

Second update to the Nordic-Baltic Checklist of Lepidoptera

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Additions and corrections to the Nordic-Baltic Checklist of Lepidoptera (Aarvik *et al.* 2017) are presented. 42 species new to the Nordic-Baltic area as well as numerous new country records are added.

Key words: Lepidoptera, checklist, Nordic-Baltic, additions, corrections.

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Introduction

The authors present faunistic and taxonomic updates to the Nordic-Baltic Checklist of Lepidoptera (Aarvik *et al.* 2017). The present work is the second update, the first was published in 2021 (Aarvik *et al.* 2021). The tendency of

getting additions to the fauna from the south is continuing. The number of Lepidoptera species recorded in our area has increased from 3259 species in 2017 (Aarvik *et al.* 2017) to 3345 at present (Table 1).

Research on the taxonomy of Lepidoptera has also led to new discoveries at the species level, e.g.

Őunap *et al.* (2021), Berggren *et al.* (2022), Nel *et al.* (2023), Nieukerken *et al.* (2023), Voith *et al.* (2023). Only few changes in the classification are included here, the molecular phylogeny of the tribe Grapholitini in the family Tortricidae (Hu *et al.* 2023), and the change of two subfamily names and one tribal name in the family Gelechiidae (Bidzilya *et al.* 2025) being the most prominent.

Material and methods

New country records are based on publications referred to in each case. In cases where there is no reference to a publication, the information was gathered by the authors from other types of sources in the different countries. The new country records are the responsibility of the authors representing each country. New species for the list are the responsibility of the contributor from the country where the species was discovered but have also been accepted by the rest of the authors.

In case of unpublished records, they are given with the permission of the discoverer/collector. New species for Finland are recorded on the website «Laji» which is provided by The Finnish Biodiversity Information Facility (FinBIF): <https://laji.fi/en>. New species from Iceland are based on information from Erling Ólafsson and Matthías S. Alfreðsson. The number before the name of each taxon is the same that was used in the original checklist (Aarvik *et al.* 2017). Taxa new to the list take the number of the taxon preceding it, adding a letter after the number, as in the example: 3134a *Idaea degeneraria* (Hübner, 1799) **D** (Dyrsted 2024). The string means that *Idaea degeneraria* is a species new to Denmark as well as the whole region, and that it should be inserted after *Idaea aversata*, which has number 3134.

A new version of the checklist in the form of an excel sheet is available on the website of the Norwegian Entomological Society.

TABLE 1. The number of Lepidoptera species recorded in the Nordic-Baltic countries in 2017 and in April 2025.

	I	N	S	D	F	E	Lv	Lt	Total
2017	96	2286	2804	2583	2588	2454	2556	2423	3259
2025	107	2354	2861	2642	2681	2484	2605	2491	3345

New country records

NEPTICULIDAE

0050 *Stigmella nivenburgensis* (Preissecker, 1942) **S** (Bengtsson 2024), **F**, **Lv**.

0073 *Stigmella minusculella* (Herrich-Schäffer, 1855) **S**.

0136 *Etainia louisella* (Sircom, 1849) **F**.

HELIOZELIDAE

0198 *Antispila treitschkiella* (Fischer von Röslerstamm, 1843) **S** (Bengtsson 2024), **D**.

ADELIDAE

0212 *Nemophora oxsenheimerella* (Hübner, 1813) **N** (Aanonsen 2024), **S**.

0219 *Adela violella* (Denis & Schiffermüller, 1775) **Lt** (Ivinskis & Rimšaitė 2023).

PSYCHIDAE

0258 *Dahlica triquetrella* (Hübner, 1813) **N** (Selås & Bjar 2022).

TINEIDAE

- 0325 *Triaxomera parasitella* (Hübner, 1796) **F**.
0349 *Infurcitinea albicomella* (Stainton, 1851) **F**.
0380 *Tinea steueri* G. Petersen, 1966 **N**.

