., 27 07 2005, 2 spec.

***Eupithecia sinuosaria* (Eversmann, 1848)**

Lapės, 14 06 1997, 1 spec., 30 06 1998, 1 spec., 27 06 1999, 1 spec., 01 07 2006, 1 spec.

***Eupithecia tenuiata* (Hübner, 1813)**

Lapės, 31 07 1998, 1 spec., 27 07 2005, 1 spec., 12 07 2006, 1 spec., 21 07 2006, 2 spec., 22 07 2006, 2 spec., 02 08 2006, 1 spec.

***Eupithecia thalictрата* (Püngeler, 1902)**

Lapės, 11 06 1999, 1 spec. (EI).

***Eupithecia valerianata* (Hübner, 1813)**

Lapės, 12 07 2006, 1 spec.

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

Lapės, 30 06 1998, 3 spec., 18 07 1998, 1 spec., 22 05 1999, 1 spec., 28 06 1999, 1 spec., 21 05 2005, 1 spec., 27 05 2005, 1 spec., 18 07 2005, 3 spec., 20 07 2005, 1 spec., 13 07 2006, 2 spec., 21 07 2006, 2 spec., 22 07 2006, 2 spec.

***Lithostege farinata* (Hufnagel, 1767)**

Lapės, 27 06 1998, 3 spec., 30 06 1998, 3 spec., 03 07 1998, 1 spec., 23 07 1998, 1 spec., 11 06 1999, 1 spec., 28 06 1999, 1 spec.; Šančių Miškas f., 04 07 2007, 1 spec.

***Asthena anseraria* (Herrich – Schäffer, 1855)**

Lapės, 27 06 2006, 1 spec., 01 07 2006, 1 spec.

***Acasis viretata* (Hübner, 1799)**

Lapės, 24 04 1999, 1 spec., 03 05 2004, 2 spec., 13 05 2006, 1 spec.

NOTODONTIDAE

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

Lapės, 22 05 1999, 1 spec., 27 05 2005, 1 spec., 04 06 2005, 1 spec. (VU).

NOCTUIDAE

***Simyra albovenosa* (Goeze, 1781)**

Lapės, 23 07 1998, 1 spec., 31 07 1998, 1 spec., 10 07 1999, 2 spec., 12 07 1999, 2 spec., 13 07 1999, 2 spec., 14 07 1999, 1 spec., 28 04 2000, 1 spec., 25 07 2002, 1

spec., 17 07 2005, 1 spec., 05 08 2005, 1 spec., 22 07 2006, 1 spec.; Smiltynai, 16 07 1998, 1 spec.

***Simplicia rectalis* (Eversmann, 1842)**

Lapès, 11 07 2005, 1 spec.

***Paracolax tristalis* (Fabricius, 1794)**

Lapès, 19 07 1998, 1 spec., 17 07 2005, 1 spec., 20 07 2005, 1 spec., 27 07 2005, 4 spec., 29 07 2005, 4 spec., 21 07 2006, 1 spec., 22 07 2006, 1 spec.

***Macrochilo cribrumalis* (Hübner, 1793)**

Lapès, 12 07 2006, 1 spec., 13 07 2006, 1 spec.

***Euchalcia modestoides* Poole, 1989**

Lapès, 12 07 1999, 1 spec., 13 07 1999, 2 spec. (VU).

***Polychrysia moneta* (Fabricius, 1787)**

Lapès, 24 08 1997, 1 spec., 18 06 1999, 1 spec.

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

Lapès, 29 07 2005, 1 spec.

***Plusia putnami* (Grote, 1873)**

Lapès, 14 06 1997, 1 spec., 02 08 1997, 1 spec., 18 06 1999, 1 spec., 28 06 1999, 1 spec., 14 07 1999, 2 spec., 11 07 2005, 1 spec., 13 07 2006, 1 spec.

***Autographa bractea* (Denis & Schiffermüller, 1775)**

Lapès, 02 08 1997, 1 spec., 27 06 1998, 1 spec., 27 06 1999, 2 spec., 12 07 1999, 3 spec., 13 07 1999, 3 spec., 14 07 1999, 3 spec., 18 07 2005, 2 spec., 27 07 2005, 1 spec., 29 07 2005, 1 spec., 12 07 2006, 1 spec., 22 07 2006, 1 spec., 30 06 2007, 1 spec.

