

ADDITIONS, DELETIONS AND CORRECTIONS TO AN ANNOTATED CHECKLIST OF THE IRISH BUTTERFLIES AND MOTHS (LEPIDOPTERA) WITH A CONCISE CHECKLIST OF IRISH SPECIES AND *ELACHISTA BIATOMELLA* (STAINTON, 1848) NEW TO IRELAND

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Abstract

Additions, deletions and corrections are made to the Irish checklist of butterflies and moths (Lepidoptera). *Elachista biatomella* (Stainton, 1848) is added to the Irish list. The total number of confirmed Irish species of Lepidoptera now stands at 1480.

Key words: Lepidoptera, additions, deletions, corrections, Irish list, *Elachista biatomella*

Introduction

Bond, Nash and O'Connor (2006) provided a checklist of the Irish Lepidoptera. Since its publication, many new discoveries have been made and are reported here. In addition, several deletions have been made. A concise and updated checklist is provided. The following abbreviations are used in the text: BM(NH) – The Natural History Museum, London; NMINH – National Museum of Ireland, Natural History, Dublin. The total number of confirmed Irish species now stands at 1480, an addition of 68 since Bond *et al.* (2006).

Taxonomic arrangement

As a result of recent systematic research, it has been necessary to replace the arrangement familiar to British and Irish Lepidopterists by the Fauna Europaea [FE] system used by Karsholt

and Razowski, which is widely used in continental Europe. While the FE species numbering system is also adopted in this checklist, in order to assist those familiar with the Bradley and Fletcher numbering system, the FE species numbers are followed, in square brackets, by the Bradley and Fletcher numbers. The FE sequence is strictly followed throughout, except in a few cases where newer generic combinations would have meant splitting families or genera, e.g. in the families Oecophoridae and Elachistidae. The former families Lymantridae and Arctiidae have been combined into the Erebidae, which follows the Noctuidae and the Nolidae respectively, the latter of these including some species previously placed in the Noctuidae.

Species added to the Irish Lepidoptera list since Bond *et al.* (2006)

293 [39]. *Ectoedemia heringi* (Toll, 1934)

Ectoedemia heringi was recorded from St John's Wood, Co. Roscommon, by the senior author on 12 October 2010, and reported as new to Ireland in Langmaid and Young (2011). There is, however, an earlier overlooked record: Heal (unpublished) in his "Miscellaneous notes and observations on the Microlepidoptera of Ireland", writes on p. 81 of finding mines, some tenanted, of this species (as *E. quercifoliae* (Toll, 1943) and *E. subbimaculella* (Haworth, 1828)) at Dixon Park, near Dunmurry, Co. Antrim, in November 1979, and provides a distinguishing feature (larval head colour) for the two species.

1111 [285]. *Caloptilia azaleella* (Brants, 1913)

The Azalea Leaf Miner *Caloptilia azaleella* was recorded in south Belfast, Co. Antrim, on 1 June 2002 (Higgott and Mackie, 2003; Langmaid and Young, 2003).

1129 [284]. *Caloptilia rufipennella* (Hübner, 1796)

Caloptilia rufipennella was recorded from Belfast, Co. Down, on 17 July 2003 by J. B. Higgott (Langmaid and Young, 2006). More recent records are: Gormanston, Co. Meath, 25 August 2007 and 25 July 2001 (E. O'Donnell); Tramore, Co. Waterford, 25 October 2005 (Bryant); Dublin City (National Botanic Gardens), 15 August 2009 and Cork City, 11 August 2011 (the last two by the senior author).

1403 [439]. *Swammerdamia compunctella* Herrich-Schäffer, 1855

Swammerdamia compunctella was recorded in south Belfast, Co. Antrim, on 2 June 2002, as the first Irish record (Higgott and Mackie, 2003; Langmaid and Young, 2003). Older records have, however, been found in collections: a female specimen under “*Swammerdamia caesiella*” labelled “Armagh 27/6/[18]89” was found by the senior author in the Johnson collection in NMINH, and its identity determined by dissection; a 1980 specimen from Loughgall, Co. Armagh has been found in the Faulkner collection; specimens from Brackagh and Aughinlig, both also Co. Armagh, dated 1998 and 1999 respectively, have been found in the Murphy collection (male dissected by the senior author). More recently the senior author took a specimen at Lullymore, Co. Kildare on 8 July 2006.

1442 [409a]. *Argyresthia trifasciata* Staudinger, 1871

This species was taken at Maynooth, Co. Kildare, on 1 June 2006, and has subsequently been taken there annually from mid May until the end of June (Strickland, pers. comm.). Elsewhere, it has been taken in 2010 at Finaghy, Co. Antrim (Mellon, pers. comm.); Dundalk, Co. Louth in 2010, May 2011 and in 2012 by D. Hodgers <<http://pets.groups.yahoo.com/group/MothsIreland/message/7320>>; Sallins, Co. Kildare, May 2011, G. de Jong <<http://pets.groups.yahoo.com/group/MothsIreland/message/05858>>; near Maghera, Co. Derry in late May, 2012 (C. Bertrand, pers. comm.) <<<http://pets.groups.yahoo.com/group/MothsIreland/message/8977>>>, and by the senior author in Cork City on 15 May 2012.

1447a [409b]. *Argyresthia cupressella* Walsingham, 1890

Argyresthia cupressella was recorded from Belfast, Co. Antrim, by J. B. Higgott, on 16 July 2003 (Langmaid and Young, 2004; Bond, 2009). More recently it has also been recorded from Maynooth, Co. Kildare (Strickland, pers. comm.).

1572 [476]. *Acrolepia autumnitella* Curtis, 1838

Adults of *Acrolepia autumnitella* were reported from Maynooth, Co. Kildare, in May and July 2009. Subsequently blotch mines belonging to the species were found on bittersweet nightshade, *Solanum dulcamara*, in Cork City in August 2009 (Langmaid and Young, 2010;

Strickland and Bond, 2011). The species was also recorded by E. O'Donnell at Stamullen, Co. Meath on 16 April 2011.

1668 [666]. *Semioscopis avellanella* (Hübner, [1793])

Semioscopis avellanella was recorded from Cratloe Wood, Co. Clare, by K. Hannan on 18 March 2008. The identity of the specimen, a female, was confirmed by dissection by the senior author. The specimen is in the NMINH collections (Reg. No. NMINH 2008: 255). This record is shown on a map by Tyner (2011a). Kane (1901) lists a record from Wicklow by G. V. Hart, but Beirne (1941) considered this record to be unreliable, citing “the foodplant *Tilia parvifolia* is non-indigenous”. *S. avellanella* is now known to feed on a variety of deciduous tree species.

1670 [667]. *Semioscopis steinkellneriana* ([Denis and Schiffermüller], 1775)

Semioscopis steinkellneriana was recorded from Ballynahone Bog and Drumlamph Wood, Co. Derry, in 2010 (Leonard, 2011; Langmaid and Young, 2011).

1874 [595]. *Elachista biatomella* (Stainton, 1848)

New to Ireland

A male specimen in the BM(NH) Collections taken by Bradley at Glengarriff, West Cork in June 1952 has recently been identified as *Elachista biatomella* following dissection by the senior author.

2048 [903]. *Chrysoclista linneella* (Clerck, 1759)

A specimen was photographed at Marina, Cork City, May 2011 by John O'Sullivan. This species was recorded from Holywood, Co. Down (Hogan, 1855), and was also listed from an unstated locality in Haliday's unpublished manuscript, but the records were considered doubtful by Beirne (1941), and the species was omitted in Bond (1995) and Bond *et al.* (2006).

2049 [902]. *Chrysoclista lathamella* T. Fletcher, 1936

Chrysoclista lathamella was recorded from Cronykeery, Co. Wicklow, by A. Tyner on 18 June 2005 (Langmaid and Young, 2006).

2883 [885]. *Mompha conturbatella* (Hübner, [1819])

A female *Mompha conturbatella* was taken at Peatlands Park, Co. Armagh, by K. Murphy on 9 July 2001, det. by the senior author (Bond, 2009). Further recent records include: two sites in Co. Louth: four specimens at Mullaghatin, Cooley Mountains, 28 June to 6 July 2011, and

one at Stormanstown Bog, Ardee on 10 July 2012 (D. Hodgers); Girley Bog, Co. Meath on 27 June 2012 (E. O'Donnell), and Lullymore West and Maynooth, both Co. Kildare, July 2011 (P. Strickland).

2885 [887]. *Mompha lacteella* (Stephens, 1834)

A male was taken at Rathgar, Dublin City on 26 June 1971 by M. Jeffares. The specimen has recently been dissected by the senior author. A 19th century record, possibly from Belfast, referred to by Hogan (1855) was considered doubtful by Beirne (1941).

2904a [874]. *Blastobasis lacticolella* Rebel, 1940

Blastobasis lacticolella was recorded from Cronykeery, Co. Wicklow and Tyrella, Co. Down (as *Blastbasis decolorella* (Wollaston)) (Langmaid and Young, 2003). This spreading species is currently known from a number of sites in eastern Ireland, extending from Co. Antrim southwards to Co. Waterford.

3095 [908]. *Sorhagenia rhamniella* (Zeller, 1839)

Sorhagenia rhamniella was recorded from Coolorta, Co. Clare, on 5 August 2006 (Clancy, 2007a). The record is also given in Langmaid and Young (2007). Records of *Sorhagenia* were previously considered to belong to one species, *S. lophyrella* (Douglas). This species complex was later shown to consist of three species. Bradley's records as "*lophyrella*" are indeed of that species. In addition, a much earlier (1888) specimen of *S. lophyrella* labelled: "Athlone 28-VII-88" was recently found by the senior author in the JJFX King Collection in Glasgow. King's notes indicate that the specimen was taken at Yewpoint, Co. Roscommon, about 7km NNW of Athlone.

3327 [737]. *Monochroa palustrellus* (Douglas, 1850)

Monochroa palustrellus was recorded from Leagh South near Kinvarra, Co. Galway, on 5 August 2006 (Clancy, 2007a). The record is also given in Langmaid and Young (2007).

3400 [758]. *Recurvaria leucatella* (Clerck, 1759)

A female of this species was taken by E. O'Donnell on 23 July 2011 at Monaleen, in the Burren, Co. Clare. The specimen has been deposited in the NMINH collections (Reg. No. 2011.39.1).

3419 [774]. *Teleiodes luculella* (Hübner, [1813])

A male *Teleiodes luculella* was recorded from Cronykeery, Co. Wicklow, by A. Tyner on 10 July 2003 (Langmaid and Young, 2004). The specimen is in the NMINH collections (Reg. No. NMINH 2003: 77). Further specimens have been recorded from this site in 2007, 2010 and 2012. The species has also been recorded from Killarney National Park, North Kerry in 2009 (P. Chapman), and from Killoughrum, Co. Wexford in 2010 and 2012 (M. O'Donnell).

3648 [825]. *Phthorimaea operculella* (Zeller, 1873)

The Potato Tuber Moth, *Phthorimaea operculella*, was recorded from Tramore, Co. Waterford, at a light-trap, on 28 September 2006 (Bryant, 2009b; Langmaid and Young, 2009b). The determination of the specimen, a female, was confirmed by the senior author by dissection. The specimen is in the NMINH collections (Reg. No. NMINH 2008: 25).

3795 [850]. *Syncopacma polychromella* (Rebel, 1902)

This migrant species was recorded from Tramore, Co. Waterford, by T. Bryant on 30 May 2009 (Bryant, 2009c; Bryant and Walsh, 2010; Clancy, 2012). The specimen, a male, is in the NMINH collections (Reg. No. NMINH 2009: 54).

4380 [1059]. *Acleris abietana* (Hübner, 1822)

This species was found on 16 and 20 April 2010, and 30 April 2011 at Mountstewart, Co. Down, by David McCormick. The last of these, a female, was dissected by the senior author.

4385a [1062a]. *Acleris effractana* (Hübner, [1799])

Acleris effractana was recorded from the west of Ireland by Karsholt *et al.* (2005). Their record was based on two specimens, found by the senior author in the Sheldon Collection in BM(NH) labelled "Co. Clare Aug 1929 WGS". Prior to Karsholt *et al.* (2009), this species had been confused with the widespread *A. emargana* (Fabricius). There is also a recent record of a male taken by the senior author at Einagh, in the west of Co. Clare, 2 August 2005. The identity of this specimen was confirmed by dissection.

4482 [1018]. *Cnephasia communana* (Herrich-Schäffer, 1851)

Cnephasia communana was recorded from Copeland Island, Co. Down, by K. Murphy on 16 June 2003 (Bond, 2009). The specimen, a female, was dissected and identified by J. Clifton.

4660 [1112a]. *Bactra venosana* (Zeller, 1847)

A male of this migrant species, which has not been recorded from Great Britain, was taken at Tramore, Co. Waterford on 22 September 2006 (dissected by the senior author) (Bryant and Bond, 2008; Langmaid and Young, 2007a; Clancy, 2008a). The specimen has been deposited in NMINH (Reg. No. 2008.21).

4669 [1101]. *Endothenia ustulana* (Haworth, 1811)

Three specimens taken at Cappoquin, Co. Waterford, were found by the senior author in the J. J. F. X. King collection, Hunterian Museum, Glasgow. They are dated July to August 1902 (Langmaid and Young, 2010).

4793 [1108]. *Lobesia abscisana* (Doubleday, 1849)

Lobesia abscisana was recorded from Stamullen, Co. Meath, by E. O'Donnell on 21 July 2009 (Langmaid and Young, 2009b). There have been several subsequent records: Dundalk, Co. Louth, 2010 and 2011 (D. Hodgers); Cronykeery, Co. Wicklow, 2010, 2011 and 2012 (A. Tyner), and Kilmichael Point, Co. Wexford, 2012 (M. O'Donnell).

4866 [1130]. *Epinotia pygmaeana* (Hübner, [1799])

A specimen of *Epinotia pygmaeana* was taken in a coniferous plantation at Ballyguyroe North in the Ballyhoura Mountains, Co. Cork, on 13 April 2009 (Bond, 2010). A further specimen was taken there by the senior author in April 2011.

4948 [1193]. *Eucosma tripoliana* (Barrett, 1880)

Eucosma tripoliana was recorded from Tramore saltmarsh, Co. Waterford, by T. Bryant on 18 August 2006 (Langmaid and Young, 2009b). A specimen was also taken by K. Murphy in 2005, probably at Mill Bay, Co. Down, but the site of capture remains uncertain. More recent records include Dundalk, Co. Louth in 2011 (D. Hodgers), and Little Island, Co. Cork, 26 July 2012 (the senior author). Specimens from all four locations have been dissected by the senior author.

5042 [1207]. *Clavigesta purdeyi* (Durrant, 1911)

The Pine Leaf-Mining Moth, *Clavigesta purdeyi*, was recorded from Tramore, Co. Waterford, on 4 August 2004 (Bryant, 2007b). A record from Barnland, Co. Wexford, by M.

O'Donnell on 5 August 2006 is given as "New to Ireland" by Langmaid and Young (2007).

5066 [1119a]. *Ancylis diminutana* (Haworth, 1811)

A female of this species, dissected by the senior author, was taken at St John's Wood, Co. Roscommon, by the senior author on 18 June 2010 (Langmaid and Young, 2011).

5154 [1262]. *Cydia amplana* (Hübner, [1800])

The first published Irish record of this species is of a specimen taken at Ashford, Co. Wicklow, by Angus Tyner on 11 August 2004 (Clancy, 2007b). Subsequently, a slightly earlier record was published by Clancy (2008a), Langmaid and Young (2009a) and Bryant (2010a). This referred to a male taken at Tramore, Co. Waterford, on 4 August 2004 by T. Bryant. This specimen was dissected by the senior author, and is in the NMINH collections (Reg. No. NMINH 2009: 55).

5181 [1227]. *Pammene giganteana* (Peyerimhoff, 1863)

A female of this gall-feeding species was taken on 7 April 2011 at Gortnamona, near Ballingeary, West Cork by J. Seawright. The specimen was dissected by the senior author.

5184 [1229]. *Pammene albuginana* (Guenée, 1845)

A male was reared "from decaying beech wood with moss" (Heal card index) on 28 May 1976 (dissected by the senior author) (Bond, 2009). This is the specimen that was referred to as possibly being *Pammene herrichiana* in Bond (1995).

5186 [1225]. *Pammene obscurana* (Stephens, 1834)

This species was recorded from Barnland, Co. Wexford on 11 June 2010 by M. O'Donnell. The identity of the specimen, a male, was determined by dissection by the senior author. A further record is: Lullymore, Co. Kildare, 7 May 2011 (P. Strickland).

5200 [1239]. *Pammene ochsenheimeriana* (Lienig and Zeller, 1846)

A male was taken at Rathescar Wood (O028869), Co. Louth, on 1 June 2011 by D. Hodgers. The identity was confirmed by the senior author following dissection; the specimen is held in NMINH (Reg. No. 2011.23.1).

5205 [1237]. *Pammene germmana* (Hübner, [1799])

Pammene germmana was recorded from Aughinlig, Co. Armagh, on 19 June 2009

(Langmaid and Young, 2010). A further specimen, a female dissected by the senior author, was taken by M. O'Donnell, at Killoughrim Forest, Co. Wexford on 26 June 2010; the species was again recorded there in 2011.

5302 [484]. *Epermenia aequidentellus* (E. Hofmann, 1867)

Epermenia aequidentellus was recorded from Tramore Burrow, Co. Waterford, on 16 July 2006 (Bryant, 2009a; Langmaid and Young, 2009b). The specimen, a female, is in the NMINH collections (Reg. No. 2008: 21).

5305 [481]. *Epermenia falciformis* (Haworth, 1828)

A specimen of *Epermenia falciformis* was taken at Brackagh, Co. Armagh, on 19 June 1998 by Kenny Murphy. More recently it has been taken by the same recorder at several other sites in Co. Armagh, and at Derryvore, Co. Fermanagh, 9 July 2005 (Bond, 2009). The species was also recorded at Lullymore, Co. Kildare on 7 July 2006 by M. O'Donnell.

5454 [1492]. *Crombrugghia laetus* (Zeller, 1847)

Crombrugghia laetus was recorded from Tramore, Co. Waterford, on 27 June 2006 (Bryant and Bond, 2010; Clancy, 2011). The record is given under *Oxyptilus laetus* by Langmaid and Young (2010). A second specimen, a female, was recorded by M. O'Donnell at Kilpatrick, Co. Wexford on 27 June 2011. Both specimens were dissected by the senior author.

5459 [1494]. *Capperia britanniodactyla* (Gregson, 1867)

A specimen was taken on 1 July 2007 at Murlough, Co. Down by K. Murphy (det. J. Clifton). Prior to this the only known Irish specimens were about a dozen labelled "Derry" in the BM(NH) (Shaffer, 1971; Hart, 2011). The species was omitted by Bond (1995) and Bond *et al.* (2006).

5652 [1413]. *Hypsopygia costalis* (Fabricius, 1775)

Two specimens of the Gold Triangle, *Hypsopygia costalis*, were record from Cronykeery, Ashford, Co. Wicklow, by A. Tyner, 25 and 28 September 2006 (Langmaid and Young, 2007; Walsh *et al.*, 2009). A further specimen was taken by E. Rolston at Murlough NNR, Co. Down on 13 July 2008.

5658 [1415]. *Hypsopygia glaucinalis* (Linnaeus, 1758)

This species was recorded from Murlough NNR, Co. Down, in August 2012 by A. Croy (per E. Rolston). There are old unconfirmed records of this species from Co. Wicklow (Birchall, 1873; Sinclair, 1879), and from Belfast (Watts, 1894).

***5751 [1441]. *Oncocera semirubella* (Scopoli, 1763)**

This species was recorded (as *Ilythyia semirubella*) from Dursey Island, West Cork by Kane (1901). The record was considered in need of confirmation by Beirne (1941) but is included in Sterling and Parsons (2012).

5848 [1465]. *Nephoterix angustella* (Hübner, 1796)

Nephoterix angustella was recorded from Tramore, Co. Waterford, by T. Bryant on 3 September 2010 (Bryant, 2010b; Langmaid and Young, 2011).

6246 [1298]. *Crambus ericella* (Hübner, [1813])

Crambus ericella was recorded from Glennasheevar (then referred to as Braade), Co. Fermanagh, by M. R. Young in the period 12-14 July 2002 (Langmaid and Young, 2003).

6314 [1316]. *Catoptria falsella* ([Denis and Schiffermüller], 1775)

A male *Catoptria falsella* was taken at Cronykeery, Co. Wicklow, by A. Tyner on 9 July 2005 (Davis, 2006). The specimen is in the NMINH collections (Reg. No. NMINH 2007: 5). Subsequently a number of further specimens have been recorded at this site, and one was recorded at Blackditch, Co. Wicklow on 22 July 2008 (A. Tyner, pers. comm.).

6367 [1324]. *Pediasia aridella* (Thunberg, 1788)

Pediasia aridella was recorded from Tramore, Co Waterford, in June and July 2007 (Bryant, 2009a; Langmaid and Young, 2010). A male taken at actinic light-trap on 8 June 2007 is in the NMINH collections (Reg. No. NMINH 2008: 21). In addition, two specimens were recorded at Kilmichael Point, Co. Wexford on 26 June 2009 by M. O'Donnell.

6499 [1357]. *Evergestis extimalis* (Scopoli, 1763)

Evergestis extimalis was recorded at Cronykeery, Co. Wicklow, by A. Tyner on 24 July 2003 (Clancy and Skinner, 2007). The specimen is in the NMINH collections (Reg. No. NMINH 2003: 78).

6521 [1360]. *Hellula undalis* (Fabricius, 1781)

The Old World Webworm, *Hellula undalis*, was recorded from Tramore, Co. Waterford, on 24 September 2006 (Bryant, 2009b; Langmaid and Young, 2009b). The specimen, a male, is in the NMINH collections (Reg. No. NMINH 2008: 25).

6550 [1393]. *Udea uliginosalis* (Stephens, 1834)

Udea uliginosalis was recorded from close to the summit of Corslieve in the Nephin Beg range, Co. Mayo, at a height of about 550m by J. Cromie on 17 July 2004 (Langmaid and Young, 2007). The specimen was not taken, but a photo is available.

6619 [1369]. *Uresiphita gilvata* (Fabricius, 1794)

Uresiphita gilvata was recorded from Tramore, Co. Waterford, on 18 October 2006 (Langmaid and Young, 2009b); the record is also given in Bryant (2010a). The specimen, a male, was dissected by the senior author, and is now in the NMINH collections (Reg. No. NMINH 2009: 56). Four specimens were recorded from Cape Clear Island, Co. Cork 10-13 October 2010 by E. O'Donnell and P. J. O'Keeffe; one of these, a male, is in NMINH (Reg. No. NMINH 2011:1).

6686 [1403a]. *Duponchelia fovealis* Zeller, 1847

This species was found indoors at Lucan, Co. Dublin on 11 January 2010 by P. Strickland <<http://pets.groups.yahoo.com/group/MothsIreland/message/5287>>. A further specimen was taken at a garden light-trap on 1 September 2012 at Finaghy, South Belfast (Co. Antrim) by H. Mellon <<http://pets.groups.yahoo.com/group/MothsIreland/message/9383>>.

6704 [1400]. *Antigastra catalaunalis* (Duponchel, 1833)

Antigastra catalaunalis was recorded from Barnland, Co. Wexford, by M. O'Donnell on 14 October 2005 (Langmaid and Young, 2006). A further specimen was recorded at Cronykeery, Co. Wicklow on 18 October 2005 by A. Tyner. The species was again seen at Barnland, and also at Tramore, Co. Waterford, both on 24 September 2006 (Clancy, 2008).

6819 [1979]. *Mimas tiliae* (Linnaeus, 1758)

The first confirmed Irish record the Lime-hawk Moth is of a specimen recorded from his garden in Drumcondra, Dublin City, on 19 May 2010 by S. Aylward. There are several old,

unconfirmed Irish records in the literature. Note: the species is listed as Irish in Karsholt and Razowski (1996).

6923 [1527]. *Thymelicus lineola* (Ochsenheimer, 1808)

The Essex Skipper, *Thymelicus lineola*, was recorded from Fardystown, Co. Wexford, in August 2006. It has subsequently spread outside the original discovery site (Wilson, Goodwin and Bond, 2009). Originally, it was misidentified as the Small Skipper *Thymelicus sylvestris* (Poda) (Wilson, Goodwin and Bond, 2007).

6924 [1526]. *Thymelicus sylvestris* (Poda, 1761)

The Small Skipper was recorded breeding at a site in Co. Kildare in 2005 (Harding, 2008; Harding and Jacob, in press).

7503 [1646]. *Watsonalla binaria* (Hufnagel, 1767)

The Oak Hook-tip *Watsonalla binaria* was recorded from Carrigmore, Co. Wicklow, by C. Osthoff on 28 July 2008 (Clancy, 2011; Walsh *et al.*, 2011).