GRACILLARIIDAE

- 0441a *Parectopa robiniella* Clemens, 1863 **D**.
0473 *Caloptilia fidella* (Reutti, 1853) **S** (Bengtsson 2023).
0474a *Caloptilia honoratella* (Rebel, 1914) **N** (Aarvik et al. 2023).
0475 *Caloptilia jurateae* Bengtsson, 2010 **D**.
0504 *Macrosaccus robiniella* (Clemens, 1859) **Lv**.
0514 *Phyllonorycter muelleriella* (Zeller, 1839) **D** (Buhl et al. 2024a).
0532 *Phyllonorycter schreberella* (Fabricius, 1781) **N** (Gustad & Aarvik 2021).
0552 *Phyllonorycter pastorella* (Zeller, 1846) **D** (Buhl et al. 2024a).
0555 *Phyllonorycter comparella* (Duponchel, 1843) **S**.

ARGYRESTHIIDAE

- 0626 *Argyresthia trifasciata* (Staudinger, 1871) **Lt** (Ivinskis & Rimšaitė 2022).
0641 *Argyresthia conjugella* Zeller, 1839 **I**.

PLUTELLIDAE

- 0660 *Rhigognostis schmaltzella* (Zetterstedt, 1839) **Lt** (Ivinskis & Rimšaitė 2022).

YPSOLOPHIDAE

- 0706 *Ypsolopha chazariella* (Mann, 1866) **S** (Bengtsson 2023).

TORTRICIDAE

- 0800 *Ditula angustiorana* (Haworth, 1811) **F**.
0806 *Periclepsis cinctana* (Denis & Schiffermüller, 1775) **F**.
0836 *Lozotaeniodes formosana* (Frölich, 1830) **S** (Bengtsson 2024).
0935 *Acleris lacordairana* (Duponchel, 1836) **N** (Aarvik et al. 2023).
0985a *Aethes bilbaensis* (Rössler, 1877) **F**.
1085 *Pristerognatha fuligana* (Denis & Schiffermüller, 1775) **N** (Aarvik et al. 2023).
1142 *Ancylis comptana* (Frölich, 1828) **D** (Buhl et al. 2023).
1212 *Crociosema plebejana* Zeller, 1847 **S**.
1341 *Cydia amplana* (Hübner, 1799) **F**.
1383 *Pammene aurita* Razowski, 1992 **F**.

OECOPHORIDAE

- 1485 *Denisia augustella* (Hübner, 1796) **Lv**.
1518 *Callima formosella* (Denis & Schiffermüller, 1775) **F**.

DEPRESSARIIDAE

- 1628 *Anchinia cristalis* (Scopoli, 1763) **N** (Aarvik et al. 2023).

ETHMIIDAE

- 1641 *Ethmia terminella* T. Fletcher, 1938 **N**.

GELECHIIDAE

- 1699 *Nothris verbascella* (Denis & Schiffermüller, 1775) **Lt** (Ivinskis & Rimšaitė 2021).
 1723 *Acompsia schmidtellus* (Heyden, 1848) **S** (Bengtsson 2022).
 1727 *Brachmia inornatella* (Douglas, 1850) **N** (Aarvik *et al.* 2023).
 1730 *Helcystogramma triannulella* (Herrich-Schäffer, 1854) **D**.
 1741 *Dactylotula kinkerella* (Snellen, 1876) **N** (Aarvik *et al.* 2023).
 1758 *Bryotropha basaltinella* (Zeller, 1839) **N** (Aarvik *et al.* 2023).
 1839 *Sophronia chilonella* (Treitschke, 1833) **F**.
 1863 *Chionodes ignorantella* (Herrich-Schäffer, 1854) **Lt**.
 1868 *Gelechia sabinellus* (Zeller, 1839) **Lt** (Ivinskis & Rimšaitė 2023).
 1876 *Gelechia rhombelliformis* Staudinger, 1871 **F**.
 1894 *Scrobipalpa clintoni* Povolný, 1968 **F**.
 1904 *Scrobipalpa costella* (Humphreys & Westwood, 1845) **N**.
 1905 *Scrobipalpa ocellatella* (Boyd, 1858) **N** (Aarvik *et al.* 2023), **F**.
 1920 *Klimeschiopsis kiningerella* (Duponchel, 1843) **Lt** (Ivinskis & Rimšaitė 2023).
 1971 *Altenia scriptella* (Hübner, 1796) **F**.
 1973 *Recurvaria nanella* (Denis & Schiffermüller, 1775) **F**.

