

Notes on the 2020 Scottish Macro-moth List

This list aims to include every species of macro-moth reliably recorded in Scotland, with an assessment of its Scottish status, as guidance for observers contributing to the National Moth Recording Scheme (NMRS). It updates and amends the previous lists of 2009, 2011, 2012, 2013, 2014 & 2017. Names and classification follow the revised British checklist by Agassiz, Bevan & Heckford (2013). The requirement for inclusion is a minimum of one Scottish record considered to be beyond reasonable doubt. Plausible but unproven species are relegated to an appendix, awaiting confirmation or further records. A second appendix contains records of adventives where Scottish presence was considered to result solely from human transportation.

At one time or another, virtually every macro-moth on the British list has been reported from Scotland. Many claims are thought to be misidentifications or other errors, including name confusion. They are omitted from this checklist altogether, even if published records exist. Note that inclusion in the *Scottish Invertebrate Records Index (SIRI)* does not guarantee authenticity.

A modern complication involves the unwitting transportation of moths inside the traps of visiting lepidopterists. Then on the first night of their stay they record a species never seen before or since by the local observers. Various such instances are known or suspected, including three for my own vice-county of Banffshire. Surprising species found in visitors' traps the first time these are used in Scotland should be regarded with caution.

Clerical slips – the wrong scientific name scribbled in a notebook – have always caused confusion. Today, an even greater problem involves errors when computerising the data. These are beginning to outweigh misidentifications as the main cause of false records, a tribute to the advances that have been made in recent years with the help of modern field guides, websites and internet forums. Computer input errors are particularly prevalent when species are entered by a code number - transposed digits are inevitable sooner or later. Since there is no logic or pattern to such errors, they can be particularly dangerous. The 'experienced observer, unmistakable species' argument falls down here. When queried, a Scarce Burnished Brass claimed for Aberdeenshire in 2013 turned out to be a misentered code for Small Autumnal Moth. There have been many similar instances, particularly affecting the large Rothamsted Insect Survey (RIS) dataset.

Assessments of Scottish status have been revised where necessary to take account of range expansions or declines, and of increased knowledge. These assessments are necessarily brief. They also assume that suitable habitat for the species is present in an area. Note that wider UK designations apply in Scotland too. However, the overall GB distribution and abundance trends given in Randle *et al.* (2019) *Atlas of Britain & Ireland's Larger Moths* often conflict with the situation in Scotland, especially for species that are extending their range. Therefore, status and trends given in this list reflect a Scottish as opposed to a GB perspective. Geographical terms used are broad: S means south of the River Tay, while W and E divide the country roughly in two. For greater detail of distributions, consult the latest NMRS maps online, particularly those prepared by Mark Cubitt on the Butterfly Conservation East Scotland Branch website. On the same website, the totals used to create the flight histograms also give a good indication of regional abundance.

Unless stated, 1980 is used as a baseline for Scottish trends. Assessments should be considered provisional and to some extent subjective. Dramatic changes in distribution involving major range expansion or reduction are easy to document, but insidious changes in abundance are much harder to quantify. Population levels of a species may rise or fall considerably without having much effect on its distribution map. A further complication is the welcome growth in Scottish moth recording since the establishment of the NMRS, resulting in a great increase in records. As a result, the distribution maps in Heath & Emmet *MBGBI* 9 & 10 (1979 & 1983) show many fewer Scottish dots than do the present ones, irrespective of any change of status. Finally, the population numbers of most moths fluctuate annually or cyclically, but these changing fortunes do not necessarily imply any long-term trend. Such species are here described as stable unless there is evidence to the contrary.

Species added to the Scottish Macro-moths List since the 2017 revision

Blair's Mocha *Cyclophora puppillaria*, 05 Aug 2020, Harray, Orkney, VC111, per Sydney Gauld.

Migrant, deeply coloured and in good condition, found in house after light-trapping. Photo.

Waved Black *Parascotia fuliginaria*, 27 July 2019, Bo'ness foreshore, VC84, Mark Cubitt. Photo.

A totally unexpected record, during a period of remarkable immigration.

Twin-spotted Wainscot *Lenisa geminipuncta*, two, 05 Aug 2018, Kinnel Kerse, VC84, M Cubitt.

Cubitt (2019. *Ent. Rec.* 131: 59-61). Recent colonist, now spreading. Photos.

Blossom Underwing *Orthosia miniosa*, 10 Apr 2020, Newcastleton, VC80, Philip Hatton. Photo.

Light-trapped male in good condition, only 4km from the border with Cumbria.

Species promoted to the main list from Appendix A

Sharp-angled Carpet *Euphyia unangulata*, 23 July 2020, Glen More, Isle of Bute, VC100. R. Forrester

Light-trapped male, believed a stray, Forrester (2020, *Ent. Rec.* 132: 213-214). Photo.

Species demoted from the main list to Appendix A

Four-spotted *Tyta luctuosa*, specimen labelled Aberdeen 1908 but provenance is questionable.

Dark Dagger *Acronicta tridens*, Orkney records of gen-detted females now thought unconvincing.

Species promoted to the main list from Appendix B

Lime Hawk-moth *Mimas tiliae*, 27 May 2016, Renfrew, VC76, Pearl Tait per Norman Tait. Photo.

Mated pair on lime in urban park suspected as release; 2019 larval record now confirms residence.

Species added to Appendix B as adventive

Oak Processionary *Thaumetopoea processionea*, 2019. Live larvae or old skins were found on imported oak saplings at five Scottish sites: Inverness VC96, Brechin VC90, Dalgetty Bay VC85, Musselburgh VC83 and Glasgow VC77. The affected trees and larvae were destroyed. However, a moth was trapped on 14-15 Sept 2019 at Sighthill NS599670, Glasgow, VC77. None seen in 2020.

The main Scottish Macro-moth List now comprises 562 species, but 9 of these have not been seen for over 50 years and are presumed extinct here. Appendix B contains a further 9 confirmed species considered to be adventives. If anyone can provide convincing evidence for further additions, I would be very pleased to hear from them.

Selected recent Scottish records

Lime Hawk-moth *Mimas tiliae* larva, 13 Aug 2019, Jordanhill, Glasgow, VC77, per Richard Weddle.

Proof that this species is now resident in the Glasgow area.

Mallow *Larentia clavaria*, 09 Sept 2019, actinic light, Binning Wood, Dunbar, VC82, Katty Baird.

First Scottish record for 60 years. Baird (2020. *Ent. Rec.* 132: 110-111). Photo.

Mallow *L. clavaria*, larvae on Common Mallow, 31 May 2020, Whitekirk, VC82, Katty Baird.

Found by searching with torch at night. Photos.

Spinach *Eulithis mellinata*, 07 July 2020, Liberton, Edinburgh VC83. Geoff Morgan.

First proven Scottish record since 1996. Photo.

Devon Carpet *Lampropteryx otregiata*, 10 Aug 2020, W. Loch Tarbert, VC101, David Jardine. Photo.

Devon Carpet *L. otregiata*, 31 Aug 2020, Callander, VC87, per David Bryant. Photo.

These two records show that the rapid northward range expansion is continuing.

Sloe Pug *Pasiphila chloerata*, 20 June 2020, Callander, VC87, Mike Hawkins. Photo.

Only a handful of Scottish records, this being the furthest north. Overlooked?

Pimpinel Pug *Eupithecia pimpinellata*, 5 larvae found by day, Siccar Point, VC81, Katty Baird. Photos.

Easiest recorded as larvae on Burnet Saxifrage seedheads. Baird (2020. *Ent. Rec.* 132: 302-303).

Plain Pug *E. simplicata*, 22 July 2020, St. Margaret's Marsh, VC85, Nigel Voaden. Photo.

Swallow-tailed *Ourapteryx sambucaria*, 26 July 2019, Stromness, Orkney. Photo.

White Satin Moth *Leucoma salicis*, male, 02 Aug 2019, Tentsmuir, VC85, Nigel Voaden. Photo.

Clearly part of the exceptional immigration during late July and early August 2019.

Water Ermine *Spilosoma urticae* two (!), 01 June 2018, South Mainland, Shetland, Paul Harvey.

The 2nd & 3rd Scottish records, both males at MV, following the first on Fair Isle in 2002. Photos.

Crimson Speckled *Utetheisa pulchella*, 28 Feb 2019, Islay VC102, per David Hill. Photo.

Found at rest on a juniper bush by day. Only the third Scottish record, and a surprising date.

Four-spotted Footman *Lithosia quadra*, 31 July, 02 Aug (two), 03 Aug 2019, Bute VC100, Glyn Collis.

Four-spotted Footman *L. quadra*, 20 July 2019, Kilmartin, VC98, David Jardine. Photo.

All were males, again associated with the immigration event. Only four previous Scottish records.

Red-necked Footman *Atolmis rubricollis* 5 larvae, 03 Oct 2019, Nigg Bay, VC106, Nigel Richards.

Most northerly proof of breeding. Richards (2020. *Atropos* 67: 46-47). Photos.

Dingy Footman *Eilema griseola*, 13 Sept 2020, Nethy Bridge, VC95, Peter Gordon. Photo.

Northwards range expansion continues.

Fan-foot *Herminia tarsipennalis*, 15 July 2020, Buckie, VC94, R. Suddaby. Photo. Furthest north.

Marsh Oblique-barred *Hypenodes humidalis* five, 08 July 2018, Burntisland, VC85, Nigel Voaden.

New for Fife. Previously strictly western in Scotland, but now spreading east. Photo.

Blackneck *Lygephila pastinum*, by day, 13 July 2020, Troon VC75, per Gill Smart. First for SW. Photo.

First for the SW, doubtless part of the northwards range expansion via Cumbria, not from VC81.

Golden Twin-spot *Chrysodeixis chalcites* adventive adult, 20 Nov 2018, Denholm, VC80, per N. Cook.

Inside house, in very fresh condition. *C. eriosoma* considered but rejected. Photo.

Bordered Sallow *Pyrrhia umbra*, 24 June 2020, Findhorn, Moray, VC95, R.S.Cocks. Photo.

Bordered Sallow *P. umbra*, 09 July 2018, Ardvaser, Skye, VC104, Lysana Robinson. Photo.

Apparent northwards spread in east and west.

Crescent Striped *Apamea oblonga*, 01 Aug 2019, South Ronaldsay, Orkney, S. Sankey. Photo.

Only the second verified Scottish record, lending credence to older Shetland claims. Note date.

Grey Shoulder-knot *Lithophane ornitopus*, 23 Mar 2019, RSPB Mersehead, VC73, per James Silvey.

Found resting on a fencepost by volunteers. The second Scottish record. Photo.