7635 [1914]. *Ennomos fuscantaria* (Haworth, 1809)

A specimen of the Dusky Thorn *Ennomos fuscantaria* was taken at light at Cobh, Co. Cork on 30 September 2009 by J. Wilson. An image is available at <<http://www.flickr.com/photos/wilsonjim/3968598649/in/set-72157622240561909>>.

8072 [1691]. *Scopula emutaria* (Hübner, 1809)

Seven examples of the Rosy Wave *Scopula emutaria* were recorded on 12 July 2005 at a Robinson light-trap at Ballinoulart, Co. Wexford, and the species was subsequently found at other sites on the Wexford coast (O'Donnell, 2007). Five specimens were taken on 5 July 2006 at a 15W actinic light-trap at Tramore Burrow, Co. Waterford by T. Bryant (Bryant and Walsh, 2007).

8610 [1865]. *Chesias rufata* (Fabricius, 1775)

The Broom-tip, *Chesias rufata*, was recorded from Glenealy, Co. Wicklow on 24 May 2003, and from Carrigmore, Co. Wicklow on 5 and 12 July 2003 (M. O'Donnell). Further records are as follows: Rathdrum, Co. Wicklow, May 2004 (D. Dennison and L. Taylor); Lackan Wood, Co. Wexford, 2005, 2006 and 2007 and Barnland, Co. Wexford, 2007 (M. O'Donnell);

Carrigmore, Co. Wicklow, 2006, 2007 and 2008 (C. Osthoff).

8654 [1874]. *Euchoeca nebulata* (Scopoli, 1763)

A specimen of the Dingy Shell *Euchoeca nebulata* was recorded from Blackditch, near Newcastle, Co. Wicklow, by A. Tyner on 26 July 2008 (Clancy, 2011; Walsh *et al.*, 2011). This specimen is in the NMINH collections (Reg. No. NMINH 2009: 57). A further specimen was netted by K. Leonard at Ballysallagh, Co. Down on 29 June 2009, and the species was taken at light at three other sites in the north of Co. Down in 2012 (T. Rolston, pers. comm.). In addition, two specimens were trapped at The Raven, Co. Wexford on 30 June 2009 (Tyner, pers. comm.).

8783 [2287]. *Acronicta auricoma* ([Denis and Schiffermüller], 1775)

Clifton (2007) refers to a Cork record of the Scarce Dagger reported in Skinner (2009): Mizen Head (Co. Cork) 30 May 1937.

9368 [2404]. *Heliothis nubigera* (Herrich-Schäffer, 1851)

The Eastern Bordered Straw *Heliothis nubigera* was recorded from Tarmon, Mullet Peninsula, Co. Mayo, by D. Suddaby on 4 June 2006 (Walsh *et al.*, 2009).

9461 [2386c]. *Spodoptera cilium* Guenée, 1852

The Dark Mottled Willow *Spodoptera cilium* was recorded from Brownstown Head, Co. Waterford, on 13 September 2008 (Walsh and Bond, 2009; Clancy, 2011).

9531 [2313]. *Enargia paleacea* (Esper, 1788)

The Angle-striped Sallow, *Enargia paleacea*, was recorded from Legatillida, Co. Fermanagh, by V. McLoughlin on 7 August 2002 (Clancy and Skinner, 2006; Thompson and Nelson, 2006).

9562 [2271]. *Tiliacea citrigo* (Linnaeus, 1758)

The Orange Sallow was recorded from Cronykeery, Ashford, Co. Wicklow, by A. Tyner on 28 September 2002 and 3 October 2004 (Bond and Gittings, 2008). A specimen was found at light-trap at Finaghy, Co. Antrim on 28 September 2009 by C. Mellon <<http://pets.groups.yahoo.com/group/MothsIreland/message/5082>>. The larva was recorded from Donabate, Co. Dublin, on 9 May 2012, and from the Phoenix Park, Co. Dublin on 18 May 2012

(A. Tyner).

9657 [2235]. *Lithophane semibrunnea* (Haworth, 1809)

A single specimen was trapped near Ashford, Co. Wicklow by A. Tyner on 8 April 2004 <<http://www.mothsireland.com/specieslist.htm>>.

9664 [2240]. *Lithophane leautieri* (Boisduval, 1829)

Blair's Shoulder-knot *Lithophane leautieri* was recorded from near Wicklow town, Co. Wicklow, on 5 October 2002 (O'Donnell, 2003). It was also taken at Cronykeery, Co. Wicklow on 4 November 2002. Since then the species has spread considerably and it is now known from many other sites in eastern Ireland. The subspecies is given as *hesperica* Boursin in Clancy and Skinner (2003).

9866 [2371]. *Archanara dissoluta* (Treitschke, 1825)

The Brown-veined Wainscot *Archanara dissoluta* was recorded from Cronykeery, Co. Wicklow in 2003-2005 and 2012 by A. Tyner, and from Portumna Forest Park, Co. Galway, in August 2006 by D. Allen *et al.* (Walsh *et al.*, 2009). It was recorded from Belle Lake, Co. Waterford on 6 August 2007 by P. M. Walsh, and from Kyleneamelly, Lough Derg, Co. Galway on 3 August 2010 (P. Strickland). Recently it has been recorded from Tramore, Co. Waterford, 10 August 2012 (T. Bryant), and from Ballinamorrhagh, Co. Wexford, 19 August 2012 (C. J. Wilson).

9999 [2191]. *Mythimna turca* (Linnaeus, 1761)

The Double Line *Mythimna turca* was recorded from The Raven, Co. Wexford, by Philip Strickland on 25 June 2010 (Tyner, 2011a).

10022 [2202]. *Mythimna l-album* (Linnaeus, 1767)

The L-album Wainscot *Mythimna l-album* was recorded from Cape Clear Island, Co. Cork, by E. O'Donnell on 11 October 2010 (O'Donnell, 2011). A further specimen was recorded, by M. O'Donnell, from Kilpatrick Dunes, Co. Wexford on 1 October 2011.

10376 [2034]. *Lymantria dispar* (Linnaeus, 1758)

The Gypsy Moth was recorded from Rathdrum, Co. Wicklow, by D. Dennison and L. Taylor on 8 August 2004 (Clancy, 2007b).

10499 [2043]. *Eilema sororcula* (Hufnagel, 1766)

The Orange Footman *Eilema sororcula* was recorded from Cronykeery, Co. Wicklow, by A. Tyner on 9 May 2008 (Clancy, 2011; Walsh, 2011).

Notes on some species

162 [57] *Stigmella filipendulae* (Wocke, 1871)

Emmet (1981) recorded *Stigmella ulmariae* (Wocke, 1879) from leaf-mines on *Filipendula ulmaria* at Ballynahinch, while Bond recorded leaf-mines under the same name from Ballynafagh Bog, Co. Kildare, in 1997 (Langmaid and Young, 1999). According to van Nieukerken (unpublished), *S. ulmariae* is a junior synonym of *S. filipendulae* (see *Fauna Europaea*; Sterling and Parsons, 2012).

1236 [327]. *Phyllonorycter cydoniella* (Denis and Schiffermüller, 1775)

Irish records of this species refer to *Ph. hostis* Triberti, 2007 (*q.v.*). The separation of the two species and the corrected synonymy of these and closely related *Phyllonorycter* species are given by Triberti (2007). Irish specimens have been bred from crab apple *Malus sylvestris* by the senior author, and from unspecified *Malus* by Heal (NMINH collection).

1269 [332a]. *Phyllonorycter leucographella* (Zeller, 1850)

The leaf-mines of the Firethorn Leaf Miner *Phyllonorycter leucographella* were recorded in Trinity College Dublin and Terenure, both in Dublin City, in January 2005 (Bond and Ashe, 2005; Langmaid and Young, 2006). Since then, it has been reported from Cos Antrim, Armagh, Cork (East and Mid), Galway (West), Meath and Tipperary (South) (Bond, 2007; Walsh *et al.*, 2011).

1852 [622]. *Elachista adscitella* Stainton, 1851

The distribution map in Bland (1996) shows records of this species from five Irish vice-counties, but the only record found by the senior author is that of larvae found at Glengarriff, Co. Cork (West) in 1994 by Emmet and Langmaid (Agassiz *et al.*, 1996). The Irish distribution shown is identical to that of the following species, *E. bisulcella*, in Bland (1996), suggesting that the wrong distribution data were used.

2498 [516]. *Coleophora trifolii* (Curtis, 1832)

A female of this species was taken at Mercury-vapour light at Little Island, Co. Cork (East) on 17 July 2012. Identification was determined by dissection. Previous Irish records are either based on doubtfully Irish material, or are based on misidentifications, or refer to other species as a result of confusing changes in taxonomy. This should therefore be considered the only fully validated Irish record of the species.

2878 [881]. *Mompha terminella* (Humphreys and Westwood, 1845)

Mompha terminella was recorded from St John's Wood, Co. Roscommon by Emmet and Langmaid (1997). The senior author found leaf-mines of the species at the same site in Co. Roscommon, and also near Killavullen in Cork (East), both in 2011. Leaf-mines were observed by C. and B. Picton at Cultra, Co. Down on 2 October 2012, det. D. Grundy (J. McClean, pers. comm.).

3389 [779]. *Bryotropha affinis* (Haworth, 1828)

As indicated in Bland *et al.* (2002), earlier Irish records of this species were based on misdeterminations. The accompanying distribution map, however, shows records from Dublin and Sligo, these being based on older unconfirmed records or misidentifications. Based on this distribution map, the species was erroneously added to the Irish list in Bond *et al.* (2006). Since then, a number of validated Irish records have been obtained in the field or from museum collections. An authentic specimen was recorded from Tramore, Co. Waterford on 15 July 2005 (Bryant, 2007a; Langmaid and Young, 2007, 2009a). Recently, the species has been recorded from further localities: Traad Point, Co. Derry, 25 May 2010 (K. Leonard) (Langmaid and Young, 2011); Dundalk, Co. Louth, 28 June 2011 (det. confirmed by the senior author). In addition, a specimen from Clare has recently been found in the Bradley collection in BM(NH) labelled “. . . Burren: Ballynalacken area 4-22.vii.1960” (det. K. Sattler, 2011). There is also a specimen, without an abdomen, from the Russ Collection labelled “Sligo” (det. O. Karsholt) in NMINH, but it is not certain that this is of Irish origin.

4479 [1022]. *Cnephasia pasiuana* (Hübner, [1799])

This species is listed as Irish by Beirne (1941) and Bond (1995), but omitted by Bond *et al.*

(2006). It is considered that there is insufficient evidence to include this species as Irish. There is one specimen under this name in the Russ collection, labelled “Sligo”, in NMINH, possibly not of Irish origin, while an earlier record from Co. Dublin cannot be confirmed.

4632 [998]. *Epiphyas postvittana* (Walker, 1863)

The Light Brown Apple Moth *Epiphyas postvittana* was first recorded from Rosslare, Co. Wexford by Bond (1998). The species is now widespread and common in much of the north, east and south of Ireland.

4842 [1155]. *Epinotia brunnichana* (Linnaeus, 1767)

A number of specimens of *Epinotia brunnichana* from a wide range of mainly western locations have been found in several museum collections. All these were placed under *E. solandriana* (Linnaeus), but dissections confirm that they are *E. brunnichana*. *E. brunnichiana* has also been found in a wide range of mainly western Irish localities in recent years. There is, however, one male *E. solandriana* in the NMINH collections, labelled “Sligo E.W. Brown VII.[18]94”. Its identity was confirmed by the senior author by dissection. There are many further undissected Irish specimens under the name “*solandriana*” in various museum collections.

5020 [1180]. *Notocelia tetragonana* (Stephens, 1834)

Sterling and Parsons (2012) indicate records of this species from Co. Dublin and West Mayo, in addition to Clare. The only confirmed Irish record found by the senior author is a male from Ballyeigher Wood, Co. Clare, 20 June 1970 (J. D. Bradley) (specimen and genitalia slide checked in BM(NH)).

5101 [1253]. *Grapholita orobana* (Treitschke, 1830)

Grapholita lunulana (Denis and Schiffermüller) was recorded from Tramore Burrow, Co. Waterford, by T. Bryant on 12 May 2006 and 1 June 2006 (Langmaid and Young, 2009b). The specimens, two males, were later tentatively determined as *G. orobana* (Treitschke), and published as such, and as “new to Ireland” in Langmaid and Young (2011). Subsequent examination has confirmed that the specimens are indeed *G. lunulana*; *G. orobana* should not be placed therefore on the Irish list.

5426 [1507]. *Stenoptilia zophodactylus* (Duponchel, 1840)

Since Bond (2001), *Stenoptilia zophodactylus* has also been recorded from Graig Upper, East Cork, and Killoteran, Co. Waterford. Specimens from the new sites have been dissected.

6967 [....]. *Leptidea reali* Reissinger, 1989

Recent research (Dincă *et al.*, 2011) has shown that Irish specimens of the Cryptic Wood White previously determined as *L. reali* Reissinger are in fact *Leptidea juvernica* Williams, 1946, a taxon recently found to be specifically distinct by study of the molecular genetics.

7505 [1647]. *Watsonalla cultraria* (Fabricius, 1775)

Since its discovery in Co. Down in 1999, the Barred Hook-tip has been found at a number of additional sites in Cos Down, Galway, Clare, Limerick, and on several occasions in Co. Waterford, at Carriganore, Killoteran, west of Waterford city.

[...] 1831. *Eupithecia goossensiata* Mabille, 1869

Eupithecia goossensiata is now considered to be an ecological form of *E. absinthiata* (Clerck, 1859) (Mironov, 2003).

8660 [1867]. *Hydrelia flammeolaria* (Hufnagel, 1767)

In addition to the original single site in Co. Antrim (Belfast) and two in Co. Down, the Small Yellow Wave has been found at Barnland, Co. Wexford, 11 June 2006 (M. O'Donnell). It also continued to be reported on a number of occasions up to 2011 from Belfast, Co. Antrim, and other sites in North Down, and from Lisburn, Co. Antrim.

7540 [1890]. *Macaria alternata* ([Denis and Schiffermüller], 1775)

In addition to its first Irish location at Ardamine, Co. Wexford, the Sharp-angled Peacock has now been recorded from Kilpatrick and Barnland (M. O'Donnell) and Kilmuckridge (P. Strickland) in the same county; from Cronykeery (A. Tyner) and Avonmore riverside park (D. Dennison and L. Taylor) in Co. Wicklow; and from Tramore, Co. Waterford (T. Bryant). On 13 August 2012 a male was taken at Cloddagh, on Sherkin Island, Co. Cork by G. Hedges (dissected by the senior author).

7693 [1932]. *Agriopsis leucophaearia* ([Denis and Schiffermüller], 1775)

The Spring Usher, previously known from only single records from Enniskillen, Co.

Fermanagh and Bray, Co. Wicklow, has been found at a number of widely distributed localities since 2000, mainly in Co. Wicklow (A. Tyner, M. O' Donnell, C. Osthoff, C. Flynn), but also at Cratloe Wood, Co. Clare (K. Hannan); Glendaloughin, Co. Waterford (S. MacAmhalghaidh), and at Belvoir Park, Belfast (Co. Down) (D. Allen).

7796 [1947] *Ectropis bistortata* (Goeze, 1781)

This is now treated as a synonym of *E. crepuscularia* ([Denis and Schiffermüller], 1775) in *Fauna Europaea*.

8137 [1705] *Idaea fuscovenosa* (Goeze, 1781)

This is indicated as an Irish species in Karsholt and Razowski (1996); but the authors have been unable to find a source to justify this.

8736 [2012]. *Leucodonta bicoloria* ([Denis and Schiffermüller], 1775)

The White Prominent, unrecorded from Ireland since 1938, was rediscovered at Lough Carra, Co. Kerry in 2008 (Allen *et al.*, 2008). The species has also been recorded, sometimes in numbers, at or near this locality in the years 2009 to 2012.

9454 [2384]. *Hoplodrina ambigua* ([Denis and Schiffermüller], 1775)

In addition to the two records quoted in Bond *et al.* (2006), Vine's Rustic, has been recorded from Rathlin Island, Co. Antrim, 28 August 2001 (M. Hughes *et al.*, det P. Waring), while a male taken on Cape Clear Island, Co. Cork on 11 October 2010 by E. O'Donnell was dissected by the senior author.

8874 [2452]. *Catocala nupta* (Linnaeus, 1767)

Previously known only from a 1906 record from Co. Cork; the Red Underwing was recorded singly on four occasions in Co. Louth in the period 2006 to 2011 (D. Hodgers, S. McKeever, C. Honan).

9790 [2343a]. *Mesapamea secalella* Remm, 1983

Recent taxonomic studies (Zilli *et al.*, 2005) have shown that the name *didyma* Esper is a junior synonym of *secalis* Linnaeus, 1758. The name used for the Lesser Common Rustic therefore reverts to *Mesapamea secalella* Remm, 1983.

Other species

An Irish distribution is indicated for six species indicated below in Sterling and Parsons (2012); but either the records upon which this is based are erroneous, as indicated in Bond (1995), viz. *Glyphipterix equitella*, *Epinotia demarniana*, *Crambus pratella* and *C. hamella*, or, as in the case of *Eana incanana* and *Merrifieldia baliodactylus*, it cannot be substantiated by the senior author.

Species removed from the Irish Lepidoptera list

142 [71]. *Stigmella zelleriella* (Snellen, 1875)

Further examination of the genitalia slide of the specimen from Bull Island, Co. Dublin and reference to the illustrations in Bengtson (2008), indicate that it is a male *Stigmella salicis* (Stainton, 1854). *S. zelleriella* should therefore be removed from the Irish list.

1322 [356]. *Phyllonorycter tristrigella* (Haworth, 1828)

Bradley's record of *Phyllonorycter tristrigella* from South Kerry is erroneous (Mere *et al.*, 1964). The specimen, which is in the BM(NH) collection, has been re-examined, dissected, and determined as a male *Ph. nicellii* (Stainton) by the senior author.

2716 [562]. *Coleophora asteris* Mühlig, 1864

The record of this species from Co. Meath in Emmet *et al.* (1996), repeated in Bond *et al.* (2006), is erroneous, being based on a misidentification of *Coleophora virgaureae* (see Emmet and Langmaid, 1997: 150).

2721 [566]. *Coleophora sternipennella* (Zetterstedt, 1839)

Bond (2005) and Langmaid and Young (2005) reported *Coleophora sternipennella* from Clare Island, Co. Mayo. This record is erroneous, being based on a misidentification of a female of *C. saxicolella* (Duponchel).

2939 [871] *Oegoconia deauratella* (Herrich-Schäffer, 1854)

The indication of the occurrence of this species in Ireland in Bland (2002) and Bond *et al.* (2006) is incorrect. The records mentioned in Bland (2002) refer to *O. quadripuncta* (Haworth, 1828), and the associated vice-county distribution shown there should be combined with that for

O. quadripuncta.

3231 [751]. *Aristotelia subdecurtella* (Stainton, 1859)

The map showing the Irish distribution of *Aristotelia subdecurtella* in Bland *et al.* (2002) and the inclusion of this species in Bond *et al.* (2006) are erroneous. As implied in the accompanying text in Bland *et al.* (2002), this species has not been recorded in Ireland. The map in question indicates the Irish distribution of *Metzneria aestivella* (Zeller, 1839).

3242 [746]. *Chrysoesthia drurella* (Fabricius, 1775)

The inclusion of this species in Bond *et al.* (2006) is incorrect, probably arising through confusion with the taxonomy. The record indicated there refers to *Cosmopterix orichalea* Stainton, 1861 (= *C. druryella* Zeller, 1850 misidentification).

4493 [1016]. *Cnephasia longana* (Haworth, 1811)

Although earlier records were accepted by Beirne (1941), Bond (1995) and Bond *et al.* (2006), the inclusion of this species on the Irish list seems unjustified. There are two specimens under this name in the Russ collection, one labelled “Sligo”, in NMINH, but it is possible that they are not of Irish origin.

4721 [1065]. *Celypha rufana* (Scopoli, 1763)

The Greer record of *Celypha rufana* was accepted by Beirne (1942), but Huggins (1950) gives reasons for rejecting it. The species was not listed in Bond *et al.* (2006).

4945 [1194]. *Eucosma aemulana* (Schläger, 1849)

The record in Beirne (1945), repeated in Bond *et al.* (2006) is based on a misidentification (E. Hancock, pers. comm.) and the species should be deleted from the Irish list.

6082 [1482]. *Homoeosoma nimbella* (Duponchel, 1836)

There are no proven Irish specimens in NMINH. The earliest Irish record by Shield (1853) refers to larvae in seeds of “wild chamomile”, but the reported foodplant of this species is sheep’s-bit, *Jasione montana* (Sterling and Parsons, 2012), suggesting the species involved may have been the superficially similar *Phycitodes saxicola*.

7021 [1543]. *Colias hyale* (Linnaeus, 1758)

There are no confirmed Irish records of this species (Nash *et al.*, 2012).

7724 [1936]. *Menophra abruptaria* (Thunberg, 1792)

This was considered doubtfully Irish by Baynes (1964), and there have no more recent records of this species.

8698 [2019]. *Clostera curtula* (Linnaeus, 1758)

According to Baynes (1964) “further evidence of the existence of this species in Ireland is desirable”, although he does mention that larvae had been reported “from time to time”, but no moths were bred. Although the species was included in Bond *et al.* (2006), the Irish status of the species should be considered unconfirmed.

8778 [2279]. *Acronicta aceris* (Linnaeus, 1758)

This species was included as Irish without comment in Bond *et al.* (2006), although the Irish records were considered unconfirmed by Baynes (1964). As there have been no subsequent records, the status remains unconfirmed.

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Appendix

A concise and updated checklist of the Irish Lepidoptera is provided, based on Bond, Nash and O'Connor (2006) and information contained in the present paper. The Fauna Europaea species number is used, followed by the number used in Bradley (2000) in square brackets. Binomial names are given but Irish subspecies are indicated where considered relevant. Deleted species are in square brackets []. Additions since Bond *et al.* (2006) are indicated by an asterisk*.

SYSTEMATIC LIST

An "A" preceding the species number indicates that the species is considered an adventive, or accidental introduction, incapable of breeding in Ireland.