ELACHISTIDAE

- 2073 *Elachista anserinella* Zeller, 1839 **F**.

COLEOPHORIDAE

- 2125 *Coleophora saponariella* Heeger, 1848 **N** (Aarvik *et al.* 2023).
 2131 *Coleophora gardesanella* Toll, 1953 **S** (Bengtsson 2022).
 2203 *Coleophora spiraeella* Rebel, 1916 **Lv**.
 2222 *Coleophora coronillae* Zeller, 1849 **S** (Bengtsson 2024).
 2226 *Coleophora ballotella* (Fischer von Röslerstamm, 1839) **S** (Bengtsson 2023).
 2128 *Coleophora scabrida* Toll, 1959 **F**.
 2232 *Coleophora lineolea* (Haworth, 1828) **N** (Aarvik *et al.* 2023).
 2234 *Coleophora albicostella* (Duponchel, 1843) **S** (Bengtsson 2021).
 2147 *Coleophora derasofasciella* Klimesch, 1952 **N**.
 2267 *Coleophora ibipennella* Zeller, 1849 **F**.
 2269 *Coleophora zelleriella* Heinemann, 1854 **N**.

MOMPHIDAE

- 2289 *Mompha propinquella* (Stainton, 1851) **N** (Aarvik *et al.* 2023).

BLASTOBASIDAE

- 2299 *Blastobasis glandulella* (Riley, 1871) **S** (Bengtsson 2023).

THYRIDIDAE

- 2341 *Thyris fenestrella* (Scopoli, 1763) **Lt** (Ivinskis & Rimšaitė 2021).

PTEROPHORIDAE

- 2387 *Stenoptilodes taprobanes* (Felder & Rogenhofer, 1875) **D** (Buhl *et al.* 2024a).

HESPERIIDAE

- 2467 *Carcharodus alceae* (Esper, 1780) **D** (Larsen *et al.* 2023).

NYMPHALIDAE

2601 *Coenonympha arcania* (Linnaeus, 1761) **F**.

PYRALIDAE

2728 *Sciota lucipetella* (Jalava, 1978) **Lt** (Ivinskis & Rimšaitė 2022).

2737 *Gymnancyla canella* (Denis & Schiffermüller, 1775) **N** (Aarvik et al. 2023).

2737a *Gymnancyla hornigii* (Lederer, 1852) **F**.

2749 *Etiella zinckenella* (Treitschke, 1832) **N** (Aarvik et al. 2023).

2766 *Uncinus obductella* (Zeller, 1839) **Lv**.

2818 *Homoeosoma sinuella* (Fabricius, 1794) **N** (Aarvik et al. 2023).

2836 *Ephestia woodiella* Richards & Thomson, 1932 **S** (Bengtsson 2024).

CRAMBIDAE

2857 *Uresiphita gilvata* (Fabricius, 1794) **N** (Aarvik et al. 2023), **S**.

2885 *Sclerocona acutellus* (Eversmann, 1842) **F**.

2927 *Duponchelia fovealis* Zeller, 1847 **Lv**.

2941 *Cydalima perspectalis* (Walker, 1859) **N** (Aarvik et al. 2023), **Lv**.

2976 *Eudonia laetella* (Zeller, 1846) **D**.

GEOMETRIDAE

3124 *Idaea fuscovenosa* (Goeze, 1781) **F**.

3149 *Scopula marginepunctata* (Goeze, 1781) **Lv**.

3307 *Pareulype berberata* (Denis & Schiffermüller, 1775) **F**.

3314 *Horisme corticata* (Treitschke, 1835) **Lv, Lt** (Batulevičius & Švitra 2023).

3316 *Horisme radicularia* (La Harpe, 1855) **Lt** (Batulevičius 2024).

3456 *Heliomata glarearia* (Denis & Schiffermüller, 1775) **F**.