All the above records were backed up by photographs, as is now the norm. In some cases the moth was only identified from the photo, while other claims would doubtless have been regarded as unproven without this evidence. The digital camera has revolutionised moth recording in recent years. Many of the above images can be viewed in the Scottish digital vault.

Acknowledgements

I am grateful to all the observers and CMRs who responded so willingly to my endless queries or requests for information, then gave permission to use it. The task of producing this list was made very much easier by the flight histograms, distribution and abundance maps for Scottish species created by Mark Cubitt, using the latest NMRS data. The digital vault for voucher photos, also set up by Mark, helped to confirm identifications were correct. Both facilities are available on the Butterfly Conservation East Scotland Branch website. The Scottish Moths Forum keeps everyone in touch (especially important during lockdowns) and provides a quick, reliable identification service. Compiling the first Scottish macro-moths list in 2008 involved a fair amount of guesswork. Today, we have increasingly solid data, thanks to the efforts of all involved in moth recording.

Roy Leverton 17 January 2021

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|----------------------------------|--------|-------------------------------------|---------------------|---|--|
| Orange Swift | 3.001 | <i>Triodia sylvina</i> | Common | Widespread but local | stable |
| Common Swift | 3.002 | <i>Korscheltellus lupulina</i> | Common | Common S, scarce or absent N | stable |
| Map-winged Swift | 3.003 | <i>Korscheltellus fusconebulosa</i> | Local | Common | stable |
| Gold Swift | 3.004 | <i>Phymatopus hecta</i> | Local | Common | stable |
| Ghost Moth | 3.005 | <i>Hepialus humuli</i> | Common | Common | stable |
| Goat Moth | 50.001 | <i>Cossus cossus</i> | Nb | Scarce and very local, mainly Highlands | stable? |
| Lunar Hornet Moth | 52.003 | <i>Sesia bembeciformis</i> | Common | Widespread but overlooked before pheromone lure | local declines due to G.S. Woodpecker predation? |
| Welsh Clearwing | 52.005 | <i>Synanthedon scoliaeformis</i> | RDB | Very local in Highlands | stable |
| Large Red-belted Clearwing | 52.007 | <i>Synanthedon culiciformis</i> | Nb | Widespread but overlooked? | stable |
| Red-tipped Clearwing | 52.008 | <i>Synanthedon formicaeformis</i> | Nb | Dumfries & Galloway, last seen in 1942 | extinct, or overlooked? |
| Currant Clearwing | 52.013 | <i>Synanthedon tipuliformis</i> | Nb | SE only? Still present in VC80 in 2015 | always scarce, but major decline |
| Thrift Clearwing | 52.016 | <i>Pyropteron muscaeformis</i> | Nb | SW & NE coasts, very local | stable |
| Forester | 54.002 | <i>Adscita statures</i> | Local | Very local, W and SW | stable? |
| Transparent Burnet | 54.004 | <i>Zygaena purpuralis</i> | Na | Very local, west Highlands | stable |
| Slender Scotch Burnet | 54.005 | <i>Zygaena loti</i> | RDB | Mull only | stable, maybe increase due to habitat management |
| Mountain Burnet | 54.006 | <i>Zygaena exulans</i> | RDB | Very local, VC92 | stable |
| New Forest Burnet | 54.007 | <i>Zygaena viciae</i> | RDB, protected | Very local, W coast | fluctuates |
| Six-spot Burnet | 54.008 | <i>Zygaena filipendulae</i> | Common | Common but mainly coastal | range expansion NW, also inland |
| Narrow-bordered Five-spot Burnet | 54.009 | <i>Zygaena loniceriae</i> | Common | SE, spreading; VC73; ssp. <i>jocelynae</i> on Skye RDB | major range expansion in SE |
| Scalloped Hook-tip | 65.001 | <i>Falcaria lacertinaria</i> | Common | Widespread, especially Highlands | stable |
| Oak Hook-tip | 65.002 | <i>Watsonalla binaria</i> | Common | Scarce, extreme SW | recent arrival? |
| Pebble Hook-tip | 65.005 | <i>Drepana falcataria</i> | Common | Widespread but local | stable |
| Chinese Character | 65.007 | <i>Cilix glaucata</i> | Common | SW & SE only | small range expansion in SW |
| Peach Blossom | 65.008 | <i>Thyatira batis</i> | Common | Common | stable |
| Buff Arches | 65.009 | <i>Habrosyne pyritoides</i> | Common | Scarce and thinly spread, SW & SE | range expansion in SE |
| Figure of Eighty | 65.010 | <i>Tethea ocellaris</i> | Common | SW & SE | major range expansion in SE |
| Poplar Lutestring | 65.011 | <i>Tethea or</i> | Local | Widespread, Highlands | stable |
| Satin Lutestring | 65.012 | <i>Tetheella fluctuosa</i> | Local | Local, Great Glen and adjacent areas | increase? |
| Common Lutestring | 65.013 | <i>Ochropacha duplaris</i> | Common | Common | stable |
| Yellow Horned | 65.016 | <i>Achyla flavicornis</i> | Common | Common | stable |
| December Moth | 66.001 | <i>Poecilocampa populi</i> | Common | Common | stable |
| Pale Eggar | 66.002 | <i>Trichiura crataegi</i> | Common | Widespread | decline in numbers? |
| Small Eggar | 66.005 | <i>Eriogaster lanestrus</i> | Nb | Extinct, previously in SW & SE | long extinct |
| Northern Eggar | 66.007 | <i>Lasiocampa quercus callunae</i> | Common | Common | stable |
| Fox Moth | 66.008 | <i>Macrothylacia rubi</i> | Common | Common | stable |
| Pine-tree Lappet | 66.009 | <i>Dendrolimus pini</i> | Common | Very local, near Inverness | stable |
| Drinker | 66.010 | <i>Euthrix potatoria</i> | Common | Common W, absent E except Berwickshire coast | stable |
| Kentish Glory | 67.001 | <i>Endromis versicolora</i> | Na | Very local, Highlands | some decline? |
| Emperor Moth | 68.001 | <i>Saturnia pavonia</i> | Common | Common | stable |
| Lime Hawk-moth | 69.001 | <i>Mimas tiliiae</i> | Common | Very local, Glasgow area | recent arrival |
| Eyed Hawk-moth | 69.002 | <i>Smerinthus ocellata</i> | Common | Scarce SW, though known there since 1860 | probable decline |
| Poplar Hawk-moth | 69.003 | <i>Laotea populi</i> | Common | Common | stable |
| Convolvulus Hawk-moth | 69.004 | <i>Agrilus convolvuli</i> | Immigrant | Scarce immigrant | more frequent |
| Death's-head Hawk-moth | 69.005 | <i>Acherontia atropos</i> | Immigrant | Rare immigrant | less frequent |
| Pine Hawk-moth | 69.007 | <i>Sphinx pinastri</i> | Local | Plausible old records: Mull larva 1860, Aberdeen (2) 1928 | not applicable |
| Narrow-bordered Bee Hawk-moth | 69.008 | <i>Hemaris tityus</i> | Nb | Widespread in Highlands, esp. W coast & Speyside | major recovery after earlier decline |
| Humming-bird Hawk-moth | 69.010 | <i>Macroglossum stellatarum</i> | Immigrant | Regular immigrant, has bred | more frequent |
| Oleander Hawk-moth | 69.011 | <i>Daphnis nerii</i> | Immigrant | Very rare immigrant, last VC86 in 2014 | no change |
| Bedstraw Hawk-moth | 69.014 | <i>Hyles gallii</i> | Imm, trans resident | Immigrant, esp. to Northern Isles. Has bred. | more frequent |
| Striped Hawk-moth | 69.015 | <i>Hyles livornica</i> | Immigrant | Rare immigrant | no change |
| Elephant Hawk-moth | 69.016 | <i>Deilephila elpenor</i> | Common | Common | expansion N and increase |
| Small Elephant Hawk-moth | 69.017 | <i>Deilephila porcellus</i> | Local | Widespread, mainly eastern | increase in numbers and distribution |
| Silver-striped Hawk-moth | 69.018 | <i>Hippotion celerio</i> | Immigrant | Very rare immigrant, last VC101 in 2010 | no change |
| Small Dusty Wave | 70.008 | <i>Idaea seriata</i> | Common | Widespread in E, strangely absent W | increase? |
| Satin Wave | 70.009 | <i>Idaea subsericeata</i> | Common | Scarce, Dumfries & Galloway; specimens confirmed | stable? |
| Single-dotted Wave | 70.011 | <i>Idaea dimidiata</i> | Common | Widespread in S, mainly coastal. | increase? |
| Small Fan-footed Wave | 70.013 | <i>Idaea biselata</i> | Common | Common | stable |
| Riband Wave | 70.016 | <i>Idaea aversata</i> | Common | Common | stable |
| Plain Wave | 70.018 | <i>Idaea straminata</i> | Local | Widespread, mainly Highlands | stable |
| Mullein Wave | 70.023 | <i>Scopula marginepunctata</i> | Local | Scarce, Dumfries & Galloway | stable |
| Lesser Cream Wave | 70.025 | <i>Scopula immutata</i> | Local | Scarce and local, SW | colonist, slow spread |
| Smoky Wave | 70.026 | <i>Scopula ternata</i> | Local | Common, mainly western and Highlands | perhaps a decline |
| Cream Wave | 70.027 | <i>Scopula floslactata</i> | Local | Widespread in W, absent E | stable |
| Blood-vein | 70.029 | <i>Timandra comae</i> | Common | Scarce stray or immigrant, mainly to Northern Isles | no change |
| Birch Mocha | 70.032 | <i>Cyclophora albipunctata</i> | Local | Widespread Highlands, scarce or stray S | stable |
| Blair's Mocha | 70.033 | <i>Cyclophora pupillararia</i> | Immigrant, colonist | Very rare migrant: Orkney one in 2020 | not applicable |
| Maiden's Blush | 70.036 | <i>Cyclophora punctaria</i> | Local | VC95 in 1984, then one in 2020 | historical decline, still hangs on in Moray? |
| Clay Triple-lines | 70.037 | <i>Cyclophora linearia</i> | Local | First in 2011, VC73; more SW records since | recent colonist, increasing |
| Vestal | 70.038 | <i>Rhodometra sacraria</i> | Immigrant | Immigrant, infrequent | no change? |
| Lead Belle | 70.040 | <i>Scotopteryx mucronata</i> | Local | Local, in Central Highlands only? | stable? |
| July Belle | 70.041 | <i>Scotopteryx luridata</i> | Common | Widespread, mainly eastern or coastal | stable |
| Shaded Broad-bar | 70.045 | <i>Scotopteryx chenopodiata</i> | Common | Common, except in W | stable |
| Oblique Carpet | 70.046 | <i>Orthonama vittata</i> | Local | Widespread, but local and infrequent | decline? |
| Gem | 70.047 | <i>Nycterosea obstipata</i> | Immigrant | Immigrant, infrequent | more frequent? |
| Red Carpet | 70.048 | <i>Xanthorhoe decoloraria</i> | Common, N,W | Common | major decline in numbers on lower ground |
| Garden Carpet | 70.049 | <i>Xanthorhoe fluctuata</i> | Common | Common | stable |
| Red Twin-spot Carpet | 70.051 | <i>Xanthorhoe spadicearia</i> | Common | Common | stable |
| Dark-barred Twin-spot Carpet | 70.052 | <i>Xanthorhoe ferrugata</i> | Common | Common in W, scarce or absent in E | stable |
| Flame Carpet | 70.053 | <i>Xanthorhoe designata</i> | Common | Common | probable increase |
| Silver-ground Carpet | 70.054 | <i>Xanthorhoe montanata</i> | Common | Abundant | stable |