MICROPTERIGIDAE

7 [4]. *Micropterix aruncella* (Scopoli, 1763)

8 [3]. *Micropterix aureatella* (Scopoli, 1763)

10 [5]. *Micropterix calthella* (Linnaeus, 1761)

28 [2]. *Micropterix mansuetella* Zeller, 1844

ERIOCRANIIDAE

48 [6]. *Dyseriocrania subpurpurella* (Haworth, 1828)

Synonym *Eriocrania subpurpurella* (Haworth, 1828)

49 [7]. *Paracrania chrysolepidella* (Zeller, 1851)

Synonym *Eriocrania chrysolepidella* (Zeller, 1851)

50 [8]. *Heringocrania unimaculella* (Zetterstedt, 1839)

Synonym *Eriocrania unimaculella* (Zetterstedt, 1839)

51 [9]. *Eriocrania sparrmannella* (Bosc, 1791)

52 [10]. *Eriocrania salopiella* (Stainton, 1854)

53 [11]. *Eriocrania cicatricella* (Zetterstedt, 1839)

55 [12]. *Eriocrania sangii* (Wood, 1891)

56 [13]. *Eriocrania semipurpurella* (Stephens, 1835)

HEPIALIDAE

67 [17]. *Pharmacis lupulina* (Linnaeus, 1758)

Synonym *Hepialus lupulina* (Linnaeus, 1758)

COMMON SWIFT

69 [18]. *Pharmacis fusconebulosa* (DeGeer, 1778)

Synonym *Hepialus fusconebulosa* (DeGeer, 1778)

MAP-WINGED SWIFT

78 [16]. *Phymatopus hecta* (Linnaeus, 1758)

Synonym *Hepialus hecta* (Linnaeus, 1758)

GOLD SWIFT

80 [14]. *Hepialus humuli* (Linnaeus, 1758)

GHOST MOTH

NEPTICULIDAE

86 [118]. *Enteucha acetosae* (Stainton, 1854)

89 [116]. *Stigmella lapponica* (Wocke, 1862)

90 [117]. *Stigmella confusella* (Wood and Walsingham, 1894)

96 [110]. *Stigmella betulicola* (Stainton, 1856)

99 [112]. *Stigmella luteella* (Stainton, 1857)

100 [114]. *Stigmella glutinosae* (Stainton, 1858)

101 [115]. *Stigmella alnetella* (Stainton, 1856)

102 [111]. *Stigmella microtheriella* (Stainton, 1854)

105 [97]. *Stigmella malella* (Stainton, 1854)

APPLE PYGMY

109 [98]. *Stigmella catharticella* (Stainton, 1853)

110 [92]. *Stigmella anomalella* (Goeze, 1783)

ROSE LEAF MINER

111 [94]. *Stigmella spinosissima* (Waters, 1928)

113 [80]. *Stigmella ulmivora* (Fologne, 1860)

120 [82]. *Stigmella paradoxa* (Frey, 1858)

126 [108]. *Stigmella crataegella* (Klimesch, 1936)

128 [104]. *Stigmella magdalena* (Klimesch, 1950)

129 [103]. *Stigmella nylandriella* (Tengström, 1848)

130 [100]. *Stigmella oxyacanthella* (Stainton, 1854)

134 [99]. *Stigmella hybnerella* (Hübner, 1796)

136 [75]. *Stigmella floslactella* (Haworth, 1828)

138 [77]. *Stigmella tityrella* (Stainton, 1854)

139 [68]. *Stigmella salicis* (Stainton, 1854)

141 [72]. *Stigmella myrtillella* (Stainton, 1857)

[142 [71]. *Stigmella zelleriella* (Snellen, 1875)]

144 [70]. *Stigmella obliquella* (Heinemann, 1862)

146 [73]. *Stigmella trimaculella* (Haworth, 1828)

148 [66]. *Stigmella sorbi* (Stainton, 1861)

149 [67]. *Stigmella plagicolella* (Stainton, 1854)

150 [63]. *Stigmella lemniscella* (Zeller, 1839)

151 [64]. *Stigmella continuella* (Stainton, 1856)

152 [50]. *Stigmella aurella* (Fabricius, 1775)

153 [54]. *Stigmella auromarginella* (Richardson, 1890)

154 [53]. *Stigmella splendidissima* (Herrich-Schäffer, 1855)

- 157 [55]. *Stigmella aeneofasciella* (Herrich-Schäffer, 1855)
- 160 [56]. *Stigmella dryadella* (O. Hofmann, 1868)
- 161 [59]. *Stigmella poterii* (Stainton, 1857)
- 162 [57]. *Stigmella filipendulae* (Wocke, 1871)
 Synonym *Stigmella ulmariae* (Wocke, 1879)
- 166 [79]. *Stigmella perpygmaeella* (Doubleday, 1859)
- 169 [81]. *Stigmella hemargyrella* (Kollar, 1832)
- 174 [87]. *Stigmella svenssoni* (Johansson, 1971)
- 179 [84]. *Stigmella ruficapitella* (Haworth, 1828)
- 180 [83]. *Stigmella atricapitella* (Haworth, 1828)
- 207 [48]. *Trifurcula cryptella* (Stainton, 1856)
- 208 [49]. *Trifurcula eurema* (Tutt, 1899)
- 217 [45]. *Trifurcula subnitidella* (Duponchel, 1843)
- 222 [46]. *Trifurcula immundella* (Zeller, 1839)
- 239 [40]. *Bohemannia pulverosella* (Stainton, 1849)
- 240 [19]. *Bohemannia quadrimaculella* (Boheman, 1853)
- 254 [42]. *Ectoedemia septembrella* (Stainton, 1849)
- 268 [25]. *Ectoedemia intimella* (Zeller, 1848)
- 273 [23]. *Ectoedemia argyropeza* (Zeller, 1839)
- 288 [37]. *Ectoedemia albifasciella* (Heinemann, 1871)
- 292 [38]. *Ectoedemia subbimaculella* (Haworth, 1828)
- *293 [39]. *Ectoedemia heringi* (Toll, 1934)
- 301 [28]. *Ectoedemia angulifasciella* (Stainton, 1849)
- 302 [29]. *Ectoedemia atricollis* (Stainton, 1857)
- 303 [30]. *Ectoedemia arcuatella* (Herrich-Schäffer, 1855)
- 304 [31]. *Ectoedemia rubivora* (Wocke, 1860)
- 307 [34]. *Ectoedemia occultella* (Linnaeus, 1767)
- 308 [35]. *Ectoedemia minimella* (Zetterstedt, 1839)

OPOSTEGIDAE

315 [119]. *Opostega salaciella* (Treitschke, 1833)

319 [121]. *Pseudopostega crepusculella* (Zeller, 1839)

HELIOZELIDAE

329 [154]. *Heliozela sericiella* (Haworth, 1828)

330 [156]. *Heliozela resplendella* (Stainton, 1851)

331 [157]. *Heliozela hammoniella* Sorhagen, 1885

ADELIDAE

338 [148]. *Nemophora degeerella* (Linnaeus, 1758)

349 [146]. *Nemophora cupriacella* (Hübner, [1819])

356 [145]. *Nemophora minimella* ([Denis and Schiffermüller], 1775)

365 [150]. *Adela reaumurella* (Linnaeus, 1758)

366 [149]. *Adela cuprella* ([Denis and Schiffermüller], 1775)

371 [151]. *Adela croesella* (Scopoli, 1763)

382 [152]. *Cauchas rufimitrella* (Scopoli, 1763)

Synonym *Adela rufimitrella* (Scopoli, 1763)

387 [141]. *Nematopogon schwarziellus* Zeller, 1839

388 [143a]. *Nematopogon magna* (Zeller, 1878)

390 [143]. *Nematopogon metaxella* (Hübner, [1813])

391 [140]. *Nematopogon swammerdamella* (Linnaeus, 1758)

Nematopogon pilella misidentification

INCURVARIIDAE

423 [129]. *Incurvaria pectinea* Haworth, 1828

424 [130]. *Incurvaria masculella* ([Denis and Schiffermüller], 1775)

429 [131]. *Incurvaria oehlmanniella* (Hübner, 1796)

430 [132]. *Incurvaria praelatella* ([Denis and Schiffermüller], 1775)

433 [128]. *Phylloporia bistrigella* (Haworth, 1828)

PRODOXIDAE

398 [135]. *Lampronia luzella* (Hübner, [1817])

399 [136]. *Lampronia corticella* (Linnaeus, 1758)

RASPBERRY MOTH

409 [139]. *Lampronia pubicornis* (Haworth, 1828)

TISCHERIIDAE

440 [123]. *Tischeria ekebladella* (Bjerkander, 1795)

441 [124]. *Tischeria dodonaea* Stainton, 1858

444 [125]. *Coptotriche marginea* (Haworth, 1828)

Synonym *Emmetia marginea* (Haworth, 1828)

TINEIDAE

476 [212]. *Haplotinea insectella* (Fabricius, 1794)

565 [204]. *Infurcitinea albicomella* (Stainton, 1851)

572 [203]. *Infurcitinea argentimaculella* (Stainton, 1849)

600 [198]. *Dryadaula pactolia* Meyrick, 1902

613 [225]. *Triaxomera fulvimitrella* (Sodoffsky, 1830)

623 [215]. *Nemapogon granella* (Linnaeus, 1758)

CORN MOTH

624 [216]. *Nemapogon cloacella* (Haworth, 1828)

CORK MOTH

630 [219]. *Nemapogon ruricolella* (Stainton, 1849)

641 [220]. *Nemapogon clematella* (Fabricius, 1781)

661 [234]. *Trichophaga tapetzella* (Linnaeus, 1758)

TAPESTRY MOTH

669 [236]. *Tineola bisselliella* (Hummel, 1823)

COMMON CLOTHES MOTH

671 [240]. *Tinea pellionella* Linnaeus, 1758

CASE-BEARING CLOTHES MOTH

675 [243]. *Tinea dubiella* Stainton, 1859

676 [244]. *Tinea flavescentella* Haworth, 1828

680 [245]. *Tinea pallescentella* Stainton, 1851

LARGE PALE CLOTHES MOTH

686 [246]. *Tinea semifulvella* Haworth, 1828

687 [247]. *Tinea trinitella* Thunberg, 1794

689 [237]. *Niditinea fuscella* (Linnaeus, 1758)

BROWN-DOTTED CLOTHES MOTH

700 [227]. *Monopis laevigella* ([Denis and Schiffermüller], 1775)

SKIN MOTH

701 [228]. *Monopis weaverella* (Scott, 1858)

705 [230]. *Monopis crocicapitella* (Clemens, 1859)

707 [231]. *Monopis imella* (Hübner, [1813])

721 [277]. *Oinophila v-flava* (Haworth, 1828)

YELLOW V MOTH

728 [199]. *Psychoides verhuella* Bruand, 1853

729 [200]. *Psychoides filicivora* (Meyrick, 1937)

PSYCHIDAE

747 [180]. *Diplodoma laichartingella* Goeze, 1783

Synonym *Diplodoma herminata* (Geoffroy, 1785)

864 [185]. *Luffia ferchaultella* (Stephens, 1850)

877 [186]. *Psyche casta* (Pallas, 1767)

878 [187]. *Psyche crassiorella* Bruand, 1851

926 [189]. *Epichnopterix plumella* ([Denis and Schiffermüller], 1775)

BUCCULATRICIDAE

1052 [271]. *Bucculatrix albedinella* (Zeller, 1839)

1060 [275]. *Bucculatrix bechsteinella* (Bechstein and Scharfenberg, 1805)

1065 [272]. *Bucculatrix cidarella* (Zeller, 1839)

1066 [265]. *Bucculatrix cristatella* (Zeller, 1839)

1067 [276]. *Bucculatrix demaryella* (Duponchel, 1840)

1070 [270]. *Bucculatrix frangutella* (Goeze, 1783)

1081 [267]. *Bucculatrix maritima* Stainton, 1851

1083 [266]. *Bucculatrix nigricomella* (Zeller, 1839)

1094 [274]. *Bucculatrix ulmella* Zeller, 1848

GRACILLARIIDAE

1110 [286]. *Caloptilia alchimiella* (Scopoli, 1763)

*1111 [285]. *Caloptilia azaleella* (Brants, 1913)

AZALEA LEAF MINER

1112 [283]. *Caloptilia betulicola* (M. Hering, 1928)

1115 [280]. *Caloptilia cuculipennella* (Hübner, 1796)

1116 [282]. *Caloptilia elongella* (Linnaeus, 1761)

1117 [289]. *Caloptilia falconipennella* (Hübner, [1813])

1125 [281]. *Caloptilia populetorum* (Zeller, 1839)

1127 [287]. *Caloptilia robustella* Jäckh, 1972

*1129 [284]. *Caloptilia rufipennella* (Hübner, 1796)

1131 [288]. *Caloptilia stigmatella* (Fabricius, 1781)

1135 [293]. *Gracillaria syringella* (Fabricius, 1794)

Synonym *Caloptilia syringella* (Fabricius, 1794)

1143 [294]. *Aspilapteryx tringipennella* (Zeller, 1839)

1145 [297]. *Euspilapteryx auroguttella* Stephens, 1835

Synonym *Calybites auroguttella* (Stephens, 1835)

1147 [296]. *Calybites phasianipennella* (Hübner, [1813])

1150 [292]. *Povolnya leucapennella* (Stephens, 1835)

Synonym *Caloptilia leucapennella* (Stephens, 1835)

1154 [313]. *Acrocercops brongniardella* (Fabricius, 1798)

1172 [310]. *Callisto denticulella* (Thunberg, 1794)

1178 [303]. *Parornix anglicella* (Stainton, 1850)

1181 [301]. *Parornix betulae* (Stainton, 1854)

1184 [304]. *Parornix devoniella* (Stainton, 1850)

1187 [308]. *Parornix finitimella* (Zeller, 1850)

1190 [300]. *Parornix loganella* (Stainton, 1848)

1197 [305]. *Parornix scoticella* (Stainton, 1850)

1200 [309]. *Parornix torquillella* (Zeller, 1850)

Synonym *Deltaornix torquillella* (Zeller, 1850)

1220 [326]. *Phyllonorycter blancardella* (Fabricius, 1781)

1234 [342]. *Phyllonorycter coryli* (Nicelli, 1851)

NUT LEAF BLISTER MOTH

1235 [332]. *Phyllonorycter corylifoliella* (Hübner, 1796)

1242 [354]. *Phyllonorycter emberizaepenella* (Bouché, 1834)

1247 [358]. *Phyllonorycter froelichiella* (Zeller, 1839)

1248 [364]. *Phyllonorycter geniculella* (Ragonot, 1874)

1253 [315]. *Phyllonorycter harrisella* (Linnaeus, 1761)

1254 [317]. *Phyllonorycter heegeriella* (Zeller, 1846)

1257 [337]. *Phyllonorycter hilarella* (Zetterstedt, 1839)

1257a [327]. *Phyllonorycter hostis* Triberti, 2007

Phyllonorycter cydoniella ([Denis and Schiffermüller], 1775) misidentification

1259 [350]. *Phyllonorycter insignitella* (Zeller, 1846)

1265 [360]. *Phyllonorycter klemannella* (Fabricius, 1781)

1268 [351]. *Phyllonorycter lautella* (Zeller, 1846)

1269 [332a]. *Phyllonorycter leucographella* (Zeller, 1850)

FIRETHORN LEAF MINER

1270 [341]. *Phyllonorycter maestingella* (Müller, 1764)

1273 [325]. *Phyllonorycter mespilella* (Hübner, [1805])

1274 [321]. *Phyllonorycter messaniella* (Zeller, 1846)

- 1279 [359]. *Phyllonorycter nicellii* (Stainton, 1851)
1280 [349]. *Phyllonorycter nigrescentella* (Logan, 1851)
1282 [323]. *Phyllonorycter oxyacanthae* (Frey, 1856)
1292 [320]. *Phyllonorycter quercifoliella* (Zeller, 1839)
1293 [348]. *Phyllonorycter quinqueguttella* (Stainton, 1851)
1294 [345]. *Phyllonorycter rajella* (Linnaeus, 1758)
1297 [316]. *Phyllonorycter roboris* (Zeller, 1839)
1300 [335]. *Phyllonorycter salicicolella* (Sircom, 1848)
1301 [333]. *Phyllonorycter salictella* (Zeller, 1846)
 Synonym *Phyllonorycter viminiella* (Sircom, 1848)
1307 [340]. *Phyllonorycter scopariella* (Zeller, 1846)
1308 [324]. *Phyllonorycter sorbi* (Frey, 1855)
1310 [329]. *Phyllonorycter spinicolella* (Zeller, 1846)
1319 [361]. *Phyllonorycter trifasciella* (Haworth, 1828)
[1322 [356]. *Phyllonorycter tristrigella* (Haworth, 1828)]
1326 [353]. *Phyllonorycter ulmifoliella* (Hübner, [1817])
1327 [334]. *Phyllonorycter viminetorum* (Stainton, 1854)
1337 [368]. *Phyllocnistis unipunctella* (Stephens, 1834)

YPONOMEUTIDAE

- 1347 [424]. *Yponomeuta evonymella* (Linnaeus, 1758)
 BIRD-CHERRY ERMINE
1348 [425]. *Yponomeuta padella* (Linnaeus, 1758)
 ORCHARD ERMINE
1349 [426]. *Yponomeuta malinellus* Zeller, 1838
 APPLE ERMINE
1350 [427]. *Yponomeuta cagnagella* (Hübner, [1813])
 SPINDLE ERMINE
1354 [430]. *Yponomeuta plumbella* ([Denis and Schiffermüller], 1775)

- 1359 [435]. *Zelleria hepariella* Stainton, 1849
1391 [434]. *Kessleria saxifragae* (Stainton, 1868)
1398 [436]. *Pseudoswammerdamia combinella* (Hübner, 1786)
1400 [437]. *Swammerdamia caesiella* (Hübner, 1796)
1402 [438]. *Swammerdamia pyrella* (Villers, 1789)
*1403 [439]. *Swammerdamia compunctella* Herrich-Schäffer, 1855
1404 [440]. *Paraswammerdamia albicapitella* (Scharfenberg, 1805)
1408 [441]. *Paraswammerdamia nebulella* (Goeze, 1783)
 Synonym *Paraswammerdamia lutarea* (Haworth, 1828)
1412 [443]. *Cedestis subfasciella* (Stephens, 1834)
1416 [444]. *Ocnerostoma piniariella* Zeller, 1847
1417 [445]. *Ocnerostoma friesei* Svensson, 1966

PRAYDIDAE

- 1424 [449]. *Prays fraxinella* (Bjerkander, 1784)

ASH BUD MOTH

ARGYRESTHIIDAE

- 1433 [401]. *Argyresthia laevigatella* Herrich-Schäffer, 1855
1441 [405]. *Argyresthia arceuthina* Zeller, 1839
*1442 [409a]. *Argyresthia trifasciata* Staudinger, 1871
*1447a [409b]. *Argyresthia cupressella* Walsingham, 1890
1447 [407]. *Argyresthia dilectella* Zeller, 1847
1453 [410]. *Argyresthia brockeella* (Hübner, [1813])
1454 [411]. *Argyresthia goedartella* (Linnaeus, 1758)
1455 [412]. *Argyresthia pygmaeella* ([Denis and Schiffermüller], 1775)
1456 [413]. *Argyresthia sorbiella* (Treitschke, 1833)
1458 [414]. *Argyresthia curvella* (Linnaeus, 1761)
1459 [415]. *Argyresthia retinella* Zeller, 1839

1461 [416]. *Argyresthia glaucinella* Zeller, 1839

1462 [417]. *Argyresthia spinosella* Stainton, 1849

1463 [418]. *Argyresthia conjugella* Zeller, 1839

APPLE FRUIT MOTH

1465 [419]. *Argyresthia semifusca* (Haworth, 1828)

1466 [420]. *Argyresthia pruniella* (Clerck, 1759)

CHERRY FRUIT MOTH

1467 [421]. *Argyresthia bonnetella* (Linnaeus, 1758)

1468 [422]. *Argyresthia albistria* (Haworth, 1828)

1469 [423]. *Argyresthia semitestacella* (Curtis, 1833)

YPSOLOPHIDAE

1480 [451]. *Ypsolopha mucronella* (Scopoli, 1763)

1481 [452]. *Ypsolopha nemorella* (Linnaeus, 1758)

1482 [453]. *Ypsolopha dentella* (Fabricius, 1775)

HONEYSUCKLE MOTH

1486 [455]. *Ypsolopha scabrella* (Linnaeus, 1761)

1493 [460]. *Ypsolopha parenthesesella* (Linnaeus, 1761)

1494 [461]. *Ypsolopha ustella* (Clerck, 1759)

1496 [463]. *Ypsolopha vittella* (Linnaeus, 1758)

1520 [251]. *Ochsenheimeria taurella* ([Denis and Schiffermüller], 1775)

1521 [252]. *Ochsenheimeria urella* Fischer von Röslerstamm, 1842

PLUTELLIDAE

1525 [464]. *Plutella xylostella* (Linnaeus, 1758)

DIAMOND-BACK MOTH

1528 [465]. *Plutella porrectella* (Linnaeus, 1758)

1533 [466]. *Rhigognostis senilella* (Zetterstedt, 1839)

1535 [467]. *Rhigognostis annulatella* (Curtis, 1832)

1537 [468]. *Rhigognostis incarnatella* (Steudel, 1873)

GLYPHIPTERIGIDAE

- 1556 [472]. *Digitivalva pulicariae* (Klimesch, 1956)
*1572 [476]. *Acrolepia autumnitella* Curtis, 1838
1576 [470]. *Orthotelia sparganella* (Thunberg, 1788)
1580 [397]. *Glyphipterix thrasonella* (Scopoli, 1763)
1591 [395]. *Glyphipterix haworthana* (Stephens, 1834)
1592 [394]. *Glyphipterix forsterella* (Fabricius, 1781)
1594 [391]. *Glyphipterix simpliciella* (Stephens, 1834)

COCKSFOOT MOTH

- 1595 [392]. *Glyphipterix schoenicolella* Boyd, 1858

BEDELLIIDAE

- 1602 [264]. *Bedellia somnulentella* (Zeller, 1847)

LYONETIIDAE

- 1606 [259]. *Leucoptera lotella* (Stainton, 1859)
1610 [254]. *Leucoptera laburnella* (Stainton, 1851)
1611 [256]. *Leucoptera spartifoliella* (Hübner, [1813])
1616 [258]. *Leucoptera lathyrioliella* (Stainton, 1866)
1618 [260]. *Leucoptera malifoliella* (O. Costa, 1836)

PEAR LEAF BLISTER MOTH

- 1627 [263]. *Lyonetia clerkella* (Linnaeus, 1758)

APPLE LEAF MINER

ELACHISTIDAE

- *1668 [666]. *Semioscopis avellanella* (Hübner, 1793)
*1670 [667]. *Semioscopis steinkellneriana* ([Denis and Schiffermüller], 1775)
1678 [687]. *Exaeretia allisella* Stainton, 1849
1691 [701]. *Agonopterix ocellana* (Fabricius, 1775)
1707 [702]. *Agonopterix assimilella* (Treitschke, 1832)

- 1712 [694]. *Agonopterix nanatella* (Stainton, 1849)
1718 [689]. *Agonopterix ciliella* (Stainton, 1849)
1719 [697]. *Agonopterix arenella* ([Denis and Schiffermüller], 1775)
1721 [696]. *Agonopterix propinquella* (Treitschke, 1835)
1722 [692]. *Agonopterix subpropinquella* (Stainton, 1849)
1729 [714]. *Agonopterix yeatiana* (Fabricius, 1781)
1730 [695]. *Agonopterix alstromeriana* (Clerck, 1759)
1732 [691]. *Agonopterix purpurea* (Haworth, 1811)
1735 [710]. *Agonopterix conterminella* (Zeller, 1839)
1736 [688]. *Agonopterix heracliana* (Linnaeus, 1758)
1737 [715]. *Agonopterix capreolella* (Zeller, 1839)
1739 [716]. *Agonopterix rotundella* (Douglas, 1846)
1740 [713]. *Agonopterix angelicella* (Hübner, [1813])
1741 [712]. *Agonopterix astrantiae* (Heinemann, 1870)
1756 [700]. *Agonopterix pallorella* (Zeller, 1839)
1757 [698]. *Agonopterix kaekeritziana* (Linnaeus, 1767)
1758 [709]. *Agonopterix liturosa* (Haworth, 1811)
1763 [706]. *Agonopterix nervosa* (Haworth, 1811)
1764 [705]. *Agonopterix umbellana* (Fabricius, 1794)
1776 [672]. *Depressaria radiella* (Goeze, 1783)
heraclei Retzius, 1783 misidentification
Synonym *Depressarisa pastinacella* (Duponchel, 1838)

PARSNIP MOTH

- 1783 [671]. *Depressaria ultimella* Stainton, 1849
1788 [674]. *Depressaria badiella* (Hübner, 1796)
1793 [670]. *Depressaria daucella* ([Denis and Schiffermüller], 1775)
1798 [676]. *Depressaria pulcherrimella* Stainton, 1849
1799 [677]. *Depressaria douglasella* Stainton, 1849

Note: some species in the genus *Elachista* were placed in the genera *Biselachista* or *Cosmiotes* in Bond *et al.* (2006).