3491 *Synopsia sociaria* (Hübner, 1799) **F**.

3497b *Ascotis selenaria* (Denis & Schiffermüller, 1775) **D** (Nielsen 2023), **Lv**.

3603 *Charissa ambiguata* (Duponchel 1830) **D**.

SPHINGIDAE

3714 *Hyles euphorbiae* (Linnaeus, 1758) **N** (Aarvik et al. 2023).

NOTODONTIDAE

3744 *Drymonia ruficornis* (Hufnagel, 1766) **F**.

EREBIDAE

3827 *Euproctis chrysorrhoea* (Linnaeus, 1758) **F**.

3863 *Utetheisa pulchella* (Linnaeus, 1758) **N** (Aarvik et al. 2023), **S, F**.

3957 *Eublemma purpurina* (Denis & Schiffermüller, 1775) **Lt** (Ivinskis & Rimšaitė 2022).

NOCTUIDAE

3984 *Acontia lucida* (Hufnagel, 1766) **D** (Hviid 2024).

3997 *Thysanoplusia orichalcea* (Fabricius, 1775) **D** (Larsen et al. 2022).

4006 *Diachrysia chryson* (Esper, 1789) **Lt** (Ūsaitis et al. 2021).

4071 *Deltote deceptor* (Scopoli, 1763) **F**.

4073 *Deltote bankiana* (Fabricius, 1775) **N** (Thollefson & Flesjå 2024).

4148 *Heliiothis nubigera* Herrich-Schäffer, 1851 **S, D** (Larsen 2023).

- 4158 *Cryphia fraudatricula* (Hübner, 1803) **S, D** (Larsen 2022).
 4159 *Cryphia algae* (Fabricius, 1775) **N** (Aarvik *et al.* 2023).
 4166 *Bryopsis muralis* (Forster, 1771) **N** (Aarvik *et al.* 2023).
 4180 *Elaphria venustula* (Hübner, 1790) **N** (Lund 2022).
 4188 *Caradrina petraea* Tengström, 1869 **F**.
 4215 *Mormo maura* (Linnaeus, 1758) **N** (Aarvik *et al.* 2023), **S**.
 4246 *Hydraecia nordstroemi* Horke, 1952 **Lt** (Ivinskis & Rimšaitė 2021).
 4247 *Hydraecia petasitis* Doubleday, 1847 **N**.
 4297 *Apamea epomidion* (Haworth, 1809) **N** (Aarvik *et al.* 2023).
 4328 *Xylomoia graminea* (Graeser, 1889) **S, D, F**.
 4359 *Cirrhia ocellaris* (Borkhausen, 1792) **Lt** (Batulevičius & Švitra 2023).
 4362 *Agrochola lychnidis* (Denis & Schiffermüller, 1775) **N** (Aarvik *et al.* 2023).
 4387 *Lithophane consocia* (Borkhausen, 1792) **I**.
 4466 *Anarta trifolii* (Hufnagel, 1766) **I**.
 4526 *Mythimna pallens* (Linnaeus, 1758) **I**.
 4476 *Polia lamuta* (Herz, 1903) **N** (Saarenmaa 2020).
 4530 *Mythimna vitellina* (Hübner, 1808) **Lt** (Ivinskis & Rimšaitė 2024).
 4540 *Leucania loreyi* (Duponchel, 1827) **N** (Aarvik *et al.* 2023).
 4625 *Noctua interposita* (Hübner, 1790) **N**.
 4667 *Xestia stigmatica* (Hübner, 1813) **F**.

New taxa to the Nordic-Baltic area

ERIOCRANIIDAE

- 0024a *Eriocrania marci* Schmid, 2024 **F**.

HELIOZELIDAE

- 0198a *Antispila petryi* Martini, 1898 **S, E** (Nieukerken *et al.* 2018, Bengtsson 2024).

TINEIDAE

- 0345a *Neurothaumasia* LeMarchand, 1934
 0345b *ankerella* (Mann, 1867) **D** (Buhl *et al.* 2023).