| Large Twin-spot Carpet | 70.055 | <i>Xanthorhoe quadrifasiata</i> | Local | One in VC84 in 2014, status unknown | recent colonist to SE, increasing |
| Royal Mantle | 70.056 | <i>Catarhoe cuculata</i> | Local | Very local and scarce, E central | decline, present status uncertain |
| Yellow Shell | 70.059 | <i>Camptogramma bilineata</i> | Common | Common, especially near coast | stable |
| Small Argent and Sable | 70.060 | <i>Epirrhoe tristata</i> | Common, N,W | Common, mainly Western, but also Borders | stable |
| Common Carpet | 70.061 | <i>Epirrita alternata</i> | Common | Common | stable |
| Galium Carpet | 70.063 | <i>Epirrita galiata</i> | Local | Scattered and scarce, on limestone or basic rocks | declining |
| Cloaked Carpet | 70.064 | <i>Euphyia biangulata</i> | Nb | Dumfries & Galloway, local and scarce | stable |
| Sharp-angled Carpet | 70.065 | <i>Euphyia unangulata</i> | Local | One confirmed in VC100 in 2020 | stray? |
| Shoulder Stripe | 70.066 | <i>Earophila badiata</i> | Common | Widespread, but scarce in W | stable |
| Streamer | 70.067 | <i>Anticlea derivata</i> | Common | Common | stable |
| Beautiful Carpet | 70.068 | <i>Mesoleuca albicillata</i> | Common | Widespread, but low density | increase and spread |
| Dark Spinach | 70.069 | <i>Pelurga comitata</i> | Common | Widespread but scarce, probably migratory | erratic |
| Mallow | 70.070 | <i>Larentia clavaria</i> | Common | Refound 2019 resident in VC82; historical records in SW | uncertain, maybe overlooked |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|--------------------------|--------|---------------------------|-----------------|--|---|
| Yellow-ringed Carpet | 70.071 | Entephria flavicinctata | Local, NW | Widespread, mainly Highlands and NW | decline suspected |
| Grey Mountain Carpet | 70.072 | Entephria caesiata | Common | Common on higher ground | decline at lower altitudes |
| July Highflyer | 70.074 | Hydriomena furcata | Common | Common | stable |
| May Highflyer | 70.075 | Hydriomena impluviata | Common | Widespread | stable |
| Ruddy Highflyer | 70.076 | Hydriomena ruberata | Local | Local, most frequent in NW | stable |
| Pine Carpet | 70.077 | Pennithera firmata | Common | Common | stable |
| Chestnut-coloured Carpet | 70.078 | Thera cognata | Nb | Widespread in Highlands and Islands | stable |
| Spruce Carpet | 70.079 | Thera britannica | Common | Common | major increase and range expansion |
| Grey Pine Carpet | 70.081 | Thera obeliscata | Common | Common; our species may not be obeliscata | numerical decline suspected |
| Juniper Carpet | 70.082 | Thera juniperata | Local | Local, mainly Highlands | stable? |
| Blue-bordered Carpet | 70.084 | Plemyra rubiginata | Common | Widespread | stable |
| Barred Yellow | 70.085 | Cidaria fulvata | Common | Common | stable |
| Broken-barred Carpet | 70.086 | Electrophaes corylata | Common | Common | stable |
| Purple Bar | 70.087 | Cosmorhoe ocellata | Common | Common | stable |
| Phoenix | 70.089 | Eulithis prunata | Common | Widespread but low-density, mainly gardens | unknown |
| Chevron | 70.090 | Eulithis testata | Common | Common | stable |
| Northern Spinach | 70.091 | Eulithis populata | Common | Common | stable |
| Spinach | 70.092 | Eulithis mellinata | Common | Scattered and scarce, lowland | major decline, but one in 2020, VC83 |
| Barred Straw | 70.093 | Gandaritis pyraliata | Common | Common | stable |
| Small Phoenix | 70.094 | Ecliptopera silaceata | Common | Common | stable |
| Red-green Carpet | 70.095 | Chloroclysta siterata | Common | Common | stable |
| Autumn Green Carpet | 70.096 | Chloroclysta miata | Local | Common | stable |
| Common Marbled Carpet | 70.097 | Dysstroma truncata | Common | Common | stable |
| Dark Marbled Carpet | 70.098 | Dysstroma citrata | Common | Abundant | stable |
| Beech-green Carpet | 70.099 | Colostygia olivata | Local | Widespread, prefers basic rock | stable |
| Green Carpet | 70.100 | Colostygia pectinataria | Common | Common | stable |
| Mottled Grey | 70.101 | Colostygia multistrigaria | Common | Common | stable |
| Striped Twin-spot Carpet | 70.102 | Coenotephia salicata | Common | Widespread but local, often infrequent | decline? |
| Water Carpet | 70.103 | Lampropteryx suffumata | Common | Common | stable |
| Devon Carpet | 70.104 | Lampropteryx oregiata | Nb | Recent colonist, VC74 in 2013 | increase and spread |
| Northern Winter Moth | 70.105 | Operophtera fagata | Common | Widespread | stable |
| Winter Moth | 70.106 | Operophtera brumata | Common | Common | stable |
| November Moth | 70.107 | Epirrita dilutata | Common | Common | stable |
| Pale November Moth | 70.108 | Epirrita christyi | Common | Widespread but local | increase and spread |
| Autumnal Moth | 70.109 | Epirrita autumnata | Common | Common | stable |
| Small Autumnal Moth | 70.110 | Epirrita filigrammaria | Common | Common | stable |
| Small White Wave | 70.111 | Asthena albulata | Common | Very thinly scattered and scarce | unknown |
| Dingy Shell | 70.112 | Euchoeca nebulata | Local | Sparse and local, mainly E | increase |
| Small Yellow Wave | 70.114 | Hydrelia flammeolaria | Common | S and Central, local and infrequent | stable |
| Welsh Wave | 70.115 | Venusia cambrica | Local | Common | stable |
| Blomer's Rivulet | 70.116 | Venusia blomeri | Nb | Discovered in VC97 in 2013; one VC96 in 2014 | recent arrival? |
| Argent & Sable | 70.120 | Rheumaptera hastata | Nb | Common W, absent E | stable |
| Scallop Shell | 70.121 | Hydria undulata | Local | Local & scarce, SW; one in VC81, 2014 | range expansion northwards |
| Scarce Tissue | 70.122 | Hydria cervicalis | Local | Scarce and restricted, E | some increase? |
| Tissue | 70.123 | Triphosa dubitata | Local | Scarce & easily overlooked, S; vagrant N | unknown |
| Slender-striped Rufous | 70.125 | Coenocalpe lapidata | Na | Local and scattered, Highlands | some decrease? |
| Chimney Sweeper | 70.130 | Odezia atrata | Common | Common | stable |
| Twin-spot Carpet | 70.131 | Mesotype didymata | Common | Abundant | stable |
| Rivulet | 70.132 | Perizoma affinitata | Common | Common | stable |
| Small Rivulet | 70.133 | Perizoma alchemillata | Common | Common | stable |
| Barred Rivulet | 70.134 | Perizoma bifaciata | Local | Southern and coastal, local | increase and spread |
| Heath Rivulet | 70.135 | Perizoma minorata | Nb | Mainly central Highlands, local and elusive | decline and contraction |
| Pretty Pinion | 70.136 | Perizoma blandiata | Local | Common, mainly Highlands and Islands | stable |
| Grass Rivulet | 70.137 | Perizoma albulata | Local | Widespread but local | decline? |
| Sandy Carpet | 70.138 | Perizoma flavofasciata | Common | Common | increase and range expansion |
| Barred Carpet | 70.139 | Martania taeniata | Na | Scattered and local, mainly Highlands | increase and spread |
| Double-striped Pug | 70.141 | Gymnoscelis rufifasciata | Common | Common | stable |
| V-Pug | 70.142 | Chloroclystis v-ata | Common | Widespread W and Central Belt, scarce E | increase, spreading N |
| Sloe Pug | 70.143 | Pasiphila chloerata | Common | Scarce, Dumfries & Galloway; one VC83 in 2014 | unknown |
| Green Pug | 70.144 | Pasiphila rectangulata | Common | Widespread | stable |
| Bilberry Pug | 70.145 | Pasiphila debiliata | Nb | Very local, SW & W | perhaps increase |
| Haworth's Pug | 70.146 | Eupithecia haworthiata | Local | VC81, one in 2013; VC85 one in 2017 | colonist? |
| Slender Pug | 70.147 | Eupithecia tenuiata | Common | Widespread | stable |
| Maple Pug | 70.148 | Eupithecia inturbata | Local | Borders: VC80 in 2011, VC81 in 2012 | recent arrival |
| Cloaked Pug | 70.149 | Eupithecia abietaria | Uncommon, imm.? | Sporadic and rare and/or elusive habits? | unknown |
| Toadflax Pug | 70.150 | Eupithecia linariata | Common | Central Belt, local and scarce | unknown |
| Foxglove Pug | 70.151 | Eupithecia pulchellata | Common | Common | stable |
| Lead-coloured Pug | 70.153 | Eupithecia plumbeolata | Nb | Sparsely distributed and very local, Central | unknown |
| Marsh Pug | 70.154 | Eupithecia pygmaeata | Nb | Widely scattered, local and perhaps overlooked | stable? |
| Netted Pug | 70.155 | Eupithecia venosata | Local | Scattered, local; commonest in Northern Isles | decline? |
| Brindled Pug | 70.156 | Eupithecia abbreviata | Common | Common | stable |
| Oak-tree Pug | 70.157 | Eupithecia dodoneata | Common | Recent colonist, SW in 2002, now scattered S | increase and spread |
| Juniper Pug | 70.158 | Eupithecia pusillata | Common | Common, especially Highlands | stable |
| White-spotted Pug | 70.160 | Eupithecia tripunctaria | Local | Widespread but infrequent | stable? |
| Golden-rod Pug | 70.161 | Eupithecia virgaureata | Local | Common | stable |
| Dwarf Pug | 70.162 | Eupithecia tantillaria | Common | Common | stable |
| Larch Pug | 70.163 | Eupithecia lariciata | Common | Common | stable |
| Pimpinel Pug | 70.165 | Eupithecia pimpinellata | Local | VC81 (several) & VC85 in 2014; VC82 in 2017 | colonist |
| Plain Pug | 70.166 | Eupithecia simpliciatata | Local | Scarce and very local, VC74, VC82, VC85, VC86 | unknown |
| Narrow-winged Pug | 70.168 | Eupithecia nanata | Common | Common | stable |
| Angle-barred or Ash Pug | 70.169 | Eupithecia innotata | Common | Widespread but infrequent | stable |
| Ochreous Pug | 70.171 | Eupithecia indigata | Common | Widespread, especially in Highlands | stable |
| Thyme Pug | 70.172 | Eupithecia distinctaria | Nb | Scattered and very local, mainly W coast & Isles | unknown |
| Lime-speck Pug | 70.173 | Eupithecia centaureata | Common | Widespread, mainly on sandy coasts | increase and spread |
| Triple-spotted Pug | 70.175 | Eupithecia trisignaria | Local | Widespread but sparse, very local and infrequent | unknown |
| Edinburgh/Freyer's Pug | 70.176 | Eupithecia intricata | Common | Widespread; the two races now merged in S | Freyer's Pug major spread, Edinburgh Pug stable |
| Satyr Pug | 70.177 | Eupithecia satyrata | Common | Common, especially in N | stable |
| Wormwood/Ling Pug | 70.179 | Eupithecia absinthiata | Common | Common | stable |
| Bleached Pug | 70.180 | Eupithecia expallidata | Nb | Local and scarce, W Highlands | unknown |
