

SCOTTISH MACRO-MOTH LIST, 2017

Vernacular Name	Code	Taxon	UK Status	Scottish status	Scottish Trend since 1980
Orange Swift	3.001	Triodia sylvina	Common	Widespread but local	stable
Common Swift	3.002	Korscheltellus lupulina	Common	Common S, scarce or absent N	stable
Map-winged Swift	3.003	Korscheltellus fuscobulbosa	Local	Common	stable
Gold Swift	3.004	Phymatopus hecta	Local	Common	stable
Ghost Moth	3.005	Hepialus humuli	Common	Common	stable
Goat Moth	50.001	Cossus cossus	Nb	Scarce and very local, mainly Highlands	stable?
Lunar Hornet Moth	52.003	Sesia bembeciformis	Common	Widespread but overlooked?	decline - G. S. Woodpecker predation?
Welsh Clearwing	52.005	Synanthedon scoliaeformis	RDB	Very local in Highlands	stable
Large Red-belted Clearwing	52.007	Synanthedon culiciformis	Nb	Widespread but overlooked?	stable
Red-tipped Clearwing	52.008	Synanthedon formicaeformis	Nb	Dumfries & Galloway, last seen in 1942	extinct, or overlooked?
Currant Clearwing	52.013	Synanthedon tipuliformis	Nb	SE only? Still present VC82 in 2014	major decline
Thrift Clearwing	52.016	Pyropteron muscaeformis	Nb	SW & NE coasts, very local	stable
Forester	54.002	Adscita statices	Local	Very local, W and SW	stable?
Transparent Burnet	54.004	Zygaena purpuralis	Na	Very local, west Highlands	stable
Slender Scotch Burnet	54.005	Zygaena loti	RDB	Mull only	stable
Mountain Burnet	54.006	Zygaena exulans	RDB	Very local, VC92	stable
New Forest Burnet	54.007	Zygaena viciae	RDB, protected	Very local, W coast	fluctuates
Six-spot Burnet	54.008	Zygaena filipendulae	Common	Common but mainly coastal	range expansion NW, also inland
Narrow-bordered Five-spot Burnet	54.009	Zygaena lonicerae	Common	SE, spreading; VC73; ssp. jocelynae on Skye RDB	major range expansion in SE
Scalloped Hook-tip	65.001	Falcaria lacertinaria	Common	Widespread, especially Highlands	stable
Oak Hook-tip	65.002	Watsonalla binaria	Common	Scarce, extreme SW	recent arrival?
Pebble Hook-tip	65.005	Drepana falcataria	Common	Widespread but local	stable
Chinese Character	65.007	Clix glaucata	Common	SW & SE only	small range expansion in SW
Peach Blossom	65.008	Thyatira batis	Common	Common	stable
Buff Arches	65.009	Habrosyne pyritoides	Common	Scarce and thinly spread, SW & SE	range expansion in SE
Figure of Eighty	65.010	Tethea ocellaris	Common	SW & SE	major range expansion in SE
Poplar Lutestring	65.011	Tethea or	Local	Widespread, Highlands	stable
Satin Lutestring	65.012	Tetheella fluctuosa	Local	Local, Great Glen and adjacent areas	increase?
Common Lutestring	65.013	Ochropacha duplaris	Common	Common	stable
Yellow Horned	65.016	Achyla flavicornis	Common	Common	stable
December Moth	66.001	Poecilocampa populi	Common	Common	stable
Pale Eggar	66.002	Trichiura crataegi	Common	Widespread	decline in numbers?
Small Eggar	66.005	Eriogaster lanestris	Nb	Extinct, previously in SW & SE	long extinct
Northern Eggar	66.007	Lasiocampa quercus callunae	Common	Common	stable
Fox Moth	66.008	Macrothylacia rubi	Common	Common	stable
Pine-tree Lappet	66.009	Dendrolimus pini	Common	Very local, near Inverness	stable
Drinker	66.010	Euthrix potatoria	Common	Common W, absent E except Berwickshire coast	stable
Kentish Glory	67.001	Endromis versicolora	Na	Very local, Highlands	some decline?
Emperor Moth	68.001	Saturnia pavonia	Common	Common	stable
Eyed Hawk-moth	69.002	Smerinthus ocellata	Common	Scarce SW, though known there since 1860	probable decline
Poplar Hawk-moth	69.003	Laothea populi	Common	Common	stable
Convolvulus Hawk-moth	69.004	Agrilus convolvuli	Immigrant	Scarce immigrant	more frequent
Death's-head Hawk-moth	69.005	Acherontia atropos	Immigrant	Rare immigrant	less frequent
Pine Hawk-moth	69.007	Sphinx pinastri	Local	Plausible old records: Mull larva 1860, Aberdeen (2) 1928	not applicable
Narrow-bordered Bee Hawk-moth	69.008	Hemaris tityus	Nb	Widespread in Highlands, esp. W coast & Speyside	major recovery after earlier decline
Humming-bird Hawk-moth	69.010	Macroglossum stellaratum	Immigrant	Regular immigrant, has bred	more frequent
Oleander Hawk-moth	69.011	Daphnis nerii	Immigrant	Very rare immigrant, last VC86 in 2014	no change
Bedstraw Hawk-moth	69.014	Hyles gallii	Imm, trans resident	Immigrant, esp. to Northern Isles. Has bred.	more frequent
Striped Hawk-moth	69.015	Hyles livornica	Immigrant	Rare immigrant	no change
Elephant Hawk-moth	69.016	Deilephila elpenor	Common	Common	expansion N and increase
Small Elephant Hawk-moth	69.017	Deilephila porcellus	Local	Widespread, mainly eastern	increase
Silver-striped Hawk-moth	69.018	Hippotion celerio	Immigrant	Very rare immigrant, last VC101 in 2010	no change
Small Dusty Wave	70.008	Idea seriata	Common	Widespread in E, strangely absent W	increase?
Satin Wave	70.009	Idea subsericeata	Common	Scarce, Dumfries & Galloway; specimens confirmed	stable?
Single-dotted Wave	70.011	Idea dimidiata	Common	Widespread in S, mainly coastal.	increase?
