

THIRD UPDATE TO A CHECKLIST OF THE LEPIDOPTERA OF THE BRITISH ISLES, 2013

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Abstract

This update incorporates information published since 21 November 2018 and before 30 November 2019 into *A Checklist of the Lepidoptera of the British Isles*, 2013.

Introduction

The *Checklist of the Lepidoptera of the British Isles*, 2013 has previously been amended (Agassiz, Beavan & Heckford 2016a, 2016b and 2019). This update details seven species new to the main list and four to Appendix A. Numerous taxonomic changes are incorporated and additional country distributions included.

CENSUS

The number of species now recorded from the British Isles stands at 2554 of which 57 are thought to be extinct and in addition there are 188 adventive species.

ADDITIONAL SPECIES in main list

Also make appropriate changes in the index

| | | |
|---------|--|---|
| 15.0131 | <i>Caloptilia honoratella</i> (Rebel, 1914) | E |
| | TRACHYPEPLA Meyrick, 1883 | |
| 28.029 | <i>Trachypepla contritella</i> (Walker, 1864) | E |
| 49.3771 | <i>Pammene juniperana</i> (Millière, 1858) | E |
| | LAMORIA Walker, 1863 | |
| 62.0025 | <i>Lamoria anella</i> ([Denis & Schiffermüller], 1775) | E |
| 63.1145 | <i>Elophila rivulalis</i> (Duponchel, [1834]) | I |
| 70.1271 | <i>Horisme radicularia</i> (La Harpe, 1855) | E |
| | NYCTEOLA Hübner, 1822 | |
| 74.0095 | <i>Nycteola siculana</i> (Fuchs, 1899) | E |

ADDITIONAL SPECIES in Appendix A

Also make appropriate changes in the index

| | | |
|---------|---|---|
| | DEUDORIGINI | |
| | DEUDORIX Hewitson, [1863] | |
| 61.0045 | <i>Deudorix antalus</i> (Hopffer, 1855) | E |
| | HYPSIPYLA Ragonot, 1888 | |
| 62.0415 | * <i>Hypsipyla grandella</i> (Zeller, 1848) | S |

* = provisional identification.

- PLEUROPRUCHA** Möschler, 1890
 70.0375 *Pleuroprucha insulsaria* (Guenée, 1858) Common Tan Wave E
PHAIOGRAMMA Gumpfenberg, 1857
 70.3073 *Phaiogramma faustinata* (Millière, 1868) Millière's Emerald E

TAXONOMIC CHANGES

Also make appropriate changes in the index

- p. 28 35.079 insert new generic name **OXYPTERYX** Rebel, 1911 above *wilkella*,
EULAMPOTES Bradley, 1971 becomes a junior synonym.
 p. 60 59.019 insert new generic name **SPEYERIA** Scudder, 1872 above *aglaja* and
 delete **MESOACIDALIA** Reuss, 1926.
 59.020 raise subgenus **FABRICIANA** Reuss, 1920 to generic level.
 p. 64 62.060 amend to:
 62.060 1478a **serratilineella** (Ragonot, 1887)
edmandsii sensu auct.
 p. 68 63.076 insert new tribe name **EUCHROMIINI** Léger, Landry & Nuss,
 2019 above **EUCHROMIUS**.
 p. 68 63.077 insert tribe name **CHILOINI** Heinemann, 1865 above **CHILO**.
 p. 68 63.078 insert tribe name **HAIMBACHINI** Landry, 1995 above
FRIEDLANDERIA.
 p. 68 63.079 insert tribe name **CALAMATROPHINI** Gaskin, 1988 above
CALAMATROPHA.
 p. 68 63.080 insert tribe name **CRAMBINI** Latreille, 1810 above
CHRYSOTEUCHIA.
 p. 69 63.113 insert tribe name **ANCYLOLOMIINI** Ragonot, 1889 above
ANCYLOLOMIA.
 p. 98 73.169 insert *remmi* Rezbanyai-Reser, 1985 below *didyma* sensu auct. nec
 (Esper, 1788) as a junior synonym of *secalis* (Linnaeus, 1758).
 p. 103 73.291/292 replace with:
 73.291 2199/2200 **pallens** (Linnaeus, 1758)
favicolor (Barrett, 1896)
 p. 130 Delete B98 and the referable text.

