

The Butterflies and Moths of Leicestershire and Rutland

Provisional List of Macromoths Recorded from VC55

2016 Update - version 2

This is a provisional list that excludes a number of species only doubtfully recorded from the county (some of which were recorded in Victoria County History lists and also excludes a number species where records are still under investigation.

With work continuing towards publication of “The Butterflies and Moths of Leicestershire & Rutland”, the aim of this document is to provide local recorders with an initial indication of the current state of knowledge as far as the status and distribution of macromoths in the County is concerned. Hopefully, this will highlight some of the research still required, as well as stimulating further fieldwork which could help to answer many of the outstanding uncertainties surrounding the County’s macro-moths.

However, at this stage, not too much should be read into whether a species is described as being common, fairly common, uncommon, rare or very rare. It is never easy to assign descriptions such as these, and I readily admit that I have not adopted an entirely systematic approach in preparing this list! Also, the populations of many species will fluctuate from year to year or decade to decade.

This list should provide an important source of information for local moth recorders in helping to identify those species that are very rare and/or where records of such species might require confirmation. Obviously, other factors come into play, the recorder’s experience and the potential for confusion with another species, but the main objective is to ensure that records of such species are validated as soon as possible to protect the long-term integrity of such records. There are also a number of particularly problematic species where we have far more unconfirmed records than confirmed records. These species have a 📞 symbol next to them. Please contact me by email or telephone if you think you have caught one of these species or any other species that might be considered unlikely or that has not been reliably recorded from the county before.

Unfortunately, this list may contain errors and omissions - please feel free to draw these to my attention.

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Alder Kitten <i>Furcula bicuspis</i>	Rare & local.
Alder Moth <i>Acronicta alni</i>	Uncommon and local.
Angle Shades <i>Phlogophora meticulosa</i>	Common.
Angle-striped Sallow <i>Enargia paleacea</i>	Rare and mainly restricted to Charnwood Forest & extreme NW of County.
Annulet <i>Charissa obscurata</i>	Rare and restricted to western half of county. Few recent records.
Antler Moth <i>Cerapteryx graminis</i>	Locally common, particularly in Charnwood Forest. Uncommon in gardens
Archer's Dart <i>Agrotis vestigialis</i>	Rare. VCH + old Uppingham School records. Recorded from Loughbro' in 2005.
Argent & Sable <i>Rheumaptera hastata</i>	Extinct? Last record: Buddon Wood in 1962.
Ash Pug <i>Eupithecia innotata</i> f. <i>fraxinata</i>	Uncommon.
August Thorn <i>Ennomos quercinaria</i>	Declining and now rare? Status uncertain due to id issues.
Autumn Green Carpet <i>Chloroclysta miata</i>	Extinct? Very few records since VCH, none in last 50 years.
Autumnal Moth <i>Epirrita autumnata</i>	Status uncertain; all records perhaps need investigation/verification
Autumnal Rustic <i>Eugnorisma glareosa</i>	Locally common in Charnwood Forest. Rare or absent elsewhere.
Banana Stowaway <i>Antichloris eriphia</i>	Adventive species. One record: ex cocoon on bananas, 1985
Barred Chestnut <i>Diarsia dahlii</i>	Very rare & declining. A Charnwood resident but only one post-1999 record.
Barred Hook-tip <i>Watsonalla cultraria</i>	Uncommon & localised, but now expanding into the northwest of the county.
Barred Red <i>Hylaea fasciaria</i>	Common now. Dramatic increase since mid-1970's, but declining now?
Barred Rivulet <i>Perizoma bifaciata</i>	Uncommon.
Barred Sallow <i>Tiliacea aurago</i>	Fairly common
Barred Straw <i>Gandaritis pyraliata</i>	Common
Barred Umber <i>Plagodis pulveraria</i>	Rare & mainly confined to Ulverscroft valley woodland.
Barred Yellow <i>Cidaria fulvata</i>	Common
Beaded Chestnut <i>Agrochola lychnidis</i>	Common
Beautiful Brocade <i>Lacanobia contigua</i>	Very rare. Most recent records are from Rutland.
Beautiful Carpet <i>Mesoleuca albicillata</i>	Uncommon and local in woodland.
Beautiful Golden Y <i>Autographa pulchrina</i>	Fairly common