Small Fan-footed Wave	70.013	Idea biselata	Common	Common	stable
Riband Wave	70.016	Idea aversata	Common	Common	stable
Plain Wave	70.018	Idea straminata	Local	Widespread, mainly Highlands	stable
Mullein Wave	70.023	Scopula marginepunctata	Local	Scarce, Dumfries & Galloway	stable
Lesser Cream Wave	70.025	Scopula immutata	Local	Scarce and local, SW	stable
Smoky Wave	70.026	Scopula ternata	Local	Common, mainly western and Highlands	stable?
Cream Wave	70.027	Scopula floslactata	Local	Widespread in W, absent E	stable
Blood-vein	70.029	Timandra comae	Common	Scarce stray or immigrant, mainly to Northern Isles	no change
Birch Mocha	70.032	Cyclophora albipunctata	Local	Widespread Highlands, scarce or stray S	stable
Maiden's Blush	70.036	Cyclophora punctaria	Local	Last seen 1984 in VC95 - specimen exists	historical decline; present status unknown
Clay Triple-lines	70.037	Cyclophora linearia	Local	First in 2011, VC73; more SW records since	recent colonist
Vestal	70.038	Rhodometra sacraria	Immigrant	Immigrant, infrequent	no change?
Lead Belle	70.040	Scotopteryx mucronata	Local	Local, in Central Highlands only?	stable
July Belle	70.041	Scotopteryx luridata	Common	Widespread, mainly eastern or coastal	stable
Shaded Broad-bar	70.045	Scotopteryx chenopodiata	Common	Common, except in W	stable
Oblique Carpet	70.046	Orthonama vittata	Local	Widespread, but local and infrequent	decline?
Gem	70.047	Nycteroesa obstipata	Immigrant	Immigrant, infrequent	more frequent?
Red Carpet	70.048	Xanthorhoe decoloraria	Common, N,W	Common	decline in numbers
Garden Carpet	70.049	Xanthorhoe fluctuata	Common	Common	stable
Red Twin-spot Carpet	70.051	Xanthorhoe spadicearia	Common	Common	stable
Dark-barred Twin-spot Carpet	70.052	Xanthorhoe ferrugata	Common	Common in W, scarce or absent in E	stable
Flame Carpet	70.053	Xanthorhoe designata	Common	Common	stable
Silver-ground Carpet	70.054	Xanthorhoe montanata	Common	Abundant	stable
Large Twin-spot Carpet	70.055	Xanthorhoe quadrifasiata	Local	One in VC84 in 2014, status unknown	unknown
Royal Mantle	70.056	Catarhoe cuculata	Local	Very local and scarce, E central	decline
Yellow Shell	70.059	Campptogramma bilineata	Common	Common, especially near coast	stable
Small Argent and Sable	70.060	Epirrhoe tristata	Common, N,W	Common, mainly Western, but also Borders	stable
Common Carpet	70.061	Epirrita alternata	Common	Common	stable
Galium Carpet	70.063	Epirrita galiata	Local	Scattered and scarce, on limestone or basic rocks	decline?
Cloaked Carpet	70.064	Euphyia biangulata	Nb	Dumfries & Galloway, local and scarce	stable
Shoulder Stripe	70.066	Eorophila badiata	Common	Widespread, but scarce in W	stable
Streamer	70.067	Anticlea derivata	Common	Common	stable
Beautiful Carpet	70.068	Mesoleuca albicollata	Common	Widespread, but low density	increase and spread
Dark Spinach	70.069	Pelurga comitata	Common	Widespread but scarce, probably migratory	unknown
Mallow	70.070	Larentia clavaria	Common	Old records (specimens) from SE & SW	long extinct
Yellow-ringed Carpet	70.071	Entephria flavicinctata	Local, N,W	Widespread, mainly Highlands and NW	decline?
Grey Mountain Carpet	70.072	Entephria caesiata	Common	Common	decline in numbers
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	stable
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	<i>Eulithis testata</i>	Common	Common	stable
Northern Spinach	70.091	<i>Eulithis populata</i>	Common	Common	stable
Spinach	70.092	<i>Eulithis mellinata</i>	Common	Scattered and scarce, lowland	major decline; current status uncertain
Barred Straw	70.093	<i>Gandaritis pyraliata</i>	Common	Common	stable
Small Phoenix	70.094	<i>Eclipoptera silaceata</i>	Common	Common	stable
Red-green Carpet	70.095	<i>Chloroclysta siterata</i>	Common	Common	stable
Autumn Green Carpet	70.096	<i>Chloroclysta miata</i>	Local	Common	stable
Common Marbled Carpet	70.097	<i>Dysstroma truncata</i>	Common	Common	stable
Dark Marbled Carpet	70.098	<i>Dysstroma citrata</i>	Common	Abundant	stable
Beech-green Carpet	70.099	<i>Colostygia olivata</i>	Local	Widespread, prefers basic rock	stable
Green Carpet	70.100	<i>Colostygia pectinataria</i>	Common	Common	stable
Mottled Grey	70.101	<i>Colostygia multistrigaria</i>	Common	Common	stable
Striped Twin-spot Carpet	70.102	<i>Coenoteophria salicata</i>	Common	Widespread but local, often infrequent	decline?
Water Carpet	70.103	<i>Lampropteryx suffumata</i>	Common	Common	stable
Devon Carpet	70.104	<i>Lampropteryx oregiata</i>	Nb	Recent colonist, VC74 in 2013	increase and spread
Northern Winter Moth	70.105	<i>Oporoptera fagata</i>	Common	Widespread	stable
Winter Moth	70.106	<i>Oporoptera brumata</i>	Common	Common	stable
November Moth	70.107	<i>Epirrita dilutata</i>	Common	Common	stable
Pale November Moth	70.108	<i>Epirrita christyi</i>	Common	Widespread but local	increase and spread
Autumnal Moth	70.109	<i>Epirrita autumnata</i>	Common	Common	stable
Small Autumnal Moth	70.110	<i>Epirrita filligrammaria</i>	Common	Common	stable
Small White Wave	70.111	<i>Asthena albulata</i>	Common	Very thinly scattered and scarce	unknown
Dingy Shell	70.112	<i>Euchoeca nebulata</i>	Local	Sparse and local, mainly E	increase
Small Yellow Wave	70.114	<i>Hydrelia flammeolaria</i>	Common	S and Central, local and infrequent	stable
Welsh Wave	70.115	<i>Venusia cambrica</i>	Local	Common	stable
Blomer's Rivulet	70.116	<i>Venusia blomeri</i>	Nb	Discovered in VC97 in 2013; one VC96 in 2014	recent arrival?
