

## SECOND UPDATE TO THE *CHECKLIST OF THE LEPIDOPTERA OF THE BRITISH ISLES, 2013*

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### Abstract

This update incorporates information published since 26 March 2016 and before 20 November 2018 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 by the Corrigenda (Agassiz, Beavan & Heckford, 2016a) and Addenda and Amendments (Agassiz, Beavan & Heckford, 2016b).

### CENSUS

The number of species now recorded from the British Isles stands at 2547 of which 57 are thought to be extinct. In addition there are 184 adventive species.

### ADDITIONAL SPECIES in main list

Also make appropriate changes in the index

6.0021	<i>Antispila treitschkiella</i> (Fischer von Röslerstamm, 1843)	E	
35.0191	<i>Anarsia innoxia</i> Gregersen & Karsholt, 2017	E	
35.0205	<i>Dichomeris acuminatus</i> (Staudinger, 1876)	E	
49.1231	<i>Aethes deaurana</i> (Peyerimhoff, 1877)	E	
49.3275	<i>Cydia interscindana</i> (Möschler, 1866)	E	
63.0605	<b>CORNIFRONS</b> Lederer, 1858		
63.0605	<i>ulceratalis</i> Lederer, 1858	E	W I
63.0762	<i>Euchromius ramburiellus</i> (Duponchel, 1836)	E	
73.0527	<i>Cucullia calendulae</i> Treitschke, 1835	E	Marigold Shark

### ADDITIONAL SPECIES in Appendix A

Also make appropriate changes in the index

12.0355	<b>PHEREOECA</b> Hinton & Bradley, 1956		
12.0355	<i>lodli</i> Vives, 2001		I
35.0145	<i>Mesophleps ochracella</i> (Turati, 1926)		I
62.0501	<i>Euzophera costivittella</i> Ragonot, 1887	E	
70.2785	<b>PLESIOMORPHA</b> Warren, 1898		
70.2785	<i>flaviceps</i> (Butler, 1881)	E	
70.3075	<b>MICROLOXIA</b> Warren, 1893		
70.3075	<i>herbaria</i> (Hübner, [1813])	E	Herb Emerald

72.0855	<b>OPHIUSA</b> Ochsenheimer, 1816		
72.0855	<i>tirhaca</i> (Cramer, 1773)	Green Drab	E
73.0645	<i>Amphipyra effusa</i> Boisduval, [1828]	Landguard Ochre	E
73.0811	<i>Callophistria floridensis</i> (Guenée, 1852)	Florida Fern Moth	E

## CHANGE OF STATUS

### Move from Appendix A to main list

62.0181	<b>SELAGIA</b> Hübner, [1825]		
62.0181	<i>Selagia argyrella</i> ([Denis & Schiffermüller], 1775)		E

## TAXONOMIC CHANGES

Also make appropriate changes in the index

- p. 8 4.072 *quadrimaculella* remove square brackets around 1853 as the date of publication has now been established.
- p. 9 6.002 replace with:
- 159 *petryi* Martini, 1899 E W  
*treitschkiella* sensu auctt.
- p. 11 11.008/9 replace with:
- 184/185 11.009 *lapidella* (Goeze, 1783)  
*ferchaultella* (Stephens, 1850)
- p. 20 21.002 change *padifoliella* (Hübner, [1813]) to *padifoliella* sensu auctt.
- p. 21 28.001 replace **BISIGNA** Toll, 1956 with **PROMALACTIS** Meyrick, 1908
- p. 25 35.001 replace **SYNCOPACMA** Meyrick, 1925 with **APROAEREMA** Durrant, 1897
- p. 25 35.003 place parentheses around Gozmány, 1957
- p. 25 35.010 delete **APROAEREMA** Durrant, 1897
- p. 38 43.005 amend to:
- 914 *subcinctella* (Bruand, [1851])  
*crassiuscula* (Herrich-Schäffer, 1855)  
*fletcherella* Meyrick, [1928]
- p. 40 45.026 delete **CROMBRUGGHIA** Tutt, 1907
- p. 43 49.031 delete **APHELIA** Hübner, [1825] and raise **ZELOTHERSESES** Lederer, 1859 to generic level.
- p. 43 49.033 raise **APHELIA** Hübner, [1825] from subgeneric to generic level.
- p. 61 61.013 replace **MACULINEA** Eecke, 1915 with **PHENGARIS** Doherty, 1891
- p. 62 62.002 insert new generic name **LAMORIA** Walker, 1863
- p. 64 62.065 amend to:
- 1474 *woodiella* Richards & Thomson, 1932 E W C  
*parasitella* sensu auctt. nec Staudinger, 1859  
*unicolorella* sensu auctt. nec Staudinger, 1881
- p. 66 63.038 replace **PLEUROPTYA** Meyrick, 1890 with **PATANIA** Moore, 1888
- p. 77 70.121 delete **HYDRIA** Hübner, 1822