Beautiful Hook-tip <i>Laspeyria flexula</i>	Fairly common.
Beautiful Snout <i>Hypena crassalis</i>	Very rare. Only four post-VCH records. Charnwood Lodge only colony?
Beautiful Yellow Underwing <i>Anarta myrtilli</i>	Rare. Only known from a single site near Ashby de la Zouch
Bedstraw Hawk-moth <i>Hyles gallii</i>	Very rare migrant. Last record in 2003.
Bilberry Pug <i>Pasiphila debiliata</i>	Extinct? Last record: Glenfield, 1939.
Bird's Wing <i>Dypterygia scabruscula</i>	Fairly common in west of County. Rare in Rutland & east.
Black Arches <i>Lymantria monacha</i>	Locally common in Rutland woods, now becoming established in the west.
Black Rustic <i>Aporophyla nigra</i>	Now fairly common, having recently expanded its range county-wide
Blackneck <i>Lygephila pastinum</i>	Uncommon.
Blair's Mocha <i>Cyclophora pupillaria</i>	Very rare migrant. Only one record, from an Edith Weston garden in 2006.
Blair's Shoulder-knot <i>Lithophane leautieri</i>	Common in gardens.
Bleached Pug <i>Eupithecia expallidata</i>	Very rare/status uncertain. All records need investigating.
Blood-vein <i>Timandra comae</i>	Common
Blossom Underwing <i>Orthosia miniosa</i>	Rare. VCH and recent records from Rutland and Dadlington.
Blotched Emerald <i>Comibaena bajularia</i>	Rare and localised: primarily found in old woodland.
Blue-bordered Carpet <i>Plemyria rubiginata</i>	Uncommon, found mainly in damp habitats
Bordered Beauty <i>Epione repandaria</i>	Uncommon. Mainly found in damp habitats. Occasional in gardens.
Bordered Gothic <i>Sideridis reticulata</i>	Extinct? No records for 40+ years.
Bordered Pug <i>Eupithecia succenturiata</i>	Fairly common, but possibly declining
Bordered Sallow <i>Pyrrhia umbra</i>	Rare & restricted to Rutland where it is local.
Bordered Straw <i>Heliothis peltigera</i>	Uncommon migrant.
Bordered White <i>Bupalus piniaria</i>	Locally common, but possibly declining in recent years.
Brick <i>Agrochola circellaris</i>	Fairly common
Bright-line Brown-eye <i>Lacanobia oleracea</i>	Common
Brimstone Moth <i>Opisthograptis luteolata</i>	Common
Brindled Beauty <i>Lycia hirtaria</i>	Common
Brindled Green <i>Dryobotodes eremita</i>	Fairly common
Brindled Ochre <i>Dasypolia templi</i>	Very rare. Recorded only once: two from Rutland Water (2004)
Brindled Pug <i>Eupithecia abbreviata</i>	Common
Brindled White-spot <i>Paradarisa extersaria</i>	Rare. Only recorded from Burbage Wood area and a few Rutland sites.
Broad-barred White <i>Hecatera bicolorata</i>	Fairly common in gardens
Broad-bordered Bee Hawk-moth <i>Hemaris fuciformis</i>	Extinct? No records for nearly 20 years & those may be doubtful.
Broad-bordered Yellow Underwing <i>Noctua fimbriata</i>	Fairly common.
Broken-barred Carpet <i>Electrophaes corylata</i>	Fairly common
Broom Moth <i>Ceramica pisi</i>	Fairly common in western half of County, uncommon in east.
Broom-tip <i>Chesias rufata</i>	Very rare. Only one record: Queniborough garden (2008).
Brown Rustic <i>Rusina ferruginea</i>	Common.
Brown Scallop <i>Philereme vetulata</i>	Locally common, particularly in Rutland. Less common elsewhere.
Brown Silver-line <i>Petrophora chlorosata</i>	Very common in suitable habitats, particularly in Charnwood Forest
Brown-line Bright-eye <i>Mythimna conigera</i>	Common in suitable habitats.
Brown-spot Pinion <i>Agrochola litura</i>	Formerly common, now only fairly common
Brown-tail <i>Euproctis chrysorrhoea</i>	VCH & a handful of recent records. Localised in Rutland & east Leics.
Brown-veined Wainscot <i>Archanara dissoluta</i>	Uncommon. Mainly recorded from Rutland Water, but occurs elsewhere
Brussels Lace <i>Cleorodes lichenaria</i>	VCH only.
Buff Arches <i>Habrosyne pyritoides</i>	Common
Buff Ermine <i>Spilosoma lutea</i>	Common
Buff Footman <i>Eilema depressa</i>	Uncommon but increased in last 10 years.
Buff-tip <i>Phalera bucephala</i>	Fairly common
Bulrush Wainscot <i>Nonagria typhae</i>	Common, especially in damp habitats
Burnet Companion <i>Euclidia glyphica</i>	Uncommon/under-recorded. Most frequently recorded from Rutland & east.
Burnished Brass <i>Diachrysis chrysis</i>	Common
Butterbur <i>Hydraecia petasitis</i>	Extinct? VCH & a couple of other records. Under-recorded?
Buttoned Snout <i>Hypena rostralis</i>	Very rare. VCH record (Buddon Wood) & Ketton Quarry (2015) only
Cabbage Moth <i>Mamestra brassicae</i>	Fairly common, especially in urban areas.
Campanula Pug <i>Eupithecia denotata</i>	Rare/localised/under-recorded? Only records: Loddington RIT, 1999 x13 (!)