GRACILLARIIDAE

- 0462a *Calybites quadrisignella* (Zeller, 1839) **Lt** (Ivinskis & Rimšaitė 2021).
 0492a *Acrocercops andreneli* Nel, J.-C. Grange, E. Grange & Varenne, 2023 **N, S, D, F, Lv** (Nel *et al.* 2023, Bengtsson 2024, Buhl *et al.* 2024b).
 0498a *Phyllocnistis triandricola* Voith, Aarvik, & Berggren, 2023 **N** (Voith *et al.* 2023), **D**.
 0498b *Phyllocnistis asiatica* Martynova, 1955 **D, S** (Voith *et al.* 2023).

YPONOMEUTIDAE

- 0593a *Zelleria oleastrella* (Millière, 1864) **N, D** (Buhl *et al.* 2024b).

ARGYRESTHIIDAE

- 0626a *Argyresthia thuiella* (Packard, 1871) **Lt** (Ivinskis & Rimšaitė 2023).

TORTRICIDAE

- 0832a *Clepsis dumicolana* (Zeller, 1847) **D** (Arter.dk 2025).
0890a *Cnephasia pumicana* (Zeller, 1847) **S** (Bengtsson 2023), **D** (Buhl et al. 2023).
0959a *Phalonidia contractana* (Zeller, 1847) **S**, **D**.

GELECHIIDAE

- 1763a *Aristotelia bengtssoni* Karsholt & Gregersen, 2022 **S**, **E** (Gregersen & Karsholt 2022).
1976a *Coleotechnites thujaella* (Kearfott, 1903) **Lv**, **Lt**. Records of *Coleotechnites piceaella* (Kearfott, 1903) from Lithuania (Ivinskis & Rimšaitė 2022, 2023, 2024) refer to *C. thujaella*.

BATRACHEDRIDAE

- 2100a *Batrachedra confusella* Berggren, Aarvik, Huemer, Lee & Mutanen, 2022 **N**, **S**, **D**, **F** (Berggren et al. 2022).

COLEOPHORIDAE

- 2191a *Coleophora avellanae* Tabell & Huemer, 2024 **N** (Tabell et al. 2024), **S**.
2212a *Coleophora pilosae* Tabell, 2024 **S**, **D** (Tabell et al. 2024).

PYRALIDAE

- 2723a *Laodamia combustella* (Herrich-Schäffer, 1855) **D**.
2773a *Psorosa dahliella* (Treitschke, 1832) **S**.

CRAMBIDAE

- 2859a *Loxostege deliblatica* Szent-Ivány & Uhrik-Mészáros, 1942 **F**.
2963a *Musotiminae*
2963b *Musotima* Meyrick, 1884
2963c *nitidalis* (Walker, 1866) **D**.
2998a *Euchromius bella* (Hübner, 1796) **F**.

GEOMETRIDAE

- 3122a *Idaea inquinata* (Scopoli, 1763) **Lt** (Ūsaitis et al. 2023).
3134a *Idaea degeneraria* (Hübner, 1799) **D** (Dyrsted 2024).
3610a *Aplasta* Hübner, 1823
3610b *ononaria* (Fuessly, 1773) **D** (Larsen 2020).

EREBIDAE

- 3797a *Hypena scabra* (Fabricius, 1798) **I**.
3916a *Idia* Hübner, 1813
3916b *calvaria* (Denis & Schiffermüller, 1775) **F**.
3938a *Schrankia balneorum* (Alphéraky, 1880) **F**.
3954a *Eublemma candidana* (Fabricius, 1794) **F**.
3957a *Eublemma polygramma* (Duponchel, 1842) **F**.
3958a *Drasteria* Hübner, 1818
3958b *caucasica* (Kolenati, 1846) **F**.

NOCTUIDAE

- 3984a *Acontia candefacta* (Hübner, 1831) **D**, **S**, **F**.
4188a *Caradrina vicina* Staudinger, 1870 **F**.