**ADDITIONAL TAXONOMIC CHANGES** not reflected in changes to the checklist

- pp. 6–9 Nieuwerkerken *et al.* (2016) propose a new order for the Nepticulidae.  
 pp. 77/80 70.130 placed by Hausmann & Viidalepp (2012) in Chesiadini.  
 pp. 87/90 72.068 The genus *Colobochyla* Hübner, [1825] placed in Hypeninae by Lafontaine & Schmidt (2013).  
 p. 92 73.034 The genus *Moma* Hübner, [1820] transferred from the subfamily Acronictinae to Dyopsinae by Rota *et al.* (2015).  
 p. 92 73.035 & 73.036 The genus *Simyra* Ochsenheimer, 1816 found to be a junior synonym of *Acronicta* Ochsenheimer, 1816 by Rota *et al.* (2015).  
 p. 93 73.046 The genus *Subacronicta* found to be a junior synonym of *Acronicta* by Rota *et al.* (2015).  
 pp. 94/101/103 73.086 Xyleninae, Hadeninae and Noctuinae all merged as Noctuinae by Lafontaine & Schmidt (2013).  
 p. 99 73.193 *Omphaloscelis* Hampson, 1906 found to be a junior synonym of *Agrochola* Hübner, [1821] by Fibiger *et al.* (2010).

**ADDITIONAL COUNTRY DISTRIBUTION**

4.053	<i>Stigmella incognitella</i>	I
4.056	<i>Stigmella speciosa</i>	I
4.087	<i>Ectoedemia quinquella</i>	I
4.098	<i>Ectoedemia spinosella</i>	I
9.006	<i>Lampronia fuscata</i>	I
11.007	<i>Banksia conspurcatella</i>	I
11.008	<i>Luffia lapidella</i>	S W I
12.017	<i>Nemapogon koenigi</i>	I
15.066	<i>Phyllonorycter strigulatella</i>	I
15.085	<i>Phyllonorycter joannisi</i>	I
15.089	<i>Cameraria ohridella</i>	S
19.011	<i>Acrolepiopsis assectella</i>	I
19.012	<i>Acrolepiopsis betulella</i>	I
20.002	<i>Argyresthia glabratella</i>	I
22.003	<i>Prays ruficeps</i>	I
28.024	<i>Tachystola acroxantha</i>	I
32.011	<i>Agonopterix scopariella</i>	I
32.050	<i>Telechrysis tripuncta</i>	I
35.060	<i>Apodia bifractella</i>	I
37.010	<i>Coleophora alnifoliae</i>	W
38.024	<i>Elachista poae</i>	S
38.045	<i>Elachista utonella</i>	W
41.0041	<i>Blastobasis maroccanella</i>	I
49.040	<i>Lozotaeniodes formosana</i>	I
49.042	<i>Neosphaleroptera nubilana</i>	S

49.057	<i>Cnephasia longana</i>		I
49.085	<i>Acleris kochiella</i>		W
49.100	<i>Phalonidia curvistrigana</i>		I
49.169	<i>Celypha aurofasciana</i>		W
49.191	<i>Endothenia nigricostana</i>		I
49.196	<i>Bactra lacteana</i>		I
49.270	<i>Eucosma aemulana</i>		I
49.275	<i>Eucosma conterminana</i>		I
49.335	<i>Cydia strobilella</i>		I
49.361	<i>Pammene ignorata</i>		I
49.374	<i>Pammene trauniana</i>		W
62.020	<i>Etiella zinckenella</i>		I
62.027	<i>Dioryctria simplicella</i>		I
62.039	<i>Apomyelois bistriatella</i>		S
62.045	<i>Zophodia grossulariella</i>		I
62.054	<i>Homoeosoma sinuella</i>		S
62.065	<i>Ephestia woodiella</i>		I
63.042	<i>Diplopeustis perieresalis</i>		I
63.054	<i>Cydalima perspectalis</i>		S W I
63.079	<i>Calamotropha paludella</i>		I
73.059	<i>Calophasia lunula</i>	Toadflax Brocade	W
73.139	<i>Lenisa geminipuncta</i>	Twin-spotted Wainscot	S