Campion Sideridis rivularis	Fairly common in gardens
Canary-shouldered Thorn Ennomos alniaria	Common
Centre-barred Sallow Atethmia centrago	Common
Chalk Carpet Scotopteryx bipunctaria	Recorded from Pickworth Gt Wood in 1981 and Clipsham Quarry 2001-02.
Chamomile Shark Cucullia chamomillae	Uncommon. Recorded only from southern half of County pre 2004.
Chestnut Conistra vaccinii	Common
Chevron Eulithis testata	Declined and now rare/extinct. Only two records since 1995.
Chimney Sweeper Odezia atrata	Locally common, particularly in old meadows
Chinese Character Cilix glaucata	Common
Chocolate-tip Clostera curtula	Fairly common. Expanded range & increased in numbers in recent years.
Cinnabar Tyria jacobaeae	Common
Clay Mythimna ferrago	Common
Clay Triple-lines Cyclophora linearia	Rare but increasing in numbers and range, though still localised.
Clifden Nonpareil Catocala fraxini	Very rare migrant. Only approx. 3 very old records.
Cloaked Minor Mesoligia furuncula	Fairly common
Cloaked Pug Eupithecia abietaria	Only 2 records: a Melton garden in 2012 & a Littlethorpe garden in 2015
Clouded Border Lomaspilis marginata	Common
Clouded Brindle Apamea epomidion	Fairly common but local
Clouded Drab Orthosia incerta	Common
Clouded Magpie Abraxas sylvata	Rare. Less than 15 post-2000 records.
Clouded Silver Lomographa temerata	Common.
Clouded-bordered Brindle Apamea crenata	Fairly common
Common Carpet Epirrhoe alternata	Common
Common Emerald Hemitea aestivaria	Common
Common Fan-foot Pechipogo strigilata	Very rare/extinct? Last recorded in 1991. Former status uncertain.
Common Footman Eilema lurideola	Common
Common Heath Ematurga atomaria	Rare. Only colonies: Ketton Quarry and two other quarries in Rutland.
Common Lutestring Ochropacha duplaris	Locally common in woodland.
Common Marbled Carpet Dysstroma truncata	Common
Common Pug Eupithecia vulgata	Common
Common Quaker Orthosia cerasi	Common
Common Rustic Mesapamea secalis	Common
Common Swift Korscheltellus lupulina	Common
Common Wainscot Mythimna pallens	Common
Common Wave Cabera exanthemata	Common.
Common White Wave Cabera pusaria	Common.
Concolorous Photedes extrema	Rare. Mainly recorded from a handful of sites in Rutland
Confused Apamea furva	Very rare/extinct. Only a handful of records, none since 1994.
Convolvulus Hawk-moth Agrius convolvuli	Generally an uncommon migrant
Copper Underwing Amphipyra pyramidea	Common.
Coronet Craniophora ligustri	Common. Major increase since 2004.
Coxcomb Prominent Ptilodon capucina	Common
Cream Wave Scopula floslactata	Uncommon, particularly in gardens.
Cream-bordered Green Pea Earias clorana	Rare & mainly recorded from Rutland & just into Leics.
Crescent Helotropha leucostigma	Rare & localised. Mainly recorded from centre of County (Soar valley?).
Crimson Speckled Utetheisa pulchella	Very rare migrant.
Currant Clearwing Synanthedon tipuliformis	Uncommon/under-recorded (can be common at pheromone lures)
Currant Pug Eupithecia assimilata	Common, but declining?
Dark Arches Apamea monoglypha	Common.
Dark Brocade Mniotype adusta	Status uncertain. Only a handful of records in 1990's, few confirmed.
Dark Chestnut Conistra ligula	Fairly common
Dark Dagger Acronicta tridens	Uncommon/under-recorded (gen det needed)? Fewer records since 1990.
Dark Marbled Carpet Dysstroma citrata	Fairly common
Dark Spectacle Abrostola triplasia	Rare. Only a handful of confirmed records in recent years. (
Dark Spinach Pelurga comitata	Locally common, particularly in Charnwood, but declining?
Dark Sword-grass Agrotis ipsilon	Fairly common migrant
Dark Umber Philereme transversata	Fairly common and more widespread than T. dubitata & P. vetulata.
Dark-barred Twin-spot Carpet Xanthorhoe ferrugata	Uncommon and apparently declining in recent years
Death's-head Hawk-moth Acherontia atropos	Uncommon migrant
December Moth Poecilocampa populi	Common
Deep-brown Dart Aporophyla lutulenta	Uncommon.
Delicate Mythimna vitellina	Rare migrant. Only 10 recent records
Devon Carpet Lampropteryx otregiata	Very rare, only one record: Loddington RIT (2004)
Dingy Footman Eilema griseola	Fairly common.
Dingy Shears Apterogenum ypsilon	Fairly common.
Dingy Shell Euchoeca nebulata	Uncommon and local in damp habitats
Dog's Tooth Lacanobia suasa	Very rare & localised. Post 1982, mainly recorded from Loughbo' Meadows
Dot Moth Melanchra persicariae	Common
Dotted Border Agriopsis marginaria	Common
Dotted Chestnut Conistra rubiginea	Rare. VCH + handful of records since 2012. Expanding range?
Dotted Clay Xestia baja	Locally common in Charnwood Forest. Rare elsewhere. Declining?
Dotted Fan-foot Macrochilo cribrumalis	Single record from Rutland Water Rothamsted Trap in 2011
Dotted Rustic Rhyacia simulans	Variable. Fairly common in 1980's, now very rare.
Double Dart Graphiphora augur	Until recently, fairly common but now seems to be declining.
Double Lobed Apamea ophiogramma	Fairly common in damp habitats. Few records from extreme west of County.
Double Square-spot Xestia triangulum	Common
Double-striped Pug Gymnoscelis rufifasciata	Common
Drinker Euthrix potatoria	Common
Dun-bar Cosmia trapezina	Common.
Dusky Brocade Apamea remissa	Fairly common
Dusky Sallow Eremobia ochroleuca	Fairly common