ADDITIONAL TAXONOMIC CHANGES not reflected in changes to the checklist

- p. 47. Brown *et al.*, 2019 propose changes to generic names of the Cochylini which we do not address in this update.
 pp. 57–62. Weimers *et al.*, 2018 in an updated checklist of European butterflies, propose changes to some specific names based on gender agreement.
 pp. 57–62. Nieuwerkerken *et al.*, 2019 argue against the use of gender agreement by Weimers *et al.*, with which we agree.

ADDITIONAL COUNTRY DISTRIBUTION

- 4.064 *Trifurcula headleyella* W
 7.013 *Nematopogon magna* E
 15.050 *Phyllonorycter cerasicolella* I

| | | | |
|--------|----------------------------------|-----------------------|---|
| 15.087 | <i>Phyllonorycter comparella</i> | | W |
| 16.023 | <i>Ocnerostoma piniariella</i> | | W |
| 17.005 | <i>Ypsolopha scabrella</i> | | S |
| 20.007 | <i>Argyresthia cupressella</i> | | S |
| 28.008 | <i>Metalampra italica</i> | | W |
| 35.045 | <i>Brytropa basaltinella</i> | | W |
| 35.126 | <i>Phthorimaea operculella</i> | | W |
| 35.142 | <i>Teleiodes wague</i> | | W |
| 37.017 | <i>Coleophora prunifoliae</i> | | W |
| 37.046 | <i>Coleophora deauratella</i> | | S |
| 37.053 | <i>Coleophora betulella</i> | | S |
| 38.042 | <i>Elachista serricornis</i> | | W |
| 41.004 | <i>Blastobasis vittata</i> | | S |
| 42.002 | <i>Stathmopoda pedella</i> | | I |
| 49.106 | <i>Gynnidomorpha minimana</i> | | W |
| 49.329 | <i>Cydia illutana</i> | | W |
| 49.368 | <i>Pammene herrichiana</i> | | I |
| 49.378 | <i>Pammene ochsenheimeriana</i> | | W |
| 62.023 | <i>Pempelia palumbella</i> | | S |
| 62.048 | <i>Euzophora pinguis</i> | | S |
| 63.121 | <i>Donacaula forficella</i> | | S |
| 71.004 | <i>Cerura erminea</i> | Feline | E |
| 72.080 | <i>Catocala elocata</i> | French Red Underwing | E |
| 73.139 | <i>Lenisa geminipuncta</i> | Twin-spotted Wainscot | S |

DELETION OF COUNTRY DISTRIBUTION

| | | | |
|--------|--------------------------------|--|---|
| 62.045 | <i>Zophodia grossulariella</i> | | I |
|--------|--------------------------------|--|---|

NOTES RELATING TO ADDITIONS AND CHANGES

- 4.064 Found new to Wales by Tordoff (Davis & Tordoff, 2018: 285).
- 7.013 Previously omitted in error (Beaumont, 2019).
- 15.0131 Added to the British list by Harper & Roberts (2019).
- 15.050 Found new to Ireland by D. Allen (Davis & Tordoff, 2019: 290).
- 15.087 Found new to Wales by G. Knight (Davis & Tordoff, 2018: 288).
- 20.007 Found new to Scotland by M. S. Taylor (Davis & Tordoff, 2019: 293).
- 28.008 Found new to Wales by P. J. & V. F. Clarke (Langmaid & Young, 2013: 218).
- 28.029 Added to the British list by Banthorpe (2019).
- 35.045 Found new to Wales by P. J. & V. F. Clarke (Davis & Tordoff, 2019: 295).
- 35.079 The revised synonymy of *Oxypteryx* and *Eulamprotes* has been published by Bidzilya *et al.* (2019) and adopted within Europe.
- 35.126 Found new to Wales by H. M. Bantock (Davis & Tordoff, 2019: 296).
- 35.142 Found new to Wales by G. M. Tordoff (Davis & Tordoff, 2019: 296).
- 37.017 Found new to Wales by R. F. Taylor (Davis & Tordoff, 2018: 294).
- 37.046 Published as new to Scotland by M. R. Young (Langmaid & Young, 2013: 216).
- 37.053 Found new to Scotland by D. H & R. McIlwraith (Davis & Tordoff, 2019: 297).