Argent & Sable	70.120	<i>Rheumaptera hastata</i>	Nb	Common W, absent E	stable
Scallop Shell	70.121	<i>Hydria undulata</i>	Local	Local & scarce, SW; one in VC81, 2014	range expansion northwards
Scarce Tissue	70.122	<i>Hydria cervinalis</i>	Local	Scarce and restricted, E	some increase?
Tissue	70.123	<i>Triphosa dubitata</i>	Local	Scarce & easily overlooked, S; vagrant N	unknown
Slender-striped Rufous	70.125	<i>Coenocalpe lapidata</i>	Na	Local and scattered, Highlands	some decrease?
Chimney Sweeper	70.130	<i>Odezia atrata</i>	Common	Common	stable
Twin-spot Carpet	70.131	<i>Mesotype didymata</i>	Common	Abundant	stable
Rivulet	70.132	<i>Perizoma affinitata</i>	Common	Common	stable
Small Rivulet	70.133	<i>Perizoma alchemillata</i>	Common	Common	stable
Barred Rivulet	70.134	<i>Perizoma bifaciata</i>	Local	Southern and coastal, local	increase and spread
Heath Rivulet	70.135	<i>Perizoma minorata</i>	Nb	Mainly central Highlands, local and elusive	decline and contraction
Pretty Pinion	70.136	<i>Perizoma blandiata</i>	Local	Common, mainly Highlands and Islands	stable
Grass Rivulet	70.137	<i>Perizoma albulata</i>	Local	Widespread but local	decline?
Sandy Carpet	70.138	<i>Perizoma flavofasciata</i>	Common	Common	increase and range expansion
Barred Carpet	70.139	<i>Martania taeniata</i>	Na	Scattered and local, mainly Highlands	increase and spread
Double-striped Pug	70.141	<i>Gymnoscelis ruffifasciata</i>	Common	Common	stable
V-Pug	70.142	<i>Chloroclystis v-ata</i>	Common	Widespread W and Central Belt, scarce E	increase, spreading N
Sloe Pug	70.143	<i>Pasiphila chloerata</i>	Common	Scarce, Dumfries & Galloway; one VC83 in 2014	unknown
Green Pug	70.144	<i>Pasiphila rectangulata</i>	Common	Widespread	stable
Bilberry Pug	70.145	<i>Pasiphila debiliata</i>	Nb	Very local, SW & W	perhaps increase
Haworth's Pug	70.146	<i>Eupithecia haworthiata</i>	Local	VC81, one in 2013; VC85 one in 2017	colonist?
Slender Pug	70.147	<i>Eupithecia tenuiata</i>	Common	Widespread	stable
Maple Pug	70.148	<i>Eupithecia inturbata</i>	Local	Borders: VC80 in 2011, VC81 in 2012	recent arrival
Cloaked Pug	70.149	<i>Eupithecia abietaria</i>	Uncommon, imm.?	Sporadic and rare and/or elusive habits?	unknown
Toadflax Pug	70.150	<i>Eupithecia linariata</i>	Common	Central Belt, local and scarce	unknown
Foxglove Pug	70.151	<i>Eupithecia pulchellata</i>	Common	Common	stable
Lead-coloured Pug	70.153	<i>Eupithecia plumbeolata</i>	Nb	Sparsely distributed and very local, Central	unknown
Marsh Pug	70.154	<i>Eupithecia pygmaeata</i>	Nb	Widely scattered, local and perhaps overlooked	stable?
Netted Pug	70.155	<i>Eupithecia venosata</i>	Local	Scattered, local; commonest in Northern Isles	decline?
Brindled Pug	70.156	<i>Eupithecia abbreviata</i>	Common	Common	stable
Oak-tree Pug	70.157	<i>Eupithecia abdoneata</i>	Common	Recent colonist, SW in 2002, now scattered S	increase and spread
Juniper Pug	70.158	<i>Eupithecia pusillata</i>	Common	Common, especially Highlands	stable
White-spotted Pug	70.160	<i>Eupithecia tripunctaria</i>	Local	Widespread but infrequent	stable?
Golden-rod Pug	70.161	<i>Eupithecia virgaureata</i>	Local	Common	stable
Dwarf Pug	70.162	<i>Eupithecia tantillaria</i>	Common	Common	stable
Larch Pug	70.163	<i>Eupithecia lariciata</i>	Common	Common	stable
Pimpinel Pug	70.165	<i>Eupithecia pimpinellata</i>	Local	VC81 (several) & VC85 in 2014; VC82 in 2017	colonist
Plain Pug	70.166	<i>Eupithecia simpliciatata</i>	Local	Very local and scarce, VC74, VC82, VC86	unknown
Narrow-winged Pug	70.168	<i>Eupithecia nanata</i>	Common	Common	stable
Angle-barred or Ash Pug	70.169	<i>Eupithecia innotata</i>	Common	Widespread but infrequent	stable
Ochreous Pug	70.171	<i>Eupithecia indigata</i>	Common	Widespread, especially in Highlands	stable
Thyme Pug	70.172	<i>Eupithecia distinctaria</i>	Nb	Scattered and very local, mainly W coast & Isles	unknown
Lime-speck Pug	70.173	<i>Eupithecia centaureata</i>	Common	Widespread, mainly on sandy coasts	increase and spread
Triple-spotted Pug	70.175	<i>Eupithecia trisignaria</i>	Local	Widespread but sparse, very local and infrequent	unknown
Edinburgh/Freyer's Pug	70.176	<i>Eupithecia intricata</i>	Common	Widespread; the two races now merged in S	Freyer's Pug major spread, Edinburgh Pug stable
Satyr Pug	70.177	<i>Eupithecia satyratea</i>	Common	Common, especially in N	stable
Wormwood/Ling Pug	70.179	<i>Eupithecia absinthiata</i>	Common	Common	stable
Bleached Pug	70.180	<i>Eupithecia expallidata</i>	Nb	Local and scarce, W Highlands	unknown
Valerian Pug	70.181	<i>Eupithecia valerianata</i>	Nb	Sparsely scattered, very local	increase?