Dusky Thorn Ennomos fuscantaria	Fairly common, but declining
Dusky-lemon Sallow Cirrha gilvago	Uncommon & local. Declined in last 10 years
Dwarf Cream Wave Idaea fuscovenosa	Uncommon and but expanding its range in county & increasing in numbers.
Dwarf Pug Eupithecia tantillaria	Fairly common.
Ear Moth Amphipoea oclea	Uncommon & local. Most frequently recorded from Charnwood Forest.
Earias vittella	Nationally rare. Only one VC55 record, from a Wigston garden in 2006.
Early Grey Xylocampa areola	Common
Early Moth Theria primaria	Uncommon. Declining and/or under-recorded?
Early Thorn Selenia dentaria	Common
Early Tooth-striped Trichopteryx carpinata	Rare & local in western half of county only, but commoner in last 10 years
Elephant Hawk-moth Deilephila elpenor	Common
Emperor Moth Saturnia pavonia	Rare. Recent records are from the (north) east of the County/Rutland
Engrailed Ectropis crepuscularia	Common.
Eyed Hawk-moth Smerinthus ocellata	Fairly common
False Mocha Cyclophora porata	Very rare, but four records from Rutland in 2004-2009.
Fan-foot Herminia tarsipennalis	Common
Feathered Gothic Tholera decimalis	Fairly common.
Feathered Ranunculus Polymixis lichenea	One record only: Preston 1998. Vagrant/migrant?
Feathered Thorn Colotois pennaria	Common
Fen Wainscot Arenostola phragmitidis	Uncommon mainly recorded from a handful of localities.
Fern Horisme tersata	Rare and localised to a handful of sites with Traveller's Joy
Festoon Apoda limacodes	Very rare. Only recorded from Ketton Quarry in 2008 & 2015
Figure of Eight Diloba caeruleocephala	Uncommon & declining
Figure of Eighty Tethea ocellaris	Common
Flame Axylia putris	Common
Flame Carpet Xanthorhoe designata	Fairly common in woodland and regular in many gardens
Flame Shoulder Ochropleura plecta	Common
Flounced Chestnut Agrochola helvola	Uncommon. Rarely recorded outside of Charnwood Forest.
Flounced Rustic Luperina testacea	Common
Forester Adscita statices	Very local & uncommon
Four-dotted Footman Cybosis mesomella	Uncommon. Rarely recorded outside of Rutland
Four-spotted Footman Lithosia quadra	Very rare migrant.
Four-spotted Tyta luctuosa	Very Rare. A colony in Ketton area, plus a few other records.
Fox Moth Macrothylacia rubi	Very rare. Only know from Charnwood Lodge and Humberstone (2015)
Foxglove Pug Eupithecia pulchellata	Common
Freyer's Pug Eupithecia intricata	Common. Increased dramatically in last 20 years.
Frosted Green Polyploca ridens	Rare. Most recent records are from Rutland woodland sites.
Frosted Orange Gortyna flavago	Fairly common. Declining?
Galium Carpet Epirrhoe galiata	Uncommon and localised
Garden Carpet Xanthorhoe fluctuata	Common
Garden Dart Euxoa nigricans	Rare & declining
Garden Tiger Arctia caja	Formerly common, but declined dramatically & now uncommon/rare.
Gem Nycterosea obstipata	Uncommon migrant
Ghost Moth Hepialus humuli	Fairly common
Glaucous Shears Papestra biren	Very rare & restricted to Charnwood Forest. Few recent records.
Goat Moth Cossus cossus	Now very rare. Only one recent record: Brown's Hill Quarry, 1990
Gold Spangle Autographa bractea	Very rare. Only a handful of records in last 10 years. Declining?
Gold Spot Plusia festucae	Uncommon & local. Found mainly in the west.
Gold Swift Phymatopus hecta	Uncommon, especially outside of woodland
Golden Plusia Polychrysis moneta	Fairly common in gardens in 1970's/1980's, less so now.
Golden Twin-spot Chrysodeixis chalcites	Very rare migrant. Only one record from a Ravenstone garden in 2006.
Golden-rod Brindle Xylena solidaginis	Probably extinct. Last record: Charnwood Lodge, 1980.
Golden-rod Pug Eupithecia virgaureata	Uncommon. Mainly recorded from western half of county.
Gothic Naenia typica	Common
Grass Emerald Pseudoterpna pruinata	Rare. Only recorded from Sapcote and a single site in Rutland since 2000.
Grass Rivulet Perizoma albulata	Rare & localised. Mainly recorded from Charnwood Forest
Grass Wave Perconia strigillaria	Very rare. Ketton Quarry the only known colony
Great Brocade Eurois occulta	Rare migrant.
Green Arches Anaplectoides prasina	Locally common in wooded areas.
Green Carpet Colostygia pectinataria	Common
Green Pug Pasiphila rectangulata	Common
Green Silver-lines Pseudoips prasinana	Fairly common, particularly in west of County.
Green-brindled Crescent Allophyes oxyacanthae	Common
Grey Arches Polia nebulosa	Uncommon and local, mainly recorded from Charnwood Forest
Grey Birch Aethalura punctulata	Uncommon. A woodland species commonest in west of County.
Grey Chi Antitype chi	Rare. Declining?
Grey Dagger Acronicta psi	Common.
Grey Pine Carpet Thera obeliscata	Common
Grey Pug Eupithecia subfuscata	Common
Grey Shoulder-knot Lithophane omitopus	Fairly common.
Gypsy Moth Lymantria dispar	Extinct
Haworth's Pug Eupithecia haworthiata	Rare and localised. Recorded from a handful of sites only.
Heart & Club Agrotis clavis	Uncommon but increasing at present time.
Heart & Dart Agrotis exclamationis	Common, especially in gardens
Heath Rustic Xestia agathina	Rare. Only two known colonies: Warren Hills & Newfield Colliery.
Hebrew Character Orthosia gothica	Common
Hedge Rustic Tholera cespitis	Uncommon and local. Mainly recorded in Charnwood Forest.
Herald Scoliopteryx libatrix	Common
Hoary Footman Eilema caniola	Rare. Recorded from 4 gardens and may be expanding (
Hornet Moth Sesia apiformis	Rare & localised. Only 2 known colonies: Loughborough & Ketton.
Humming-bird Hawk-moth Macroglossum stellatarum	Common migrant, especially in recent years.