- 4188b *Caradrina expansa* Alphéraky, 1897 **F**.
 4188c *Caradrina gilva* (Donzel, 1837) **S**.
 4208a *Proxenus correpta* (Püngeler, 1907) **F**.
 4337a *Sesamia* Guenée, 1852
 4337b *nonagrioides* (Lefèbvre, 1827) **D** (Dyrsted 2023).
 4562a *Dichagyris musiva* (Hübner, 1803) **F**.
 4596a *Ochropleura leucogaster* (Freyer, 1831) **D** (Hviid 2022).

NOLIDAE

- 4695a *Nola estonica* Õunap, 2021 **E** (Õunap *et al.* 2021).

Taxonomic changes

HELIOZELIDAE

Nieukerken *et al.* (2018) found that *Antispila petryi* Martini, 1899 is a valid species and not a synonym of *A. treitschkiella* (Fischer von Röslerstamm, 1843). The records of the latter given in the checklist (Aarvik *et al.* 2017) from Sweden and Estonia belong to *A. petryi*. However, *A. treitschkiella* was recorded new to Sweden (and the Nordic-Baltic area) by Bengtsson (2024), and it was recorded new to Denmark in 2024.

BUCCULATRICIDAE

0418 *Bucculatrix frangulella* (Goeze, 1783). The original spelling of the name «*frangutella*» is a misspelling and is corrected to «*frangulella*». The species feeds on *Frangula* and should have been named «*frangulella*». The German name is also given in the original description as Faulbaummotte (Faulbaum = *Frangula alnus*). Consequently, *Bucculatrix frangulella* (Goeze, 1783) is a justified emendation of *B. frangutella* (ICZN article 33.2).

TORTRICIDAE

1345 Hu *et al.* (2023) found that the genus *Grapholita* Treitschke, 1829 is polyphyletic, comprising three different clades. They proposed a new classification which is presented here:

- Aspila* Stephens, 1834
andabatana (Wolff, 1957)
cotoneastri (Danilevsky, 1968)
lobarzewskii (Nowicki, 1860)
funebrana (Treitschke, 1835)
tenebrosana (Duponchel, 1843)
inopinata (Heinrich, 1928)
janthinana (Duponchel, 1835)
Grapholita Treitschke, 1829
compositella (Fabricius, 1775)
pallifrontana Lienig & Zeller, 1846
aureolana Tengström, 1848
caecana Schläger, 1847
discretana Wocke, 1861
lunulana (Denis & Schiffermüller, 1775)
orobana Treitschke, 1830
Ephippiphora Duponchel, 1834

fissana (Frölich, 1828)
gemmiferana (Treitschke, 1835)
jungiella (Clerck, 1759)
nebritana (Treitschke, 1830)

1392 Hu *et al.* (2023) found that the genus *Corticivora* Clarke, 1951 should be removed from the tribe Grapholitini. However, its exact position is not known. The single European species, *Corticivora piniana* (Herrich-Schäffer, 1851), was formerly placed in Eucosmini in the genus *Rhyacionia* Hübner, 1825, the members of which it superficially resembles. We return the species to the end of Eucosmini after *Rhyacionia* and *Clavigesta* Obraztsov, 1946.

OECOPHORIDAE

1517 Pohl & Landry (2023) pointed out that *Callima* Herrich-Schäffer, 1858 is an incorrect subsequent spelling of *Kallima* Doubleday, 1849. *Callima* Clemens, 1860 is therefore valid, and the replacement name *Epicallima* Dyar, 1903 should not be used.

DEPRESSARIIDAE

1558 *Levipalpus* Hannemann, 1953 was synonymized with *Exaeretia* Stainton, 1849 resulting in a new combination for *L. hepatoriella* (Lienig & Zeller, 1846), *Exaeretia hepatoriella* (Lienig & Zeller, 1846) (Buchner & Corley 2024).

1570 *Agonopterix hypericella* (Hübner, 1817) has been wrongly used for this species. *A. impurella* (Treitschke, 1835) was reinstated as the valid name (Buchner & Corley 2024).

1572 *Agonopterix quadripunctana* (Wocke, 1857) has been mixed with *A. putridella* (Denis & Schiffermüller, 1775) in N Europe (Buchner & Corley 2024). The latter species occurs in Norway, Sweden and Finland, and the Fennoscandinian population was described as a separate subspecies, *A. putridella* ssp. *scandinavicus* Buchner & Corley, 2024. The real *A. quadripunctata* is in our area distributed in Sweden, Finland and Estonia (Buchner & Corley 2024).