- 38.042 Found new to Wales by R. Taylor (Langmaid & Young, 2013: 217).
 41.004 Found new to Scotland by N. Voaden (Davis & Tordoff, 2019: 299).
 42.002 Found new to Ireland by M. Malley (Davis & Tordoff, 2019: 299).
 49.106 Found new to Wales by R. F. Taylor (Davis & Tordoff, 2018: 298).
 49.329 Found new to Wales by I. Rabjohns (Davis & Tordoff, 2019: 303).
 49.368 Found new to Ireland by T. Rolston (Davis & Tordoff, 2019: 308).
 49.3771 Added to the British list by Cole, Sims & Harvey (2019).
 49.378 Found new to Wales by I. Standen & R. Standen (Langmaid & Young, 2013: 226).
 59.019 /020 Revision of the taxonomy of the genus *Argynnis* Fabricius has been published by de Moya *et al.* (2017) and adopted within Europe, for example by Weimers *et al.* (2018).
 61.0045 Published as new to Britain by Kemp & Hall (1998).
 62.0025 Added to the British list by Anderson & Dickerson (2019).
 62.023 Found new to Scotland by D. Foreman (Davis & Tordoff, 2019: 304).
 62.0415 Added to the British list by Leverton (2019) as a provisional identification.
 62.048 Found new to Scotland by R. & B. Mearns (Davis & Tordoff, 2019: 305).
 62.060 *Vitula serratilineella* is considered by some to be a species distinct from *edmundsii* (Aarvik *et al.*, 2017).
 63.062–} Tribal classification of the Scopariinae and Crambinae and updated by
 63.113 } L  ger, Landry & Nuss (2019).
 63.1145 Added to the British list by Strickland (2019).
 63.121 Found new to Scotland by A. Kerr (Davis & Tordoff, 2019: 307).
 70.0375 Added to the British list by Halsey & Hausmann (2019).
 70.1271 Added to the British list by Smith & Clancy (2019).
 70.3073 Added to the British list by Evans (2019).
 71.004 Found new to England (Brown, 2019).
 72.080 Found new to England by P. Harman (Clancy, 2016: 76).
 73.0527 Found new to Ireland by T. Bryant (Bryant & Bond, 2019).
 73.139 Found new to Scotland (Cubitt, 2019).
 73.169 Confirmation of the status of *remmi* has been provided by Sihvonen *et al.* (2019).
 73.291 } We follow Aarvik *et al.* (2017) in considering *favicolor* to be a form of *pallens*.
 73.292 }
 74.0095 Added to the British list by Parks (2019).
 B47 Clarification of the identity of this species published by Heckford & Beavan (2016).
 B48 Change of the status of *remmi* has been provided by Sihvonen *et al.*, (2019).

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CORRIGENDA

- p. 22 28.028 Change (Meyrick, 1884) to (Meyrick, 1883)
- p. 25 35.006 Remove brackets around Bankes, 1898
35.011 Remove brackets around author and date of *tremulella*
- p. 28 35.066 Change *fuscocuprella* to *fuscocuprea*
35.083 Change (Stainton, 1854) to (Stainton, 1860)
- p. 29 35.105 Remove brackets around author and date of *cautella*
- p. 30 35.126 Change (Ragonot, 1878) to (Ragonot, 1879)
35.128 Change *semidecandrella* (Tutt, 1887) to *semidecandriella*
- p. 31 35.158 Change *obscorella* (Kearfott, 1903) to (Kearfott, 1907)
- p. 64 62.060 Change (Packard, [1865]) to (Packard, 1864)
- p. 58 57.009 Change (Esper, 1779) to (Esper, 1777)
- p. 58 58.004 Change (Freyer, 1828) to (Freyer, 1829)
- p. 61 59.035 Change (Esper, 1779) to (Esper, 1777)
- p. 84 70.2841 Change **PUNGELARIA** to **PUNGELERIA**
- p. 123 Amend number 73.0641 to 73.0647

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We are grateful to Mr P. R. Hall for drawing our attention to the publication of *Virachola antalus* (Hopffer, 1855), now *Deudorix antalus*, and to Mr O. Karsholt for his help with certain taxonomic changes.

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