Ingrailed Clay Diarsia mendica	Common
Iron Prominent Notodonta dromedarius	Common
July Belle Scotopteryx luridata	Rare/extinct? Not recorded since 1987.
July Highflier Hydiromena furcata	Common
Juniper Carpet Thera juniperata	Now fairly common in gardens, though not as common in 1980s-90s.
Juniper Pug Eupithecia pusillata	Fairly common, especially in gardens.
Knot Grass Acronicta rumicis	Locally common, particularly in west of County.
Lackey Malacosoma neustria	Fairly common
Lappet Gastropacha quercifolia	Very rare.
Larch Pug Eupithecia lariciata	Uncommon/under-recorded
Large Emerald Geometra papilionaria	Fairly common in woodland.
Large Nutmeg Apamea anceps	Common in Rutland & the east, rarer in west of county. Increasing?
Large Ranunculus Polymixis flavicincta	Locally common in Rutland (and just into Leics.). Unrecorded elsewhere.
Large Red-belted Clearwing Synanthedon culiciformis	Very rare/under-recorded. Last record: Spring Wood, 1984.
Large Thorn Ennomos autumnaria	Rare. Only 5 post-VCH records: Barrowden 2000-08 & Loddington RIT 2010
Large Twin-spot Carpet Xanthorhoe quadrifasiata	Now fairly common.
Large Wainscot Rhizodra lutosa	Uncommon and local. Most records from eastern half of county
Large Yellow Underwing Noctua pronuba	Common
Latticed Heath Chiasmia clathrata	Common
Lead Belle Scotopteryx mucronata	Very rare/extinct. Possible confusion with S. luridata; checking required.
Lead-coloured Drab Orthosia populeti	Uncommon and local, mainly recorded from eastern half of county
Least Black Arches Nola confusalis	Locally common
Least Carpet Idaea rusticata	Uncommon, but recent records indicate that this species is increasing.
Least Yellow Underwing Noctua interjecta	Fairly common.
Leopard Moth Zeuzera pyrina	Common
Lesser Broad-bord. Yellow Underwing Noctua janthina	Common
Lesser Common Rustic Mesapamea didyma	Fairly common/under-recorded (few gen-det confirmed ids)
Lesser Cream Wave Scopula immutata	Rare and apparently declining. (
Lesser Swallow Prominent Pheosia gnoma	Common, especially in habitats with birch
Lesser Treble-bar Aplocera efformata	Rare/uncommon. Fewer records recently, mainly from west of county.
Lesser Yellow Underwing Noctua comes	Common
Lesser-spotted Pinion Cosmia affinis	Rare. Only recent records are from a handful of sites in Rutland.
Light Arches Apamea lithoxylaea	Common.
Light Brocade Lacanobia w-latinum	Locally common in Rutland, rare elsewhere
Light Emerald Campaea margaritaria	Common.
Light Orange Underwing Boudinotiana notha	Very rare/extinct/unrecorded. Last record: Burbage Wood 1940's?
Lilac Beauty Apeira syringaria	Fairly common
Lime Hawk-moth Mimas tiliae	Fairly common
Lime-speck Pug Eupithecia centaureata	Common
(Ling Pug Eupithecia absinthiata)	(Now considered a sub-species of Wormwood Pug. Charnwood Lodge)
Little Emerald Jodis lactearia	Fairly common but localised?
Lunar Hornet Moth Sesia bembeciformis	Rare/under-recorded. Very few recent records.
Lunar Marbled Brown Drymonia ruficornis	Common
Lunar Thorn Selenia lunularia	Declining and now very rare/extinct. Last record: Markfield, 1990.
Lunar Underwing Omphaloscelis lunosa	Common
Lunar-spotted Pinion Cosmia pyralina	Uncommon and probably declining
Lychnis Hadenia bicurris	Fairly common in gardens
Maggie Abraxas grossulariata	Common
Maiden's Blush Cyclophora punctaria	Uncommon, but increasing and now turning-up in gardens.
Mallow Larentia clavaria	Common in Rutland gardens, very rare elsewhere
Maple Prominent Ptilodon cucullina	Rare and restricted to Rutland, with some expansion into east Leics.
Maple Pug Eupithecia inturbata	Uncommon/under-recorded
Map-winged Swift Korscheltellus fusconebulosa	Locally common in west of County
Marbled Beauty Bryophila domestica	Common, especially in built-up areas.
Marbled Brown Drymonia dodonaea	Locally common in Charnwood Forest. Very rare elsewhere
Marbled Coronet Hadenia confusa	Uncommon and local in gardens in Rutland & southern half of County.
Marbled Green Nyctobrya muralis	Very Rare. VCH + recent records from Loddington RIT.
Marbled Minor Oligia strigilis	Common (but few gen-det confirmed ids)
Marbled White Spot Deltote pygarga	Locally common in Rutland, uncommon/rare elsewhere
March Moth Alsophila aescularia	Common
Marsh Pug Eupithecia pygmaeata	Rare. Few recent records. Dayflying & under-recorded?
May Highflier Hydiromena impluviata	Uncommon. Mainly found in damp habitats in west of County
Mere Wainscot Photodes fluxa	Uncommon and local. Most frequently recorded from Rutland
Merveille Du Jour Griposia aprilina	Fairly common
Middle-barred Minor Oligia fasciuncula	Common
Miller Acronicta leporina	Locally common, particularly in west of County.
Minor Shoulder-knot Brachylomia viminalis	Fairly common in woodland.
Mother Shipton Euclidia mi	Uncommon/under-recorded.
Mottled Beauty Alcis repandata	Common
Mottled Grey Colostygia multistrigaria	Locally common in Charnwood Forest. Unrecorded elsewhere
Mottled Pug Eupithecia exiguata	Common
Mottled Rustic Caradrina morpheus	Common, especially in gardens.
Mottled Umber Erannis defoliaria	Common
Mouse Moth Amphipyra tragopoginis	Common.
Mullein Cucullia verbasci	Fairly common/under-recorded (most commonly recorded as larvae)
Muslin Footman Nudaria mundana	Uncommon.
Muslin Moth Diaphora mendica	Fairly common. Declining?
Narrow-bordered Bee Hawk-moth Hemaris tityus	Extinct. VCH only.
Narrow-bordered Five-spot Burnet Zygaena lonicerae	Fairly common. Under-recorded?
Narrow-winged Pug Eupithecia nanata	Uncommon.
Netted Pug Eupithecia venosata	Rare. Rutland only.