Currant Pug	70.182	<i>Eupithecia assimilata</i>	Common	Widespread	stable
Common Pug	70.183	<i>Eupithecia vulgata</i>	Common	Common	stable
Mottled Pug	70.184	<i>Eupithecia exiguata</i>	Common	Widespread, but mainly S & E	stable
Tawny Speckled Pug	70.187	<i>Eupithecia icterata</i>	Common	Common	stable
Bordered Pug	70.188	<i>Eupithecia succenturiata</i>	Common	Very local and infrequent, mainly Central Belt	stable?
Shaded Pug	70.189	<i>Eupithecia subumbrata</i>	Local	Very local, W coast	increase?
Grey Pug	70.190	<i>Eupithecia subfuscata</i>	Common	Common	stable
Manchester Treble-bar	70.191	<i>Carsia sororiata</i>	Nb	Widespread, especially Highlands & NW	stable
Treble-bar	70.192	<i>Aplocera plagiata</i>	Common	Common	decline?
Lesser Treble-bar	70.193	<i>Aplocera efformata</i>	Common	Recent arrival, mainly Lothians on bings	major increase and spread
Streak	70.195	<i>Chesias legatella</i>	Common	Common E, scarcer on west coast and Hebrides	stable
Broom-tip	70.196	<i>Chesias rufata</i>	Nb	Widespread but local	stable?
Seraphim	70.198	<i>Lobophora halterata</i>	Local	Widespread, mainly Highlands	increase in central belt
Small Seraphim	70.199	<i>Pterapherapteryx sexualata</i>	Local	Scarce and local, SW; Perthshire?	unknown
Yellow-barred Brindle	70.200	<i>Acasis viretata</i>	Local	Widespread but local	increase and spread into E
Barred Tooth-striped	70.201	<i>Trichopteryx polycommata</i>	Na	Very local, mainly Great Glen	unknown
Early Tooth-striped	70.202	<i>Trichopteryx carpinata</i>	Common	Common	stable
Orange Underwing	70.203	<i>Archiearis parthenias</i>	Local	Widespread, mainly Highlands	decline?
Maggie	70.205	<i>Abraxas grossulariata</i>	Common	Abundant NW & Isles, otherwise scarce and urban	heather race spreading in N
Clouded Magpie	70.206	<i>Abraxas sylvata</i>	Local	SW only, local and scarce	stable?
Clouded Border	70.207	<i>Lomasipilis marginata</i>	Common	Common	increase
Peacock Moth	70.211	<i>Macaria notata</i>	Local	Widespread Highlands & Islands, absent S	increase and spread
Sharp-angled Peacock	70.212	<i>Macaria alternata</i>	Local	Scarce and local, Great Glen only?	unknown
Tawny-barred Angle	70.214	<i>Macaria liturata</i>	Common	Common	stable
V-Moth	70.215	<i>Macaria wauaria</i>	Local	Scarce and scattered, lower ground	severe decline
Netted Mountain Moth	70.216	<i>Macaria carbonaria</i>	RDB	Very local, central Highlands	decline
Rannoch Looper	70.217	<i>Macaria brunneata</i>	Na	Local, Highlands	increase?
Latticed Heath	70.218	<i>Chiasmia clathrata</i>	Common	Common S, scarce or stray in N	increase and expansion N
Frosted Yellow	70.220	<i>Isturgia limbaria</i>	Extinct	Extinct; formerly in Perthshire & East Ross	long extinct
Brown Silver-line	70.222	<i>Petrophora chlorosata</i>	Common	Common	stable
Barred Umber	70.223	<i>Plagodis pulveraria</i>	Local	Widespread, mainly W; absent or scarce in E	stable
Scorched Wing	70.224	<i>Plagodis dolabraria</i>	Local	Widespread except NE	major range expansion N

Brimstone Moth	70.226	<i>Opisthographis luteolata</i>	Common	Common	stable
Bordered Beauty	70.227	<i>Epione repandaria</i>	Common	Widespread in W; scarce in E	stable
Dark Bordered Beauty	70.228	<i>Epione vespertaria</i>	RDB	Extremely restricted, Highlands	fluctuates
Speckled Yellow	70.229	<i>Pseudopanthera macularia</i>	Common	Widespread in W, scarce or absent E	stable
Lilac Beauty	70.231	<i>Apeira syringaria</i>	Local	local in S, suburban?	major range expansion N
August Thorn	70.233	<i>Ennomos quercinaria</i>	Local	Scarce, Dumfries & Galloway; one confirmed in VC106	unknown
Canary-shouldered Thorn	70.234	<i>Ennomos alniaria</i>	Common	Common	stable
September Thorn	70.236	<i>Ennomos erosaria</i>	Common	Common	decline?
Early Thorn	70.237	<i>Selenia dentaria</i>	Common	Common	stable
Lunar Thorn	70.238	<i>Selenia lunularia</i>	Local	Common	stable
Purple Thorn	70.239	<i>Selenia tetralunaria</i>	Common	Widespread but local; infrequent	increase?
Scalloped Hazel	70.240	<i>Odontopera bidentata</i>	Common	Common	stable
Scalloped Oak	70.241	<i>Crocallis elinguarua</i>	Common	Common	stable
Swallow-tailed Moth	70.243	<i>Ourapteryx sambucaria</i>	Common	Common S & Central, absent further N	major range expansion into NE
Feathered Thorn	70.244	<i>Colotois pennaria</i>	Common	Common	stable
March Moth	70.245	<i>Alsophila aescularia</i>	Common	Widespread	increase and spread
Pale Brindled Beauty	70.247	<i>Phigalia pilosaria</i>	Common	Common	stable
Brindled Beauty	70.248	<i>Lycia hirtaria</i>	Common	Common Highlands, absent S?	stable
Rannoch Brindled Beauty	70.249	<i>Lycia lapponaria</i>	Na	Scattered and local, Highlands	decline central Highlands, increase in W?