- 1828 [632]. *Elachista consortella* Stainton, 1851
1830 [631]. *Elachista freyerella* (Hübner, [1825])
1839 [590]. *Perittia obscurepunctella* (Stainton, 1848)
1852 [622]. *Elachista adscitella* Stainton, 1851
1855 [630]. *Elachista albidella* Nylander, 1848
1856 [601]. *Elachista albifrontella* (Hübner, [1817])
1857 [599]. *Elachista alpinella* Stainton, 1854
1862 [602]. *Elachista apicipunctella* Stainton, 1849
1863 [610]. *Elachista argentella* (Clerck, 1759)
1865 [597]. *Elachista atricomella* Stainton, 1849
*1874 [595]. *Elachista biatomella* (Stainton, 1848)
1877 [623]. *Elachista bisulcella* (Duponchel, 1843)
1882 [615]. *Elachista cahorsensis* Traugott-Olsen, 1992
1883 [607]. *Elachista canapennella* (Hübner, [1813])
1889 [625]. *Elachista cinereopunctella* (Haworth, 1828)
1910 [628]. *Elachista eleochariella* Stainton, 1851
1921 [620]. *Elachista gangabella* Zeller, 1850
1925 [594]. *Elachista gleichenella* (Fabricius, 1781)
1937 [606]. *Elachista humilis* Zeller, 1850
1951 [598]. *Elachista kilmunella* Stainton, 1849
1965 [600]. *Elachista luticomella* Zeller, 1839
1973 [617]. *Elachista obliquella* Stainton, 1854
Elachista megerlella (Hübner, [1810]) misidentification
1974 [609]. *Elachista maculicerusella* (Bruand, 1859)
Synonym *Elachista monosemiella* Rössler, 1881
1995 [596]. *Elachista poae* Stainton, 1855

- 2005 [593]. *Elachista regificella* Sircom, 1849
2009 [608]. *Elachista rufocinerea* (Haworth, 1828)
2011 [627]. *Elachista scirpi* Stainton, 1887
2012 [626]. *Elachista serricornis* Stainton, 1854
2020 [621]. *Elachista subalbidella* Schläger, 1847
2021 [603]. *Elachista subnigrella* Douglas, 1853
2030 [624]. *Elachista trapeziella* Stainton, 1849
2022 [613]. *Elachista subocellea* (Stephens, 1834)
2031 [611]. *Elachista triatomea* (Haworth, 1828)
2035 [629]. *Elachista utonella* Frey, 1856
*2048 [903]. *Chrysoclista linneella* (Clerck, 1759)
*2049 [902]. *Chrysoclista lathamella* T. Fletcher, 1936
2056 [906]. *Blastodacna atra* (Haworth, 1828)

APPLE PITH MOTH

- 2057 [905]. *Blastodacna hellerella* (Duponchel, 1838)
2060 [904]. *Spuleria flavicaput* (Haworth, 1828)
3078 [657]. *Hypercallia citrinalis* (Scopoli, 1763)

SCYTHRIDIDAE

- 2088 [911]. *Scythris grandipennis* (Haworth, 1828)
2105 [915]. *Scythris picaepennis* (Haworth, 1828)

CHIMABACHIDAE

- 2231 [663]. *Diurnea fagella* ([Denis and Schiffermüller], 1775)
2232 [664]. *Diurnea lipsiella* ([Denis and Schiffermüller], 1775)
2234 [665]. *Dasystema salicella* (Hübner, 1796)

OECOPHORIDAE

- 2262 [636]. *Denisia similella* (Hübner, 1796)
2282 [648]. *Endrosis sarcitrella* (Linnaeus, 1758)

WHITE-SHOULDERED HOUSE-MOTH

2284 [647]. *Hofmannophila pseudospretella* (Stainton, 1849)

BROWN HOUSE-MOTH

2287 [644]. *Borkhausenia fuscescens* (Haworth, 1828)

2286 [645]. *Borkhausenia minutella* (Linnaeus, 1758)

2301 [641]. *Batia lambdella* (Donovan, 1793)

2312 [649]. *Esperia sulphurella* (Fabricius, 1775)

2321 [652]. *Alabonia geoffrella* (Linnaeus, 1767)

2348 [654]. *Pleurota bicostella* (Clerck, 1759)

PELEOPODIDAE

2328 [658]. *Carcina quercana* (Fabricius, 1775)

BATRACHEDRIDAE

2428 [878]. *Batrachedra praeangusta* (Haworth, 1828)

COLEOPHORIDAE

2453 [490]. *Coleophora lutipennella* (Zeller, 1838)

2456 [491]. *Coleophora gryhipennella* (Hübner, 1796)

2457 [492]. *Coleophora flavipennella* (Duponchel, 1843)

2460 [496]. *Coleophora milvipennis* Zeller, 1839

2464 [501]. *Coleophora siccifolia* Stainton, 1856

2468 [493]. *Coleophora serratella* (Linnaeus, 1761)

2469 [495]. *Coleophora spinella* (Schrank, 1802)

APPLE AND PLUM CASE-BEARER

2476 [503]. *Coleophora fuscocuprella* Herrich-Schäffer, 1885

2479 [504]. *Coleophora lusciniaepennella* (Treitschke, 1833)

2488 [513]. *Coleophora potentillae* Elisha, 1885

2492 [510]. *Coleophora juncicolella* Stainton, 1851

2493 [511]. *Coleophora orbitella* Zeller, 1849

2494 [512]. *Coleophora binderella* (Kollar, 1832)

2498 [516]. *Coleophora trifolii* (Curtis, 1832)

2499 [517a]. *Coleophora frischella* (Linnaeus, 1758)

CLOVER CASE-BEARER

2546 [524]. *Coleophora lithargyrinella* Zeller, 1849

2572 [547]. *Coleophora discordella* Zeller, 1849

2585 [519]. *Coleophora deauratella* Lienig and Zeller, 1846

2587 [518]. *Coleophora mayrella* (Hübner, [1813])

2592 [533]. *Coleophora anatipennella* (Hübner, 1796)

Synonym *Coleophora bernoulliella* (Goeze, 1783)

PISTOL CASE-BEARER

2593 [532]. *Coleophora albidella* ([Denis and Schiffermüller], 1775)

2595 [535]. *Coleophora ibipennella* Zeller, 1849

2596 [536]. *Coleophora betulella* Heinemann, 1877

2601 [541]. *Coleophora pyrrhulipennella* Zeller, 1839

2654 [530]. *Coleophora lixella* Zeller, 1849

2662 [544]. *Coleophora albicosta* (Haworth, 1828)

2683 [526]. *Coleophora laricella* (Hübner, [1817])

LARCH CASE-BEARER

2686 [586]. *Coleophora adjunctella* Hodgkinson, 1882

2687 [587]. *Coleophora caespititiella* Zeller, 1839

2688 [583]. *Coleophora tamesis* Waters, 1929

2689 [582]. *Coleophora glaucicolella* Wood, 1892

2690 [578]. *Coleophora otidipennella* (Hübner, [1817])

2692 [584]. *Coleophora alticolella* Zeller, 1849

2693 [581]. *Coleophora taeniipennella* Herrich-Schäffer, 1855

2696 [580]. *Coleophora sylvaticella* Wood, 1892

2697 [552]. *Coleophora lassella* Staudinger, 1859

2701 [585]. *Coleophora maritimella* Newman, 1873

2707a [564]. *Coleophora virgaureae* Stainton, 1857

Coleophora obscenella Herrich-Schäffer, 1855 misidentification

- 2712 [561]. *Coleophora therinella* Tengström, 1848
[2716 [562]. *Coleophora asteris* Mühlig, 1864]
2717 [565]. *Coleophora saxicolella* (Duponchel, [1843])
[2721 [566]. *Coleophora sternipennella* (Zetterstedt, 1839)]
2729 [568]. *Coleophora versurella* Zeller, 1849
2737 [573]. *Coleophora atriplicis* Meyrick, [1928]
2738 [570]. *Coleophora pappiferella* Hofmann, 1869
2786 [559]. *Coleophora peribenanderi* Toll, 1943
2792 [558]. *Coleophora ramosella* Zeller, 1849
2793 [556]. *Coleophora trochilella* (Duponchel, [1843])
2809 [553]. *Coleophora striatipennella* Nylander, 1848
2829 [555]. *Coleophora follicularis* (Vallot, 1802)
2837 [567]. *Coleophora adpersella* Benander, 1939
2850 [560]. *Coleophora paripennella* Zeller, 1839
2858 [588]. *Coleophora salicorniae* Heinemann and Wocke, 1876

MOMPHIDAE

- 2876 [880]. *Mompha langiella* (Hübner, 1796)
2878 [881]. *Mompha terminella* (Humphreys and Westwood, 1845)
2879 [882]. *Mompha locupletella* ([Denis and Schiffermüller], 1775)
2880 [883]. *Mompha raschkiella* (Zeller, 1839)
*2883 [885]. *Mompha conturbatella* (Hübner, [1819])
2884 [886]. *Mompha ochraceella* (Curtis, 1839)
*2885 [887]. *Mompha lacteella* (Stephens, 1834)
2886 [888]. *Mompha propinquella* (Stainton, 1851)
2891 [892]. *Mompha subbistrigella* (Haworth, 1828)
2892 [893]. *Mompha epilobiella* ([Denis and Schiffermüller], 1775)

BLASTOBASIDAE

*2904a [874]. *Blastobasis lacticolella* Rebel, 1940

Blastobasis decolorella (Wollaston, 1858) misidentification

2905 [873]. *Blastobasis adustella* Walsingham, 1894

Blastobasis lignea Walsingham, 1894 misidentification

AUTOSTICHIDAE

[2939 [871]. *Oegoconia deauratella* (Herrich-Schäffer, 1854)]

2941 [870]. *Oegoconia quadripuncta* (Haworth, 1828)

LYPUSIDAE

3055 [660]. *Pseudatemelia josephinae* (Toll, 1956)

COSMOPTERIGIDAE

*3095 [908]. *Sorhagenia rhamniella* (Zeller, 1839)

3098 [909]. *Sorhagenia lophyrella* (Douglas, 1846)

3104 [899]. *Pancalia leuwenhoekella* (Linnaeus, 1761)

3105 [900]. *Pancalia schwarzella* (Fabricius, 1798)

3154 [898]. *Limnaecia phragmitella* Stainton, 1851

3165 [896]. *Cosmopterix orichalcea* Stainton, 1861

3170 [897]. *Cosmopterix lienigiella* Zeller, 1846

GELECHIIDAE

3230 [752]. *Aristotelia ericinella* (Zeller, 1839)

[3231 [751]. *Aristotelia subdecurtella* (Stainton, 1859)]

[3242 [746]. *Chrysoesthia drurella* (Fabricius, 1775)]

3244 [747]. *Chrysoesthia sexguttella* (Thunberg, 1794)

3272 [725]. *Metzneria aestivella* (Zeller, 1839)

3280 [726]. *Metzneria metzneriella* (Stainton, 1851)

3295 [748]. *Ptocheuusa paupella* (Zeller, 1847)

3312 [728]. *Monochroa cytisella* (Curtis, 1837)

3315 [735]. *Monochroa tenebrella* (Hübner, [1817])

- 3323 [742]. *Monochroa lutulentella* (Zeller, 1839)
3324 [736]. *Monochroa lucidella* (Stephens, 1834)
*3327 [737]. *Monochroa palustrellus* (Douglas, 1850)
3331 [741]. *Monochroa suffusella* (Douglas, 1850)
3339 [733]. *Eulamprotes wilkella* (Linnaeus, 1758)
3344 [732]. *Eulamprotes unicolorella* (Duponchel, [1843])
3345 [731]. *Eulamprotes atrella* ([Denis and Schiffermüller], 1775)
3347 [731a]. *Eulamprotes immaculatella* (Douglas, 1850)
3372 [788]. *Bryotropha politella* (Stainton, 1851)
3373 [787]. *Bryotropha terrella* ([Denis and Schiffermüller], 1775)
3374 [786]. *Bryotropha desertella* (Douglas, 1850)
3383 [789]. *Bryotropha domestica* (Haworth, 1828)
3384 [782]. *Bryotropha senectella* (Zeller, 1839)
3386 [780]. *Bryotropha similis* (Stainton, 1854)
3387 [778]. *Bryotropha umbrosella* (Zeller, 1839)
 Synonym *Bryotropha mundella* (Douglas, 1850)
3389 [779]. *Bryotropha affinis* (Haworth, 1828)
*3400 [758]. *Recurvaria leucatella* (Clerck, 1759)
3404 [760]. *Exoteleia dodecella* (Linnaeus, 1758)
3407 [755]. *Stenolechia gemmella* (Linnaeus, 1758)
3415 [765]. *Teleiodes vulgella* ([Denis and Schiffermüller], 1775)
*3419 [774]. *Teleiodes luculella* (Hübner, [1813])
3431 [769]. *Teleiodes waggae* (Nowicki, 1860)
3424 [767]. *Carpatolechia decorella* (Haworth, 1812)
3427 [772]. *Carpatolechia fugitivella* (Zeller, 1839)
3429 [768]. *Carpatolechia notatella* (Hübner, [1813])
3430 [770]. *Carpatolechia proximella* (Hübner, 1796)
3432 [773]. *Pseudotelphusa paripunctella* (Thunberg, 1794)

- 3448 [776]. *Teleiopsis diffinis* (Haworth, 1828)
3458 [763]. *Xenolechia aethiops* (Humphreys and Westwood, 1845)
3469 [800]. *Gelechia rhombella* ([Denis and Schiffermüller], 1775)
3474 [802a]. *Gelechia sororculella* (Hübner, [1817])
3507 [792]. *Mirificarma mulinella* (Zeller, 1839)
3520 [791]. *Chionodes distinctella* (Zeller, 1839)
3527 [790]. *Chionodes fumatella* (Douglas, 1850)
3549 [794]. *Prolita sexpunctella* (Fabricius, 1794)
3558 [761]. *Athrips tetrapunctella* (Thunberg, 1794)
3559 [762]. *Athrips mouffetella* (Linnaeus, 1758)
3580 [822]. *Scrobipalpa acuminatella* (Sircom, 1850)
3584 [820]. *Scrobipalpa artemisiella* (Treitschke, 1833)

THYME MOTH

- 3585 [818]. *Scrobipalpa atriplicella* (Fischer von Röslerstamm, [1841])
3592 [819]. *Scrobipalpa costella* (Humphreys and Westwood, 1845)
3609 [812]. *Scrobipalpa instabilella* (Douglas, 1846)
3615 [821]. *Scrobipalpa murinella* (Duponchel, [1843])
3616 [815]. *Scrobipalpa nitentella* (Fuchs, 1902)
3618 [816]. *Scrobipalpa obsoletella* (Fischer von Röslerstamm, [1841])
3619 [814]. *Scrobipalpa ocellatella* (Boyd, 1858)

BEET MOTH

- 3629 [811]. *Scrobipalpa samadensis* (Pfaffenzeller, 1870)
*3648 [825]. *Phthorimaea operculella* (Zeller, 1873)

POTATO TUBER MOTH

- 3681 [827]. *Caryocolum alsinella* (Zeller, 1868)
3682 [828]. *Caryocolum viscariella* (Stainton, 1855)
3684 [826]. *Caryocolum vicinella* (Douglas, 1851)
3702 [829]. *Caryocolum marmorea* (Haworth, 1828)

- 3708 [830]. *Caryocolum fraternella* (Douglas, 1851)
3712 [832]. *Caryocolum blandella* (Douglas, 1852)
3718 [834]. *Caryocolum tricolorella* (Haworth, 1812)
3779 [845]. *Syncopacma sangiella* (Stainton, 1863)
3780 [849]. *Syncopacma cinctella* (Clerck, 1759)
3785 [847]. *Syncopacma taeniolella* (Zeller, 1839)
*3795 [850]. *Syncopacma polychromella* (Rebel, 1902)
3798 [843]. *Aproaerema anthyllidella* (Hübner, [1813])
3804 [853]. *Anacamptis populella* (Clerck, 1759)
3808 [852]. *Anacamptis temerella* (Lienig and Zeller, 1846)
3823 [856]. *Anarsia spartiella* (Schrank, 1802)
3827 [858]. *Hypatima rhomboidella* (Linnaeus, 1758)
3833 [797]. *Neofaculta ericetella* (Geyer, [1832])
3849 [862]. *Dichomeris marginella* (Fabricius, 1781)

JUNIPER WEBBER

- 3870 [868]. *Helcystogramma rufescens* (Haworth, 1828)
3874 [855]. *Acompsia cinerella* (Clerck, 1759)

ZYGAENIDAE

- 3956 [163]. *Adscita statices* (Linnaeus, 1758)

FORESTER

- 3974 [172]. *Zygaena purpuralis* (Brünnich, 1763)

TRANSPARENT BURNET

- 3998 [169]. *Zygaena filipendulae* (Linnaeus, 1758)

ssp. *sabulosa* Tremewan, 1960

ssp. *stephensi* Dupont, 1900

SIX-SPOT BURNET

- 3999 [171]. *Zygaena lonicerae* (Scheven, 1777)

ssp. *insularis* Tremewan, 1960

NARROW-BORDERED FIVE-SPOT BURNET

SESIIDAE

4030 [370]. *Sesia apiformis* (Clerck, 1759)

HORNET MOTH

4032 [371]. *Sesia bembeciformis* (Hübner, 1806)

LUNAR HORNET MOTH

4044 [376]. *Synanthedon scoliaeformis* (Borkhausen, 1789)

WELSH CLEARWING

4051 [380]. *Synanthedon formicaeformis* (Esper, 1783)

RED-TIPPED CLEARWING

4064 [373]. *Synanthedon tipuliformis* (Clerck, 1759)

CURRANT CLEARWING

4098 [383]. *Pyropteron muscaeformis* (Esper, 1783)

Synonym *Synansphecica muscaeformis* (Esper, 1783)

THRIFT CLEARWING

COSSIDAE

4151 [162]. *Cossus cossus* (Linnaeus, 1758)

GOAT MOTH

4176 [161]. *Zeuzera pyrina* (Linnaeus, 1761)

LEOPARD MOTH

TORTRICIDAE

4187 [921]. *Phtheochroa inopiana* (Haworth, 1811)

4193 [923]. *Phtheochroa sodaliana* (Haworth, 1811)

4219 [924]. *Hysterophora maculosana* (Haworth, 1811)

4247 [936]. *Cochylimorpha straminea* (Haworth, 1811)

4255 [926]. *Phalonidia manniana* (Fischer von Röslerstamm, 1839)

4256 [932]. *Phalonidia affinitana* (Douglas, 1846)

4263 [929]. *Gynnidomorpha vectisana* (Humphreys and Westwood, 1845)

- 4264 [927]. *Gynnidomorpha minimana* (Caradja, 1916)
4265 [928]. *Gynnidomorpha permixtana* ([Denis and Schiffermüller], 1775)
4266 [930]. *Gynnidomorpha alismana* (Ragonot, 1883)
4268 [937]. *Agapeta hamana* (Linnaeus, 1758)
4271 [938]. *Agapeta zoegana* (Linnaeus, 1767)
4287 [954]. *Eupoecilia angustana* (Hübner, [1799])
4295 [942]. *Aethes piercei* Obraztsov, 1952
4321 [950]. *Aethes francillana* (Fabricius, 1794)
4326 [945]. *Aethes cnicana* (Westwood, 1854)
4327 [946]. *Aethes rubigana* (Treitschke, 1830)
4334 [959]. *Cochylidia rupicola* (Curtis, 1834)
4347 [968]. *Cochylis nana* (Haworth, 1811)
4349 [963]. *Cochylis flaviciliana* (Westwood, 1854)
4353 [964]. *Cochylis dubitana* (Hübner, [1799])
4355 [966]. *Cochylis atricapitana* (Stephens, 1852)
4358 [967]. *Cochylis pallidana* Zeller, 1847
4365 [960]. *Falseuncaria ruficiliana* (Haworth, 1811)
4370 [1033]. *Tortrix viridana* Linnaeus, 1758

GREEN OAK TORTRIX

- 4372 [1032]. *Aleimma loeflingiana* (Linnaeus, 1758)
4374 [1037]. *Acleris holmiana* (Linnaeus, 1758)
4375 [1036]. *Acleris forsskaleana* (Linnaeus, 1758)
4376 [1035]. *Acleris bergmanniana* (Linnaeus, 1758)
4377 [1040]. *Acleris caledoniana* (Stephens, 1852)
4378 [1039]. *Acleris comariana* (Lienig and Zeller, 1846)

STRAWBERRY TORTRIX

- 4379 [1038]. *Acleris laterana* (Fabricius, 1794)
*4380 [1059]. *Acleris abietana* (Hübner, 1822)

4383 [1041]. *Acleris sparsana* ([Denis and Schiffermüller], 1775)

4384 [1042]. *Acleris rhombana* ([Denis and Schiffermüller], 1775)

RHOMBOID TORTRIX

4385 [1062]. *Acleris emargana* (Fabricius, 1775)

*4385a [1062a]. *Acleris effractana* (Hübner, [1799])

4386 [1047]. *Acleris schalleriana* (Linnaeus, 1761)

4389 [1054]. *Acleris cristana* ([Denis and Schiffermüller], 1775)

4390 [1048]. *Acleris variegana* ([Denis and Schiffermüller], 1775)

GARDEN ROSE TORTRIX

4391 [1043]. *Acleris aspersana* (Hübner, [1817])

4394 [1053]. *Acleris hastiana* (Linnaeus, 1758)

4396 [1049]. *Acleris permutana* (Duponchel, 1836)

4397 [1055]. *Acleris hyemana* (Haworth, 1811)

4402 [1044]. *Acleris ferrugana* ([Denis and Schiffermüller], 1775)

4403 [1045]. *Acleris notana* (Donovan, 1806)

4409 [1061]. *Acleris literana* (Linnaeus, 1758)

4412 [1057]. *Acleris rufana* ([Denis and Schiffermüller], 1775)

4439 [1025]. *Tortricodes alternella* ([Denis and Schiffermüller], 1775)

4443 [1029]. *Eana osseana* (Scopoli, 1763)

4462 [1031]. *Eana penziana* (Thunberg, 1791)

ssp. *bellana* (Curtis, 1826)

ssp. *colquhounana* (Barrett, 1884)

4471 [1024]. *Cnephasia incertana* (Treitschke, 1835)

LIGHT GREY TORTRIX

4474 [1020]. *Cnephasia stephensiana* (Doubleday, 1849)

GREY TORTRIX

4477 [1021]. *Cnephasia asseclana* ([Denis and Schiffermüller], 1775)

FLAX TORTRIX

*4482 [1018]. *Cnephasia communana* (Herrich-Schäffer, 1851)

4491 [1019]. *Cnephasia conspersana* Douglas, 1846

[4493 [1016]. *Cnephasia longana* (Haworth, 1811)]

4520 [1015]. *Eulia ministrana* (Linnaeus, 1758)

4522 [1011]. *Pseudargyrotoza conwagana* (Fabricius, 1775)

4525 [1010]. *Ditula angustiorana* (Haworth, 1811)

RED-BARRED TORTRIX

4531 [1006]. *Epagoge grotiana* (Fabricius, 1781)

4541 [1008]. *Philedone gerningana* ([Denis and Schiffermüller], 1775)

4547 [1007]. *Capua vulgana* (Frölich, 1828)

4549 [1009]. *Philedonides lunana* (Thunberg, 1784)

4557 [977]. *Archips podana* (Scopoli, 1763)

LARGE FRUIT-TREE TORTRIX

4558 [979]. *Archips crataegana* (Hübner, [1799])

BROWN OAK TORTRIX

4559 [980]. *Archips xylosteana* (Linnaeus, 1758)

VARIEGATED GOLDEN TORTRIX

4560 [981]. *Archips rosana* (Linnaeus, 1758)

ROSE TORTRIX

4564 [983]. *Choristoneura hebenstreitella* (Müller, 1764)

4568 [974]. *Argyrotaenia ljugiana* (Thunberg, 1797)

4574 [1000]. *Ptycholoma lecheana* (Linnaeus, 1758)

4578 [969]. *Pandemis corylana* (Fabricius, 1794)

CHEQUERED FRUIT-TREE TORTRIX

4579 [970]. *Pandemis cerasana* (Hübner, 1786)

BARRED FRUIT-TREE TORTRIX

4580 [972]. *Pandemis heparana* ([Denis and Schiffermüller], 1775)

DARK FRUIT-TREE TORTRIX

4584 [986]. *Syndemis musculana* (Hübner, [1799])

4590 [1002]. *Lozotaenia forsterana* (Fabricius, 1781)

4592 [985]. *Cacoecimorpha pronubana* (Hübner, [1799])

CARNATION TORTRIX

4596 [989]. *Aphelia paleana* (Hübner, [1793])

TIMOTHY TORTRIX

4597 [990]. *Aphelia unitana* (Hübner, [1799])

4604 [988]. *Aphelia viburniana* ([Denis and Schiffermüller], 1775)

Aphelia viburnana ([Denis and Schiffermüller], 1775) misspelling

BILBERRY TORTRIX

4616 [991]. *Clepsis senecionana* (Hübner, [1819])

4618 [992]. *Clepsis rurinana* (Linnaeus, 1758)

4623 [993]. *Clepsis spectrana* (Treitschke, 1830)

CYCLAMEN TORTRIX

4629 [994]. *Clepsis consimilana* (Hübner, [1817])

4632 [998]. *Epiphyas postvittana* (Walker, 1863)

LIGHT BROWN APPLE MOTH

4642 [1013]. *Olindia schumacherana* (Fabricius, 1787)

4656 [1110]. *Bactra furfurana* (Haworth, 1811)

4655 [1111]. *Bactra lancealana* (Hübner, [1799])

4659 [1112]. *Bactra robustana* (Christoph, 1872)

*4660 [1112a]. *Bactra venosana* (Zeller, 1847)

4667 [1099]. *Endothenia marginana* (Haworth, 1811)

*4669 [1101]. *Endothenia ustulana* (Haworth, 1811)

4672 [1103]. *Endothenia ericetana* (Humphreys and Westwood, 1845)

Synonym *Endothenia trifoliana* (Herrich-Schäffer, 1851)

4673 [1104]. *Endothenia quadrimaculana* (Haworth, 1811)

4680 [1113]. *Eudemis profundana* ([Denis and Schiffermüller], 1775)