Ni Moth <i>Trichoplusia ni</i>	Very rare migrant. Only 2 records Leicester (1982) & Queniborough (2015)
Northern Drab <i>Orthosia opima</i>	Extinct? Last record: Pillings Lock, 1985.
Northern Rustic <i>Standfussiana lucernea</i>	Very rare/extinct? Only record: Charnwood Lodge, 1965.
Northern Spinach <i>Eulithis populata</i>	Uncommon. Mainly recorded from Charnwood, but declining.
Northern Winter Moth <i>Operophtera fagata</i>	Uncommon, mainly recorded from west of county.
November Moth <i>Epirrita dilutata</i>	Common (though few records confirmed by gen det)
Nutmeg <i>Anarta trifolii</i>	Fairly common
Nut-tree Tussock <i>Colocasia coryli</i>	VCH record from Buddon Wood.
Oak Beauty <i>Biston strataria</i>	Fairly common
Oak Eggar <i>Lasiocampa quercus</i>	Uncommon. Mainly recorded from southern half of county.
Oak Hook-tip <i>Watsonalla binaria</i>	Common
Oak Lutestring <i>Cymatophorina diluta</i>	Very rare. Only a handful of recent records but a colony at Spring Wood
Oak Nycteoline <i>Nycteola revayana</i>	Uncommon, but increasing since mid-1990s. Probably under-recorded.
Oak-tree Pug <i>Eupithecia dodoneata</i>	Fairly common
Oblique Carpet <i>Orthonama vittata</i>	Very rare. A 2006 record from Ravenstone was the first for 30+ years.
Obscure Wainscot <i>Leucania obsoleta</i>	Very rare. Only known from Rutland Water & Eyebrook Reservoir
Ochreous Pug <i>Eupithecia indigata</i>	Uncommon
Old Lady <i>Mormo maura</i>	Fairly common
Oleander Hawk-moth <i>Daphnis nerii</i>	Very rare migrant.
Olive <i>Ipimorpha subtusa</i>	Locally fairly common. Increasing?
Orange Footman <i>Eilema sororcula</i>	Common. First recorded in 2003, & increased rapidly since then.
Orange Moth <i>Angerona prunaria</i>	Extinct? Only a couple of probably doubtful post VCH records
Orange Sallow <i>Tiliacea citrigo</i>	Uncommon & local.
Orange Swift <i>Triodia sylvina</i>	Common
Orange Underwing <i>Archearis parthenias</i>	Uncommon, but under-recorded
Orange-tailed Clearwing <i>Synanthedon andrenaeformis</i>	Rare/under-recorded. Only one record: Tinwell, 27/06/05 (to lure)
Pale Brindled Beauty <i>Phigalia pilosaria</i>	Fairly common
Pale Eggar <i>Trichiura crataegi</i>	Fairly common. Declining.
Pale Mottled Willow <i>Caradrina clavipalpis</i>	Common
Pale November Moth <i>Epirrita christyi</i>	Less common than <i>E. dilutata</i> ? (few records confirmed by gen det)
Pale Oak Beauty <i>Hypomecis punctinalis</i>	Uncommon/rare & mainly recorded from Rutland woodland sites, but increasing
Pale Pinion <i>Lithophane socia</i>	Fairly common. Only arrived in county in 1996
Pale Prominent <i>Pterostoma palpina</i>	Common
Pale Shining Brown <i>Polia bombycina</i>	Extinct? Last recorded from Rutland in 1995
Pale Tussock <i>Calliteara pudibunda</i>	Common
Pale-shouldered Brocade <i>Lacanobia thalassina</i>	Common
Peach Blossom <i>Thyatira batis</i>	Common
Peacock Moth <i>Macaria notata</i>	Rare, only approx. 12 records, mainly from Rutland.
Pearly Underwing <i>Peridroma saucia</i>	Uncommon migrant
Pebble Hook-tip <i>Drepana falcataria</i>	Fairly common
Pebble Prominent <i>Notodonta ziczac</i>	Common
Peppered Moth <i>Biston betularia</i>	Common
Phoenix <i>Eulithis prunata</i>	Fairly common.
Pine Beauty <i>Panolis flammea</i>	Fairly common.
Pine Carpet <i>Thera firmata</i>	Uncommon/under-recorded? Many records doubtful & few confirmed
Pine Hawk-moth <i>Sphinx pinastri</i>	Uncommon, but increasing and expanding westwards since 1995.
Pinion-spotted Pug <i>Eupithecia insigniata</i>	Very rare; only 7 post 2000 records.
Pinion-streaked Snout <i>Schrankia costaestrigalis</i>	Uncommon. Under-recorded
Pink-barred Sallow <i>Xanthia togata</i>	Fairly common
Plain Golden Y <i>Autographa jota</i>	Common
Plain Pug <i>Eupithecia simpliciatata</i>	Uncommon and only recorded from gardens
Plain Wave <i>Idaea straminata</i>	Uncommon, few confirmed records in recent years.
Poplar Grey <i>Subacronicta megacephala</i>	Common
Poplar Hawk-moth <i>Laothoe populi</i>	Common
Poplar Kitten <i>Furcula bifida</i>	Uncommon
Poplar Lutestring <i>Tettha or</i>	Very rare. Most recent records are from a few Rutland woodland sites.
Powdered Quaker <i>Orthosia gracilis</i>	Fairly common
Pretty Chalk Carpet <i>Melanthia procellata</i>	Very rare; only a handful of records over a widespread area, 2 in last 20yrs.
Privet Hawk-moth <i>Sphinx ligustri</i>	Common apart from in far west of county where it is absent/very rare.
Purple Bar <i>Cosmorhoe ocellata</i>	Fairly common
Purple Clay <i>Diarsia brunnea</i>	Fairly common, especially in Charnwood Forest
Purple Thorn <i>Selenia tetralunaria</i>	Common, especially in woodland
Puss Moth <i>Cerura vinula</i>	Uncommon. Declined dramatically in recent years.
Red Chestnut <i>Cerastis rubricosa</i>	Fairly common in woodland, less so in gardens
Red Sword-grass <i>Xylena vetusta</i>	Rare. Only 3 modern records: Loughbro', Ulverscroft & Pickworth Gt Wood
Red Twin-spot Carpet <i>Xanthorhoe spadicearia</i>	Common
Red Underwing <i>Catocala nupta</i>	Fairly common.
Red-belted Clearwing <i>Synanthedon myopaeformis</i>	Uncommon/under-recorded (can be common at pheromone lures)
Reddish Light Arches <i>Apamea sublustris</i>	Rare. Few post-VCH records: a few from Rutland (mainly) & elsewhere.
Red-green Carpet <i>Chloroclysta siterata</i>	Common
Red-line Quaker <i>Agrochola lota</i>	Common
Red-necked Footman <i>Atolmis rubricollis</i>	Rare, but increasing?
Red-tipped Clearwing <i>Synanthedon formicaeformis</i>	Uncommon/under-recorded (post 2005 records using pheromone lures)
Riband Wave <i>Idaea aversata</i>	Common
Rivulet <i>Perizoma affinitata</i>	Common, less so in gardens
Rosy Footman <i>Miltchristia miniata</i>	Rare. Only 7 recent records, from 5 sites in Rutland. Expanding?
Rosy Marbled Elaphria <i>venustula</i>	Very rare. Discovered in Swithland Wood in 2014
Rosy Minor <i>Litoligia literosa</i>	Fairly common
Rosy Rustic <i>Hydraecia micacea</i>	Common
Round-winged Muslin <i>Thumatha senex</i>	Rare & local in damp habitats with occasional records from gardens