Belted Beauty	70.250	<i>Lycia zonaria</i>	Na	Local, Hebrides	stable
Oak Beauty	70.251	<i>Biston strataria</i>	Common	Local, mainly SW and central W	increase and spread?
Peppered Moth	70.252	<i>Biston betularia</i>	Common	Common	stable
Spring Usher	70.253	<i>Agriopsis leucophaearia</i>	Common	Widespread but local S, absent N	decline?
Scarce Umber	70.254	<i>Agriopsis aurantaria</i>	Common	Common	uncertain
Dotted Border	70.255	<i>Agriopsis marginaria</i>	Common	Common	stable
Mottled Umber	70.256	<i>Erannis defoliaria</i>	Common	Common	stable
Willow Beauty	70.258	<i>Peribatodes rhomboidaria</i>	Common	Widespread, but scarce away from towns	decline in N?
Bordered Grey	70.262	<i>Selidosema brunnearia</i>	Na	Very restricted, W coast and VC91	unknown
Ringed Carpet	70.263	<i>Cleora cinctaria</i>	Na	Very local, mainly W Highlands	stable
Satin Beauty	70.264	<i>Deileptenia ribeata</i>	Common	Widespread	major range expansion N
Mottled Beauty	70.265	<i>Alcis repandata</i>	Common	Common	stable
Dotted Carpet	70.266	<i>Alcis jubata</i>	Local	Widespread	major increase and range expansion
Engrailed	70.270	<i>Ectropis crepuscularia</i>	Common	Common	stable
Small Engrailed	70.271	<i>Ectropis sp.</i>	Local	Dumfries & Galloway, scarce; one in VC81 in 2014	perhaps spreading to SE, Lothians
Grey Birch	70.274	<i>Aethalura punctulata</i>	Common	Mainly NW & W, local and infrequent; absent E	increase and spread?
Common Heath	70.275	<i>Ematurga atomaria</i>	Common	Common	stable
Bordered White	70.276	<i>Bupalus piniaria</i>	Common	Common	stable
Common White Wave	70.277	<i>Cabera pusaria</i>	Common	Common	stable
Common Wave	70.278	<i>Cabera exanthemata</i>	Common	Common	stable
White-pinion Spotted	70.279	<i>Lomographa bimaculata</i>	Common	First VC73 in 1997, up to VC86 by 2014	major range expansion
Clouded Silver	70.280	<i>Lomographa temerata</i>	Common	Widespread, but mainly W & Central Belt	major range expansion N
Early Moth	70.282	<i>Theria primaria</i>	Common	Scattered & local, S; also VC106	stable?
Light Emerald	70.283	<i>Campaea margaritata</i>	Common	Common	stable
Barred Red	70.284	<i>Hyleaa fasciaria</i>	Common	Common	stable
Scotch Annulet	70.285	<i>Gnophos obfuscata</i>	Nb	Widespread, Highlands only	decrease?
Annulet	70.287	<i>Charissa obscurata</i>	Local	Scattered and scarce, coastal	stable
Brussels Lace	70.288	<i>Cleorodes lichenaria</i>	Local	Widespread but clustered, absent from large areas	probable increase
Black Mountain Moth	70.289	<i>Glacies coracina</i>	Na	Highlands, widespread in suitable habitat	stable or possible increase
Grey Scalloped Bar	70.292	<i>Dyscia fagaria</i>	Local	Widely scattered but infrequent	marked decline
Grass Wave	70.295	<i>Perconia strigillaria</i>	Local	Scattered in local clusters, absent from large areas	uncertain
Grass Emerald	70.297	<i>Pseudoterpna pruinata</i>	Common	Local and infrequent, S	uncertain
Large Emerald	70.299	<i>Geometra papilionaria</i>	Common	Common	stable
Little Emerald	70.303	<i>Jodis lactearia</i>	Common	Sparse and scattered, W	perhaps recent increase
Common Emerald	70.305	<i>Hemitea aestivaria</i>	Common	Dumfries & Galloway, local and scarce	colonist, first 1977; perhaps decline
Puss Moth	71.003	<i>Cerura vinula</i>	Common	Widespread	serious decline except in W. Is Isles -woodpecker predation?
Sallow Kitten	71.005	<i>Furcula furcula</i>	Common	Widespread	stable
Marbled Brown	71.010	<i>Drymonia dodonea</i>	Local	Local, SW & W only	perhaps increase
Lunar Marbled Brown	71.011	<i>Drymonia ruficornis</i>	Common	Widespread, mainly in W	increase?
Iron Prominent	71.012	<i>Notodonta dromedarius</i>	Common	Common	stable
Pebble Prominent	71.013	<i>Notodonta ziczac</i>	Common	Common	stable
Great Prominent	71.016	<i>Peridea anceps</i>	Local	SW and Central Belt, local	stable
Swallow Prominent	71.017	<i>Pheosia tremula</i>	Common	Widespread	increase?
Lesser Swallow Prominent	71.018	<i>Pheosia gnoma</i>	Common	Common	stable
Pale Prominent	71.020	<i>Pterostoma palpina</i>	Common	Widespread	increase and spread
Coxcomb Prominent	71.021	<i>Ptilodon capucina</i>	Common	Common	stable
Scarce Prominent	71.023	<i>Odontosis 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>Dicallopera fascelina</i>	Local	Widespread, but absent from W coast	stable
Vapourer	72.017	<i>Orygia antiqua</i>	Local	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 on Fair Isle, 2002 (photos)	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>Utethisa pulchella</i>	Immigrant	Very rare migrant, VC73 two in 1961	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: VC106 1967, VC73 2004, VC74 (two) 2006	no change
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 & SE in 2008 - 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>Hyponodes humidalis</i>	Nb	Widely scattered, mainly in W	increase and range expansion
Pinion-streaked Snout	72.061	<i>Schrankia costaeatrigalis</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	no change
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 in 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	Catocala fraxini	Imm, trans. Res.	Scarce immigrant, E coast and Northern Isles	becoming less frequent
Red Underwing	72.078	Catocala nupta	Common	Very occasional, extreme S - colonist or stray?	no change
Dark Crimson Underwing	72.081	Catocala sponsa	RDB, immigrant	Orkney 2017, immigrant	not applicable
Burnet Companion	72.083	Euclidia glyphica	Common	Scarce and local, mainly Borders; old records further N	historical decrease, currently stable?