#### DELETION OF COUNTRY DISTRIBUTION

4.009	<i>Stigmella alnetella</i>		I
21.006	<i>Leucoptera lathyrioliella</i>		I

#### NOTES RELATING TO ADDITIONS AND CHANGES

- 4.072 Date established by Nieuwerkerken *et al.* (2016).
- 6.002} *Antispila petryi* distinguished as a good species by Nieuwerkerken *et al.*  
6.0021} (2018).
- 11.009 *Luffia ferchaultella* considered a form of *L. lapidella* by Arnscheid and Weidlich (2017).
- 12.0355 Added to the British list by Monteith (Bond *et al.*, 2017) and there published as 12.0265 and with parentheses around the author and date on p. 9.
- 21.002 *Lyonetia padifoliella* is a species distinct from *L. prunifoliella* (Bengtsson & Johansson, 2011).
- 28.001 *Bisigna procerella* transferred to the genus *Promalactis* by Wang *et al.* (2015).
- 35.001} *Syncopacma* synonymized with *Aproaerema* by Aarvik *et al.* (2017).  
35.010}
- 35.0145 Added to the British list by Monteith (Bond *et al.*, 2017) and there published as 35.0142 and with the author and date of publication given on p. 16 as (Herrich-Schäffer, 1855).

- 35.0191 Added to the British list by Gregersen & Karsholt (2017).  
 35.0205 Added to the British list by Parsons & Honey (2017).  
 43.005 *Scythris subcinctella* shown to be the senior synonym of *S. crassiuscula* by Delmas (2016).  
 45.026 *Crombrugghia* is treated as a synonym of *Oxyptilus* by Aarvik *et al.* (2017).  
 49.031 The change of rank of *Zelothereses* has been confirmed by Dombroskie & Sperling (2013).  
 49.1231 Added to the British list by Harris (Sterling, 2018).  
 49.3275 Added to the British list by Arnfield & Dykes (2017).  
 61.013 *Phengaris* is accepted over *Maculinea* despite an outstanding ICZN appeal. Aarvik *et al.* (2017).  
 62.002 *Aphomia zelleri* transferred to the genus *Lamoria* by Leraut (2014).  
 62.0501 Added to the British list by Agassiz (2017).  
 62.065 *woodiella* has been shown to be distinct from *unicolorella* by Leraut (2014).  
 63.038 *Pleuroptya* has been synonymized with *Patania* by Kirti & Gill (2007).  
 63.0605 Added to the British list by Parsons *et al.* (2016).  
 63.0762 Added to the British list by Johns *et al.* (2016).  
 70.121 *Hydria* is synonymized with *Rheumaptera* by Öunap *et al.* (2016).  
 70.2785 Added to the British list by Arnfield (Clancy, 2017).  
 70.3075 Added to the British list by Casey (2016).  
 72.0861 Added to the British list by Gough (Fox, 2017).  
 73.0527 Added to the British list by Barron (Clancy, 2017).  
 73.0645 Added to the British list by Townsend & Odin (2018).  
 73.0811 Added to the British list by Rouse (2016).

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**CORRIGENDA**

- p. 9 6.002 Date of *petryi* should read 1899 and not 1898
- p. 15 15.047 Insert Bradley number 327 in column 2
- p. 18 19.000 Amend spelling of Orthteliinae to Orthoteliinae
- p. 31 35.152 Change (Hubner, 1796) to (Hübner, 1796)  
35.154 Change (Edelston, 1844) to (Edleston, 1844)  
35.158 Change *niger* to *nigra*
- p. 32 37.021 *Coleophora arctostaphyli* change 'Meder, 1933' to 'Meder, 1934'
- p. 54 49.325 Insert Bradley number 1255 in column 2
- p. 64 62.020 Change date to 1864 and remove square brackets
- p. 75 70.074 Change July Highflier to July Highflyer, also in index  
70.075 Change May Highflier to May Highflyer, also in index  
70.076 Change Ruddy Highflier to Ruddy Highflyer, also in index
- p. 96 73.132 Amend spelling of *nicklerlii* to *nickerlii* throughout
- p. 116 59.0201 Insert Fabricius, 1807 after ARGYNNIS
- p. 125 B12 Delete Bradley number 327 in column 2
- p. 149 Amend number of Striped Twin-spot Carpet to 70.102
- p. 166 Delete DEUDORIGINI 61.0071
- p. 178 Amend number of *leucatea* to 35.157
- p. 184 Amend spelling of *nicklerlii* to *nickerlii*
- p. 184 Amend spelling of *niger* to *nigra* (Coleotechnites)

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