Ruby Tiger Phragmatobia fuliginosa	Common
Ruddy Carpet Catantopha rubidata	Very rare. Only 5 post-1970 records, 4 from Rutland
Ruddy Highflier Hydrimena ruberata	Very rare/extinct/status uncertain.
Rufous Minor Oligia versicolor	Fairly common (but few gen-det confirmed ids)
Rustic Hoplodrina blanda	Fairly common.
Rustic Shoulder-knot Apamea sordens	Common
Sallow Cirrhia icteritia	Common
Sallow Kitten Furcula furcula	Common
Sandy Carpet Perizoma flavofasciata	Fairly common.
Satellite Eupsilia transversa	Fairly common.
Satin Beauty Deileptenia ribeata	Uncommon & localised.
Satin Wave Idaea subsericeata	Rare & localised. East Rutland only.
Satyr Pug Eupithecia satyrata	Locally common at a few sites in Rutland. Rare elsewhere
Scallop Shell Hydria undulata	Rare. Most frequently recorded at Cloud Wood; very occasional elsewhere.
Scalloped Hazel Odontopera bidentata	Common
Scalloped Hook-tip Falcaria lacertinaria	Locally common
Scalloped Oak Crocallis elinguaris	Common
Scarce Bordered Straw Helicoverpa armigera	Uncommon migrant (common in 2006), plus a few imported larvae records.
Scarce Footman Eilema complana	Fairly common. Dramatically increased in last 10 years.
Scarce Silver-lines Bena bicolorana	Fairly common.
Scarce Tissue Hydria cervinalis	Formerly common, now very rare & only recorded from a few gardens.
Scarce Umber Agriopis aurantiaria	Uncommon and declining
Scarce Vapourer Orgyia recens	Extinct. VCH only.
Scarlet Tiger Callimorpha dominula	Rare. Two known colonies in Rutland but now occasionally elsewhere
Scorched Carpet Ligdia adustata	Uncommon and local, most frequent in Rutland
Scorched Wing Plagodis dolabraria	Fairly common
September Thorn Ennomos erosaria	Uncommon and declining.
Seraphim Lobophora halterata	Fairly common, but local.
Setaceous Hebrew Character Xestia c-nigrum	Common
Shaded Broad-bar Scotopteryx chenopodiata	Common
Shaded Pug Eupithecia subumbrata	Rare. Recent records from a handful of sites in Rutland.
Shark Cucullia umbratica	Fairly common
Sharp-angled Peacock Macaria alternata	Very rare/extinct. VCH (Owston Wood) only
Shears Hada plebeja	Fairly common but local
Short-cloaked Moth Nola cucullatella	Common
Shoulder-stripe Earophila badiata	Common
Shoulder-striped Wainscot Leucania comma	Common
Shuttle-shaped Dart Agrotis puta	Common
Silky Wainscot Chilodes maritima	Common at Rutland Water, only occasional records elsewhere.
Silver Hook Deltote uncula	Extinct. Only known from Narborough Bog; last recorded in 1940.
Silver Y Autographa gamma	Common migrant
Silver-ground Carpet Xanthorhoe montanata	Common
Silver-striped Hawk-moth Hippotion celerio	Very rare migrant. Last record in 1963.
Silvery Arches Polia hepatica	Extinct? No recent confirmed record
Single-dotted Wave Idaea dimidiata	Common
Six-belted Clearwing Bemecia ichneumoniformis	Locally common/under-recorded (can be common at pheromone lures)
Six-spot Burnet Zygaena filipendulae	Fairly common. Under-recorded?
Six-striped Rustic Xestia sexstrigata	Common
Slender Brindle Apamea scolopacina	Fairly common in woodland. Increased since 1980?
Slender Pug Eupithecia tenuiata	Fairly common
Slue Pug Pasiphila chloerata	Uncommon.
Small Angle Shades Euplexia lucipara	Fairly common.
Small Argent & Sable Epirrhoe tristata	Only one record which needs investigation.
Small Blood-vein Scopula imitaria	Fairly common
Small Brindled Beauty Apocheima hispidaria	Rare & localised. Recently rediscovered in Rutland & possibly expanding.
Small Clouded Brindle Apamea unanimis	Uncommon
Small Dotted Buff Photedes minima	Common
Small Dusty Wave Idaea seriata	Fairly common.
Small Eggar Eriogaster lanestris	Very rare/extinct. Few records since VCH. Undiscovered/new colonies?
Small Elephant Hawk-moth Deilephila porcellus	Locally common in Charnwood Forest, uncommon/local in rest of county
Small Emerald Hemistola chrysoprasaria	Uncommon, but increasing and turning-up in gardens.
Small Engrailed Ectropis crepuscularia	No longer considered to be a distinct species.
Small Fan-foot Herminia grisealis	Common
Small Fan-footed Wave Idaea biselata	Common
Small Grass Emerald Chlorissa viridata	Only one record since VCH (Martinshaw Wood in 1980's)
Small Marbled Eublemma parva	Very rare migrant. Two records: Loughborough (2006) & Littlethorpe (2015)
Small Mottled Willow Spodoptera exigua	Uncommon migrant, but frequently recorded in 2015
Small Phoenix Ecliptopera silaceata	Common
Small Purple-barred Phytometra viridaria	Very rare. Only known colony at Clipsham Quarry/Pickworth Great Wood.
Small Quaker Orthosia cruda	Common in suitable habitats.
Small Ranunculus Hecatera dysodea	First recorded in 2006, now locally common (especially on waste ground)
Small Rivulet Perizoma alchemillata	Common
Small Rufous Coenobia rufa	Rare and only recorded from a handful of localities.
Small Scallop Idaea emarginata	Uncommon & localised. Most records are from eastern half of Rutland.
Small Square-spot Diarsia rubi	Common, but possibly declining
Small Wainscot Denticucullus pygmina	Fairly common
Small Waved Umber Horisme vitalbata	Rare, but now appears to be being recorded more frequently in Rutland.
Small White Wave Asthena albulata	Becoming uncommon in recent years
Small Yellow Underwing Panemeria tenebrata	Uncommon and local, possibly declining.
Small Yellow Wave Hydrelia flammeolaria	Fairly common.
Smoky Wainscot Mythimna impura	Common