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

Lapès, 11 06 1999, 1 spec.

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

Lapès, 27 07 1998, 2 spec., 03 08 1998, 1 spec., 12 07 1999, 1 spec., 14 07 1999, 1 spec., 25 07 2002, 1 spec., 18 07 2005, 3 spec., 27 07 2005, 2 spec., 29 07 2005, 1 spec., 05 08 2005, 2 spec., 12 07 2006, 3 spec., 13 07 2006, 2 spec., 22 07 2006, 1 spec.; Smiltynai, 16 07 1998, 1 spec., 04 08 1998, 2 spec.

***Cucullia argentea* (Hufnagel, 1766)**

Lapès, 12 07 1999, 1 spec.

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

Lapès, 02 08 1997, 2 spec., 06 06 1998, 1 spec., 27 06 1998, 1 spec., 30 06 1998, 1 spec., 31 07 1998, 1 spec., 19 05 2000, 1 spec., 27 07 2005, 1 spec.

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

Lapès, 28 04 2000, 1 spec.

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

Lapès, 10 07 1998, 1 spec. (VU).

***Shargacucullia verbasci* (Linnaeus, 1758)**

Lapès, 28 04 2000, 1 spec.

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

Lapès, 28 07 1998, 1 spec., 29 07 2005, 1 spec., 02 08 2006, 1 spec.

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

Lapès, 15 10 2006, 1 spec.

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

Lapès, 19 09 2003, 1 spec., 27 09 2003, 1 spec.

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

Lapès, 18 07 2005, 1 spec., 12 07 2006, 1 spec.

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

Lapès, 02 10 1999, 1 spec., 02 10 2004, 1 spec., 17 06 2005, 1 spec., 24 09 2005, 1 spec.

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

Lapès, 09 09 2005, 1 spec.

***Ipimorpha contusa* (Freyer, 1849)**

Lapès, 18 07 2005, 1 spec., 12 07 2006, 1 spec.

***Dicycla oo* (Linnaeus, 1758)**

Lapès, 13 07 2006, 1 spec.

***Cosmia affinis* (Linnaeus, 1767)**

Lapès, 03 08 1998, 1 spec. (VU).

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

Lapès, 27 09 2003, 1 spec., 24 09 2005, 1 spec.

***Antitype chi* (Linnaeus, 1758)**

Lapès, 24 08 1997, 2 spec., 09 09 2005, 1 spec.

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

Lapès, 12 07 2006, 1 spec.

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

Lapès, 27 07 1998, 1 spec.

***Oligia fasciuncula* (Haworth, 1809)**

Lapès, 18 06 1999, 1 spec., 01 07 2005, 1 spec., 27 06 2006, 4 spec., 01 07 2006, 1 spec. (VU).

***Mesapamea didyma* (Esper, 1788)**

Lapès, 04 06 2005, 1 spec.

***Hydraecia ultima* Holst, 1965**

Lapès, 05 08 2005, 1 spec.

***Sedina buettneri* (E. Hering, 1858)**

Lapès, 19 09 2003, 3 spec., 20 09 2003, 2 spec., 27 09 2003, 3 spec.

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

Lapès, 27 07 2005, 2 spec., 29 07 2005, 3 spec.

***Hecatera dysodea* (Denis & Schiffermüller, 1775)**

Lapès, 02 08 1997, 1 spec., 05 08 1997, 1 spec., 12 06 1998, 1 spec., 27 06 1998, 1 spec., 30 06 1998, 2 spec., 08 07 1998, 1 spec., 14 07 1998, 1 spec., 13 06 1999, 1 spec., 10 07 1999, 1 spec., 25 07 2002, 1 spec., 17 07 2005, 1 spec., 18 07 2005, 5 spec., 20 07 2005, 1 spec., 01 07 2006, 1 spec.

***Hadena (Hadena) compta* (Denis & Schiffermüller, 1775)**

Lapès, 02 08 1997, 3 spec., 12 06 1998, 1 spec., 27 06 1998, 3 spec., 30 06 1998, 3 spec., 18 06 1999, 1 spec., 27 06 1999, 1 spec., 28 06 1999, 1 spec., 02 07 1999, 2 spec., 01 07 2005, 3 spec., 10 07 2005, 3 spec., 11 07 2005, 5 spec., 17 07 2005, 1 spec., 29 07 2005, 2 spec., 27 06 2006, 3 spec., 01 07 2006, 5 spec., 12 07 2006, 2 spec., 13 07 2006, 1 spec., 30 06 2007, 2 spec.