- 4692 [1089]. *Apotomis semifasciana* (Haworth, 1811)
- 4700 [1092]. *Apotomis turbidana* Hübner, [1825]
- 4701 [1093]. *Apotomis betuletana* (Haworth, 1811)
- 4703 [1094]. *Apotomis capreana* (Hübner, [1817])
- 4706 [1095]. *Apotomis sororculana* (Zetterstedt, 1839)
- 4711 [1087]. *Orthotaenia undulana* ([Denis and Schiffermüller], 1775)
- 4714 [1083]. *Hedya nubiferana* (Haworth, 1811)
- MARbled ORCHARD TORTRIX
- 4715 [1082]. *Hedya pruniana* (Hübner, [1799])
- PLUM TORTRIX
- 4717 [1084]. *Hedya ochroleucana* (Frölich, 1828)
- 4719 [1085]. *Metendothenia atropunctana* (Zetterstedt, 1839)
- [4721 [1065]. *Celypha rufana* (Scopoli, 1763)]
- 4722 [1063]. *Celypha striana* ([Denis and Schiffermüller], 1775)
- 4723 [1064]. *Celypha rosaceana* Schläger, 1847
- 4728 [1067]. *Celypha cespitana* (Hübner, [1817])
- 4731 [1076]. *Celypha lacunana* ([Denis and Schiffermüller], 1775)
- 4733 [1068]. *Celypha rivulana* (Scopoli, 1763)
- 4735 [1069]. *Celypha aurofasciana* (Haworth, 1811)
- 4744 [1073]. *Phiaris schulziana* (Fabricius, 1776)
- Synonym *Olethreutes schulziana* (Fabricius, 1776)
- 4749 [1075]. *Phiaris micana* ([Denis and Schiffermüller], 1775)
- Synonym *Olethreutes olivana* (Treitschke, 1830)
- 4750 [1074]. *Phiaris palustrana* (Lienig and Zeller, 1846)
- Synonym *Olethreutes palustrana* (Lienig and Zeller, 1846)
- 4765 [1071]. *Argyroploce arbutella* (Linnaeus, 1758)
- Synonym *Olethreutes arbutella* (Linnaeus, 1758)
- 4774 [1070]. *Stictea mygindiana* ([Denis and Schiffermüller], 1775)

Synonym *Olethreutes mygindiana* ([Denis and Schiffermüller], 1775)

- 4776 [1080]. *Olethreutes arcuella* (Clerck, 1759)
4778 [1079]. *Piniphila bifasciana* (Haworth, 1811)
*4793 [1108]. *Lobesia abscisana* (Doubleday, 1849)
4794 [1106]. *Lobesia reliquana* (Hübner, [1825])
4806 [1109]. *Lobesia littoralis* (Humphreys and Westwood, 1845)
4810 [1189]. *Eriopsela quadrana* (Hübner, [1813])
4826 [1162]. *Rhopobota myrtillana* (Humphreys and Westwood, 1845)
4827 [1161]. *Rhopobota stagnana* ([Denis and Schiffermüller], 1775)
4829 [1159]. *Rhopobota naevana* (Hübner, [1817])

HOLLY TORTRIX

- 4831 [1205]. *Spilonota ocellana* ([Denis and Schiffermüller], 1775)

BUD MOTH

- 4832 [1205a]. *Spilonota laricana* (Heinemann, 1863)
4838 [1153]. *Epinotia sordidana* (Hübner, [1824])
4839 [1154]. *Epinotia caprana* (Fabricius, 1798)
4840 [1151]. *Epinotia trigonella* (Linnaeus, 1758)
4842 [1155]. *Epinotia brunnichana* (Linnaeus, 1767)
4843 [1152]. *Epinotia maculana* (Fabricius, 1775)
4844 [1156]. *Epinotia solandriana* (Linnaeus, 1758)
4845 [1150]. *Epinotia abbreviana* (Fabricius, 1794)
4847 [1141]. *Epinotia nemorivaga* (Tengström, [1848])
4849 [1144]. *Epinotia signatana* (Douglas, 1845)
4850 [1147]. *Epinotia cruciana* (Linnaeus, 1761)

WILLOW TORTRIX

- 4852 [1148]. *Epinotia mercuriana* (Frölich, 1828)
4853 [1136]. *Epinotia immundana* (Fischer von Röslerstamm, 1839)
4857 [1149]. *Epinotia crenana* (Hübner, [1817])

- 4858 [1145]. *Epinotia nanana* (Treitschke, 1835)
4863 [1132]. *Epinotia subocellana* (Donovan, 1806)
4864 [1137]. *Epinotia tetraquetrana* (Haworth, 1811)
*4866 [1130]. *Epinotia pygmaeana* (Hübner, [1799])
4867 [1131]. *Epinotia subsequana* (Haworth, 1811)
4869 [1139]. *Epinotia tenerana* ([Denis and Schiffermüller], 1775)

NUT BUD MOTHS

- 4870 [1134]. *Epinotia ramella* (Linnaeus, 1758)
4872 [1146]. *Epinotia rubiginosana* (Herrich-Schäffer, 1851)
4875 [1142]. *Epinotia tedella* (Clerck, 1759)
4876 [1143]. *Epinotia fraternana* (Haworth, 1811)
4877 [1133]. *Epinotia bilunana* (Haworth, 1811)
4878 [1138]. *Epinotia nisella* (Clerck, 1759)
4882 [1166]. *Zeiraphera griseana* (Hübner, [1799])

LARCH TORTRIX

- 4884 [1163]. *Zeiraphera ratzeburgiana* (Saxesen, 1840)
4885 [1165]. *Zeiraphera isertana* (Fabricius, 1794)
4887 [1157]. *Crociosema plebejana* Zeller, 1847
4926 [1202]. *Eucosma obumbratana* (Lienig and Zeller, 1846)
4932 [1201]. *Eucosma cana* (Haworth, 1811)
4935 [1200]. *Eucosma hohenwartiana* ([Denis and Schiffermüller], 1775)
4943 [1197]. *Eucosma campoliliana* ([Denis and Schiffermüller], 1775)
[4945 [1194]. *Eucosma aemulana* (Schläger, 1849)]
*4948 [1193]. *Eucosma tripoliana* (Barrett, 1880)
4966 [1190]. *Eucosma aspidiscana* (Hübner, [1817])
4985 [1169]. *Gypsonoma dealbana* (Frölich, 1828)
4987 [1168]. *Gypsonoma sociana* (Haworth, 1811)
4989 [1167]. *Gypsonoma aceriana* (Duponchel, [1843])

4993 [1186]. *Epiblema sticticana* (Fabricius, 1794)

4994 [1184]. *Epiblema scutulana* ([Denis and Schiffermüller], 1775)

4995 [1184a]. *Epiblema cirsiiana* (Zeller, 1843)

4999 [1187]. *Epiblema costipunctana* (Haworth, 1811)

5002 [1182]. *Epiblema turbidana* (Treitschke, 1835)

5019 [1174]. *Notocelia cynosbatella* (Linnaeus, 1758)

Synonym *Epiblema cynosbatella* (Linnaeus, 1758)

5020 [1180]. *Notocelia tetragonana* (Stephens, 1834)

Synonym *Epiblema tetragonana* (Stephens, 1834)

5021 [1175]. *Notocelia uddmanniana* (Linnaeus, 1758)

Synonym *Epiblema uddmanniana* (Linnaeus, 1758)

BRAMBLE SHOOT MOTH

5022 [1178]. *Notocelia roborana* ([Denis and Schiffermüller], 1775)

Synonym *Epiblema roborana* ([Denis and Schiffermüller], 1775)

5024 [1179]. *Notocelia incarnatana* (Hübner, [1800])

Synonym *Epiblema incarnatana* (Hübner, [1800])

5025 [1177]. *Notocelia rosaecolana* (Doubleday, 1850)

Synonym *Epiblema rosaecolana* (Doubleday, 1850)

5026 [1176]. *Notocelia trimaculana* (Haworth, 1811)

Synonym *Epiblema trimaculana* (Haworth, 1811)

5028 [1208]. *Pseudococcyx posticana* (Zetterstedt, 1839)

5041 [1206]. *Clavigesta sylvestrana* (Curtis, 1850)

*5042 [1207]. *Clavigesta purdeyi* (Durrant, 1911)

PINE LEAF-MINING MOTH

5044 [1210]. *Rhyacionia buoliana* ([Denis and Schiffermüller], 1775)

PINE SHOOT MOTH

5048 [1212]. *Rhyacionia pinivorana* (Lienig and Zeller, 1846)

SPOTTED SHOOT MOTH

A [not allocated] [1215]. *Thaumatotibia leucotreta* (Meyrick, 1913)

FALSE CODLING MOTH

5055 [1216]. *Enarmonia formosana* (Scopoli, 1763)

CHERRY-BARK MOTH

5057 [1117]. *Ancylis unguicella* (Linnaeus, 1758)

5058 [1118]. *Ancylis uncella* ([Denis and Schiffermüller], 1775)

5061 [1122]. *Ancylis obtusana* (Haworth, 1811)

5062 [1116]. *Ancylis comptana* (Frölich, 1828)

5064 [1119]. *Ancylis geminana* (Donovan, 1806)

5065 [1119b]. *Ancylis subarcuana* (Douglas, 1847)

***5066 [1119a].** *Ancylis diminutana* (Haworth, 1811)

5069 [1128]. *Ancylis myrtillana* (Treitschke, 1830)

5073 [1126]. *Ancylis badiana* ([Denis and Schiffermüller], 1775)

5074 [1115]. *Ancylis achatana* ([Denis and Schiffermüller], 1775)

5076 [1120]. *Ancylis mitterbacheriana* ([Denis and Schiffermüller], 1775)

5084 [1241]. *Grapholita compositella* (Fabricius, 1775)

5091 [1242]. *Grapholita internana* (Guenée, 1845)

5098 [1251]. *Grapholita jungiella* (Clerck, 1759)

5100 [1252]. *Grapholita lunulana* ([Denis and Schiffermüller], 1775)

5102 [1247]. *Grapholita funebrana* Treitschke, 1835

PLUM FRUIT MOTH

5103 [1246]. *Grapholita tenebrosana* (Duponchel, [1843])

5104 [1245]. *Grapholita janthinana* (Duponchel, 1835)

5107 [1248]. *Grapholita molesta* (Busck, 1916)

ORIENTAL FRUIT MOTH

5111 [1257]. *Cydia nigricana* (Fabricius, 1794)

PEA MOTH

5119 [1255]. *Cydia ulicetana* (Haworth, 1811)

Synonym *Cydia succedana* ([Denis and Schiffermüller], 1775)

5128 [1220]. *Cydia microgrammana* (Guenée, 1845)

5136 [1268]. *Cydia coniferana* (Saxesen, 1840)

5144 [1261]. *Cydia pomonella* (Linnaeus, 1758)

CODLING MOTH

5152 [1260]. *Cydia splendana* (Hübner, [1799])

5153 [1259]. *Cydia fagiglandana* (Zeller, 1841)

***5154 [1262].** *Cydia amplana* (Hübner, [1800])

A [not allocated] [1262a]. *Cydia deshaisiana* (Lucas, 1858)

JUMPING BEAN MOTH

5167 [1272]. *Pammene aurana* (Fabricius, 1775)

5168 [1271]. *Pammene gallicana* (Guenée, 1845)

5173 [1236]. *Pammene fasciana* (Linnaeus, 1761)

5175 [1223]. *Pammene splendidulana* (Guenée, 1845)

***5181 [1227].** *Pammene giganteana* (Peyerimhoff, 1863)

Synonym *Pammene inquilana* Fletcher, 1938

5182 [1228]. *Pammene argyrana* (Hübner, [1799])

***5184 [1229].** *Pammene albuginana* (Guenée, 1845)

***5186 [1225].** *Pammene obscurana* (Stephens, 1834)

5190 [1239]. *Pammene rhediella* (Clerck, 1759)

FRUITLET MINING TORTRIX

5192 [1232]. *Pammene populana* (Fabricius, 1787)

5193 [1231]. *Pammene spiniana* (Duponchel, [1843])

5196 [1234]. *Pammene regiana* (Zeller, 1849)

***5200 [1238].** *Pammene ochsenheimeriana* (Lienig and Zeller, 1846)

***5205 [1237].** *Pammene germana* (Hübner, [1799])

5208 [1222]. *Strophedra nitidana* (Fabricius, 1794)

5214 [1285]. *Dichrorampha plumbana* (Scopoli, 1763)

5218 [1287]. *Dichrorampha aeratana* (Pierce and Metcalfe, 1915)

5226 [1280]. *Dichrorampha consortana* Stephens, 1852

5232 [1279]. *Dichrorampha acuminatana* (Lienig and Zeller, 1846)

5239 [1281]. *Dichrorampha simpliciana* (Haworth, 1811)

5246 [1284]. *Dichrorampha vancouverana* McDunnough, 1935

Synonym *Dichrorampha gueneana* Obraztsov, 1953

5248 [1274]. *Dichrorampha alpinana* (Treitschke, 1830)

5249 [1273]. *Dichrorampha petiverella* (Linnaeus, 1758)

5251 [1276]. *Dichrorampha plumbagana* (Treitschke, 1830)

5255 [1283]. *Dichrorampha montanana* (Duponchel, [1843])

CHOREUTIDAE

5269 [385]. *Anthophila fabriciana* (Linnaeus, 1767)

5271 [388]. *Prochoreutis myllerana* (Fabricius, 1794)

5272 [387]. *Prochoreutis sehestediana* (Fabricius, 1776)

5279 [386]. *Tebenna micalis* (Mann, 1857)

SCHRECKENSTEINIIDAE

5291 [485]. *Schreckensteinia festaliella* (Hübner, [1819])

EPERMENIIDAE

5296 [478]. *Phaulernis fulviguttella* (Zeller, 1839)

*5302 [484]. *Epermenia aequidentellus* (E. Hofmann, 1867)

5303 [483]. *Epermenia chaerophyllella* (Goeze, 1783)

*5305 [481]. *Epermenia falciformis* (Haworth, 1828)

ALUCITIDAE

5323 [1288]. *Alucita hexadactyla* Linnaeus, 1758

TWENTY-PLUME MOTH

PTEROPHORIDAE

5368 [1501]. *Platyptilia gonodactyla* ([Denis and Schiffermüller], 1775)

5369 [1500]. *Platyptilia calodactyla* ([Denis and Schiffermüller], 1775)

- 5371 [1502]. *Platyptilia isodactylus* (Zeller, 1852)
5374 [1499]. *Platyptilia tesseradactyla* (Linnaeus, 1761)
5377 [1504]. *Gillmeria pallidactyla* (Haworth, 1811)
 Synonym *Platyptilia pallidactyla* (Haworth, 1811)
5381 [1497]. *Amblyptilia acanthadactyla* (Hübner, [1813])
5382 [1498]. *Amblyptilia punctidactyla* (Haworth, 1811)
5390 [1509]. *Stenoptilia pterodactyla* (Linnaeus, 1761)
5397 [1508]. *Stenoptilia bipunctidactyla* (Scopoli, 1763)
5405 [1506]. *Stenoptilia millieridactyla* (Bruand, 1861)
5426 [1507]. *Stenoptilia zophodactylus* (Duponchel, 1840)
5436 [1495]. *Marasmarcha lunaedactyla* (Haworth, 1811)
5443 [1490]. *Oxyptilus parvidactylus* (Haworth, 1811)
*5454 [1492]. *Crombrugghia laetus* (Zeller, 1847)
*5459 [1494]. *Capperia britanniodactylus* (Gregson, 1867)
5485 [1513]. *Pterophorus pentadactyla* (Linnaeus, 1758)

WHITE PLUME MOTH

- 5500 [1511]. *Merrifieldia tridactyla* (Linnaeus, 1758)
 Synonym *Pterophorus fuscolimbatus* Duponchel, 1844
 Pterophorus icterodactylus Mann, 1855 misidentification
 Synonym *Alucita phillipsi* Huggins, 1955
5501 [1510]. *Merrifieldia leucodactyla* ([Denis and Schiffermüller], 1775)
5528 [1523]. *Oidaematophorus lithodactyla* (Treitschke, 1833)
5534 [1522]. *Hellinsia tephradactyla* (Hübner, [1813])
 Synonym *Euleioptilus tephradactyla* (Hübner, [1813])
5550 [1517]. *Adaina microdactyla* (Hübner, [1813])
5552 [1524]. *Emmelina monodactyla* (Linnaeus, 1758)

PYRALIDAE

- 5569 [1428]. *Aphomia sociella* (Linnaeus, 1758)

BEE MOTH

5587 [1426]. *Achroia grisella* (Fabricius, 1794)

LESSER WAX MOTH

5589 [1425]. *Galleria mellonella* (Linnaeus, 1758)

WAX MOTH

5627 [1417]. *Pyralis farinalis* (Linnaeus, 1758)

MEAL MOTH

5633 [1421]. *Aglossa pinguinalis* (Linnaeus, 1758)

LARGE TABBY

***5652 [1413].** *Hypsopygia costalis* (Fabricius, 1775)

GOLD TRIANGLE

***5658 [1415].** *Hypsopygia glaucinalis* (Linnaeus, 1758)

Synonym *Orthopygia glaucinalis* (Linnaeus, 1758)

5668 [1433]. *Cryptoblabes bistriga* (Haworth, 1811)

5684 [1451]. *Matilella fusca* (Haworth, 1811)

Synonym *Pyla fusca* (Haworth, 1811)

5686 [1463]. *Pempeliella ornatella* ([Denis and Schiffermüller], 1775)

5690 [1462]. *Delplanqueia dilutella* ([Denis and Schiffermüller], 1775)

Synonym *Pempeliella dilutella* ([Denis and Schiffermüller], 1775)

***5751 [1441].** *Oncocera semirubella* (Scopoli, 1763)

5767 [1442]. *Pempelia palumbella* ([Denis and Schiffermüller], 1775)

5784 [1454]. *Dioryctria abietella* ([Denis and Schiffermüller], 1775)

5796 [1452]. *Phycita roborella* ([Denis and Schiffermüller], 1775)

***5848 [1465].** *Nephtopterix angustella* (Hübner, 1796)

5856 [1439]. *Acrobasis advenella* (Zincken, 1818)

Synonym *Trachycera advenella* (Zincken, 1818)

5860 [1440]. *Acrobasis marmorea* (Haworth, 1811)

Synonym *Trachycera marmorea* (Haworth, 1811)

5869 [1437]. *Acrobasis consociella* (Hübner, [1813])

5873 [1486]. *Apomyelois bistratella* (Hulst, 1887)

ssp. *subcognata* (Ragonot, 1887)

5898 [1458]. *Myelois circumvoluta* (Fourcroy, 1785)

THISTLE ERMINE

6057 [1467]. *Ancylosis oblitella* (Zeller, 1848)

6072 [1481]. *Homoeosoma sinuella* (Fabricius, 1794)

6079 [1480]. *Homoeosoma nebulella* ([Denis and Schiffermüller], 1775)

[6082 [1482]. *Homoeosoma nimbella* (Duponchel, 1837)]

6086 [1485]. *Phycitodes maritima* (Tengström, [1848])

6087 [1483]. *Phycitodes binaevella* (Hübner, [1813])

6090 [1484]. *Phycitodes saxicola* (Vaughan, 1870)

6102 [1479]. *Plodia interpunctella* (Hübner, [1813])

INDIAN MEAL MOTH

6105 [1475]. *Ephestia kuehniella* Zeller, 1879

MEDITERRANEAN FLOUR MOTH

6112 [1473]. *Ephestia elutella* (Hübner, 1796)

CACAO MOTH

6118 [1477]. *Cadra figulilella* (Gregson, 1871)

Synonym *Ephestia figulilella* (Gregson, 1871)

6119 [1476]. *Cadra cautella* (Walker, 1863)

Synonym *Ephestia cautella* (Walker, 1863)

DRIED CURRANT MOTH

6120 [1478]. *Cadra calidella* (Guenée, 1845)

Synonym *Ephestia calidella* (Guenée, 1845)

DRIED FRUIT MOTH

6123 [1432]. *Anerastia lotella* (Hübner, [1813])

CRAMBIDAE

- 6165 [1332]. *Scoparia subfusca* Haworth, 1811
- 6166 [1334a]. *Scoparia basistrigalis* Knaggs, 1866
- 6168 [1334]. *Scoparia ambigualis* (Treitschke, 1829)
- 6172 [1333]. *Scoparia pyraella* ([Denis and Schiffermüller], 1775)
- 6180 [1338]. *Eudonia lacustrata* (Panzer, 1804)
 Synonym *Dipleurina lacustrata* (Panzer, 1804)
- 6184 [1342]. *Eudonia angustea* (Curtis, 1827)
- 6187 [1341]. *Eudonia lineola* (Curtis, 1827)
- 6189 [1343]. *Eudonia delunella* (Stainton, 1849)
- 6193 [1340]. *Eudonia truncicolella* (Stainton, 1849)
- 6195 [1344]. *Eudonia mercurella* (Linnaeus, 1758)
- 6199 [1336]. *Eudonia pallida* (Curtis, 1827)
- 6207 [1289]. *Euchromius ocella* (Haworth, 1811)
- 6222 [1290]. *Chilo phragmitella* (Hübner, 1805)
- 6241 [1293]. *Chrysoteuchia culmella* (Linnaeus, 1758)
- 6243 [1294]. *Crambus pascuella* (Linnaeus, 1758)
- 6245 [1297]. *Crambus uliginosellus* Zeller, 1850
- *6246 [1298]. *Crambus ericella* (Hübner, [1813])
- 6251 [1301]. *Crambus lathoniellus* (Zincken, 1817)
- 6253 [1302]. *Crambus perlella* (Scopoli, 1763)
- 6258 [1305]. *Agriphila tristella* ([Denis and Schiffermüller], 1775)
- 6260 [1306]. *Agriphila inquinatella* ([Denis and Schiffermüller], 1775)
- 6264 [1307]. *Agriphila latistria* (Haworth, 1811)
- 6266 [1303]. *Agriphila selasella* (Hübner, [1813])
- 6267 [1304]. *Agriphila straminella* ([Denis and Schiffermüller], 1775)
- 6275 [1309]. *Agriphila geniculea* (Haworth, 1811)
- 6301 [1313]. *Catoptria pinella* (Linnaeus, 1758)

6304 [1314]. *Catoptria margaritella* ([Denis and Schiffermüller], 1775)

***6314 [1316].** *Catoptria falsella* ([Denis and Schiffermüller], 1775)

***6367 [1324].** *Pediasia aridella* (Thunberg, 1788)

6377 [1325]. *Platytes alpinella* (Hübner, [1813])

6393 [1329]. *Donacaula forficella* (Thunberg, 1794)

6394 [1330]. *Donacaula mucronella* ([Denis and Schiffermüller], 1775)

6416 [1345]. *Elophila nymphaeata* (Linnaeus, 1758)

BROWN CHINA-MARK

6421 [1331]. *Acentria ephemerella* ([Denis and Schiffermüller], 1775)

WATER VENEER

6423 [1354]. *Cataclysta lemnata* (Linnaeus, 1758)

SMALL CHINA-MARK

6425 [1348]. *Parapopynx stratiotata* (Linnaeus, 1758)

RINGED CHINA-MARK

6431 [1350]. *Nymphula nitidulata* (Hufnagel, 1767)

Synonym *Nymphula stagnata* (Donovan, 1806)

BEAUTIFUL CHINA-MARK

6497 [1356]. *Evergestis forficalis* (Linnaeus, 1758)

GARDEN PEBBLE

***6499 [1357].** *Evergestis extimalis* (Scopoli, 1763)

6501 [1358]. *Evergestis pallidata* (Hufnagel, 1767)

***6521 [1360].** *Hellula undalis* (Fabricius, 1781)

6531 [1395]. *Udea ferrugalis* (Hübner, 1796)

RUSTY DOT PEARL

6538 [1388]. *Udea lutealis* (Hübner, 1809)

6541 [1390]. *Udea prunalis* ([Denis and Schiffermüller], 1775)

6557 [1392]. *Udea olivalis* ([Denis and Schiffermüller], 1775)

***6550 [1393].** *Udea uliginosalis* (Stephens, 1834)

6563 [1386]. *Anania fuscalis* ([Denis and Schiffermüller], 1775)

Synonym *Opsibotys fuscalis* ([Denis and Schiffermüller], 1775)

6595 [1367]. *Pyrausta cingulata* (Linnaeus, 1758)

6599 [1364]. *Pyrausta sanguinalis* (Linnaeus, 1767)

6601 [1365]. *Pyrausta despicata* (Scopoli, 1763)

6605 [1362]. *Pyrausta purpuralis* (Linnaeus, 1758)

6606 [1363]. *Pyrausta ostrinalis* (Hübner, 1796)

***6619 [1369].** *Uresiphita gilvata* (Fabricius, 1794)

Synonym *Uresiphita polygonalis* (Hübner, 1796)

6629 [1377]. *Anania lancealis* ([Denis and Schiffermüller], 1775)

Synonym *Perinephela lancealis* ([Denis and Schiffermüller], 1775)

6631 [1378]. *Anania coronata* (Hufnagel, 1767)

Synonym *Phlyctaenia coronata* (Hufnagel, 1767)

6649 [1375]. *Ostrinia nubilalis* (Hübner, 1796)

EUROPEAN CORN-BORER

6652 [1385]. *Anania crocealis* (Hübner, 1796)