Snout Hypena proboscidalis	Common
Southern Wainscot Mythimna straminea	Locally common in reedbeds.
Speckled Yellow Pseudopanthera macularia	Very rare/extinct (a couple of recent unconfirmed records).
Spectacle Abrostola tripartita	Common
Spinach Eulithis mellinata	Common
Sprawler Asteroscopus sphinx	Fairly common/under-recorded
Spring Usher Agriopis leucophaearia	Fairly common. Under-recorded?
Spruce Carpet Thera britannica	Common, particularly in gardens. Increased in last 20 years.
Square Spot Paradarisa consonaria	Very rare/extinct. Only a couple of 1980's records and one in 2005.
Square-spot Rustic Xestia xanthographa	Common
Square-spotted Clay Xestia stigmatica	Locally common in Rutland, very rare or absent elsewhere
Stout Dart Spaelotis ravida	Declined and extinct (similar situation nationally)
Straw Dot Rivula sericealis	Common.
Straw Underwing Thalpophila matura	Common.
Streak Chesias legatella	Uncommon & local. Occasionally found in good numbers.
Streamer Anticlea derivata	Common
Striped Hawk-moth Hyles lineata	Very rare migrant. Only 5 post-VCH records.
Striped Twin-spot Carpet Coenotephria salicata	VCH (Owston Wood) & recent records from RITs only. Very rare
Suspected Parastichtis suspecta	Uncommon & localised. Most frequently recorded in Charnwood Forest.
Svensson's Copper Underwing Amphipyra berbera	Uncommon/under-recorded?
Swallow Prominent Pheosia tremula	Common
Swallow-tailed Moth Ourapteryx sambucaria	Common
Sword-grass Xylena exsoleta	Probably extinct. A few recent records require investigation.
Sycamore Acronicta aceris	Locally common. Major increase since 1990, but still commonest in east.
Tawny Marbled Minor Oligia latruncula	Fairly common (but few gen-det confirmed ids)
Tawny Pinion Lithophane semibrunnea	Uncommon & local, but increased in last 10 years.
Tawny Shears Hadenia perplexa	Uncommon but local in Rutland, rare in west.
Tawny Speckled Pug Eupithecia icterata	Fairly common.
Tawny-barred Angle Macaria liturata	Fairly common in wooded areas
Tissue Triphosa dubitata	Uncommon and fairly local.
Toadflax Pug Eupithecia linariata	Rare. Only recorded from a handful of gardens in recent years. (
Treble Brown Spot Idaea trigeminata	Rare, but increasing
Treble Lines Charanyca trigrammica	Common in Rutland, uncommon elsewhere
Treble-bar Aplocera plagiata	Fairly common
Triple-spotted Clay Xestia ditrapezium	Rare/uncommon & declining? Mainly recorded from Charnwood Forest.
Triple-spotted Pug Eupithecia trisignaria	Uncommon, particularly in recent years. Mainly recorded from west of county
True Lover's Knot Lycophotia porphyrea	Locally common in gardens and in Charnwood Forest.
Turnip Moth Agrotis segetum	Common
Twin-spot Carpet Mesotype didymata	Fairly common
Twin-spotted Quaker Anorthoa munda	Fairly common in suitable habitats.
Twin-spotted Wainscot Lenisa geminipuncta	Uncommon. Mainly recorded from Rutland Water, but occurs elsewhere
Uncertain Hoplodrina octogenaria	Common.
Valerian Pug Eupithecia valerianata	Only three reliable records, from two woodland sites in east of county.
Vapourer Orgyia antiqua	Common especially in urban areas
Varied Coronet Hadenia compta	Now fairly common in gardens
Vestal Rhodometra sacraria	Formerly an uncommon migrant, now seen more frequently.
Vine's Rustic Hoplodrina ambigua	Common, especially in eastern half of county
V-Moth Macaria wauaria	Very Rare. Declined dramatically. Now only know from Clipsham Quarry
V-Pug Chloroclystis v-ata	Common.
Water Carpet Lampropteryx suffumata	Fairly common
Water Ermine Spilosoma urticae	Extinct. VCH & a couple of other records which need investigating
Waved Black Parascotia fuliginaria	Very rare. Only six records, all recent. Increasing?
Waved Umber Menophra abruptaria	Common
Webb's Wainscot Globia sparganii	Very rare. Only a handful of recent records
White Ermine Spilosoma lubricipeda	Common
White Satin Moth Leucoma salicis	Fairly common
White-line Dart Euxoa tritici	Fairly rare
White-marked Cerastis leucographa	Rare & local, restricted to the east of County
White-pinion Spotted Lomographa bimaculata	Dramatic increase since mid-1980's, now common, less so in gardens
White-point Mythimna albipuncta	Very rare migrant. Only a handful of recent records. (
White-spotted Pinion Cosmia diffinis	Extinct? Only two, possibly doubtful, records since 1970.
White-spotted Pug Eupithecia tripunctaria	Common
Willow Beauty Peribatodes rhomboidaria	Common
Winter Moth Operophtera brumata	Common
Wood Carpet Epirrhoe rivata	Very rare/status uncertain - all recent records need checking/verification.
Wood Tiger Parasemia plantaginis	Extinct. Was locally common, but not recorded in last 50 years
Wormwood Cucullia absinthii	Rare. Most records are of larvae found on Wormwood.
Wormwood Pug Eupithecia absinthiata	Common, particularly in urban areas.
Yellow Horned Achlya flavicornis	Locally common
Yellow Shell Campptogramma bilineata	Common
Yellow-barred Brindle Acasis viretata	Fairly common.
Yellow-legged Clearwing Synanthedon vespiformis	Uncommon/under-recorded (can be common at pheromone lures)
Yellow-line Quaker Agrochola macilentata	Common
Yellow-tail Euproctis similis	Common