1605 *Depressaria beckmanni* Heinemann, 1870 was reinstated as a valid species by Buchner & Corley (2024). These authors recorded it from **Lv**.

1632 The genus *Orophia* Hübner, 1825 should be placed in the subfamily Cacothroinae (not in Cryptotechiinae) (Kaila *et al.* 2024).

GELECHIIDAE

1734, 1740, 1749 Bidzilya *et al.* (2025) has shown that the genus *Anomologa* Meyrick, 1926, type genus of the subfamily Anomologinae Meyrick, 1926, belongs in the subfamily currently known as Apatetrinae Le Marchand, 1947. Anomologinae is the senior synonym. Consequently, Anomologinae must be used for Apatetrinae auct., and Anomologini for the tribe hitherto known as Apatetrini. Aristoteliinae must be used for Anomologinae auct.

1898 *Scrobipalpa pauperella* (Heinemann, 1870) is a junior synonym of *S. freyii* (Scott, 1859) (Beavan & Heckford 2024).

COLEOPHORIDAE

2263 *Coleophora anatipennella* (Hübner, 1796). The nomenclature of this species has been unstable.

In our checklist (Aarvik *et al.* 2017) we used the name *C. anatipennella* which for many years was the undisputed name. In 1985 the older name *C. bernoulliella* (Goeze, 1783) was introduced as the senior synonym (Karsholt 1985). However, Emmet (1996) argued that the name *Tinea bernoulliella* Goeze cannot be applied to this species and should be treated as a *nomen oblitum*. In recent years the name *C. bernoulliella* has (again) gained increased support as the valid name, e.g. Baldizzone *et al.* (2006), Baldizzone (2019), Landry (2023), Tabell *et al.* (2024). The argument for this is that «Despite doubts about its correct identity it is preferable to synonymize it with *anatipennella* to avoid leaving an uninterpreted name» (Baldizzone *et al.* 2006). In the recent British checklist (Agassiz *et al.* 2024) Emmet (1996) is followed. The designation of a neotype of *Tinea bernoulliella* Goeze, 1783 would certainly help to stabilize the nomenclature of this species. In the present update we return to the older name *C. bernoulliella*.

NYMPHALIDAE

2625 Russell *et al.* (2022) demonstrated that the lectotype designation of *Papilio hermione* Linnaeus, 1764 by Kudrna (1977) is invalid. Consequently, the name *Hipparchia alcyone* (Denis & Schiffermüller, 1775) should be reinstated as the valid name for this species.

GEOMETRIDAE

3183 *Xanthorhoe quadrifasiata* (Clerck, 1759) was transferred to the genus *Ochyria* Hübner, 1825 resulting in the combination *Ochyria quadrifasiata* (Clerck, 1759) (Öunap *et al.* 2024).

3464 *Macaria wauaria* (Linnaeus, 1758), 3465 *M. artesiaria* (Denis & Schiffermüller, 1775), 3467 *M. fusca* (Thunberg, 1792), 3468 *M. brunneata* (Thunberg, 1784) and 3469 *M. loricaria* (Eversmann, 1837) were transferred to *Speranza* Curtis, 1828 by Öunap *et al.* (2024).

3466 *Macaria carbonaria* (Clerck, 1759) was transferred to the genus *Epelis* Hulst, 1896 resulting in the combination *Epelis carbonaria* (Clerck, 1759) (Öunap *et al.* 2024).

3522 *Ematurga* Lederer, 1853 is a synonym of *Hypomecis* Hübner, 1821 resulting in the combination *Hypomecis atomaria* (Linnaeus, 1758) (Murillo-Ramos *et al.* 2021).

NOTODONTIDAE

3737 *Harpyia* Ochsenheimer, 1810 was transferred from the subfamily Dicranurinae to the subfamily Teleclitinae (St Laurent *et al.* 2025).