Mother Shipton	72.084	Euclidia mi	Common	Widespread but local	stable
Spectacle	73.001	Abrostola tripartita	Common	Common	stable
Dark Spectacle	73.002	Abrostola triplasia	Common	Mainly SW, infrequent; absent NE	stable?
Golden Twin-spot	73.008	Chrysodeixis chalcites	Imm., adventive	Rare immigrant (1978, 1990); adventive larva 2010	not applicable
Dewick's Plusia	73.010	Macdonoughia confusa	Immigrant	Rare immigrant to Northern Isles, last 2014	not applicable
Burnished Brass	73.012	Diachrysis chrysis	Common	Common	stable
Golden Plusia	73.014	Polychrysis moneta	Common	Local & scarce, S; previously to Aberdeen	serious decline and range contraction
Silver Y	73.015	Autographa gamma	Immigrant	Immigrant, often abundant; breeds annually	no change
Beautiful Golden Y	73.016	Autographa pulchrina	Common	Common	stable
Plain Golden Y	73.017	Autographa jota	Common	Widespread, but often infrequent	decrease in N
Gold Spangle	73.018	Autographa bractea	Common	Common	stable
Scarce Silver Y	73.021	Syngrapha interrogationis	Local	Widespread, especially Highlands	stable in Highlands, but decrease in S?
Gold Spot	73.022	Plusia festucae	Common	Common	marked decrease in numbers
Lempke's Gold Spot	73.023	Plusia putnami	Local	Common	dramatic increase and spread
Silver Hook	73.026	Deltois uncula	Local	Widespread but local W, absent E	stable
Four-spotted	73.031	Tyta luctuosa	Na; suspected imm.	One, Aberdeen 1908; specimen exists	not applicable
Nut-tree Tussock	73.032	Colocasia coryli	Common	Common	stable
Figure of Eight	73.033	Diloba caeruleocephala	Common	Extreme S only, scarce	marked decline and range contraction
Reed Dagger	73.035	Simyra albivenosa	Nb; suspected imm.	Vagrant to Shetland, two in 2008 (photos seen)	not applicable
Alder Moth	73.036	Acronicta alni	Local	SW, then reaching VC85 & VC98 by 2017	major range expansion N
Dark Dagger	73.037	Acronicta tridens	Common	Two gen. det. From Orkney (but females...)	status uncertain
Grey Dagger	73.038	Acronicta psi	Common	Common	stable
Miller	73.040	Acronicta leporina	Common	Widespread, but never numerous	stable
Light Knot Grass	73.042	Acronicta menyanthidis	Local	Widespread Highlands, scarce in S	stable
Sweet Gale Moth	73.044	Acronicta cinerea	Na	Local, Highlands	stable?
Knot Grass	73.045	Acronicta rumericis	Common	Common	stable
Poplar Grey	73.046	Subacronicta megacephala	Common	Very local amongst aspen, Speyside & N; also D&G	stable?
Coronet	73.047	Craniozona ligustri	Local	Widespread, especially in W	probable increase and spread
Small Yellow Underwing	73.048	Panemeria tenebrata	Local	Formerly SW & SE, no recent records	extinct? SW last seen 1941 in VC73
Shark	73.052	Cucullia umbratica	Common	Widespread but not numerous	stable
Chamomile Shark	73.053	Cucullia chamomillae	Local	Widespread in E, especially on coast	dramatic range expansion, now slowed
Anomalous	73.061	Stilbia anomola	Local	Widespread	some decline?
Copper Underwing	73.062	Amphipyra pyramidea	Common	Now widespread to Central Belt, but mainly SW & W	major increase and range expansion N
Svensson's Copper Underwing	73.063	Amphipyra berbera	Common	Now widespread to Central Belt, but mainly E	major increase and range expansion N
Mouse Moth	73.064	Amphipyra tragopoginis	Common	Common E, scarcer in W	decline in numbers
Rannoch Sprawler	73.066	Brachionycha nubeculosa	RDB	Local, Highlands; apparently doing well	probable increase and slight spread
Green-brindled Crescent	73.068	Allophyes oxyacanthae	Common	Common	stable
Early Grey	73.069	Xylocampa areola	Common	Widespread W, scarce or absent most of E	increase and spread?
Bordered Sallow	73.070	Pyrrhia umbra	Local	Coastal and very local, SW & SE	unclear
Spotted Clover	73.071	Protoschinia scutosa	Immigrant	Very rare immigrant: VC91 in 1878, VC96 in 1960	not applicable
Bordered Straw	73.074	Heliothis peltigera	Immigrant	Scarce immigrant	more frequent?
Scarce Bordered Straw	73.076	Helicoverpa armigera	Immigrant	Scarce immigrant, also adventive larvae	more frequent?
Marbled Beauty	73.084	Bryophila domestica	Common	Widespread S & NE, absent NW	perhaps increase
Small Mottled Willow	73.087	Spodoptera exigua	Immigrant	Scarce immigrant, also adventive larvae	no change?