Synonym *Ebulea crocealis* (Hübner, 1796)

6656 [1381]. *Anania funebris* (Ström, 1768)

6658 [1376]. *Anania hortulata* (Linnaeus, 1758)

Synonym *Eurrhypara hortulata* (Linnaeus, 1758)

SMALL MAGPIE

6660 [1373]. *Paratalanta pandalis* (Hübner, [1825])

BORDERED PEARL

***6686 [1403a].** *Duponchelia fovealis* Zeller, 1847

6667 [1405]. *Pleuroptya ruralis* (Scopoli, 1763)

MOTHER OF PEARL

6677 [1397]. *Mecyna asinalis* (Hübner, [1819])

6690 [1408]. *Palpita vitrealis* (Rossi, 1794)

*6704 [1400]. *Antigastra catalaunalis* (Duponchel, 1833)

6719 [1398]. *Nomophila noctuella* ([Denis and Schiffermüller], 1775)

RUSH VENEER

LASIOCAMPIDAE

6728 [1631]. *Poecilocampa populi* (Linnaeus, 1758)

DECEMBER MOTH

6731 [1632]. *Trichiura crataegi* (Linnaeus, 1758)

PALE EGGAR

6738 [1633]. *Eriogaster lanestris* (Linnaeus, 1758)

SMALL EGGAR

6743 [1634]. *Malacosoma neustria* (Linnaeus, 1758)

LACKEY

6752 [1637]. *Lasiocampa quercus* (Linnaeus, 1758)

OAK EGGAR/NORTHERN EGGAR

6755 [1638]. *Macrothylacia rubi* (Linnaeus, 1758)

FOX MOTH

6767 [1640]. *Euthrix potatoria* (Linnaeus, 1758)

DRINKER

SATURNIIDAE

6794 [1643]. *Saturnia pavonia* (Linnaeus, 1758)

EMPEROR

SPHINGIDAE

A [not allocated] [1971]. *Agrius cingulata* (Fabricius, 1775)

PINK-SPOTTED HAWK-MOTH

*6819 [1979]. *Mimas tiliae* (Linnaeus, 1758)

LIME HAWK-MOTH

6822 [1980]. *Smerinthus ocellata* (Linnaeus, 1758)

EYED HAWK-MOTH

6824 [1981]. *Laothoe populi* (Linnaeus, 1758)

POPLAR HAWK-MOTH

6828 [1972]. *Agrius convolvuli* (Linnaeus, 1758)

CONVOLVULUS HAWK-MOTH

6830 [1973]. *Acherontia atropos* (Linnaeus, 1758)

DEATH'S-HEAD HAWK-MOTH

6839 [1982]. *Hemaris tityus* (Linnaeus, 1758)

NARROW-BORDERED BEE HAWK-MOTH

6843 [1984]. *Macroglossum stellatarum* (Linnaeus, 1758)

HUMMING-BIRD HAWK-MOTH

6845 [1985]. *Daphnis nerii* (Linnaeus, 1758)

OLEANDER HAWK-MOTH

6855 [1987]. *Hyles gallii* (Rottemburg, 1775)

BEDSTRAW HAWK-MOTH

6860 [1990]. *Hyles livornica* (Esper, 1779)

STRIPED HAWK-MOTH

6862 [1991]. *Deilephila elpenor* (Linnaeus, 1758)

ELEPHANT HAWK-MOTH

6863 [1992]. *Deilephila porcellus* (Linnaeus, 1758)

SMALL ELEPHANT HAWK-MOTH

6865 [1993]. *Hippotion celerio* (Linnaeus, 1758)

SILVER-STRIPED HAWK-MOTH

HESPERIIDAE

6879 [1532]. *Erynnis tages* (Linnaeus, 1758)

ssp. *tages* (Linnaeus, 1758)

ssp. *baynesi* Huggins, 1956

DINGY SKIPPER

***6923 [1527].** *Thymelicus lineola* (Ochsenheimer, 1808)

ESSEX SKIPPER

*6924 [1526]. *Thymelicus sylvestris* (Poda, 1761)

SMALL SKIPPER

PAPILIONIDAE

6960 [1539]. *Papilio machaon* Linnaeus, 1758

SWALLOWTAIL

A [not allocated] [1539a]. *Papilio glaucus* Linnaeus, 1758

EASTERN TIGER SWALLOWTAIL

PIERIDAE

6966 [1541]. *Leptidea sinapis* (Linnaeus, 1758)

WOOD WHITE

6967 [...]. *Leptidea juvernica* Williams, 1946

Leptidea reali Reissinger, 1989 misidentification

CRYPTIC WOOD WHITE

6973 [1553]. *Anthocharis cardamines* (Linnaeus, 1758)

ssp. *hibernica* Williams, 1916

ORANGE-TIP

6995 [1549]. *Pieris brassicae* (Linnaeus, 1758)

LARGE WHITE

6998 [1550]. *Pieris rapae* (Linnaeus, 1758)

SMALL WHITE

7000 [1551]. *Pieris napi* (Linnaeus, 1758)

ssp. *britannica* Müller and Kautz, 1939

GREEN-VEINED WHITE

7005 [1552]. *Pontia daplidice* (Linnaeus, 1758)

BATH WHITE

7015 [1545]. *Colias croceus* (Fourcroy, 1785)

CLOUDED YELLOW

[7021 [1543]. *Colias hyale* (Linnaeus, 1758)

PALE CLOUDED YELLOW]

7024 [1546]. *Gonepteryx rhamni* (Linnaeus, 1758)

ssp. *gravesi* Huggins, 1956

BRIMSTONE

LYCAENIDAE

7034 [1561]. *Lycaena phlaeas* (Linnaeus, 1761)

ssp. *hibernica* Goodson, 1948

SMALL COPPER

7036 [1562]. *Lycaena dispar* (Haworth, 1803) extinct

LARGE COPPER

7047 [1556]. *Thecla betulae* (Linnaeus, 1758)

BROWN HAIRSTREAK

7049 [1557]. *Favonius quercus* (Linnaeus, 1758)

synonym *Neozephyrus quercus* (Linnaeus, 1788)

synonym *Quercusia quercus* (Linnaeus, 1788)

PURPLE HAIRSTREAK

7058 [1555]. *Callophrys rubi* (Linnaeus, 1758)

GREEN HAIRSTREAK

7088 [1569]. *Cupido minimus* (Fuessly, 1775)

SMALL BLUE

7097 [1580]. *Celastrina argiolus* (Linnaeus, 1758)

ssp. *britannica* Verity, 1919

HOLLY BLUE

7163 [1574]. *Polyommatus icarus* (Rottemburg, 1775)

ssp. *mariscolore* (Kane, 1893)

COMMON BLUE

NYMPHALIDAE

7202 [1608]. *Argynnis paphia* (Linnaeus, 1758)

SILVER-WASHED FRITILLARY

7204 [1607]. *Argynnis aglaja* (Linnaeus, 1758)

DARK GREEN FRITILLARY

7210 [1603]. *Issoria lathonia* (Linnaeus, 1758)

QUEEN OF SPAIN FRITILLARY

7220 [1601]. *Boloria euphrosyne* (Linnaeus, 1758)

PEARL-BORDERED FRITILLARY

7243 [1590]. *Vanessa atalanta* (Linnaeus, 1758)

RED ADMIRAL

7245 [1591]. *Vanessa cardui* (Linnaeus, 1758)

PAINTED LADY

7246 [1592]. *Vanessa virginiensis* (Drury, 1773)

AMERICAN PAINTED LADY

7248 [1597]. *Aglais io* (Linnaeus, 1758)

Synonym *Inachis io* (Linnaeus, 1758)

PEACOCK

7250 [1593]. *Aglais urticae* (Linnaeus, 1758)

SMALL TORTOISESHELL

7252 [1598]. *Polygonia c-album* (Linnaeus, 1758)

COMMA

7257 [1596]. *Nymphalis antiopa* (Linnaeus, 1758)

Synonym *Aglais antiopa* (Linnaeus, 1758)

CAMBERWELL BEAUTY

7268 [1610]. *Euphydryas aurinia* (Rottemburg, 1775)

MARSH FRITILLARY

7307 [1614]. *Pararge aegeria* (Linnaeus, 1758)

ssp. *tircis* (Godart, 1821)

SPECKLED WOOD

7309 [1615]. *Lasiommata megera* (Linnaeus, 1767)

WALL BROWN

7321 [1628]. *Coenonympha tullia* (Müller, 1764)

ssp. *polydama* (Howarth, 1803)

LARGE HEATH

7334 [1627]. *Coenonympha pamphilus* (Linnaeus, 1758)

ssp. *pamphilus* (Linnaeus, 1758)

SMALL HEATH

7340 [1625]. *Pyronia tithonus* (Linnaeus, 1771)

ssp. *britanniae* (Verity, 1915)

GATEKEEPER

7344 [1629]. *Aphantopus hyperantus* (Linnaeus, 1758)

RINGLET

7350 [1626]. *Maniola jurtina* (Linnaeus, 1758)

ssp. *iernes* Graves, 1930

MEADOW BROWN

7366 [1617]. *Erebia epiphron* (Knoch, 1783)

ssp. *mnemon* (Haworth, 1812) extinct?

MOUNTAIN RINGLET

7436 [1621]. *Hipparchia semele* (Linnaeus, 1758)

ssp. *hibernica* Howarth, 1971

ssp. *clarensis* de Lattin, 1952

GRAYLING

7474 [1630]. *Danaus plexippus* (Linnaeus, 1758)

MILKWEED

DREPANIDAE

- 7481 [1652].** *Thyatira batis* (Linnaeus, 1758)
PEACH BLOSSOM
- 7483 [1653].** *Habrosyne pyritoides* (Hufnagel, 1766)
BUFF ARCHES
- 7486 [1655].** *Tethea or* ([Denis and Schiffermüller], 1775)
ssp. *hibernica* (Turner, 1927)
POPLAR LUTESTRING
- 7488 [1656].** *Tetheella fluctuosa* (Hübner, 1803)
SATIN LUTESTRING
- 7490 [1657].** *Ochropacha duplaris* (Linnaeus, 1761)
COMMON LUTESTRING
- 7498 [1659].** *Achlya flavicornis* (Linnaeus, 1758)
ssp. *galbanus* (Tutt, 1891)
YELLOW HORNED
- 7501 [1645].** *Falcaria lacertinaria* (Linnaeus, 1758)
SCALLOPED HOOK-TIP
- *7503 [1646].** *Watsonalla binaria* (Hufnagel, 1767)
OAK HOOK-TIP
- 7505 [1647].** *Watsonalla cultraria* (Fabricius, 1775)
BARRED HOOK-TIP
- 7508 [1648].** *Drepana falcataria* (Linnaeus, 1758)
ssp. *falcataria* (Linnaeus, 1758)
PEBBLE HOOK-TIP
- 7512 [1651].** *Cilix glaucata* (Scopoli, 1763)
CHINESE CHARACTER

GEOMETRIDAE

- 7522 [1884].** *Abraxas grossulariata* (Linnaeus, 1758)

MAGPIE

7524 [1885]. *Abraxas sylvata* (Scopoli, 1763)

CLOUDED MAGPIE

7527 [1887]. *Lomaspilis marginata* (Linnaeus, 1758)

CLOUDED BORDER

7530 [1888]. *Ligdia adustata* ([Denis and Schiffermüller], 1775)

SCORCHED CARPET

7539 [1889]. *Macaria notata* (Linnaeus, 1758)

PEACOCK MOTH

7540 [1890]. *Macaria alternata* ([Denis and Schiffermüller], 1775)

SHARP-ANGLED PEACOCK

7542 [1893]. *Macaria liturata* (Clerck, 1759)

TAWNY-BARRED ANGLE

7543 [1897]. *Macaria wauaria* (Linnaeus, 1758)

V-MOTH

7547 [1894]. *Chiasmia clathrata* (Linnaeus, 1758)

ssp. *hugginsi* (Baynes, 1959)

LATTICED HEATH

7594 [1901]. *Cepphis advenaria* (Hübner, 1790)

LITTLE THORN

7596 [1902]. *Petrophora chlorosata* (Scopoli, 1763)

BROWN SILVER-LINE

7606 [1903]. *Plagodis pulveraria* (Linnaeus, 1758)

BARRED UMBER

7607 [1904]. *Plagodis dolabraria* (Linnaeus, 1767)

SCORCHED WING

7613 [1906]. *Opisthograptis luteolata* (Linnaeus, 1758)

BRIMSTONE MOTH

7615 [1907]. *Epione repandaria* (Hufnagel, 1767)

BORDERED BEAUTY

7620 [1909]. *Pseudopanthera macularia* (Linnaeus, 1758)

SPECKLED YELLOW

7630 [1910]. *Apeira syringaria* (Linnaeus, 1758)

LILAC BEAUTY

7632 [1911]. *Ennomos autumnaria* (Werneburg, 1859)

LARGE THORN

7633 [1912]. *Ennomos quercinaria* (Hufnagel, 1767)

AUGUST THORN

7634 [1913]. *Ennomos alniaria* (Linnaeus, 1758)

CANARY-SHOULDERED THORN

***7635 [1914].** *Ennomos fuscantaria* (Haworth, 1809)

DUSKY THORN

7636 [1915]. *Ennomos erosaria* ([Denis and Schiffermüller], 1775)

SEPTEMBER THORN

7641 [1917]. *Selenia dentaria* (Fabricius, 1775)

EARLY THORN

7642 [1918]. *Selenia lunularia* (Hübner, 1788)

LUNAR THORN

7647 [1920]. *Odontopera bidentata* (Clerck, 1759)

SCALLOPED HAZEL

7654 [1921]. *Crocallis elinguaris* (Linnaeus, 1758)

SCALLOPED OAK

7659 [1922]. *Ourapteryx sambucaria* (Linnaeus, 1758)

SWALLOW-TAILED MOTH

7663 [1923]. *Colotois pennaria* (Linnaeus, 1761)

FEATHERED THORN

7665 [1924]. *Angerona prunaria* (Linnaeus, 1758)

ORANGE MOTH

7672 [1926]. *Phigalia pilosaria* ([Denis and Schiffermüller], 1775)

PALE BRINDLED BEAUTY

7674 [1927]. *Lycia hirtaria* (Clerck, 1759)

BRINDLED BEAUTY

7680 [1928]. *Lycia zonaria* ([Denis and Schiffermüller], 1775)

ssp. *britannica* (Harrison, 1912)

BELTED BEAUTY

7685 [1930]. *Biston strataria* (Hufnagel, 1767)

OAK BEAUTY

7686 [1931]. *Biston betularia* (Linnaeus, 1758)

PEPPERED MOTH

7693 [1932]. *Agriopis leucophaearia* ([Denis and Schiffermüller], 1775)

SPRING USHER

7695 [1933]. *Agriopis aurantiaria* (Hübner, [1799])

SCARCE UMBER

7696 [1934]. *Agriopis marginaria* (Fabricius, 1776)

DOTTED BORDER

7699 [1935]. *Erannis defoliaria* (Clerck, 1759)

MOTTLED UMBER

[7724 [1936]. *Menophra abruptaria* (Thunberg, 1792)

WAVED UMBER]

7754 [1937]. *Peribatodes rhomboidaria* ([Denis and Schiffermüller], 1775)

WILLOW BEAUTY

7767 [1938]. *Selidosema brunnearia* (de Villers, 1789)

ssp. *scandinaviaria* Staudinger, 1901

ssp. *tyronensis* Cockayne, 1948

BORDERED GREY

7773 [1939]. *Cleora cinctaria* ([Denis and Schiffermüller], 1775)

ssp. *cinctaria* ([Denis and Schiffermüller], 1775)

RINGED CARPET

7775 [1940]. *Deileptenia ribeata* (Clerck, 1759)

SATIN BEAUTY

7777 [1941]. *Alcis repandata* (Linnaeus, 1758)

MOTTLED BEAUTY

7779 [1942]. *Alcis jubata* (Thunberg, 1788)

DOTTED CARPET

7784 [1944]. *Hypomecis punctinalis* (Scopoli, 1763)

PALE OAK BEAUTY

7790 [1945]. *Cleorodes lichenaria* (Hufnagel, 1767)

BRUSSELS LACE

7796 [1948]. *Ectropis crepuscularia* ([Denis and Schiffermüller], 1775)

Synonym *Ectropis bistortata* (Goeze, 1871)

ENGRAILED

7798 [1949]. *Paradarisa consonaria* (Hübner, [1799])

SQUARE SPOT

7802 [1951]. *Aethalura punctulata* ([Denis and Schiffermüller], 1775)

GREY BIRCH

7804 [1952]. *Ematurga atomaria* (Linnaeus, 1758)

ssp. *atomaria* (Linnaeus, 1758)

COMMON HEATH

7822 [1954]. *Bupalus piniaria* (Linnaeus, 1758)

BORDERED WHITE

7824 [1955]. *Cabera pusaria* (Linnaeus, 1758)

COMMON WHITE WAVE

7826 [1956]. *Cabera exanthemata* (Scopoli, 1763)

COMMON WAVE

7828 [1957]. *Lomographa bimaculata* (Fabricius, 1775)

WHITE-PINION SPOTTED

7829 [1958]. *Lomographa temerata* ([Denis and Schiffermüller], 1775)

CLOUDED SILVER

7834 [1960]. *Theria primaria* (Haworth, 1809)

EARLY MOTH

7836 [1961]. *Campaea margaritaria* (Linnaeus, 1761)

Synonym *Campaea margaritata* (Linnaeus, 1767)

LIGHT EMERALD

7839 [1962]. *Hylaea fasciaria* (Linnaeus, 1758)

BARRED RED

7848 [1963]. *Gnophos obfuscata* ([Denis and Schiffermüller], 1775)

SCOTTISH ANNULET

7852 [1962a]. *Gnophos dumetata* Treitschke, 1827

Synonym *Odontognophos dumetata* (Treitschke, 1827)

ssp. *hibernica* Forder, 1993

IRISH ANNULET

7857 [1964]. *Charissa obscurata* ([Denis and Schiffermüller], 1775)

ANNULET

7922 [1967]. *Aspitates gilvaria* ([Denis and Schiffermüller], 1775)

ssp. *burrenensis* Cockayne, 1951

STRAW BELLE

7931 [1969]. *Dyscia fagaria* (Thunberg, 1784)

GREY SCALLOPED BAR

7939 [1970]. *Perconia strigillaria* (Hübner, [1787])

GRASS WAVE

7953 [1663]. *Alsophila aescularia* ([Denis and Schiffermüller], 1775)

MARCH MOTH

7965 [1665]. *Pseudoterpna pruinata* (Hufnagel, 1767)

ssp. *atropunctaria* (Walker, 1863)

GRASS EMERALD

7969 [1666]. *Geometra papilionaria* (Linnaeus, 1758)

LARGE EMERALD

7980 [1669]. *Hemithea aestivaria* (Hübner, 1789)

COMMON EMERALD

8000 [1673]. *Hemistola chrysoprasaria* (Esper, 1795)

SMALL EMERALD

8002 [1674]. *Jodis lactearia* (Linnaeus, 1758)

LITTLE EMERALD

8016 [1677]. *Cyclophora albipunctata* (Hufnagel, 1767)

BIRCH MOCHA

8017 [1678]. *Cyclophora puppillaria* (Hübner, [1799])

BLAIR'S MOCHA

8022 [1680]. *Cyclophora punctaria* (Linnaeus, 1758)

MAIDEN'S BLUSH

8024 [1681]. *Cyclophora linearia* (Hübner, [1799])

CLAY TRIPLE-LINES

8028 [1682]. *Timandra comae* Schmidt, 1931

BLOOD-VEIN

8059 [1689]. *Scopula marginepunctata* (Goeze, 1781)

MULLEIN WAVE

8062 [1690]. *Scopula imitaria* (Hübner, [1799])

SMALL BLOOD-VEIN

8064 [1692]. *Scopula immutata* (Linnaeus, 1758)

LESSER CREAM WAVE

8067 [1694]. *Scopula ternata* (Schrank, 1802)

SMOKY WAVE

8069 [1693]. *Scopula floslactata* (Haworth, 1809)

ssp. *floslactata* (Haworth, 1809)

CREAM WAVE

***8072 [1691].** *Scopula emutaria* (Hübner, 1809)

ROSY WAVE

8104 [1698]. *Idaea muricata* (Hufnagel, 1767)

PURPLE-BORDERED GOLD

8132 [1702]. *Idaea biselata* (Hufnagel, 1767)

SMALL FAN-FOOTED WAVE

8161 [1708]. *Idaea dimidiata* (Hufnagel, 1767)

SINGLE-DOTTED WAVE

8167 [1709]. *Idaea subsericeata* (Haworth, 1809)

SATIN WAVE

8184 [1713]. *Idaea aversata* (Linnaeus, 1758)

RIBAND WAVE

8187 [1715]. *Idaea straminata* (Borkhausen, 1794)

PLAIN WAVE

8211 [1716]. *Rhodometra sacraria* (Linnaeus, 1767)

VESTAL

8239 [1732]. *Scotopteryx chenopodiata* (Linnaeus, 1758)

SHADED BROAD-BAR

8240 [1733]. *Scotopteryx mucronata* (Scopoli, 1763)

ssp. *umbrifera* (Heydemann, 1925)

ssp. *scotica* (Cockayne, 1940)

LEAD BELLE

8241 [1734]. *Scotopteryx luridata* (Hufnagel, 1767)

ssp. *plumbaria* (Fabricius, 1775)

JULY BELLE

8245 [1719]. *Orthonama vittata* (Borkhausen, 1794)

OBLIQUE CARPET

8246 [1720]. *Nycterosea obstipata* (Fabricius, 1794)

Synonym *Orthonama obstipata* (Fabricius, 1794)

GEM

8249 [1722]. *Xanthorhoe designata* (Hufnagel, 1767)

FLAME CARPET

8251 [1723]. *Xanthorhoe decoloraria* (Esper, 1806)

ssp. *decoloraria* (Esper, 1805)

RED CARPET

8252 [1724]. *Xanthorhoe spadicearia* ([Denis and Schiffermüller], 1775)

RED TWIN-SPOT CARPET

8253 [1725]. *Xanthorhoe ferrugata* (Clerck, 1759)

DARK-BARRED TWIN-SPOT CARPET

8255 [1727]. *Xanthorhoe montanata* ([Denis and Schiffermüller], 1775)

ssp. *montanata* ([Denis and Schiffermüller], 1775)

SILVER-GROUND CARPET

8256 [1728]. *Xanthorhoe fluctuata* (Linnaeus, 1758)

GARDEN CARPET

8269 [1736]. *Catarhoe cuculata* (Hufnagel, 1767)

ROYAL MANTLE

8274 [1737]. *Epirrhoe tristata* (Linnaeus, 1758)

SMALL ARGENT AND SABLE

8275 [1738]. *Epirrhoe alternata* (Müller, 1764)

ssp. *alternata* (Müller, 1764)

COMMON CARPET

8279 [1740]. *Epirrhoe galiata* ([Denis and Schiffermüller], 1775)

GALIUM CARPET

8289 [1742]. *Camptogramma bilineata* (Linnaeus, 1758)

ssp. *bilineata* (Linnaeus, 1758)

ssp. *hibernica* Tutt, 1902

ssp. *isolata* Kane, 1896

YELLOW SHELL

8299 [1743]. *Entephria flavicinctata* (Hübner, [1813])

ssp. *flavicinctata* (Hübner, [1813])

YELLOW-RINGED CARPET

8302 [1744]. *Entephria caesiata* ([Denis and Schiffermüller], 1775)

GREY MOUNTAIN CARPET

8304 [1745]. *Larentia clavaria* (Haworth, 1809)

MALLOW

8309 [1746]. *Earophila badiata* ([Denis and Schiffermüller], 1775)

Synonym *Anticlea badiata* ([Denis and Schiffermüller], 1775)

SHOULDER STRIPE

8310 [1747]. *Anticlea derivata* ([Denis and Schiffermüller], 1775)

STREAMER

8312 [1748]. *Mesoleuca albicillata* (Linnaeus, 1758)

BEAUTIFUL CARPET

8314 [1749]. *Pelurga comitata* (Linnaeus, 1758)

DARK SPINACH

8316 [1750]. *Lampropteryx suffumata* ([Denis and Schiffermüller], 1775)

WATER CARPET

8319 [1752]. *Cosmorhoe ocellata* (Linnaeus, 1758)

PURPLE BAR

8321 [1753]. *Coenotephria salicata* ([Denis and Schiffermüller], 1775)

Synonym *Nebula salicata* (Hübner, [1799])

ssp. *latentaria* (Curtis, 1830)

STRIPED TWIN-SPOT CARPET

8330 [1754]. *Eulithis prunata* (Linnaeus, 1758)

PHOENIX

8331 [1755]. *Eulithis testata* (Linnaeus, 1761)