| Valerian Pug | 70.181 | Eupithecia valerianata | Nb | Sparsely scattered, very local | increase? |
| Currant Pug | 70.182 | Eupithecia assimilatata | Common | Widespread | stable |
| Common Pug | 70.183 | Eupithecia vulgata | Common | Common | stable |
| Mottled Pug | 70.184 | Eupithecia exiguata | Common | Widespread, but mainly S & E | stable |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|--------------------------|--------|---------------------------|-----------|--|--|
| Tawny Speckled Pug | 70.187 | Eupithecia icterata | Common | Common | stable |
| Bordered Pug | 70.188 | Eupithecia succenturiata | Common | Very local and infrequent, mainly Central Belt | stable? |
| Shaded Pug | 70.189 | Eupithecia subumbrata | Local | Very local, W coast | increase? |
| Grey Pug | 70.190 | Eupithecia subfuscata | Common | Common | stable |
| Manchester Treble-bar | 70.191 | Carsia sororiata | Nb | Widespread, especially Highlands & NW | stable |
| Treble-bar | 70.192 | Aplocera plagiata | Common | Common | decline? |
| Lesser Treble-bar | 70.193 | Aplocera efformata | Common | Recent arrival, mainly Lothians on bings | major increase and spread |
| Streak | 70.195 | Chesias legatella | Common | Common E, scarcer on west coast and Hebrides | stable |
| Broom-tip | 70.196 | Chesias rufata | Nb | Widespread but local | stable? |
| Seraphim | 70.198 | Lobophora halterata | Local | Widespread, mainly Highlands | increase in central belt |
| Small Seraphim | 70.199 | Pterapherapteryx sexalata | Local | Scarce and local, SW; Perthshire? | unknown |
| Yellow-barred Brindle | 70.200 | Acasis viretata | Local | Widespread but local | increase and spread into E |
| Barred Tooth-striped | 70.201 | Trichopteryx polycommata | Na | Very local, mainly Great Glen | unknown |
| Early Tooth-striped | 70.202 | Trichopteryx carpinata | Common | Common | stable |
| Orange Underwing | 70.203 | Archiearis parthenias | Local | Widespread, mainly Highlands | decline? |
| Maggie | 70.205 | Abraxas grossulariata | Common | Abundant NW & Isles, otherwise scarce and urban | heather race spreading in N |
| Clouded Maggie | 70.206 | Abraxas sylvata | Local | SW only, local and scarce | stable? |
| Clouded Border | 70.207 | Lomaspilis marginata | Common | Common | increase |
| Peacock Moth | 70.211 | Macaria notata | Local | Widespread Highlands & Islands, absent S | increase and spread |
| Sharp-angled Peacock | 70.212 | Macaria alternata | Local | Scarce and local, Great Glen only? | unknown |
| Tawny-barred Angle | 70.214 | Macaria liturata | Common | Common | stable |
| V-Moth | 70.215 | Macaria wauaria | Local | Scarce and scattered, lower ground | severe decline |
| Netted Mountain Moth | 70.216 | Macaria carbonaria | RDB | Very local, central Highlands | decline |
| Rannoch Looper | 70.217 | Macaria brunneata | Na | Local, Highlands | increase? |
| Latticed Heath | 70.218 | Chiasmia clathrata | Common | Common S, scarce or stray in N | increase and expansion N |
| Frosted Yellow | 70.220 | Isturgia limbaria | Extinct | Extinct; formerly in Perthshire & East Ross | long extinct |
| Brown Silver-line | 70.222 | Petrophora chlorosata | Common | Common | stable |
| Barred Umber | 70.223 | Plagodis pulveraria | Local | Widespread, mainly W; absent or scarce in E | stable |
| Scorched Wing | 70.224 | Plagodis dolabraria | Local | Widespread except NE | major range expansion N |
| Brimstone Moth | 70.226 | Opisthograptis luteolata | Common | Common | stable |
| Bordered Beauty | 70.227 | Epione repandaria | Common | Widespread in W; scarce in E | stable |
| Dark Bordered Beauty | 70.228 | Epione vespertaria | RDB | Extremely restricted, Highlands | fluctuates |
| Speckled Yellow | 70.229 | Pseudopanthera macularia | Common | Widespread in W, scarce or absent E | stable |
| Lilac Beauty | 70.231 | Apeira syringaria | Local | local in S, suburban? | major range expansion N |
| August Thorn | 70.233 | Ennomos quercinaria | Local | Scarce, Dumfries & Galloway; one confirmed in VC106 | unknown |
| Canary-shouldered Thorn | 70.234 | Ennomos alniaria | Common | Common | stable |
| September Thorn | 70.236 | Ennomos erosaria | Common | Widely scattered; infrequent | decline? |
| Early Thorn | 70.237 | Selenia dentaria | Common | Common | stable |
| Lunar Thorn | 70.238 | Selenia lunularia | Local | Common | stable |
| Purple Thorn | 70.239 | Selenia tetralunaria | Common | Widespread but local; infrequent | increase? |
| Scalloped Hazel | 70.240 | Odontopera bidentata | Common | Common | stable |
| Scalloped Oak | 70.241 | Crocallis elinguaris | Common | Common | stable |
| Swallow-tailed Moth | 70.243 | Ourapteryx sambucaria | Common | Common S & Central, absent in NW | major range expansion into NE |
| Feathered Thorn | 70.244 | Colotois pennaria | Common | Common | stable |
| March Moth | 70.245 | Alsophila aescularia | Common | Widespread | increase and spread |
| Pale Brindled Beauty | 70.247 | Phigalia pilosaria | Common | Common | stable |
| Brindled Beauty | 70.248 | Lycia hirtaria | Common | Common Highlands, absent S? | stable |
| Rannoch Brindled Beauty | 70.249 | Lycia lapponaria | Na | Scattered and local, Highlands | decline central Highlands, increase in W? |
| Belted Beauty | 70.250 | Lycia zonaria | Na | Local, Hebrides | stable |
| Oak Beauty | 70.251 | Biston strataria | Common | Local, mainly SW and central W | increase and spread? |
| Peppered Moth | 70.252 | Biston betularia | Common | Common | stable |
| Spring Usher | 70.253 | Agriopsis leucophaearia | Common | Widespread but local S, absent N | decline? |
| Scarce Umber | 70.254 | Agriopsis aurantaria | Common | Common | uncertain |
| Dotted Border | 70.255 | Agriopsis marginaria | Common | Common | stable |
| Mottled Umber | 70.256 | Erannis defoliaria | Common | Common | stable |
| Willow Beauty | 70.258 | Peribatodes rhomboidaria | Common | Widespread, but scarce away from towns | decline in N? |
| Bordered Grey | 70.262 | Selidosema brunnearia | Na | Very restricted, W coast and VC91 | unknown |
| Ringed Carpet | 70.263 | Cleora cinctaria | Na | Very local, mainly W Highlands | stable |
| Satin Beauty | 70.264 | Delleptenia ribeata | Common | Widespread | major range expansion N |
| Mottled Beauty | 70.265 | Alcis repandata | Common | Common | stable |
| Dotted Carpet | 70.266 | Alcis jubata | Local | Widespread | major increase and range expansion |
| Engrailed | 70.270 | Ectropis crepuscularia | Common | Common | stable |
| Small Engrailed | 70.271 | Ectropis sp. | Local | Dumfries & Galloway, scarce; one in VC81 in 2014 | perhaps spreading to SE, Lothians |
| Grey Birch | 70.274 | Aethalura punctulata | Common | Mainly NW & W, local and infrequent; absent E | increase and spread? |
| Common Heath | 70.275 | Ematurga atomaria | Common | Common | stable |
| Bordered White | 70.276 | Bupalus piniaria | Common | Common | stable |
| Common White Wave | 70.277 | Cabera pusaria | Common | Common | stable |
| Common Wave | 70.278 | Cabera exanthemata | Common | Common | stable |
| White-pinion Spotted | 70.279 | Lomographa bimaiculata | Common | First VC73 in 1997, up to VC86 by 2014 | major range expansion |
| Clouded Silver | 70.280 | Lomographa temerata | Common | Widespread, but mainly W & Central Belt | major range expansion N |
| Early Moth | 70.282 | Theria primaria | Common | Scattered & local, S; also VC106 | stable? |
| Light Emerald | 70.283 | Campaea margaritata | Common | Common | stable |
| Barred Red | 70.284 | Hylaea fasciaria | Common | Common | stable |
| Scotch Annulet | 70.285 | Gnophos obfuscata | Nb | Widespread, Highlands only | decrease? |
| Annulet | 70.287 | Charissa obscurata | Local | Scattered and scarce, coastal | stable |
| Brussels Lace | 70.288 | Cleorodes lichenaria | Local | Widespread but clustered, absent from large areas | probable increase |
| Black Mountain Moth | 70.289 | Glacies coracina | Na | Highlands, widespread in suitable habitat | stable or possible increase |
| Grey Scalloped Bar | 70.292 | Dyscia fagaria | Local | Widely scattered but infrequent | marked decline |
| Grass Wave | 70.295 | Perconia strigillaria | Local | Scattered in local clusters, absent from large areas | uncertain |
| Grass Emerald | 70.297 | Pseudoterpna pruinata | Common | Local and infrequent, S | uncertain |
| Large Emerald | 70.299 | Geometra papilionaria | Common | Common | stable |
| Little Emerald | 70.303 | Jodis lactearia | Common | Sparse and scattered, W | perhaps recent increase |
| Common Emerald | 70.305 | Hemithea aestivaria | Common | Dumfries & Galloway, local and scarce | colonist, first 1977; perhaps decline |
| Puss Moth | 71.003 | Cerura vinula | Common | Widespread | serious decline except in W. Isles - GSWoodpecker? |
| Sallow Kitten | 71.005 | Furcula furcula | Common | Widespread | stable |
| Marbled Brown | 71.010 | Drymonia dodonea | Local | Local, SW & W only | perhaps increase |
| Lunar Marbled Brown | 71.011 | Drymonia ruficornis | Common | Widespread, mainly in W | increase? |
| Iron Prominent | 71.012 | Notodonta dromedarius | Common | Common | stable |
| Pebble Prominent | 71.013 | Notodonta ziczac | Common | Common | stable |
| Great Prominent | 71.016 | Peridea anceps | Local | SW and Central Belt, local | stable |
| Swallow Prominent | 71.017 | Pheosia tremula | Common | Widespread | increase? |
| Lesser Swallow Prominent | 71.018 | Pheosia gnoma | Common | Common | stable |
| Pale Prominent | 71.020 | Pterostoma palpina | Common | Widespread | increase and spread |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|-----------------------------|--------|----------------------------------|--------------------|--|---|
| Coxcomb Prominent | 71.021 | <i>Ptilodon capucina</i> | Common | Common | stable |
| Scarce Prominent | 71.023 | <i>Odontotia carmelita</i> | Local | Widespread but infrequent | stable |
| Buff-tip | 71.025 | <i>Phalera bucephala</i> | Common | Common | stable |
| Chocolate-tip | 71.027 | <i>Clostera curtula</i> | Local | Extremely restricted, VC92; VC96 no recent record | unknown |
| Small Chocolate-tip | 71.028 | <i>Clostera pigra</i> | Nb | Thinly scattered and scarce | decline |
| Herald | 72.001 | <i>Scoliopteryx libatrix</i> | Common | Common | stable |