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

Lapès, 08 07 1998, 1 spec., 10 07 1998, 1 spec., 12 06 1999, 1 spec., 13 06 1999, 1 spec., 10 07 2005, 1 spec., 16 06 2006, 1 spec., 17 06 2006, 1 spec., 27 06 2006, 1 spec., 13 07 2006, 1 spec.

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

Lapès, 30 06 1998, 1 spec., 03 07 1998, 1 spec., 14 07 1999, 1 spec., 11 07 2000, 1 spec., 10 07 2005, 4 spec., 11 07 2005, 3 spec., 27 06 2006, 1 spec., 30 06 2007, 3 spec.

Hadena (Anepia) perplexa (Denis & Schiffermüller, 1775)

Lapès, 12 06 1999, 1 spec., 02 07 2005, 1 spec., 18 07 2005, 2 spec., 27 06 2006, 3 spec., 12 07 2006, 1 spec., 13 07 2006, 2 spec.

Sideridis (Sideridis) turbida (Esper 1790) (=Sideridis albicolon)

Lapès, 04 06 2004, 1 spec., 05 06 2004, 1 spec., 19 06 2004, 1 spec., 03 06 2005, 1 spec., 04 06 2005, 2 spec.

Polia hepatica (Clerck, 1759)

Lapès, 27 06 1999, 1 spec., 28 06 1999, 1 spec.

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

Lapès, 04 06 2004, 2 spec., 10 06 2005, 1 spec., 27 06 2006, 5 spec., 01 07 2006, ~10 spec., 22 07 2006, 1 spec., 09 08 2006, 2 spec., 10 08 2006, 5 spec., 18 08 2006, 5 spec., 19 08 2006, 5 spec., 29 08 2006, 1 spec.

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

Lapès, 30 06 2007, 1 spec.

Leucania (Leucania) obsoleta (Hübner, 1803)

Lapès, 10 06 2005, 1 spec., 27 06 2006, 2 spec.

Orthosia (Monima) miniosa (Denis & Schiffermüller, 1775)

Lapès, 24 04 1998, 3 spec., 25 04 1998, 2 spec., 24 04 1999, 1 spec., 28 04 2000, 1 spec., 20 04 2001, ~15 spec., 17 04 2004, ~20 spec., 23 04 2004, ~20 spec., 24 04 2004, ~15 spec., 03 05 2004, 5 spec., 04 05 2004, 3 spec., 21 05 2005, 1 spec., 29 04 2006, 1 spec., 12 05 2006, 1 spec.

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

Lapès, 24 04 1998, 1 spec., 20 04 2001, 1 spec., 06 04 2004, 3 spec., 17 04 2004, 3 spec., 23 04 2004, 2 spec., 24 04 2004, 1 spec.

Hyssia cavernosa (Eversmann, 1842)

Lapès, 05 06 2004, 1 spec.

Noctua fimbriata (Schreber, 1759)

Lapès, 24 08 1997, 4 spec., 27 06 1999, 1 spec., 28 06 1999, 1 spec., 11 07 2000, 1 spec., 19 06 2004, 1 spec., 27 07 2005, 1 spec., 07 08 2005, 1 spec., 12 08 2005, 1 spec., 19 08 2005, 1 spec., 09 09 2005, 1 spec., 21 07 2006, 1 spec., 09 08 2006, 2 spec., 18 08 2006, 2 spec., 19 08 2006, 2 spec.

Noctua interposita (Hübner, 1790)

Lapès, 18 07 2005, 1 spec., 14 08 2005, 1 spec. (EI).

Noctua orbona (Hufnagel, 1766)

Lapès, 31 08 2007, 1 spec.

Spaelotis ravidata (Denis & Schiffermüller, 1775)

Lapès, 01 07 2005, 1 spec., 07 08 2005, 1 spec., 27 06 2006, 1 spec.

Opigena polygona (Denis & Schiffermüller, 1775)

Lapès, 24 08 1997, 2 spec., 12 09 1997, 2 spec.