3739 *Stauropus* Germar, 1812 was transferred from the subfamily Dicranurinae to the subfamily Stauropinae (St Laurent *et al.* 2025).

3759 The subfamily Ptilodontinae is a synonym of Notodontinae (St Laurent *et al.* 2025).

3760 *Pterostoma* Germar, 1812 was transferred from the subfamily Ptilodontinae to the subfamily Spataliinae (St Laurent *et al.* 2025).

LASIOCAMPIDAE

3639 The subfamily Poecilocampinae was synonymized with Chondrosteginae (Beljaev *et al.* 2025).

EREBIDAE

3846 *Eilema* Hübner, 1819. Dubatolov & Zolotuhin (2011) proposed a new classification of Palaearctic

and some Oriental species that have been included in the genus *Eilema* Hübner, 1819, although this work was not based on rigorous phylogenetic analysis. Macià *et al.* (2022) more or less repeated the classification proposed by Dubatolov & Zolotuhin (2011) but were geographically limited to the European and North African fauna. The latter authors used an integrative approach combining morphology (genitalia) with molecular data and conducted their analyses in a truly phylogenetic context. Unfortunately, some of the genera of their classification are not monophyletic, and the genitalia give little evidence for some of them. However, it is likely that a future global revision of Lithosiina will show some of the genera proposed by these authors to be well founded. Until we have better data, we still prefer to maintain the present concept of the genus *Eilema*.

NOCTUIDAE

3985 *Acontia trabealis* (Scopoli, 1763) was returned to the genus *Emmelia* Hübner, 1821 (Keegan *et al.* 2021). This was followed by Hacker *et al.* (2022) in the treatment of numerous African species in the subfamily Acontiinae.

4156 The subfamily Bryophilinae relegated to tribal level as Bryophilini inside Noctuinae (Keegan *et al.* 2021, Schmidt 2023).

4169 The subfamily Eriopinae relegated to tribal level as Eriopini inside Noctuinae (Keegan *et al.* 2021, Schmidt 2023).

4091 The genus *Allophyes* Tams, 1942 was transferred from the subfamily Amphipyryinae to the subfamily Cuculliinae (Keegan *et al.* 2021).

4126 The genus *Stilbia* Stephens, 1829 was transferred from the subfamily Oncocnemidinae to the subfamily Stiriinae (Keegan *et al.* 2021).

Corrections

0198 *Antispila treitschkiella* (Fischer von Röslerstamm, 1843). The records from Sweden and Estonia were revised to *A. petryi* Martini 1899 (Nieukerken *et al.* 2018, Bengtsson 2024), but see comment above.

0402 *Teichobia* Bruand, 1851 (Year of publication).

0403 - *verhuella* Bruand, 1851 (Year of publication).

0437 *Ornixola caudulatella* (Zeller, 1839) (Year of publication).

0499 *Phyllocnistis saligna* (Zeller, 1839). Deleted from Denmark. Barcoded specimens from Bornholm identified as *P. saligna* belong to *P. triandricola* Voith, Aarvik & Berggren, 2023.

1128 *Bactra suedana* Bengtsson, 1990 (Year of publication).

1543 Correct spelling is Chimabacchinae (not «Chimabachinae»).

1590 *Agonopterix carduella* (Hübner, 1817) (Year of publication).

1673 *Stomopteryx remissella* (Zeller, 1847). Correct spelling is *remissella* (not «*remisella*»).

2078 *Elachista baltica* E. Hering, 1891. Deleted from Norway due to misidentification.

2228 *Coleophora ornatipennella* (Hübner, 1796). Deleted from Denmark (and the Nordic-Baltic area) due to misidentification (Buhl *et al.* 2024a).

2885 *Sclerocona acutella* (Eversmann, 1842). The species epithet should be *acutellus*. The original combination is *Chilo acutellus* Eversmann, 1842.

3107 *Cyclophora puppillaria* (Hübner, 1799). Correct spelling is *puppillaria* (not «*pupillaria*»).

4109 *Acronicta tridens* (Denis & Schiffermüller, 1775). Deleted from Norway due to misidentification.

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