| Straw Dot | 72.002 | <i>Rivula sericealis</i> | Common | Common W, scarcer E | increase and spread E |
| Snout | 72.003 | <i>Hypena proboscidalis</i> | Common | Common | stable |
| Beautiful Snout | 72.007 | <i>Hypena crassalis</i> | Local | VC87, discovered 2012; VC73 in 2015 | colonist, spreading? |
| White Satin Moth | 72.009 | <i>Leucoma salicis</i> | Local | Rare vagrant as far as N. Isles; last being VC73 in 1996 | no change |
| Yellow-tail | 72.013 | <i>Euproctis similis</i> | Common | SW and Borders only | stable |
| Pale Tussock | 72.015 | <i>Calliteara pudibunda</i> | Common | Borders & VC75, scarce | unknown |
| Dark Tussock | 72.016 | <i>Dicallomera fascelina</i> | Local | Widespread, but absent from W coast | stable |
| Vapourer | 72.017 | <i>Orgyia antiqua</i> | Common | Now widespread, especially in E | range expansion W, but decline in E? |
| Buff Ermine | 72.019 | <i>Spilosoma lutea</i> | Common | Common near coast in W, absent E except Borders | some increase in SE? |
| White Ermine | 72.020 | <i>Spilosoma lubricipeda</i> | Common | Common | stable |
| Water Ermine | 72.021 | <i>Spilosoma urticae</i> | Nb | Vagrant to Fair Isle 2002, then two in Shetland 2018 | not applicable |
| Muslin Moth | 72.022 | <i>Diaphora mendica</i> | Common | SE only; VC91 last seen in 1978 | stable |
| Clouded Buff | 72.023 | <i>Diacrisia sannio</i> | Local | Widespread but mainly W, scarce in E | stable, but perhaps decline in SE |
| Ruby Tiger | 72.024 | <i>Phragmatobia fuliginosa</i> | Common | Common | stable |
| Wood Tiger | 72.025 | <i>Parasemia plantaginis</i> | Local | Widespread | stable |
| Garden Tiger | 72.026 | <i>Arctia caja</i> | Common | Common | stable |
| Cinnabar | 72.031 | <i>Tyria jacobaeae</i> | Common | Common S, largely coastal further N | range expansion N, and inland in S |
| Crimson Speckled | 72.034 | <i>Utetheisa pulchella</i> | Immigrant | Very rare migrant: VC73 (two) & Fair Isle 1961, Islay 2019 | no change |
| Muslin Footman | 72.036 | <i>Nudaria mundana</i> | Local | Widespread S & NE, absent NW | stable |
| Round-winged Muslin | 72.037 | <i>Thumatha senex</i> | Local | Very local, SW and VC96 | unknown |
| Four-dotted Footman | 72.038 | <i>Cybosia mesomella</i> | Local | Clustered: Borders, SW, central W & Great Glen | stable |
| Four-spotted Footman | 72.041 | <i>Lithosia quadra</i> | Na, immigrant | Rare immigrant, mainly SW, but five in 2019 | possible increase |
| Red-necked Footman | 72.042 | <i>Atolmis rubricollis</i> | Local | Common S & W, scarce and scattered E | major increase and range expansion N |
| Buff Footman | 72.043 | <i>Eilema depressa</i> | Local | Arrived SW in 2006, now up to central belt! | dramatic increase and spread |
| Dingy Footman | 72.044 | <i>Eilema griseola</i> | Common | VC84 in 2010; then six in Dumfries & Galloway, 2013 | colonist |
| Common Footman | 72.045 | <i>Eilema lurideola</i> | Common | Clusters in SW, E coast and inner Moray Firth | stable |
| Scarce Footman | 72.046 | <i>Eilema complana</i> | Local | Dumfries & Galloway coast only | stable |
| Orange Footman | 72.049 | <i>Eilema sorocula</i> | Local | VC80, one in 2017 | after major range increase in England |
| Dew Moth | 72.050 | <i>Setina irrorella</i> | Na | Very local, W coast and VC81 | stable |
| Fan-foot | 72.053 | <i>Herminia tarsipennalis</i> | Common | Widespread S & E, absent NW | some range expansion N |
| Small Fan-foot | 72.055 | <i>Herminia grisealis</i> | Common | Widespread | some range expansion N |
| Marsh Oblique-barred | 72.060 | <i>Hypenodes humidalis</i> | Nb | Widely scattered, mainly in W | increase and range expansion eastwards |
| Pinion-streaked Snout | 72.061 | <i>Schrankia costaestrigalis</i> | Local | Widespread W, more scattered in E | major range expansion E, also N |
| Blackneck | 72.063 | <i>Lygephila pastinum</i> | Local | Isolated long-established population in VC81 | one in VC75 in 2020 |
| Waved Black | 72.066 | <i>Parascotia fuliginaria</i> | Nb, suspected imm. | vagrant - one in VC84 in 2019 | not applicable |
| Small Purple-barred | 72.067 | <i>Phytometra viridaria</i> | Local | Widespread in Highlands, scarcer elsewhere | probable decrease, especially in S |
| Purple Marbled | 72.072 | <i>Eublemma ostrina</i> | Immigrant | Very rare immigrant; one at Monkton VC75 in 1858 | not applicable |
| Small Marbled | 72.073 | <i>Eublemma parva</i> | Immigrant | Rare immigrant; 1986, two in 2011 | not applicable |
| Clifden Nonpareil | 72.076 | <i>Catocala fraxini</i> | Imm, trans. Res. | Scarce immigrant, E coast and Northern Isles | becoming less frequent |
| Red Underwing | 72.078 | <i>Catocala nupta</i> | Common | Very occasional, extreme S - colonist or stray? | no change |
| Dark Crimson Underwing | 72.081 | <i>Catocala sponsa</i> | RDB, immigrant | Orkney 2017, immigrant | not applicable |
| Burnet Companion | 72.083 | <i>Euclidia glyphica</i> | Common | Scarce and local, mainly Borders; old records further N | historical decrease, currently stable? |
| Mother Shipton | 72.084 | <i>Euclidia mi</i> | Common | Widespread but local | stable |
| Spectacle | 73.001 | <i>Abrostola tripartita</i> | Common | Common | stable |
| Dark Spectacle | 73.002 | <i>Abrostola triplasia</i> | Common | Mainly SW, infrequent; absent NE | stable? |
| Golden Twin-spot | 73.008 | <i>Chrysodeixis chalcites</i> | Imm., adventive | Rare immigrant (1978, 1990); adventive larva 2010 | not applicable |
| Dewick's Plusia | 73.010 | <i>Macdunnoughia confusa</i> | Immigrant | Rare immigrant to Northern Isles, last 2014 | not applicable |
| Burnished Brass | 73.012 | <i>Diachrysa chrysitis</i> | Common | Common | stable |
| Golden Plusia | 73.014 | <i>Polychrysa moneta</i> | Common | Local & scarce, S; previously to Aberdeen | serious decline and range contraction |
| Silver Y | 73.015 | <i>Autographa gamma</i> | Immigrant | Immigrant, often abundant; breeds annually | no change |
| Beautiful Golden Y | 73.016 | <i>Autographa pulchrina</i> | Common | Common | stable |
| Plain Golden Y | 73.017 | <i>Autographa jota</i> | Common | Widespread, but often infrequent | decrease in N |
| Gold Spangle | 73.018 | <i>Autographa bractea</i> | Common | Common | stable |
| Scarce Silver Y | 73.021 | <i>Syngrapha interrogationis</i> | Local | Widespread, especially Highlands | stable in Highlands, but decrease in S? |
| Gold Spot | 73.022 | <i>Plusia festucae</i> | Common | Common | marked decrease in numbers |
| Lempke's Gold Spot | 73.023 | <i>Plusia putnami</i> | Local | Common | dramatic increase and spread |
| Silver Hook | 73.026 | <i>Deltote uncula</i> | Local | Widespread but local W, absent E | stable |
| Nut-tree Tussock | 73.032 | <i>Colocasia coryli</i> | Common | Common | stable |
| Figure of Eight | 73.033 | <i>Diloba caeruleocephala</i> | Common | Extreme S only, scarce | marked decline and range contraction |
| Reed Dagger | 73.035 | <i>Simyra albovenosa</i> | Nb; suspected imm. | Vagrant to Shetland, two in 2008 (photos seen) | not applicable |
| Alder Moth | 73.036 | <i>Acronicta alni</i> | Local | SW, then reaching VC85 & VC98 by 2017 | major range expansion N |
| Grey Dagger | 73.038 | <i>Acronicta psi</i> | Common | Common | stable |
| Miller | 73.040 | <i>Acronicta leporina</i> | Common | Widespread, but never numerous | stable |
| Light Knot Grass | 73.042 | <i>Acronicta menyanthidis</i> | Local | Widespread Highlands, scarce in S | stable |
| Sweet Gale Moth | 73.044 | <i>Acronicta cinerea</i> | Na | Local, Highlands | stable? |
| Knot Grass | 73.045 | <i>Acronicta rumicis</i> | Common | Common | stable |
| Poplar Grey | 73.046 | <i>Subacronicta megacephala</i> | Common | Very local amongst aspen, Speyside & N; also D&G | stable? |
| Coronet | 73.047 | <i>Craniophora ligustri</i> | Local | Widespread, especially in W | probable increase and spread |
| Small Yellow Underwing | 73.048 | <i>Panemeria tenebrata</i> | Local | Formerly SW & SE, no recent records | extinct? SW last seen 1941 in VC73 |
| Shark | 73.052 | <i>Cucullia umbratica</i> | Common | Widespread but not numerous | stable |
| Chamomile Shark | 73.053 | <i>Cucullia chamomillae</i> | Local | Widespread in E, especially on coast | dramatic range expansion, now slowed |
| Anomalous | 73.061 | <i>Stilbia anomala</i> | Local | Widespread | some decline? |
| Copper Underwing | 73.062 | <i>Amphipyra pyramidea</i> | Common | Now widespread to Central Belt, but mainly SW & W | major range expansion N, recently also to E |
| Svensson's Copper Underwing | 73.063 | <i>Amphipyra berbera</i> | Common | Now widespread to Central Belt, but mainly E | major increase and range expansion N |
| Mouse Moth | 73.064 | <i>Amphipyra tragopoginis</i> | Common | Common E, scarcer in W | decline in numbers |
| Rannoch Sprawler | 73.066 | <i>Brachionycha nubeculosa</i> | RDB | Local, Highlands; apparently doing well | probable increase and slight spread |
| Green-brindled Crescent | 73.068 | <i>Allophyes oxyacanthae</i> | Common | Common | stable |
| Early Grey | 73.069 | <i>Xylocampa areola</i> | Common | Widespread W, scarce or absent most of E | increase and spread? |
| Bordered Sallow | 73.070 | <i>Pyrrhia umbra</i> | Local | Coastal and very local, SW & SE, found in Moray, 2020 | unclear |
| Spotted Clover | 73.071 | <i>Protoschinia scutosa</i> | Immigrant | Very rare immigrant: VC91 in 1878, VC96 in 1960 | not applicable |
| Bordered Straw | 73.074 | <i>Heliothis peltigera</i> | Immigrant | Scarce immigrant | more frequent? |
| Scarce Bordered Straw | 73.076 | <i>Helicoverpa armigera</i> | Immigrant | Scarce immigrant, also adventive larvae | more frequent? |
| Marbled Beauty | 73.084 | <i>Bryophila domestica</i> | Common | Widespread S & NE, absent NW | perhaps increase |
| Small Mottled Willow | 73.087 | <i>Spodoptera exigua</i> | Immigrant | Scarce immigrant, also adventive larvae | no change? |
| Mottled Rustic | 73.092 | <i>Caradrina morpheus</i> | Common | Rather local, often coastal, absent from much of W | stable |
| Pale Mottled Willow | 73.095 | <i>Caradrina clavipalpis</i> | Common | Widely scattered but sparse | major decrease, all areas |