Mottled Rustic	73.092	Caradrina morpheus	Common	Rather local, often coastal, absent from much of W	stable
Pale Mottled Willow	73.095	Caradrina clavipalpis	Common	Widely scattered but sparse	major decrease, all areas
Uncertain	73.096	Hoplodrina octogenaria	Common	Scattered but local and infrequent	probable increase
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	Thalpoiphila matura	Common	Sparsely scattered, mainly coastal	decline
Saxon	73.110	Hyppa rectilinea	Nb	Widespread	stable
Angle Shades	73.113	Phlogophera 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: confusion with lucens; migrant to Northern 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
Criman 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
Small Rufous	73.142	Coenobia rufa	Local	Confirmed in VC73, 2011; old records elsewhere	no change
Small Wainscot	73.144	Denticucullus pygmina	Common	Common	stable
Small Dotted Buff	73.147	Photedes 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 unanimitis	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	Very rare, (vagrant?) Shetland; VC87 in 1999.	not applicable
Dark Arches	73.162	Apamea monoglypha	Common	Common	stable
Light Arches	73.163	Apamea lithoxyloa	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 lychnids	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

Floenced 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 one in 2017	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	Aethmia centrago	Common	Common	stable
Minor Shoulder-knot	73.220	Brachyomia viminalis	Common	Common, but becoming less numerous	decline
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	Griposia 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	decline
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	Dasyptilia templi	Local	Common NE, local and scarcer elsewhere	decline, especially in NE
Feathered Ranunculus	73.235	Polyxixis lichenea	Local	Local, SW coast	probably increase
Dark Brocade	73.238	Mniotype adusta	Common	Common	stable
Bedrule Brocade	73.239	Mniotype solleri	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
Common Quaker	73.244	Orthosia cerasi	Common	Common	stable
Small Quaker	73.245	Orthosia cruda	Common	Widespread but local	slight range expansion, N & NE
Lead-coloured Drab	73.246	Orthosia populeti	Local	Very local, E Highlands only	uncertain
Powdered Quaker	73.247	Orthosia gracilis	Common	Widespread, but scarce or absent NE	stable
Northern Drab	73.248	Orthosia opima	Local	VC80 specimen, 1988; VC81 specimens to 1956	decline - extinct?
Hebrew Character	73.249	Orthosia gothica	Common	Common	stable
Twin-spotted Quaker	73.250	Anorthoa munda	Common	Widespread S & Central, reaching inner Moray Firth	major increase and range expansion
Hedge Rustic	73.252	Tholera cespitis	Common	Widespread on lower ground and sandy coasts	decline, followed by recovery?
Feathered Gothic	73.253	Tholera decimialis	Common	Confirmed recent records only from extreme SW & SE	decline and range contraction
Antler Moth	73.254	Cerapteryx graminis	Common	Common	stable
Nutmeg	73.255	Anarta trifolii	Common	Scattered, infrequent: migrant or temp. resident only?	uncertain
Broad-bd. White Underwing	73.256	Anarta melanopa	RDB	Local, Highlands; recent confirmed records from Borders	stable?
Beautiful Yellow Underwing	73.257	Anarta myrtilli	Common	Common E Highlands, scarcer elsewhere	stable
Small Dark Yellow Underwing	73.258	Coranarta cordigera	Na	Central Highlands, local and elusive	apparent decline
Pale Shining Brown	73.259	Polia bombycina	pRDB	Extinct; 19th century specimens from Perthshire	long extinct
Silvery Arches	73.260	Polia hepatica	Nb	Local and infrequent, mainly Highlands	probable decline
Grey Arches	73.261	Polia nebulosa	Common	Common W, absent most of E	stable
Pale-shouldered Brocade	73.264	Lacanobia thalassina	Common	Common	stable
Beautiful Brocade	73.265	Lacanobia contigua	Local	Local and infrequent west, absent E	stable?
Dog's Tooth	73.266	Lacanobia susa	Local	Very local, SW & VC82; migrant to Northern Isles	range expansion
Bright-line Brown-eye	73.267	Lacanobia oleracea	Common	Common	stable
Splendid Brocade	73.268	Lacanobia splendens	Immigrant	Rare immigrant: Shetland, 2010, gen. det. Jon Clifton	not applicable
Dot Moth	73.270	Melanchnra persicariae	Common	Scattered and local, S	some increase
Broom Moth	73.271	Ceramica pisi	Common	Common	stable
Glaucous Shears	73.272	Papestra biren	Local	Common	stable
Shears	73.273	Hada plebeja	Common	Common	perhaps decline
Cabbage Moth	73.274	Mamestra brassicae	Common	Widespread E and Central Belt, scarce in W	probable decline
White Colon	73.275	Sideridis turbida	Nb	Very local and scarce; only recent records VC85 & VC91	decline; now elusive
Campion	73.276	Sideridis rivularis	Common	Common	stable
Broad-barred White	73.279	Hecatera bicolorata	Common	Scattered and infrequent, SW & E; absent most of W	stable
Lychnis	73.281	Hadena bicurris	Common	Common	stable
Marbled Coronet	73.283	Hadena confusa	Local	Common; coastal except on Spey shingle	stable
Grey	73.285	Hadena caesia	RDB	Extremely local, Hebrides	unknown
Tawny Shears	73.286	Hadena perplexa	Common	SW only, local and coastal; old records in SE	historical decline and range contraction
Brown-line Bright-eye	73.290	Mythimna conigera	Common	Common SW & E, scarcer in W	decline in numbers
Common Wainscot	73.291	Mythimna pallens	Common	Common at lower altitude, scarce on higher ground	stable
Smoky Wainscot	73.293	Mythimna impura	Common	Abundant	stable
Southern Wainscot	73.294	Mythimna straminea	Local	First D&G in 1996; Islay; Firth of Forth in 2013; local	slow range expansion
Delicate	73.295	Mythimna vitellina	Immigrant	Rare immigrant, several in 2006	perhaps more frequent
American Wainscot; White-speck	73.296	Mythimna unipuncta	Immigrant	Scarce immigrant	perhaps more frequent
Clay	73.298	Mythimna ferrago	Common	Common	stable
Shore Wainscot	73.299	Mythimna littoralis	Nb	Scattered and very local, VC74, VC85, VC91, VC97	unknown
Shoulder-striped Wainscot	73.301	Leucania comma	Common	D&G and low ground in E but rarely numerous; absent W	stable
Obscure Wainscot	73.302	Leucania obsoleta	Local	VC73 since 2002, scarce and local. VC82, one in 2014	slow expansion?
Cosmopolitan	73.304	Leucania loreyi	Immigrant	VC72, one in 2006	not applicable
Pearly Underwing	73.307	Peridroma saucia	Immigrant	Regular immigrant	no change
Portland Moth	73.308	Actebia praecox	Nb	Recent records only E coast, Spey shingle; very local	major decline: now lost from W?