CHEVRON

8332 [1756]. *Eulithis populata* (Linnaeus, 1758)

NORTHERN SPINACH

8334 [1757]. *Eulithis mellinata* (Fabricius, 1787)

SPINACH

8335 [1758]. *Gandaritis pyraliata* ([Denis and Schiffermüller], 1775)

Synonym *Eulithis pyraliata* ([Denis and Schiffermüller], 1775)

BARRED STRAW

8338 [1759]. *Ecliptopera silaceata* ([Denis and Schiffermüller], 1775)

SMALL PHOENIX

8341 [1760]. *Chloroclysta siterata* (Hufnagel, 1767)

RED-GREEN CARPET

8342 [1761]. *Chloroclysta miata* (Linnaeus, 1758)

AUTUMN GREEN CARPET

8343 [1762]. *Dysstroma citrata* (Linnaeus, 1761)

Synonym *Chloroclysta citrata* (Linnaeus, 1761)

ssp. *citrata* (Linnaeus, 1761)

DARK MARBLED CARPET

8348 [1764]. *Dysstroma truncata* (Hufnagel, 1767)

Synonym *Chloroclysta truncata* (Hufnagel, 1767)

COMMON MARBLED CARPET

8350 [1765]. *Cidaria fulvata* (Forster, 1771)

BARRED YELLOW

8352 [1766]. *Plemyria rubiginata* ([Denis and Schiffermüller], 1775)

ssp. *rubiginata* ([Denis and Schiffermüller], 1775)

BLUE-BORDERED CARPET

8354 [1767]. *Pennithera firmata* (Hübner, 1822)

Synonym *Thera firmata* (Hübner, 1822)

PINE CARPET

8356 [1768]. *Thera obeliscata* (Hübner, [1787])

GREY PINE CARPET

8358 [1769]. *Thera britannica* (Turner, 1925)

SPRUCE CARPET

8361 [1770]. *Thera cognata* (Thunberg, 1792)

CHESTNUT-COLOURED CARPET

8362 [1771]. *Thera juniperata* (Linnaeus, 1758)

ssp. *scotica* (White, 1871)

ssp. *juniperata* (Linnaeus, 1758)

JUNIPER CARPET

8368 [1773]. *Electrophaes corylata* (Thunberg, 1792)

BROKEN-BARRED CARPET

8371 [1774]. *Colostygia olivata* ([Denis and Schiffermüller], 1775)

BEECH-GREEN CARPET

8376 [1775]. *Colostygia multistrigaria* (Haworth, 1809)

MOTTLED GREY

8385 [1776]. *Colostygia pectinataria* (Knoch, 1781)

GREEN CARPET

8391 [1777]. *Hydriomena furcata* (Thunberg, 1784)

JULY HIGHFLYER

8392 [1778]. *Hydriomena impluviata* ([Denis and Schiffermüller], 1775)

MAY HIGHFLYER

8393 [1779]. *Hydriomena ruberata* (Freyer, 1831)

RUDDY HIGHFLYER

8397 [1780]. *Coenocalpe lapidata* (Hübner, 1809)

SLENDER-STRIPED RUFOUS

8400 [1781]. *Horisme vitalbata* ([Denis and Schiffermüller], 1775)

SMALL WAVED UMBER

8402 [1782]. *Horisme tersata* ([Denis and Schiffermüller], 1775)

FERN

8414 [1785]. *Pareulype berberata* ([Denis and Schiffermüller], 1775)

BARBERRY CARPET

8419 [1787]. *Rheumaptera hastata* (Linnaeus, 1758)

ssp. *hastata* (Linnaeus, 1758)

ARGENT AND SABLE

8423 [1789]. *Hydria undulata* (Linnaeus, 1758)

Synonym *Rheumaptera undulata* (Linnaeus, 1758)

SCALLOP SHELL

8428 [1790]. *Triphosa dubitata* (Linnaeus, 1758)

TISSUE

8432 [1791]. *Philereme vetulata* ([Denis and Schiffermüller], 1775)

BROWN SCALLOP

8433 [1792]. *Philereme transversata* (Hufnagel, 1767)

ssp. *britannica* Lempke, 1968

DARK UMBER

8435 [1793]. *Euphyia biangulata* (Haworth, 1809)

CLOAKED CARPET

8436 [1794]. *Euphyia unangulata* (Haworth, 1809)

SHARP-ANGLED CARPET

8442 [1795]. *Epirrita dilutata* ([Denis and Schiffermüller], 1775)

NOVEMBER MOTH

8443 [1796]. *Epirrita christyi* (Allen, 1906)

PALE NOVEMBER MOTH

8444 [1797]. *Epirrita autumnata* (Borkhausen, 1794)

AUTUMNAL MOTH

8445 [1798]. *Epirrita filigrammaria* (Herrich-Schäffer, 1846)

SMALL AUTUMNAL MOTH

8447 [1799]. *Operophtera brumata* (Linnaeus, 1758)

WINTER MOTH

8448 [1800]. *Operophtera fagata* (Scharfenberg, 1805)

NORTHERN WINTER MOTH

8454 [1801]. *Martania taeniata* (Stephens, 1831)

Synonym *Perizoma taeniata* (Stephens, 1831)

BARRED CARPET

8455 [1802]. *Perizoma affinitata* (Stephens, 1831)

RIVULET

8456 [1803]. *Perizoma alchemillata* (Linnaeus, 1758)

SMALL RIVULET

8459 [1804]. *Perizoma bifaciata* (Haworth, 1809)

BARRED RIVULET

8461 [1805]. *Perizoma minorata* (Treitshke, 1828)

ssp. *ericetata* (Stephens, 1831)

HEATH RIVULET

8462 [1806]. *Perizoma blandiata* ([Denis and Schiffermüller], 1775)

ssp. *blandiata* ([Denis and Schiffermüller], 1775)

PRETTY PINION

8463 [1807]. *Perizoma albulata* ([Denis and Schiffermüller], 1775)

ssp. *albulata* ([Denis and Schiffermüller], 1775)

GRASS RIVULET

8464 [1808]. *Perizoma flavofasciata* (Thunberg, 1792)

SANDY CARPET

8465 [1809]. *Mesotype didymata* (Linnaeus, 1758)

Synonym *Perizoma taeniata* (Linnaeus, 1758)

ssp. *didymata* (Linnaeus, 1758)

TWIN-SPOT CARPET

8475 [1811]. *Eupithecia tenuiata* (Hübner, [1813])

SLENDER PUG

8477 [1813]. *Eupithecia haworthiata* Doubleday, 1856

HAWORTH'S PUG

8479 [1814]. *Eupithecia plumbeolata* (Haworth, 1809)

LEAD-COLOURED PUG

8481 [1815]. *Eupithecia abietaria* (Goeze, 1781)

CLOAKED PUG

8483 [1816]. *Eupithecia linariata* ([Denis and Schiffermüller], 1775)

TOADFLAX PUG

8484 [1817]. *Eupithecia pulchellata* Stephens, 1831

ssp. *pulchellata* Stephens, 1831

ssp. *hebudium* Sheldon, 1899

FOXGLOVE PUG

8491 [1819]. *Eupithecia exiguata* (Hübner, [1813])

ssp. *exiguata* (Hübner, [1813])

MOTTLED PUG

8494 [1821]. *Eupithecia valerianata* (Hübner, [1813])

VALERIAN PUG

8495 [1822]. *Eupithecia pygmaeata* (Hübner, [1799])

MARSH PUG

8502 [1823]. *Eupithecia venosata* (Fabricius, 1787)

ssp. *venosata* (Fabricius, 1787)

ssp. *plumbea* Huggins, 1962

NETTED PUG

8509 [1825]. *Eupithecia centaureata* ([Denis and Schiffermüller], 1775)

LIME-SPECK PUG

8517 [1826]. *Eupithecia trisignaria* Herrich-Schäffer, 1848

TRIPLE-SPOTTED PUG

8519 [1827]. *Eupithecia intricata* (Zetterstedt, 1839)

ssp. *hibernica* Mere, 1964

MERE'S PUG

8526 [1828]. *Eupithecia satyrata* (Hübner, [1813])

ssp. *callunaria* Doubleday, 1850

SATYR PUG

8527 [1830]. *Eupithecia absinthiata* (Clerck, 1759)

Synonym *Eupithecia goosensiata* Mabille, 1869

WORMWOOD PUG

8531 [1832]. *Eupithecia assimilata* Doubleday, 1856

CURRENT PUG

8530 [1833]. *Eupithecia expallidata* Doubleday, 1856

BLEACHED PUG

8534 [1834]. *Eupithecia vulgata* (Haworth, 1809)

ssp. *scotica* Cockayne, 1951

ssp. *clarensis* Huggins, 1962

COMMON PUG

8535 [1835]. *Eupithecia tripunctaria* Herrich-Schäffer, 1852

WHITE-SPOTTED PUG

8536 [1836]. *Eupithecia denotata* (Hübner, [1813])

ssp. *jasioneata* Crewe, 1881

JASIONE PUG

8537 [1837]. *Eupithecia subfuscata* (Haworth, 1809)

GREY PUG

8538 [1838]. *Eupithecia icterata* (de Villers, 1789)

ssp. *subfulvata* (Haworth, 1809)

ssp. *oxydata* Treitschke, 1827

TAWNY SPECKLED PUG

8539 [1839]. *Eupithecia succenturiata* (Linnaeus, 1758)

BORDERED PUG

8546 [1840]. *Eupithecia subumbrata* ([Denis and Schiffermüller], 1775)

SHADED PUG

8553 [1842]. *Eupithecia simpliciata* (Haworth, 1809)

PLAIN PUG

8556 [1843]. *Eupithecia distinctaria* Herrich-Schäffer, 1848

ssp. *constrictata* Guenée, 1857

THYME PUG

8565 [1844]. *Eupithecia indigata* (Hübner, [1813])

OCHREOUS PUG

8567 [1845]. *Eupithecia pimpinellata* (Hübner, [1813])

PIMPINEL PUG

8570 [1846]. *Eupithecia nanata* (Hübner, [1813])

NARROW-WINGED PUG

8573 [1848]. *Eupithecia innotata* (Hufnagel, 1767)

form *fraxinata* Crewe, 1863

ASH PUG

8577 [1851]. *Eupithecia virgaureata* Doubleday, 1861

GOLDEN-ROD PUG

8578 [1852]. *Eupithecia abbreviata* Stephens, 1831

BRINDLED PUG

8579 [1853]. *Eupithecia dodoneata* Guenée, 1858

OAK-TREE PUG

8583 [1854]. *Eupithecia pusillata* ([Denis and Schiffermüller], 1775)

ssp. *pusillata* ([Denis and Schiffermüller], 1775)

JUNIPER PUG

8584 [1855]. *Eupithecia phoeniceata* (Rambur, 1834)

CYPRESS PUG

8595 [1856]. *Eupithecia lariciata* (Freyer, 1841)

LARCH PUG

8596 [1857]. *Eupithecia tantillaria* Boisduval, 1840

DWARF PUG

8599 [1862]. *Gymnoscelis rufifasciata* (Haworth, 1809)

DOUBLE-STRIPED PUG

8601 [1858]. *Chloroclystis v-ata* (Haworth, 1809)

V-PUG

8603 [1860]. *Pasiphila rectangulata* (Linnaeus, 1758)

GREEN PUG

8605 [1861]. *Pasiphila debiliata* (Hübner, [1817])

BILBERRY PUG

8609 [1864]. *Chesias legatella* ([Denis and Schiffermüller], 1775)

STREAK

***8610 [1865].** *Chesias rufata* (Fabricius, 1775)

BROOM-TIP

8617 [1866]. *Carsia sororiata* (Hübner, [1813])

ssp. *anglica* Prout, 1937

MANCHESTER TREBLE-BAR

8620 [1867]. *Aplocera plagiata* (Linnaeus, 1758)

ssp. *plagiata* (Linnaeus, 1758)

TREBLE-BAR

8631 [1870]. *Odezia atrata* (Linnaeus, 1758)

CHIMNEY SWEEPER

8652 [1873]. *Venusia cambrica* Curtis, 1839

WELSH WAVE

***8654 [1874].** *Euchoeca nebulata* (Scopoli, 1763)

DINGY SHELL

8656 [1875]. *Asthena albulata* (Hufnagel, 1767)

SMALL WHITE WAVE

8660 [1876]. *Hydrelia flammeolaria* (Hufnagel, 1767)

SMALL YELLOW WAVE

8661 [1877]. *Hydrelia sylvata* ([Denis and Schiffermüller], 1775)

WAVED CARPET

8665 [1879]. *Lobophora halterata* (Hufnagel, 1767)

SERAPHIM

8668 [1881]. *Trichopteryx carpinata* (Borkhausen, 1794)

EARLY TOOTH-STRIPED

8675 [1882]. *Pterapherapteryx sexalata* (Retzius, 1783)

SMALL SERAPHIM

8681 [1883]. *Acasis viretata* (Hübner, [1799])

YELLOW-BARRED BRINDLE

NOTODONTIDAE

8699 [2017]. *Clostera pigra* (Hufnagel, 1766)

SMALL CHOCOLATE-TIP

[8698 [2019]. *Clostera curtula* (Linnaeus, 1758)

CHOCOLATE-TIP]

8704 [1995]. *Cerura vinula* (Linnaeus, 1758)

PUSS MOTH

8708 [1997]. *Furcula furcula* (Clerck, 1759)

SALLOW KITTEN

8709 [1996]. *Furcula bicuspis* (Borkhausen, 1790)

ALDER KITTEN

8710 [1998]. *Furcula bifida* (Brahm, 1787)

POPLAR KITTEN

8716 [2000]. *Notodonta dromedarius* (Linnaeus, 1767)

IRON PROMINENT

8719 [2003]. *Notodonta ziczac* (Linnaeus, 1758)

PEBBLE PROMINENT

8721 [2014]. *Drymonia dodonaea* ([Denis and Schiffermüller], 1775)

MARBLED BROWN

8722 [2015]. *Drymonia ruficornis* (Hufnagel, 1766)

LUNAR MARBLED BROWN

8727 [2007]. *Pheosia tremula* (Clerck, 1759)

SWALLOW PROMINENT

8728 [2006]. *Pheosia gnoma* (Fabricius, 1776)

LESSER SWALLOW PROMINENT

8732 [2011]. *Pterostoma palpina* (Clerck, 1759)

PALE PROMINENT

8736 [2012]. *Leucodonta bicoloria* ([Denis and Schiffermüller], 1775)

WHITE PROMINENT

8738 [2008]. *Ptilodon capucina* (Linnaeus, 1758)

COXCOMB PROMINENT

8741 [2010]. *Odontosia carmelita* (Esper, 1799)

SCARCE PROMINENT

8750 [1994]. *Phalera bucephala* (Linnaeus, 1758)

BUFF-TIP

8758 [1999]. *Stauropus fagi* (Linnaeus, 1758)

LOBSTER MOTH

NOCTUIDAE

8774 [2281]. *Acronicta alni* (Linnaeus, 1767)

ALDER MOTH

8777 [2284]. *Acronicta psi* (Linnaeus, 1758)

GREY DAGGER

[8778 [2279]. *Acronicta aceris* (Linnaeus, 1758)

SYCAMORE]

8779 [2280]. *Acronicta leporina* (Linnaeus, 1758)

MILLER

8780 [2278]. *Subacronicta megacephala* ([Denis and Schiffermüller], 1775)

Synonym *Acronicta megacephala* ([Denis and Schiffermüller], 1775)

POPLAR GREY

8782 [2286]. *Acronicta menyanthidis* (Esper, 1789)

ssp. *menyanthidis* (Esper, 1789)

LIGHT KNOT GRASS

***8783 [2287].** *Acronicta auricoma* ([Denis and Schiffermüller], 1775)

SCARCE DAGGER

8784 [2288]. *Acronicta euphorbiae* ([Denis and Schiffermüller], 1775)

ssp. *myricae* Guenée, 1852

SWEET GALE MOTH

8787 [2289]. *Acronicta rumicis* (Linnaeus, 1758)

KNOT GRASS

8789 [2291]. *Craniophora ligustri* ([Denis and Schiffermüller], 1775)

CORONET

8816 [2293]. *Bryophila domestica* (Hufnagel, 1766)

Synonym *Cryphia domestica* (Hufnagel, 1766)

MARbled BEAUTY

8818 [2295]. *Nyctobrya muralis* (Forster, 1771)

Synonym *Cryphia muralis* (Forster, 1771)

ssp. *muralis* (Forster, 1771)

MARbled GREEN

8846 [2492]. *Herminia grisealis* ([Denis and Schiffermüller], 1775)

SMALL FAN-FOOT

8852 [2488]. *Pechipogo strigilata* (Linnaeus, 1758)

COMMON FAN-FOOT

8858 [2489]. *Herminia tarsipennalis* (Treitschke, 1835)

Synonym *Zanclognatha tarsipennalis* (Treitschke, 1835)

FAN-FOOT

8863 [2485]. *Hypenodes humidalis* Doubleday, 1850

MARSH OBLIQUE-BARRED

8866 [2484]. *Schrankia costastrigalis* (Stephens, 1834)

PINION-STREAKED SNOUT

8868 [2482]. *Schrankia taenialis* (Hübner, 1809)

WHITE-LINE SNOUT

8873 [2451]. *Catocala fraxini* (Linnaeus, 1758)

CLIFDEN NONPAREIL

8874 [2452]. *Catocala nupta* (Linnaeus, 1767)

RED UNDERWING

8897 [2456]. *Minucia lunaris* ([Denis and Schiffermüller], 1775)

LUNAR DOUBLE-STRIPE

A 8961 [2455b]. *Pandesma robusta* (Walker, 1858)

Synonym *Thria robusta* (Walker, 1858)

8967 [2462]. *Euclidia mi* (Clerck, 1759)

Synonym *Callistege mi* (Clerck, 1759)

MOTHER SHIPTON

8969 [2463]. *Euclidia glyphica* (Linnaeus, 1758)

BURNET COMPANION

8984 [2469]. *Scoliopteryx libatrix* (Linnaeus, 1758)

HERALD

8994 [2477]. *Hypena proboscidalis* (Linnaeus, 1758)

SNOUT

8997 [2478]. *Hypena obsitalis* (Hübner, [1813])

BLOXWORTH SNOUT

9002 [2476]. *Hypena crassalis* (Fabricius, 1787)

BEAUTIFUL SNOUT

9006 [2470]. *Phytometra viridaria* (Clerck, 1759)

SMALL PURPLE-BARRED

9008 [2474]. *Rivula sericealis* (Scopoli, 1763)

STRAW DOT

9027 [2438]. *Euchalcia variabilis* (Piller, 1783)

PURPLE-SHADED GEM

9036 [2437]. *Polychrysia moneta* (Fabricius, 1787)

GOLDEN PLUSIA

9045 [2434]. *Diachrysia chrysitis* (Linnaeus, 1758)

BURNISHED BRASS

9053 [2439]. *Plusia festucae* (Linnaeus, 1758)

GOLD SPOT

9054 [2440]. *Plusia putnami* (Grote, 1873)

ssp. *gracilis* (Lempke, 1966)

LEMPKE'S GOLD SPOT

9056 [2441]. *Autographa gamma* (Linnaeus, 1758)

SILVER Y

9059 [2442]. *Autographa pulchrina* (Haworth, 1809)

BEAUTIFUL GOLDEN Y

9061 [2443]. *Autographa jota* (Linnaeus, 1758)

PLAIN GOLDEN Y

9062 [2444]. *Autographa bractea* ([Denis and Schiffermüller], 1775)

GOLD SPANGLE

9074 [2447]. *Syngrapha interrogationis* (Linnaeus, 1758)

SCARCE SILVER Y

9078 [2433]. *Thysanoplusia orichalcea* (Fabricius, 1775)

SLENDER BURNISHED BRASS

9081 [2432]. *Trichoplusia ni* (Hübner, 1803)

NI MOTH

9089 [2429]. *Chrysodeixis acuta* (Walker, 1858)

TUNBRIDGE WELLS GEM

9091 [2450]. *Abrostola tripartita* (Hufnagel, 1766)

SPECTACLE

9093 [2449]. *Abrostola triplasia* (Linnaeus, 1758)

DARK SPECTACLE

9114 [2410]. *Deltote pygarga* (Hufnagel, 1766)

Synonym *Protodeltote pygarga* (Hufnagel, 1766)

MARbled WHITE SPOT

9117 [2412]. *Deltote uncula* (Clerck, 1759)

SILVER HOOK

9118 [2413]. *Deltote bankiana* (Fabricius, 1775)

SILVER BARRED

9140 [2407]. *Eublemma ostrina* (Hübner, 1808)

PURPLE MARBLED

9142 [2408]. *Eublemma parva* (Hübner, 1808)

SMALL MARBLED

9183 [2211]. *Cucullia absinthii* (Linnaeus, 1761)

WORMWOOD

9199 [2216]. *Cucullia umbratica* (Linnaeus, 1758)

SHARK

9207 [2214]. *Cucullia chamomillae* ([Denis and Schiffermüller], 1775)

CHAMOMILE SHARK

9233 [2221]. *Cucullia verbasci* (Linnaeus, 1758)

MULLEIN

9307 [2297]. *Amphipyra pyramidea* (Linnaeus, 1758)

COPPER UNDERWING

9308 [2298]. *Amphipyra berbera* Rungs, 1949

SVENSSON'S COPPER UNDERWING

9311 [2299]. *Amphipyra tragopoginis* (Clerck, 1759)

MOUSE MOTH

9320 [2227]. *Asteroscopus sphinx* (Hufnagel, 1766)

SPRAWLER

9331 [2020]. *Diloba caeruleocephala* (Linnaeus, 1758)

FIGURE OF EIGHT

9338 [2397]. *Panemeria tenebrata* (Scopoli, 1763)

SMALL YELLOW UNDERWING

9358 [2405]. *Protoschinia scutosa* ([Denis and Schiffermüller], 1775)

Synonym *Schinia scutosa* ([Denis and Schiffermüller], 1775)

SPOTTED CLOVER

9367 [2403]. *Heliothis peltigera* ([Denis and Schiffermüller], 1775)

BORDERED STRAW

***9368 [2404].** *Heliothis nubigera* Herrich-Schäffer, 1851

EASTERN BORDERED STRAW

9370 [2400]. *Helicoverpa armigera* (Hübner, 1808)

SCARCE BORDERED STRAW

9372 [2399]. *Pyrrhia umbra* (Hufnagel, 1766)

BORDERED SALLOW

9407 [2394]. *Stilbia anomala* (Haworth, 1812)

ANOMALOUS

9417 [2387]. *Caradrina morpheus* (Hufnagel, 1766)

MOTTLED RUSTIC

9433 [2389]. *Caradrina clavipalpis* (Scopoli, 1763)

Synonym *Paradrina clavipalpis* (Scopoli, 1763)

PALE MOTTLED WILLOW

9449 [2381]. *Hoplodrina octogenaria* (Goeze, 1781)

Synonym *Hoplodrina alsines* (Brahm, 1791)

UNCERTAIN

9450 [2382]. *Hoplodrina blanda* ([Denis and Schiffermüller], 1775)

RUSTIC

9454 [2384]. *Hoplodrina ambigua* ([Denis and Schiffermüller], 1775)

VINE'S RUSTIC

9456 [2380]. *Charanyca trigrammica* (Hufnagel, 1766)

TREBLE LINES

9460 [2385]. *Spodoptera exigua* (Hübner, 1808)

SMALL MOTTLED WILLOW

***9461 [2386c].** *Spodoptera cilium* Guenée, 1852

DARK MOTTLED WILLOW

9471 [2391]. *Chilodes maritima* (Tauscher, 1806)

SILKY WAINSCOT

9483 [2302]. *Charanyca ferruginea* (Esper, 1785)

Synonym *Rusina ferruginea* (Esper, 1785)

BROWN RUSTIC

9490 [2300]. *Mormo maura* (Linnaeus, 1758)

OLD LADY

9496 [2303]. *Thalpophila matura* (Hufnagel, 1766)

STRAW UNDERWING

9503 [2305]. *Euplexia lucipara* (Linnaeus, 1758)

SMALL ANGLE SHADES

9505 [2306]. *Phlogophora meticulosa* (Linnaeus, 1758)

ANGLE SHADES

9508 [2320]. *Hyppa rectilinea* (Esper, 1788)

SAXON

9528 [2312]. *Ipimorpha subtusa* ([Denis and Schiffermüller], 1775)

OLIVE

***9531 [2313].** *Enargia paleacea* (Esper, 1788)

ANGLE-STRIPED SALLOW

9536 [2268]. *Parastichtis suspecta* (Hübner, [1817])

SUSPECTED

9537 [2314]. *Apterogenum ypsillon* ([Denis and Schiffermüller], 1775)

Synonym *Parastichtis ypsillon* ([Denis and Schiffermüller], 1775)