| Uncertain | 73.096 | <i>Hoplodrina octogenaria</i> | Common | Scattered but local and infrequent | probable increase |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|--------------------------|--------|---------------------------|------------------|---|---|
| Rustic | 73.097 | Hoplodrina blanda | Common | Widespread on low ground and coast | stable |
| Silky Wainscot | 73.100 | Chilodes maritima | Local | Very local, VC73 plus Forth and Tay areas | major increase and spread |
| Treble Lines | 73.101 | Charanyca trigrammica | Common | VC73, scarce | no change |
| Brown Rustic | 73.102 | Rusina ferruginea | Common | Common | stable |
| Old Lady | 73.107 | Mormo maura | Local | Widely scattered, mainly river valleys, infrequent | increase in W & N? |
| Straw Underwing | 73.109 | Thalopphila matura | Common | Sparsely scattered, mainly coastal | decline |
| Saxon | 73.110 | Hyppa rectilinea | Nb | Widespread | stable |
| Angle Shades | 73.113 | Phlogopha meticulosa | Common | Common, also immigrant | stable |
| Small Angle Shades | 73.114 | Euplexia lucipara | Common | Common | stable |
| Haworth's Minor | 73.118 | Celaena haworthii | Local | Common | stable |
| Crescent | 73.119 | Helotropha leucostigma | Local | Common W, absent or migrant in E | stable |
| Frosted Orange | 73.121 | Gortyna flavago | Common | Common E and SW, absent W coast | range expansion N |
| Rosy Rustic | 73.123 | Hydraecia micacea | Common | Common | stable |
| Butterbur | 73.124 | Hydraecia petasitis | Local | Very local S, now up to VC91 | uncertain |
| Saltern Ear | 73.126 | Amphipoea fucosa | Local | Unclear, hybridises with lucens in west and isles | status uncertain |
| Large Ear | 73.127 | Amphipoea lucens | Local | Common | stable |
| Ear Moth | 73.128 | Amphipoea oculea | Common | Widespread, but most frequent on sandy coasts | stable |
| Crinan Ear | 73.129 | Amphipoea crinanensis | Local | Widespread, mainly inland | stable |
| Flounced Rustic | 73.131 | Luperina testacea | Common | Widespread near coast in SW & E, scarcer in W | stable |
| Scarce Arches | 73.133 | Fabula zollikoferi | Immigrant | Very rare immigrant, VC92 in 1871, VC90 in 1968 | not applicable |
| Large Wainscot | 73.134 | Rhizedra lutosa | Common | Scattered, mainly coastal, perhaps migratory | stable? |
| Bulrush Wainscot | 73.136 | Nonagra typhae | Common | Widespread in E, scarcer or absent W | slight range expansion N |
| Fen Wainscot | 73.137 | Arenostola phragmitidis | Local | Established in VC73 since 2003 | no change |
| Lyme Grass | 73.138 | Longalatedes elymi | Nb | Very local, E coast to VC107 | uncertain |
| Twin-spotted Wainscot | 73.139 | Lenisia geminipuncta | Local | Discovered resident in VC84 in 2018, then VC82 & VC85 | recent colonist, spreading |
| Small Rufous | 73.142 | Coenobia rufa | Local | Confirmed in VC73, 2011; old records elsewhere | no change |
| Small Wainscot | 73.144 | Denticuillus pygmina | Common | Common | stable |
| Small Dotted Buff | 73.147 | Photodes minima | Common | Common | stable |
| Union Rustic | 73.153 | Pabulatrix pabulatricula | Extinct | Extinct; records and specimens from VC76 till 1902 | long extinct |
| Dusky Brocade | 73.154 | Apamea remissa | Common | Common | stable |
| Clouded Brindle | 73.155 | Apamea epomidion | Common | Very local and scarce, VC88 southwards | probable increase and spread |
| Clouded-bordered Brindle | 73.156 | Apamea crenata | Common | Common | stable |
| Large Nutmeg | 73.157 | Apamea anceps | Local | Formerly in S & SE, long extinct | long extinct |
| Rustic Shoulder-knot | 73.158 | Apamea sordens | Common | Common | marked decrease in numbers |
| Small Clouded Brindle | 73.159 | Apamea unanims | Common | Widespread S & E, but infrequent | stable |
| Slender Brindle | 73.160 | Apamea scolopacina | Common | Recent arrival, now widespread S & E to VC106 | dramatic increase and range expansion |
| Crescent Striped | 73.161 | Apamea oblonga | Nb | Vagrant, VC87 in 1999, Orkney in 2019, maybe Shetland | not applicable |
| Dark Arches | 73.162 | Apamea monoglypha | Common | Common | stable |
| Light Arches | 73.163 | Apamea lithoxylaea | Common | Common | stable |
| Confused | 73.165 | Apamea furva | Local | Widely scattered, mainly rocky coasts, infrequent | unknown |
| Scarce Brindle | 73.166 | Apamea lateritia | Immigrant | Rare immigrant, Shetland & Fair Isle (six? - last 2011) | not applicable |
| Exile or Northern Arches | 73.167 | Apamea exulis | Na | Widely scattered, mainly inland; infrequent | unknown; perhaps increase in S |
| Double Lobed | 73.168 | Lateroligia ophiogramma | Common | Widespread but local after major range expansion | major range expansion N |
| Common Rustic | 73.169 | Mesapamea secalis | Common | Common | stable |
| Lesser Common Rustic | 73.170 | Mesapamea didyma | Common | Common | stable |
| Rosy Minor | 73.171 | Litoligia literosa | Common | Common SW & E, mainly coastal; scarce in NW | stable |
| Cloaked Minor | 73.172 | Mesoligia furuncula | Common | Widespread S, coastal; absent, scarce or stray N | uncertain |
| Marbled Minor | 73.173 | Oligia strigilis | Common | Widespread, but becoming infrequent | uncertain |
| Tawny Marbled Minor | 73.174 | Oligia latruncula | Common | Apparently local and infrequent, up to VC106 | unknown |
| Rufous Minor | 73.175 | Oligia versicolor | Local | Widespread but local; often numerous where found | perhaps increase |
| Middle-barred Minor | 73.176 | Oligia fasciuncula | Common | Common | stable |
| Orange Sallow | 73.179 | Tiliacia citrago | Common | Widespread but infrequent | stable |
| Pink-barred Sallow | 73.181 | Xanthia togata | Common | Common | stable |
| Sallow | 73.182 | Cirrhia icteritia | Common | Common | stable |
| Dusky-lemon Sallow | 73.183 | Cirrhia gilvago | Local | Very sparse, local and infrequent E, up to VC106 | decline |
| Beaded Chestnut | 73.186 | Agrochola lychnidis | Common | VC86 specimens 1937-76, no confirmed records since | extinct? |
| Brown-spot Pinion | 73.187 | Agrochola litura | Common | Common E, scarce or absent W | stable |
| Flounced Chestnut | 73.188 | Agrochola helvola | Common | Widespread but local, Highlands; absent S? | stable |
| Red-line Quaker | 73.189 | Agrochola lota | Common | Common | stable |
| Yellow-line Quaker | 73.190 | Agrochola macilenta | Common | Common | stable |
| Brick | 73.192 | Agrochola circellaris | Common | Common | stable |
| Lunar Underwing | 73.193 | Omphaloscelis lunosa | Common | Widespread on or near the coast | some increase and range expansion |
| Chestnut | 73.194 | Conistra vaccinii | Common | Common | stable |
| Dark Chestnut | 73.195 | Conistra ligula | Common | Widespread SW & SE | major increase and spread |
| Tawny Pinion | 73.200 | Lithophane semibrunnea | Local | VC72 in 2009, VC73 in 2011; potential colonist | no change |
| Pale Pinion | 73.201 | Lithophane socia | Local | Now widespread in S, records north to Moray Firth | dramatic increase and range expansion continues |
| Grey Shoulder-knot | 73.202 | Lithophane ornitopus | Common | VC73 singles in 2017, 2019 | potential colonist |
| Conformist | 73.203 | Lithophane furcifera | Immigrant | VC96, one on 9 Apr 2011; presumed immigrant? | not applicable |
| Blair's Shoulder-knot | 73.206 | Lithophane leautieri | Common | Widespread in S to VC85 | major range expansion, now slowing? |
| Golden-rod Brindle | 73.207 | Xylena solidaginis | Local | Widespread in Highlands, scarce in S | probable decline |
| Sword-grass | 73.208 | Xylena exsoleta | Nb | Widespread NE, now scarce or absent elsewhere | stable Highlands, decline in S? |
| Red Sword-grass | 73.209 | Xylena vetustata | Local | Common | stable |
| Satellite | 73.210 | Eupsilia transversa | Common | Common | stable |
| Angle-striped Sallow | 73.211 | Enargia paleacea | Nb | Widespread Highlands, absent or stray elsewhere | stable |
| Olive | 73.213 | Ipimorpha subtusa | Local | Scattered and scarce, S | uncertain; range contraction in N? |
| Dun-bar | 73.216 | Cosmia trapezina | Common | Common, except in NW | stable |
| Centre-barred Sallow | 73.219 | Atethmia centrargo | Common | Common | stable |
| Minor Shoulder-knot | 73.220 | Brachyloimia viminalis | Common | Common, but becoming less numerous | major decline in many areas |
| Suspected | 73.221 | Parastichtis suspecta | Local | Widespread but local and infrequent | stable |
| Dingy Shears | 73.222 | Apterogenum ypsilon | Local | Sparse, local and infrequent, S & E | uncertain |
| Merveille du Jour | 73.224 | Gripesia aprilina | Common | Common | stable |
| Brindled Green | 73.225 | Dryobotodes eremita | Common | Widespread but local and infrequent | stable |
| Grey Chi | 73.228 | Antitype chi | Common | Common, but becoming less numerous | serious decline with local losses |
| Northern Deep-brown Dart | 73.232 | Aporophyla lueneburgensis | Common | Widespread, but major recent decline | serious decline, especially E |
| Black Rustic | 73.233 | Aporophyla nigra | Common | Common | stable |
| Brindled Ochre | 73.234 | Dasyptolia templi | Local | Common NE, local and scarcer elsewhere | decline, especially in NE |
| Feathered Ranunculus | 73.235 | Polymixis lichenea | Local | Local, SW coast | probably increase |
| Dark Brocade | 73.238 | Mniotype adusta | Common | Common | stable |
| Bedrule Brocade | 73.239 | Mniotype solieri | Rare immigrant | Vagrant, one in VC80 in 1976, the only UK record | not applicable |
| Pine Beauty | 73.241 | Panolis flammea | Common | Common | stable |
| Clouded Drab | 73.242 | Orthosia incerta | Common | Common | stable |
| Blossom Underwing | 73.243 | Orthosia miniosa | Local; immigrant | VC80, one in 2020, believed stray | not applicable |
| Common Quaker | 73.244 | Orthosia cerasi | Common | Common | stable |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|--------------------------------|--------|--------------------------------|----------------|---|---|
| Small Quaker | 73.245 | <i>Orthosia cruda</i> | Common | Widespread but local | slight range expansion, N & NE |
| Lead-coloured Drab | 73.246 | <i>Orthosia populeti</i> | Local | Very local, E Highlands only | uncertain |
| Powdered Quaker | 73.247 | <i>Orthosia gracilis</i> | Common | Widespread, but scarce or absent NE | stable |