Eversmann's Rustic	73.309	Actebia fennica	Rare immigrant	VC93, one in 1977	not applicable
Black Collar	73.310	Dichagyris flammata	Rare immigrant	Shetland, one in 1997	not applicable
Coast Dart	73.311	Euxoa cursoria	Nb	Very locally abundant, SW and E coast	stable
Square-spot Dart	73.312	Euxoa obelisca	Nb	Very local, Dumfries & Galloway, E coast; infrequent	perhaps increase
White-line Dart	73.313	Euxoa tritici	Common	Widespread on coast, also Spey shingles; scarce inland	decrease inland
Garden Dart	73.314	Euxoa nigricans	Common	Widespread but scarce, mainly SW & E	severe decline
Heart & Dart	73.317	Agrotis exclamatoris	Common	Widespread at lower altitudes, but not often numerous	stable
Turnip Moth	73.319	Agrotis segetum	Common	Widespread at lower altitudes, scarcer NW; also migrant	stable
Heart & Club	73.320	Agrotis clavus	Common	Scattered, scarce and coastal, SW & E	probable increase
Archer's Dart	73.322	Agrotis vestigialis	Local	Locally abundant, sandy coasts; also Spey shingles	stable
Sand Dart	73.323	Agrotis ripae	Nb	Extremely local, VC74 & E coast only	stable
Crescent Dart	73.324	Agrotis trux	Local	Dumfries & Galloway only, sometimes numerous	recent colonist, first record 1999
Shuttle-shaped Dart	73.325	Agrotis puta	Common	Sporadic singles, D & G, E coast; potential colonist	recent increase in SE
Dark Sword-grass	73.327	Agrotis ipsilon	Immigrant	Regular immigrant, throughout	no change
Flame	73.328	Axylia putris	Common	Widespread S and Central Belt, scarcer northwards	stable
Flame Shoulder	73.329	Ochropleura plecta	Common	Common	stable
Barred Chestnut	73.331	Diarsia dahlii	Local	Common	stable
Purple Clay	73.332	Diarsia brunnea	Common	Common	stable
Ingrailed Clay	73.333	Diarsia mendica	Common	Common	stable
Small Square-spot	73.334	Diarsia rubi	Common	Common	stable
Red Chestnut	73.336	Cerastis rubricosa	Common	Common	perhaps increase in W
True Lover's Knot	73.338	Lycophotia porphyrea	Common	Common	stable
Dotted Rustic	73.339	Rhyacia simulans	Local	Widespread E near coast, infrequent; scarce elsewhere	major increase in NE
Northern Rustic	73.341	Standfussiana lucerneae	Local	Widespread rocky coasts and hills	decline inland?
Large Yellow Underwing	73.342	Noctua pronuba	Common	Common	stable
Broad-bd. Yellow Underwing	73.343	Noctua fimbriata	Common	Widespread, but never numerous	perhaps increase?

Lunar Yellow Underwing	73.344	Noctua orbona	Nb	Scarce and very local, E	decline; present status uncertain
Lesser Yellow Underwing	73.345	Noctua comes	Common	Common	stable
Least Yellow Underwing	73.346	Noctua interjecta	Common	Widespread SW & SE, also confirmed in Outer Hebrides	major range expansion - no dots in 1977
Lesser Broad-bd. Yellow Und.	73.348	Noctua janthe	Common	Common	stable
Stout Dart	73.349	Spaelotis ravida	Local	Extinct; old records include VC82, specimen 1870	long extinct
Great Brocade	73.350	Eurois occulta	Nb, immigrant	Widespread resident, Highlands; immigrant elsewhere	stable
Double Dart	73.351	Graphiphora augur	Common	Common	stable
Green Arches	73.352	Anaplectoides prasina	Common	Common	stable
Dotted Clay	73.353	Xestia baja	Common	Common	stable
Square-spotted Clay	73.354	Xestia stigmatica	Nb	Very local, W; one confirmed in VC84, 2013	unknown
Neglected Rustic	73.355	Xestia castanea	Local	Widespread but local, usually infrequent	stable
Heath Rustic	73.356	Xestia agathina	Local	Widespread but local, usually infrequent	stable
Square-spot Rustic	73.357	Xestia xanthographa	Common	Abundant	stable
Six-striped Rustic	73.358	Xestia sexstrigata	Common	Common	stable
Setaceous Hebrew Character	73.359	Xestia c-nigrum	Common	Common E, much scarcer in W	stable
Triple-spotted Clay	73.360	Xestia ditrapezium	Local	Common W, absent E	stable
Double Square-spot	73.361	Xestia triangulum	Common	Common	stable
Northern Dart	73.363	Xestia alpicola	Na	Very local, N; discovered in Borders, 2014	unknown
Autumnal Rustic	73.365	Eugnorisma glareosa	Common	Common	stable
Plain Clay	73.366	Eugnorisma depuncta	Nb	Widespread E, especially Highlands, scarce or absent W	stable Highlands, increase Borders?
Cousin German	73.367	Protolampra sobrina	Na	Local, central Highlands	stable?
Gothic	73.368	Naenia typica	Local	Widespread but not numerous	stable
Least Black Arches	74.004	Nola confusalis	Local	Widespread	increase and range extension NE
Green Silver-lines	74.008	Pseudaips prasinana	Common	Widespread, particularly in W oakwoods	stable
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-barred Yellow	B60	Lythria purpuraria		Perths. 19c; even White was sceptical	
Oblique Striped	70.039	Phibalapteryx virgata	Nb	Strays or misidentifications	
Wood Carpet	70.062	Epirhoe rivata	local	Identification problems; may just reach Borders	
Sharp-angled Carpet	70.065	Euphyia unangulata	Local	Probable misidentifications	
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 chrysochea	Common	Name confusion, misidentification, stray? Also Goater Ent. Goz. 48: 53-54, Angus 1996 - transportation in moth trap?	
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, but 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.

Lime Hawk-moth	69.001	Mimas tiliae	Common	VC76, mated pair in Renfrew street, 27 May 2016
Rustic Sphinx	69.0052	Manduca rustica	Adventive	Aberdeen docks, 1983
Jade Hawk-moth	69.0111	Daphnis hypothous	Adventive	Perthshire 1873
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	Pyrractica 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