DINGY SHEARS

9548 [2316]. *Cosmia affinis* (Linnaeus, 1767)

LESSER-SPOTTED PINION

9550 [2318]. *Cosmia trapezina* (Linnaeus, 1758)

DUN-BAR

9552 [2269]. *Atethmia centrigo* (Haworth, 1809)

CENTRE-BARRED SALLOW

9556 [2273]. *Xanthia togata* (Esper, 1788)

PINK-BARRED SALLOW

9559 [2274]. *Xanthia icteritia* (Hufnagel, 1766)

SALLOW

***9562 [2271].** *Tiliacea citrigo* (Linnaeus, 1758)

Synonym *Xanthia citrigo* (Linnaeus, 1758)

ORANGE SALLOW

9565 [2267]. *Agrochola lychnidis* ([Denis and Schiffermüller], 1775)

BEADED CHESTNUT

9566 [2262]. *Agrochola circellaris* (Hufnagel, 1766)

BRICK

9569 [2263]. *Agrochola lota* (Clerck, 1759)

RED-LINE QUAKER

9571 [2264]. *Agrochola macilenta* (Hübner, 1809)

YELLOW-LINE QUAKER

9575 [2265]. *Agrochola helvola* (Linnaeus, 1758)

FLOUNCED CHESTNUT

9586 [2266]. *Agrochola litura* (Linnaeus, 1758)

BROWN-SPOT PINION

9591 [2270]. *Agrochola lunosa* (Haworth, 1809)

Synonym *Omphaloscelis lunosa* (Haworth, 1809)

LUNAR UNDERWING

9596 [2256]. *Eupsilia transversa* (Hufnagel, 1766)

SATELLITE

9600 [2258]. *Conistra vaccinii* (Linnaeus, 1761)

CHESTNUT

9601 [2259]. *Conistra ligula* (Esper, 1791)

DARK CHESTNUT

9638 [2229]. *Dasypolia templi* (Thunberg, 1792)

BRINDLED OCHRE

9642 [2225]. *Brachylomia viminalis* (Fabricius, 1776)

MINOR SHOULDER-KNOT

9647 [2230]. *Aporophyla australis* (Boisduval, 1829)

ssp. *pascuea* (Humphreys and Westwood, 1843)

FEATHERED BRINDLE

9650 [2231a]. *Aporophyla lueneburgensis* (Freyer, 1848)

NORTHERN DEEP-BROWN DART

9651 [2232]. *Aporophyla nigra* (Haworth, 1809)

BLACK RUSTIC

***9657 [2235].** *Lithophane semibrunnea* (Haworth, 1809)

TAWNY PINION

9658 [2236]. *Lithophane socia* (Hufnagel, 1766)

PALE PINION

9660 [2237]. *Lithophane ornitopus* (Hufnagel, 1766)

ssp. *lactipennis* (Dadd, 1911)

GREY SHOULDER-KNOT

***9664 [2240].** *Lithophane leautieri* (Boisduval, 1829)

ssp. *hesperica* Boursin, 1957

BLAIR'S SHOULDER-KNOT

9670 [2241]. *Xylena vetusta* (Hübner, [1813])

RED SWORD-GRASS

9671 [2242]. *Xylena exsoleta* (Linnaeus, 1758)

SWORD-GRASS

9676 [2243]. *Xylocampa areola* (Esper, 1789)

EARLY GREY

9682 [2245]. *Allophytes oxyacanthae* (Linnaeus, 1758)

GREEN-BRINDLED CRESCENT

9694 [2247]. *Griposia aprilina* (Linnaeus, 1758)

Synonym *Dichonia aprilina* (Linnaeus, 1758)

MERVEILLE DU JOUR

9699 [2248]. *Dryobotodes eremita* (Fabricius, 1775)

BRINDLED GREEN

9706 [2254]. *Antitype chi* (Linnaeus, 1758)

GREY CHI

9721 [2253]. *Polymixis xanthomista* (Hübner, [1819])

ssp. *statices* (Gregson, 1869)

BLACK-BANDED

9724 [2255]. *Polymixis lichenea* (Hübner, [1813])

ssp. *lichenea* (Hübner, [1813])

FEATHERED RANUNCULUS

9741 [2250]. *Mniotype adusta* (Esper, 1790)

DARK BROCADE

9748 [2321]. *Apamea monoglypha* (Hufnagel, 1766)

DARK ARCHES

9752 [2322]. *Apamea lithoxylaea* ([Denis and Schiffermüller], 1775)

LIGHT ARCHES

9753 [2323]. *Apamea sublustris* (Esper, 1788)

REDDISH LIGHT ARCHES

9755 [2326]. *Apamea crenata* (Hufnagel, 1766)

CLOUDED-BORDERED BRINDLE

9756 [2327]. *Apamea epomidion* (Haworth, 1809)

CLOUDED BRINDLE

9759 [2329]. *Apamea furva* ([Denis and Schiffermüller], 1775)

ssp. *britannica* Cockayne, 1950

CONFUSED

9765 [2325]. *Apamea oblonga* (Haworth, 1809)

CRESCENT STRIPED

9766 [2330]. *Apamea remissa* (Hübner, 1809)

DUSKY BROCADE

9767 [2331]. *Apamea unanimitis* (Hübner, [1813])

SMALL CLOUDED BRINDLE

9770 [2333]. *Apamea anceps* ([Denis and Schiffermüller], 1775)

LARGE NUTMEG

9771 [2334]. *Apamea sordens* (Hufnagel, 1766)

RUSTIC SHOULDER-KNOT

9774 [2335]. *Apamea scolopacina* (Esper, 1788)

SLENDER BRINDLE

9775 [2336]. *Lateroligia ophiogramma* (Esper, 1794)

Synonym *Apamea ophiogramma* (Esper, 1794)

DOUBLE LOBED

9780 [2337]. *Oligia strigilis* (Linnaeus, 1758)

MARbled MINOR

9781 [2338]. *Oligia versicolor* (Borkhausen, 1792)

RUFous MINOR

9782 [2339]. *Oligia latruncula* ([Denis and Schiffermüller], 1775)

TAWNY MARbled MINOR

9784 [2340]. *Oligia fasciuncula* (Haworth, 1809)

MIDDLE-BARRED MINOR

9786 [2341]. *Mesoligia furuncula* ([Denis and Schiffermüller], 1775)

CLOAKED MINOR

9787 [2342]. *Litoligia literosa* (Haworth, 1809)

Synonym *Mesoligia literosa* (Haworth, 1809)

ROSY MINOR

9789 [2343]. *Mesapamea secalis* (Linnaeus, 1758)

Synonym *Mesapamea didyma* (Esper, 1788)

COMMON RUSTIC

9790 [2343a]. *Mesapamea secalella* Remm, 1983

Mesapamea didyma misidentification

LESSER COMMON RUSTIC

9794 [2344]. *Photodes captiuncula* (Treitschke, 1825)

ssp. *tincta* (Kane, 1895)

LEAST MINOR

9795 [2345]. *Photodes minima* (Haworth, 1809)

SMALL DOTTED BUFF

9876 [2350]. *Denticucullus pygmina* (Haworth, 1809)

Synonym *Chortodes pygmina* (Haworth, 1809)

SMALL WAINSCOT

9801 [2353]. *Luperina testacea* ([Denis and Schiffermüller], 1775)

FLOUNCED RUSTIC

9803 [2354]. *Luperina nickerlii* (Freyer, 1845)

ssp. *knilli* Boursin, 1964

SANDHILL RUSTIC

9814 [2375]. *Rhizedra lutosa* (Hübner, 1803)

LARGE WAINSCOT

9828 [2360]. *Amphipoea oculea* (Linnaeus, 1761)

EAR MOTH

9829 [2358]. *Amphipoea fucosa* (Freyer, 1830)

ssp. *paludis* (Tutt, 1888)

SALTERN EAR

9831 [2357]. *Amphipoea lucens* (Freyer, 1845)

LARGE EAR

9832 [2359]. *Amphipoea crinanensis* (Burrows, 1908)

CRINAN EAR

9834 [2361]. *Hydraecia micacea* (Esper, 1789)

ROSY RUSTIC

9841 [2364]. *Gortyna flavago* ([Denis and Schiffermüller], 1775)

FROSTED ORANGE

9848 [2366]. *Calamia tridens* (Hufnagel, 1766)

ssp. *occidentalis* Cockayne, 1954

BURREN GREEN

9856 [2367]. *Celaena haworthii* (Curtis, 1829)

HAWORTH'S MINOR

9857 [2368]. *Helotropha leucostigma* (Hübner, 1808)

Synonym *Celaena leucostigma* (Hübner, 1808)

ssp. *leucostigma* (Hübner, 1808)

CRESCENT

9859 [2369]. *Nonagria typhae* (Thunberg, 1784)

BULRUSH WAINSCOT

9864 [2370]. *Lenisa geminipuncta* (Haworth, 1809)

Synonym *Archanara geminipuncta* (Haworth, 1809)

TWIN-SPOTTED WAINSCOT

***9866 [2371].** *Archanara dissoluta* (Treitschke, 1825)

BROWN-VEINED WAINSCOT

9867 [2373]. *Globia sparganii* (Esper, 1790)

Synonym *Archanara sparganii* (Esper, 1790)

WEBB'S WAINSCOT

9868 [2374]. *Globia algae* (Esper, 1789)

Synonym *Archanara algae* (Esper, 1789)

RUSH WAINSCOT

9890 [2379]. *Coenobia rufa* (Haworth, 1809)

SMALL RUFOUS

9895 [2145]. *Anarta trifolii* (Hufnagel, 1766)

Synonym *Discestra trifolii* (Hufnagel, 1766)

NUTMEG

9907 [2142]. *Anarta myrtilli* (Linnaeus, 1761)

BEAUTIFUL YELLOW UNDERWING

9917 [2160]. *Lacanobia oleracea* (Linnaeus, 1758)

BRIGHT-LINE BROWN-EYE

9918 [2158]. *Lacanobia thalassina* (Hufnagel, 1766)

PALE-SHOULDERED BROCADE

9919 [2156]. *Lacanobia contigua* ([Denis and Schiffermüller], 1775)

BEAUTIFUL BROCADE

9920 [2159]. *Lacanobia suasa* ([Denis and Schiffermüller], 1775)

DOG'S TOOTH

9925 [2147]. *Hada plebeja* (Linnaeus, 1761)

SHEARS

9928 [2164]. *Hecatera bicolorata* (Hufnagel, 1766)

BROAD-BARRED WHITE

9933 [2173]. *Hadena bicruris* (Hufnagel, 1766)

LYCHNIS

9935 [2169]. *Conisania luteago* ([Denis and Schiffermüller], 1775)

Synonym *Hadena luteago* ([Denis and Schiffermüller], 1775)

ssp. *barrettii* (Doubleday, 1864)

BARRETT'S MARBLED CORONET

9940 [2171]. *Hadena confusa* (Hufnagel, 1766)

MARbled CORONET

9947 [2174]. *Hadena caesia* ([Denis and Schiffermüller], 1775)

ssp. *mananii* (Gregson, 1866)

GREY

9955 [2166]. *Sideridis rivularis* (Fabricius, 1775)

Synonym *Hadena rivularis* (Fabricius, 1775)

CAMPION

9957 [2167]. *Hadena perplexa* ([Denis and Schiffermüller], 1775)

ssp. *capsophila* (Duponchel, 1842)

POD LOVER

9969 [2152]. *Sideridis turbida* (Esper, 1790)

Synonym *Sideridis albicolon* (Hübner, [1813])

WHITE COLON

9972 [2153]. *Sideridis reticulata* (Goeze, 1781)

ssp. *hibernica* Cockayne, 1944

Synonym *Heliophobus reticulata* (Goeze, 1781)

BORDERED GOTHIC

9984 [2155]. *Melanchra persicariae* (Linnaeus, 1761)

DOT MOTH

9985 [2163]. *Ceramica pisi* (Linnaeus, 1758)

Synonym *Melanchra pisi* (Linnaeus, 1758)

BROOM MOTH

9987 [2154]. *Mamestra brassicae* (Linnaeus, 1758)

CABBAGE MOTH

9989 [2162]. *Papestra biren* (Goeze, 1781)

GLAUCOUS SHEARS

9991 [2148]. *Polia bombycina* (Hufnagel, 1766)

PALE SHINING BROWN

9993 [2150]. *Polia nebulosa* (Hufnagel, 1766)

GREY ARCHES

***9999 [2191].** *Mythimna turca* (Linnaeus, 1761)

DOUBLE LINE

10000 [2192]. *Mythimna conigera* ([Denis and Schiffermüller], 1775)

BROWN-LINE BRIGHT-EYE

10001 [2193]. *Mythimna ferrago* (Fabricius, 1787)

CLAY

10002 [2194]. *Mythimna albipuncta* ([Denis and Schiffermüller], 1775)

WHITE-POINT

10003 [2195]. *Mythimna vitellina* (Hübner, 1808)

DELICATE

10004 [2196]. *Mythimna pudorina* ([Denis and Schiffermüller], 1775)

STRIPED WAINSCOT

10005 [2197]. *Mythimna straminea* (Treitschke, 1825)

SOUTHERN WAINSCOT

10006 [2198]. *Mythimna impura* (Hübner, 1808)

SMOKY WAINSCOT

10007 [2199]. *Mythimna pallens* (Linnaeus, 1758)

COMMON WAINSCOT

10011 [2205]. *Leucania comma* (Linnaeus, 1761)

Synonym *Mythimna comma* (Linnaeus, 1761)

SHOULDER-STRIPED WAINSCOT

10021 [2201]. *Mythimna litoralis* (Curtis, 1827)

SHORE WAINSCOT

***10022 [2202].** *Mythimna l-album* (Linnaeus, 1767)

L-ALBUM WAINSCOT

10035 [2203]. *Mythimna unipuncta* (Haworth, 1809)

WHITE-SPECK

10034 [2208]. *Leucania loreyi* (Duponchel, 1827)

Synonym *Mythimna loreyi* (Duponchel, 1827)

COSMOPOLITAN

10037 [2188]. *Orthosia incerta* (Hufnagel, 1766)

CLOUDED DRAB

10038 [2190]. *Orthosia gothica* (Linnaeus, 1758)

HEBREW CHARACTER

10039 [2182]. *Orthosia cruda* ([Denis and Schiffermüller], 1775)

SMALL QUAKER

10041 [2183]. *Orthosia miniosa* ([Denis and Schiffermüller], 1775)

BLOSSOM UNDERWING

10042 [2184]. *Orthosia opima* (Hübner, 1809)

NORTHERN DRAB

10043 [2185]. *Orthosia populeti* (Fabricius, 1781)

LEAD-COLOURED DRAB

10044 [2187]. *Orthosia cerasi* (Fabricius, 1775)

COMMON QUAKER

10048 [2186]. *Orthosia gracilis* ([Denis and Schiffermüller], 1775)

POWDERED QUAKER

10050 [2189]. *Anorthoa munda* ([Denis and Schiffermüller], 1775)

Synonym *Orthosia munda* ([Denis and Schiffermüller], 1775)

TWIN-SPOTTED QUAKER

10052 [2179]. *Panolis flammea* ([Denis and Schiffermüller], 1775)

PINE BEAUTY

10062 [2176]. *Cerapteryx graminis* (Linnaeus, 1758)

ANTLER MOTH

10064 [2177]. *Tholera cespitis* ([Denis and Schiffermüller], 1775)

HEDGE RUSTIC

10065 [2178]. *Tholera decimalis* (Poda, 1761)

FEATHERED GOTHIC

10082 [2098]. *Axylia putris* (Linnaeus, 1761)

FLAME

10086 [2102]. *Ochropleura plecta* (Linnaeus, 1761)

FLAME-SHOULDER

10089 [2120]. *Diarsia mendica* (Fabricius, 1775)

ssp. *mendica* (Fabricius, 1775)

INGRAILED CLAY

10090 [2121]. *Diarsia dahlia* (Hübner, [1813])

BARRED CHESTNUT

10092 [2122]. *Diarsia brunnea* ([Denis and Schiffermüller], 1775)

PURPLE CLAY

10093 [2123]. *Diarsia rubi* (Vieweg, 1790)

SMALL SQUARE-SPOT

10096 [2107]. *Noctua pronuba* (Linnaeus, 1758)

LARGE YELLOW UNDERWING

10099 [2109]. *Noctua comes* (Hübner, [1813])

LESSER YELLOW UNDERWING

10100 [2110]. *Noctua fimbriata* (Schreber, 1759)

BROAD-BORDERED YELLOW UNDERWING

10103 [2111]. *Noctua janthe* (Borkhausen, 1792)

LESSER BROAD-BORDERED YELLOW UNDERWING

10105 [2112]. *Noctua interjecta* Hübner, 1803

ssp. *caliginosa* Schawerda, 1919

LEAST YELLOW UNDERWING

10113 [2118]. *Lycophotia porphyrea* ([Denis and Schiffermüller], 1775)

TRUE-LOVER'S KNOT

10139 [2105]. *Rhyacia simulans* (Hufnagel, 1766)

DOTTED RUSTIC

10153 [2104]. *Standfussiana lucernea* (Linnaeus, 1758)

NORTHERN RUSTIC

10156 [2117]. *Eugnorisma glareosa* (Esper, 1788)

AUTUMNAL RUSTIC

10161 [2137]. *Eurois occulta* (Linnaeus, 1758)

GREAT BROCADE

10171 [2114]. *Graphiphora augur* (Fabricius, 1775)

DOUBLE DART

10194 [2125]. *Xestia alpicola* (Zetterstedt, 1839)

ssp. *alpina* (Humphreys and Westwood, 1843)

NORTHERN DART

10199 [2126]. *Xestia c-nigrum* (Linnaeus, 1758)

SETACEOUS HEBREW CHARACTER

10200 [2127]. *Xestia ditrapezium* ([Denis and Schiffermüller], 1775)

TRIPLE-SPOTTED CLAY

10201 [2128]. *Xestia triangulum* (Hufnagel, 1766)

DOUBLE SQUARE-SPOT

10204 [2130]. *Xestia baja* ([Denis and Schiffermüller], 1775)

DOTTED CLAY

10207 [2132]. *Xestia castanea* (Esper, 1798)

NEGLECTED RUSTIC

10211 [2133]. *Xestia sexstrigata* (Haworth, 1809)

SIX-STRIPED RUSTIC

10212 [2134]. *Xestia xanthographa* ([Denis and Schiffermüller], 1775)

SQUARE-SPOT RUSTIC

10216 [2135]. *Xestia agathina* (Duponchel, 1827)

ssp. *agathina* (Duponchel, 1827)

HEATH RUSTIC

10224 [2139]. *Cerastis rubricosa* ([Denis and Schiffermüller], 1775)

RED CHESTNUT

10228 [2136]. *Naenia typica* (Linnaeus, 1758)

GOTHIC

10232 [2138]. *Anaplectoides prasina* ([Denis and Schiffermüller], 1775)

GREEN ARCHES

10238 [2119]. *Peridroma saucia* (Hübner, 1808)

PEARLY UNDERWING

10244 [2099]. *Actebia praecox* (Linnaeus, 1758)

PORTLAND MOTH

10275 [2082]. *Euxoa nigricans* (Linnaeus, 1761)

GARDEN DART

10280 [2081]. *Euxoa tritici* (Linnaeus, 1761)

?Synonym *Euxoa nigrofusca* (Esper, 1788)

WHITE-LINE DART

10282 [2080]. *Euxoa obelisca* ([Denis and Schiffermüller], 1775)

ssp. *grisea* (Tutt, 1902)

SQUARE-SPOT DART

10284 [2083]. *Euxoa cursoria* (Hufnagel, 1766)

COAST DART

10336 [2094]. *Agrotis bigramma* (Esper, 1790)

Synonym *Agrotis crassa* (Hübner, 1803)

GREAT DART

10338 [2093]. *Agrotis ripae* Hübner, 1823

SAND DART

10343 [2092]. *Agrotis puta* (Hübner, 1803)

ssp. *puta* (Hübner, 1803)

SHUTTLE-SHAPED DART

10346 [2091]. *Agrotis ipsilon* (Hufnagel, 1766)

DARK SWORD-GRASS

10347 [2090]. *Agrotis trux* (Hübner, 1824)

CRESCENT DART

10348 [2089]. *Agrotis exclamationis* (Linnaeus, 1758)

HEART AND DART

10350 [2088]. *Agrotis clavis* (Hufnagel, 1766)

HEART AND CLUB

10351 [2087]. *Agrotis segetum* (Denis and Schiffermüller, 1775)

TURNIP MOTH

10356 [2085]. *Agrotis vestigialis* (Hufnagel, 1766)

ARCHER'S DART

10360 [2084]. *Agrotis cinerea* ([Denis and Schiffermüller], 1775)

ssp. *lunigera* Stephens, 1829

LIGHT FEATHERED RUSTIC

10372 [2425]. *Colocasia coryli* (Linnaeus, 1758)

NUT-TREE TUSSOCK

NOLIDAE

10429 [2078]. *Nola confusalis* (Herrich-Schäffer, 1847)

LEAST BLACK ARCHES

10441 [2423]. *Nycteola revayana* (Scopoli, 1772)

OAK NYCTEOLINE

10451 [2422]. *Pseudoips prasinana* (Linnaeus, 1758)

ssp. *britannica* Warren, 1913

GREEN SILVER-LINES

10456 [2418]. *Earias clorana* (Linnaeus, 1761)

CREAM-BORDERED GREEN PEA

CTENUCHIDAE

A [not allocated] [.....]. *Antichloris steinbachi* Rothschild, 1909 (Importation)

A [not allocated] [2074a]. *Antichloris eriphia* (Fabricius, 1777) (Importation)

EREBIDAE

[including former ARCTIIDAE and LYMANTRIIDAE]

10375 [2033]. *Lymantria monacha* (Linnaeus, 1758)

BLACK ARCHES

***10376 [2034].** *Lymantria dispar* (Linnaeus, 1758)

GYPSY MOTH

10387 [2028]. *Calliteara pudibunda* (Linnaeus, 1758)

PALE TUSOCK

10392 [2027]. *Dicallomera fascelina* (Linnaeus, 1758)

DARK TUSOCK

10397 [2026]. *Orgyia antiqua* (Linnaeus, 1758)

VAPOURER

10406 [2030]. *Euproctis similis* (Fuessly, 1775)

YELLOW-TAIL

10414 [2031]. *Leucoma salicis* (Linnaeus, 1758)

WHITE SATIN MOTH

10464 [2038]. *Nudaria mundana* (Linnaeus, 1761)

MUSLIN FOOTMAN

10466 [2035]. *Thumatha senex* (Hübner, 1808)

ROUND-WINGED MUSLIN

10475 [2037]. *Miltochrista miniata* (Forster, 1771)

ROSY FOOTMAN

10477 [2040]. *Cybosia mesomella* (Linnaeus, 1758)

FOUR-DOTTED FOOTMAN

10483 [2039]. *Atolmis rubricollis* (Linnaeus, 1758)

RED-NECKED FOOTMAN

10485 [2051]. *Lithosia quadra* (Linnaeus, 1758)

FOUR-SPOTTED FOOTMAN

10487 [2049]. *Eilema depressa* (Esper, 1787)

BUFF FOOTMAN

10488 [2044]. *Eilema griseola* (Hübner, 1803)

DINGY FOOTMEN

10489 [2050]. *Eilema lurideola* (Zincken, 1817)

COMMON FOOTMAN

10490 [2047]. *Eilema complana* (Linnaeus, 1758)

SCARCE FOOTMAN

10493 [2045]. *Eilema caniola* (Hübner, 1808)

HOARY FOOTMAN

***10499 [2043].** *Eilema sororcula* (Hufnagel, 1766)

ORANGE FOOTMAN

10509 [2036]. *Setina irrorella* (Linnaeus, 1758)

DEW MOTH

10535 [2054]. *Utetheisa pulchella* (Linnaeus, 1758)

CRIMSON SPECKLED

10550 [2064]. *Phragmatobia fuliginosa* (Linnaeus, 1758)

ssp. *fuliginosa* (Linnaeus, 1758)

RUBY TIGER

10557 [2056]. *Parasemia plantaginis* (Linnaeus, 1758)

ssp. *plantaginis* (Linnaeus, 1758)

WOOD TIGER

10566 [2061]. *Spilosoma lutea* (Hufnagel, 1766)

BUFF ERMINE

10567 [2060]. *Spilosoma lubricipeda* (Linnaeus, 1758)

WHITE ERMINE

10572 [2063]. *Diaphora mendica* (Clerck, 1759)

MUSLIN MOTH

10583 [2059]. *Diacrisia sannio* (Linnaeus, 1758)

CLOUDED BUFF

10598 [2057]. *Arctia caja* (Linnaeus, 1758)

GARDEN TIGER

10607 [2069]. *Tyria jacobaeae* (Linnaeus, 1758)

CINNABAR