| Northern Drab | 73.248 | <i>Orthosia opima</i> | Local | VC80 specimen, 1988; VC81 specimens to 1956 | decline - extinct? |
| Hebrew Character | 73.249 | <i>Orthosia gothica</i> | Common | Common | stable |
| Twin-spotted Quaker | 73.250 | <i>Anorthoa munda</i> | Common | Widespread S & Central, reaching inner Moray Firth | major increase and range expansion |
| Hedge Rustic | 73.252 | <i>Tholera cespitis</i> | Common | Widespread on lower ground and sandy coasts | decline, followed by recovery? |
| Feathered Gothic | 73.253 | <i>Tholera decimialis</i> | Common | Confirmed recent records only from extreme SW & SE | decline and range contraction |
| Antler Moth | 73.254 | <i>Cerapteryx graminis</i> | Common | Common | stable |
| Nutmeg | 73.255 | <i>Anarta trifolii</i> | Common | Scattered, infrequent: migrant or temp. resident only? | uncertain; good year in 2019 |
| Broad-bd. White Underwing | 73.256 | <i>Anarta melanopa</i> | RDB | Local, Highlands; recent confirmed records from Borders | stable? |
| Beautiful Yellow Underwing | 73.257 | <i>Anarta myrtilli</i> | Common | Common E Highlands, scarcer elsewhere | stable |
| Small Dark Yellow Underwing | 73.258 | <i>Coranarta cordigera</i> | Na | Central Highlands, local and elusive | apparent decline |
| Pale Shining Brown | 73.259 | <i>Polia bombycina</i> | pRDB | Extinct; 19th century specimens from Perthshire | long extinct |
| Silvery Arches | 73.260 | <i>Polia hepatica</i> | Nb | Local and infrequent, mainly Highlands | probable decline |
| Grey Arches | 73.261 | <i>Polia nebulosa</i> | Common | Common W, absent most of E | stable |
| Pale-shouldered Brocade | 73.264 | <i>Lacanobia thalassina</i> | Common | Common | stable |
| Beautiful Brocade | 73.265 | <i>Lacanobia contigua</i> | Local | Local and infrequent west, absent E | stable? |
| Dog's Tooth | 73.266 | <i>Lacanobia suasa</i> | Local | Very local, SW & VC82; migrant to Northern Isles | range expansion |
| Bright-line Brown-eye | 73.267 | <i>Lacanobia oleracea</i> | Common | Common | stable |
| Splendid Brocade | 73.268 | <i>Lacanobia splendens</i> | Immigrant | Rare immigrant: Shetland, 2010, gen. det. Jon Clifton | not applicable |
| Dot Moth | 73.270 | <i>Melanchnra persicariae</i> | Common | Scattered and local, S | some increase |
| Broom Moth | 73.271 | <i>Ceramica pisi</i> | Common | Common | signs of a recent numerical decline |
| Glaucous Shears | 73.272 | <i>Papestra biren</i> | Local | Common | stable |
| Shears | 73.273 | <i>Hada plebeja</i> | Common | Common | perhaps decline |
| Cabbage Moth | 73.274 | <i>Mamestra brassicae</i> | Common | Widespread E and Central Belt, scarce in W | decline in numbers, especially away from towns |
| White Colon | 73.275 | <i>Sideridis turbida</i> | Nb | Very local and scarce; only recent records VC85 & VC91 | decline; now elusive |
| Campion | 73.276 | <i>Sideridis rivularis</i> | Common | Common | stable |
| Broad-barr'd White | 73.279 | <i>Hecatera bicolorata</i> | Common | Scattered and infrequent, SW & E; absent most of W | stable |
| Lychnis | 73.281 | <i>Hadena bicurris</i> | Common | Common | stable |
| Marbled Coronet | 73.283 | <i>Hadena confusa</i> | Local | Common; coastal except on Spey shingle | stable |
| Grey | 73.285 | <i>Hadena caesia</i> | RDB | Extremely local, Hebrides | unknown |
| Tawny Shears | 73.286 | <i>Hadena perplexa</i> | Common | SW only, local and coastal; old records in SE | historical decline and range contraction |
| Brown-line Bright-eye | 73.290 | <i>Mythimna conigera</i> | Common | Common SW & E, scarcer in W | gradual decline in numbers and sites |
| Common Wainscot | 73.291 | <i>Mythimna pallens</i> | Common | Common at lower altitude, scarce on higher ground | stable |
| Smoky Wainscot | 73.293 | <i>Mythimna impura</i> | Common | Abundant | stable |
| Southern Wainscot | 73.294 | <i>Mythimna straminea</i> | Local | First D&G in 1996; Islay; Firth of Forth in 2013; local | slow range expansion |
| Delicate | 73.295 | <i>Mythimna vitellina</i> | Immigrant | Rare immigrant, several in 2006 | perhaps more frequent |
| American Wainscot; White-speck | 73.296 | <i>Mythimna unipuncta</i> | Immigrant | Scarce immigrant | perhaps more frequent |
| Clay | 73.298 | <i>Mythimna ferrago</i> | Common | Common | becoming less frequent? |
| Shore Wainscot | 73.299 | <i>Mythimna littoralis</i> | Nb | Scattered and very local, VC74, VC85, VC91, VC97 | unknown |
| Shoulder-striped Wainscot | 73.301 | <i>Leucania comma</i> | Common | D&G and low ground in E but rarely numerous; absent W | apparent decline in abundance |
| Obscure Wainscot | 73.302 | <i>Leucania obsoleta</i> | Local | VC73 since 2002, VC82 since 2014, scarce and local | recent colonist, then slow expansion |
| Cosmopolitan | 73.304 | <i>Leucania loreyi</i> | Immigrant | VC72, one in 2006 | not applicable |
| Pearly Underwing | 73.307 | <i>Peridroma saucia</i> | immigrant | Regular immigrant | no change |
| Portland Moth | 73.308 | <i>Actebia praecox</i> | Nb | Recent records only E coast, Spey shingle; very local | major decline: now lost from W? |
| Eversmann's Rustic | 73.309 | <i>Actebia fennica</i> | Rare immigrant | VC93, one in 1977 | not applicable |
| Black Collar | 73.310 | <i>Dichagyris flammata</i> | Rare immigrant | Shetland, one in 1997 | not applicable |
| Coast Dart | 73.311 | <i>Euxoa cursoria</i> | Nb | Very locally abundant, SW and E coast | stable |
| Square-spot Dart | 73.312 | <i>Euxoa obelisca</i> | Nb | Very local, Dumfries & Galloway, E coast; infrequent | perhaps increase |
| White-line Dart | 73.313 | <i>Euxoa tritici</i> | Common | Widespread on coast, also Spey shingles; scarce inland | decrease inland |
| Garden Dart | 73.314 | <i>Euxoa nigricans</i> | Common | Widespread but scarce, mainly SW & E | severe decline |
| Heart & Dart | 73.317 | <i>Agrotis exclamatoris</i> | Common | Widespread at lower altitudes, but not often numerous | stable |
| Turnip Moth | 73.319 | <i>Agrotis segetum</i> | Common | Widespread at lower altitudes, scarcer NW; also migrant | stable |
| Heart & Club | 73.320 | <i>Agrotis clavis</i> | Common | Scattered, scarce and coastal, SW & E | probable increase, perhaps subsequent decline |
| Archer's Dart | 73.322 | <i>Agrotis vestigialis</i> | Local | Locally abundant, sandy coasts; also Spey shingles | stable |
| Sand Dart | 73.323 | <i>Agrotis ripae</i> | Nb | Extremely local, VC74 & E coast only | stable |
| Crescent Dart | 73.324 | <i>Agrotis trux</i> | Local | Dumfries & Galloway only, sometimes numerous | recent colonist, first record 1999 |
| Shuttle-shaped Dart | 73.325 | <i>Agrotis puta</i> | Common | Sporadic singles, D & G, E coast; potential colonist | recent increase and establishment in SE |
| Dark Sword-grass | 73.327 | <i>Agrotis ipsilon</i> | Immigrant | Regular immigrant, throughout | no change |
| Flame | 73.328 | <i>Axylia putris</i> | Common | Widespread S and Central Belt, scarcer northwards | stable |
| Flame Shoulder | 73.329 | <i>Ochrolepura plecta</i> | Common | Common | stable |
| Barred Chestnut | 73.331 | <i>Diarsia dahlii</i> | Local | Common | stable |
| Purple Clay | 73.332 | <i>Diarsia brunnea</i> | Common | Common | stable |
| Ingrailed Clay | 73.333 | <i>Diarsia mendica</i> | Common | Common | stable |
| Small Square-spot | 73.334 | <i>Diarsia rubi</i> | Common | Common | stable |
| Red Chestnut | 73.336 | <i>Cerastis rubricosa</i> | Common | Common | perhaps increase in W |
| True Lover's Knot | 73.338 | <i>Lycophotia porphyrea</i> | Common | Common | stable |
| Dotted Rustic | 73.339 | <i>Rhyacia simulans</i> | Local | Widespread E near coast, infrequent; scarce elsewhere | Major increase in NE, but subsequent recent decline |
| Northern Rustic | 73.341 | <i>Standfussiana lucerneae</i> | Local | Widespread rocky coasts and hills | decline inland? |
| Large Yellow Underwing | 73.342 | <i>Noctua pronuba</i> | Common | Common | stable |
| Broad-bd. Yellow Underwing | 73.343 | <i>Noctua fimbriata</i> | Common | Widespread, but never numerous | perhaps increase? |
| Lunar Yellow Underwing | 73.344 | <i>Noctua orbona</i> | Nb | Scarce and very local, E | decline; present status uncertain |
| Lesser Yellow Underwing | 73.345 | <i>Noctua comes</i> | Common | Common | stable |
| Least Yellow Underwing | 73.346 | <i>Noctua interjecta</i> | Common | Widespread SW & SE, also confirmed in Outer Hebrides | major range expansion - no dots in 1977 |
| Lesser Broad-bd. Yellow Und. | 73.348 | <i>Noctua janthe</i> | Common | Common | stable |
| Stout Dart | 73.349 | <i>Spaelotis ravida</i> | Local | Extinct; old records include VC82, specimen 1870 | long extinct |
| Great Brocade | 73.350 | <i>Eurois occulta</i> | Nb, immigrant | Widespread resident, Highlands; immigrant elsewhere | stable |
| Double Dart | 73.351 | <i>Graphiphora augur</i> | Common | Common | suspected decline |
| Green Arches | 73.352 | <i>Anaplectoides prasina</i> | Common | Common | stable |
| Dotted Clay | 73.353 | <i>Xestia baja</i> | Common | Common | stable |
| Square-spotted Clay | 73.354 | <i>Xestia stigmatica</i> | Nb | Very local, W; one confirmed in VC84, 2013 | unknown |
| Neglected Rustic | 73.355 | <i>Xestia castanea</i> | Local | Widespread but local, usually infrequent | stable |
| Heath Rustic | 73.356 | <i>Xestia agathina</i> | Local | Widespread but local, usually infrequent | stable |
| Square-spot Rustic | 73.357 | <i>Xestia xanthographa</i> | Common | Abundant | stable |
| Six-striped Rustic | 73.358 | <i>Xestia sexstrigata</i> | Common | Common | stable |
| Setaceous Hebrew Character | 73.359 | <i>Xestia c-nigrum</i> | Common | Common E, much scarcer in W | stable |
| Triple-spotted Clay | 73.360 | <i>Xestia ditrapezium</i> | Local | Common W, absent E | stable |
| Double Square-spot | 73.361 | <i>Xestia triangulum</i> | Common | Common | stable |
| Northern Dart | 73.363 | <i>Xestia alpicola</i> | Na | Very local, N; discovered in Borders, 2014 | unknown |
| Autumnal Rustic | 73.365 | <i>Eugnorisma glareosa</i> | Common | Common | stable |
| Plain Clay | 73.366 | <i>Eugnorisma depuncta</i> | Nb | Widespread E, especially Highlands, scarce or absent W | stable Highlands, increase Borders? |
| Cousin German | 73.367 | <i>Protolampra sobrina</i> | Na | Local, central Highlands | stable? |