Xestia (Megasema) triangulum (Hufnagel 1766) (=Xestia rhomboidea)

Lapès, 05 08 2005, 1 spec., 13 07 2006, 2 spec.

Naynia typica (Linnaeus, 1758)

Lapès, 03 08 1998, 1 spec.

***Euxoa (Euxoa) cursoria* (Hufnagel, 1766)**

Lapės, 24 08 1997, 1 spec.

***Agrotis ipsilon* (Hufnagel, 1766)**

Lapės, 19 09 2003, 1 spec., 27 09 2003, 1 spec., 23 04 2004, 1 spec.

LYMANTRIIDAE

***Laelia coenosa* (Hübner, 1808)**

Lapės, 07 08 1998, 1 spec. (VU).

NOLIDAE

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

Lapės, 10 07 2005, 1 spec., 11 07 2005, 2 spec., 17 07 2005, 1 spec., 29 07 2005, 2 spec., 12 07 2006, 1 spec., 13 07 2006, 1 spec., 21 07 2006, 2 spec., 22 07 2006, 1 spec., 30 06 2007, 1 spec.

***Nycteola degenerana* (Hübner, 1799)**

Lapės, 27 09 2003, 1 spec.

***Nycteola revayana* (Scopoli, 1772)**

Lapės, 02 10 2004, 1 spec., 18 07 2005, 1 spec., 27 07 2005, 1 spec.

***Bena bicolorana* (Fuessly, 1775)**

Lapės, 31 07 1998, 1 spec., 11 07 2005, 1 spec. (VU).

ARCTIIDAE

***Rhyparia purpurata* (Linnaeus, 1758)**

Lapės, 10 07 2005, 1 spec.

References

- Bleszynski S. 1965. *Geometridae (Lepidoptera). Clucze do oznaczania owadov Polski*. Warszawa.
- Ivinskis P. 2004. *Lepidoptera of Lithuania. Annotated catalogue*. Vilnius: Institute of Ecology of Vilnius University.
- Ivinskis P., Augustauskas J. 2004. *Butterflies of Lithuania [Lietuvos dieniniai drugiai]*. Kaunas: Lututė.
- Kazlauskas R. 1984. *Lepidoptera of Lithuania [Lietuvos drugiai]*. Vilnius: Mokslas.
- Kazlauskas R. 2003. Supplementary data on new and rare for the Lithuanian fauna Lepidoptera species collected in 1927–2002. *New and Rare for Lithuania Insect Species* 15: 46–53.
- Koch M. 1991. *Wir bestimmen Schmetterlinge*. Bd. 1–4. Leipzig.
- Mikkola K., Jalas I., Peltonen O. 1989. *Suomen perhoset. Vol. 2*. Hangan Kirjapaino.
- Mironov V. 2003. *The Geometrid Moths of Europe. Vol. 4*. Stenstrup: Apollo Books.
- Nowacki J. 1998. *The Noctuids of Central Europe*. Bratislava.
- Skou P. 1986. *The Geometroid Moths of North Europe. Vol. 4*. Copenhagen.

Nauji retų drugių (Lepidoptera) rūšių radimo faktai Lapių (Kauno raj., Centrinė Lietuva) apylinkėse 1997–2007 metais

T. ŪSAITIS

Santrauka

Straipsnyje pateikiami duomenys apie įdomias drugių rūšis, aptiktas Lapių apylinkėse 1997–2007 metais. Pateikiama informacija apie kiekvienos rūšies radvietę, stebėjimo datą ir registruotų individų skaičių. 12 rūšių (*Carterocephalus palaemon* (Pallas, 1771), *Papilio machaon* Linnaeus, 1758, *Lycaena dispar* (Haworth, 1802), *Glaucopsyche (Maculinea) rebeli* (Hirschke, 1904), *G. (M.) teleius* (Bergsträsser, 1779), *Plebeius (Aricia) eumedon* (Esper, 1780), *Euphydryas maturna* (Linnaeus, 1758), *Lopinga achine* (Scopoli, 1763), *Baptria tibiale* (Esper, 1791), *Eupithecia thalictрата* (Püngeler, 1902), *Ipimorpha contusa* (Freyer, 1849), ir *Dicycla oo* (Linnaeus, 1758)) yra įtrauktos į Lietuvos raudonąją knygą.

Received: October 12, 2007