| Vernacular Name | Code | Taxon | UK Status | Scottish status | Scottish Trend since 1980 |
|--------------------|--------|---------------------|-----------|--|---------------------------------|
| Gothic | 73.368 | Naenia typica | Local | Widespread but not numerous | suspected decline |
| Least Black Arches | 74.004 | Nola confusalis | Local | Widespread | increase and range extension NE |
| Green Silver-lines | 74.008 | Pseudoips prasinana | Common | Widespread, particularly in W oakwoods | probable increase |
| Oak Nycteoline | 74.009 | Nycteola reveyana | Local | Scarce, scattered and local | numerical decline? |

APPENDIX A. PLAUSIBLE ADDITIONS

This section contains plausible historical records that cannot now be substantiated or refuted. It also includes more recent claims that are not yet considered proven beyond reasonable doubt. It is likely that some species will be upgraded to the main list when more evidence is obtained.

A large number of other unlikely species have been claimed as Scottish in the literature and elsewhere; these have not been included.

| | | | | | |
|--------------------------|--------|--------------------------|--------------------|---|--|
| Leopard Moth | 50.002 | Zeuzera pyrina | Common | SW one, 1889 | |
| Oak Lutestring | 65.014 | Cymatophorina diluta | Local | Borders, old records | |
| Lackey | 66.003 | Malacosoma neustria | Common | Old records, strays? | |
| Small Scallop | 70.015 | Idea emarginata | Local | SW 19c record | |
| Purple-barréd Yellow | B60 | Lythria purpuraria | | Perths. 19c; even White was sceptical | |
| Oblique Striped | 70.039 | Phibalapteryx virgata | Nb | Strays or misidentifications | |
| Wood Carpet | 70.062 | Epirrhoe rivata | local | Identification problems; may just reach Borders | |
| Waved Carpet | 70.113 | Hydrelia sylvata | Nb | SW, strays or misidentifications | |
| Scorched Carpet | 70.208 | Ligdia adustata | Local | SW, perhaps stray | |
| Blotched Emerald | 70.300 | Comibaena bajularia | Local | SW, perhaps stray | |
| Small Emerald | 70.302 | Hemistola chrysoprasaria | Local | id errors (many), possible adventive, no proven record | |
| Brown-tail | 72.012 | Euproctis chryorrhoea | Common | Name confusion, misidentification, stray? Also Goater <i>Ent. Gaz.</i> 48: 53-54, Angus 1996 - transportation in moth trap? | |
| Four-spotted | 73.031 | Tyta luctuosa | NA, suspected imm. | Specimen labelled Aberdeen 1908, but provenance suspect | |
| Dark Dagger | 73.037 | Acronicta tridens | Common | Many old claims, but still no irrefutable record | |
| Vine's Rustic | 73.099 | Hoplodrina ambigua | Common | Unverified records | |
| Reddish Light Arches | 73.164 | Apamea sublustris | Local | Probable misidentifications | |
| Barred Sallow | 73.180 | Tiliacea aurago | Common | Strays, misidentifications, clerical errors? | |
| Beautiful Arches | 73.240 | Mniotype satura | Immigrant? | Two 19c specimens labelled Aberdeen | |
| Light Brocade | 73.263 | Lacanobia w-latinum | Local | Known or probable misidentifications | |
| White-marked | 73.337 | Cerastis leucographa | Local | SW, strays or misidentifications? | |
| Short-cloaked | 74.003 | Nola cucullatella | Common | Old records, some possibly genuine | |
| Scarce Silver-lines | 74.007 | Bena bicolorana | Local | Probable name confusion | |
| Cream-bordered Green Pea | 74.011 | Earias clorana | Nb | Clyde Valley records considered suspect | |

APPENDIX B. ADVENTIVES

This section contains species with confirmed Scottish records, all of which were thought to have arrived here by accidental transportation with goods or produce.

Most are from overseas, but others are resident further south in Britain.

| | | | | |
|------------------------|---------|---------------------------|------------------------|---|
| Rustic Sphinx | 69.0052 | Manduca rustica | Adventive | Aberdeen docks, 1983 |
| Jade Hawk-moth | 69.0111 | Daphnis hypothous | Adventive | Perthshire 1873 |
| Oak Processionary Moth | 71.0010 | Thaumetopoea processionea | Imm., naturalised adv. | larvae on imported oaks in 2019, VC |
| Gypsy Moth | 72.011 | Lymantria dispar | Naturalised Adv. | VC86, larva July 2016, female moth reared |
| Banana Stowaway | 72.0253 | Antichloris eriphea | Adventive | Shetland 2001, VC94 2009 |
| Isabelline Tiger | 72.0272 | Pyrrarctica isabella | Adventive | larva Edinburgh, ca. 1970 |
| Great Leopard Moth | 72.0282 | Hypercombe scribonia | Adventive | Edinburgh 1969, Aberdeen docks 1994 |
| Scarlet Tiger | 72.029 | Callimorpha dominula | Local | VC73, one in June 1997 was considered adventive |
| Mullein | 73.058 | Cucullia verbasci | Common | VC85, 2013 larva in garden centre, moth reared |