

VC57 Derbyshire Micro Moth Report Update & New Species Period 2020 - 2024

Edited by Tony Davison

on behalf of the Derbyshire Moths Recording Team

Palpita vitrealis **(Olive Tree Pearl)**
Martin Roome - Chaddesden, Derby October 2024

VC57 DERBYSHIRE MICRO - MOTH REPORT 2020-2024

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Introduction

The last report that was published on the micro moth species of Derbyshire was an interim document by the late Dave Budworth. That report concentrated on just new species for VC57 and appeared in the DaNES Journal No: 169 2019. Prior to this, there was an account in 1998 by Ian Travers-Ayre and Ian Viles. So a partner report to the macro moth species found in VC57 Derbyshire has been required for some time.

This report details micro moth species that have been recorded as new to VC57 Derbyshire between 2020-2024, along with other significant records (fewer than six) during this period. In the main the data has been taken from iRecord.

Identification of micro moths can be tricky and challenging, and for some species dissection is necessary. The recording team appreciates that not all recorders are willing to kill moths or have the appropriate dissection skills, so it is not always possible to identify everything that is caught. For some of the moths in this category, the leaf-mines or larval cases can give a definitive identification. This doesn't mean that it is not worth trying to record micro moths. They are a fascinating group of Lepidoptera, provide the best opportunity to find a new species for the county and many can be identified from a good photograph.

At the end of 2024 the micro moth list for Derbyshire stands at 887, (including twelve aggregated species). A full list, along with a simple checklist, can be found on the derbyshiremoths.org website, (https://www.derbyshiremoths.org/micro-takeaway-list/).

The nomenclature follows the Agassiz, Beavan and Heckford (2013) checklist and for easy cross reference the Bradley and Fletcher (2000) number is included in brackets. Also included is the current "Common Name" as detailed in the Field Guide to the Micro-moths of Great Britain and Ireland by Sterling, Parsons and Lewington (2023).

Within the detailed species listing, contributors initials are included in brackets. A full list of recorders is provided in the table at the end of this report. Those who have kindly allowed use of their images are listed on page 51.

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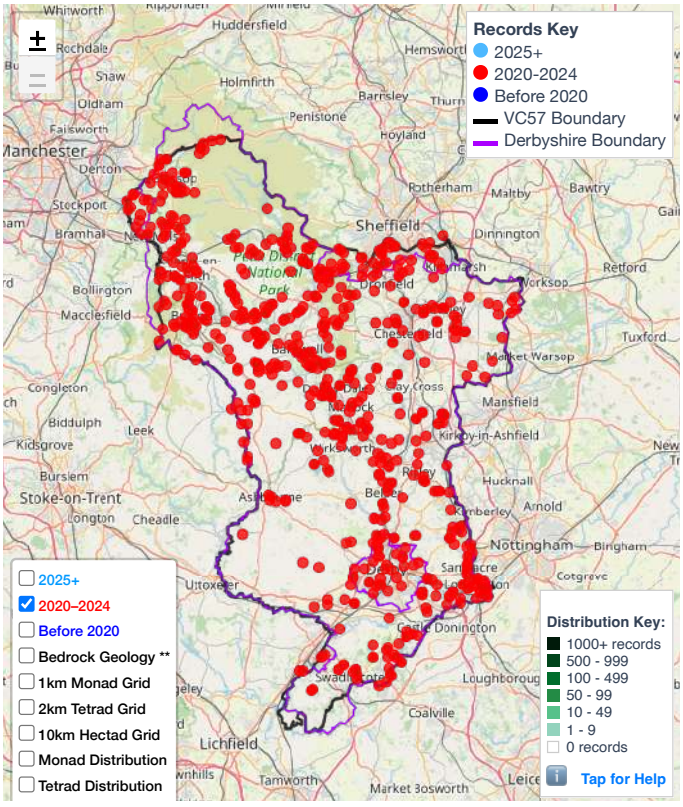
Overview of the period 2020 - 2024

A total of 37 micro moth species were recorded as new to VC57 Derbyshire during 2020-2024. All are covered in the species accounts below, along with an additional 168 species that were noted as significant records. Many of the species covered in this report are likely to be rare in VC57. For leaf mines, only those records that could be verified according to national guidelines have been included.

The 205 species of micro moth that are covered in the report were recorded by 65 very fortunate moth-ers (sadly two of which are no longer with us and are recognised in the listing), and several were lucky enough to record more than one new species for VC57 Derbyshire during the five year period. My thanks go to the 30 photographers who have kindly given their permission to use their photographs. All are acknowledged at the back of this report. During the period 2020-2024 there were 24,028 records of micro moths submitted and verified to the iRecord database. For ease of locating the new VC57 species, within the index table below, they are identified by a **Green** filled block, which contains the initials of the recorder. In the species account they are prefixed with ** and the number is also coloured **Green**.

From 66,048 records
Coverage: 516 of 752 tetrads with records (**68.6%**)

└ **3609** from **After 2024**
└ **24028** from **2020 - 2024**
└ **38411** from **Before 2020**



Record distribution - 2020-2024

Index of Micro Moth species new to VC57 Derbyshire or a significant record 2020 - 2024

Checklist ABH No:	New for VC57 Derbyshire	Family	Latin Name	Common Name
1.003		Micropterigidae	*Micropterix aureatella*	Yellow-barred Pollen Moth
2.007		Eriocraniidae	*Eriocrania semipurpurella*	Large Spring Jewel
4.002		Nepticulidae	*Stigmella lapponica*	Grey Birch Dot
4.003		Nepticulidae	*Stigmella confusella*	Pale Birch Dot
4.004		Nepticulidae	*Stigmella tiliae*	Lime Dot
4.006		Nepticulidae	*Stigmella sakhalinella*	Glossy Birch Dot
4.007		Nepticulidae	*Stigmella luteella*	Short-barred Dot
4.014	GF	Nepticulidae	*Stigmella catharticella*	Buckthorn Dot
4.025		Nepticulidae	*Stigmella nylandriella*	Rowan Dot
4.026		Nepticulidae	*Stigmella oxyacanthella*	Fruit-tree Dot
4.030		Nepticulidae	*Stigmella hybnerella*	Shining Hawthorn Dot
4.038		Nepticulidae	*Stigmella obliquella*	Willow Dot
4.054		Nepticulidae	*Stigmella perpygmaeella*	Least Hawthorn Dot
4.056		Nepticulidae	*Stigmella speciosa*	Beautiful Sycamore Dot
4.062		Nepticulidae	*Stigmella samiatella*	Chestnut Dot
4.075		Nepticulidae	*Etainia louisella*	Maple Seed Dot
4.076		Nepticulidae	*Etainia decentella*	Sycamore Seed Dot
4.078		Nepticulidae	*Fomoria septembrella*	Hypericum Dot
4.085		Nepticulidae	*Ectoedemia argyropeza*	Aspen Dot
4.088	WS	Nepticulidae	*Ectoedemia heringella*	Speckled Holme Oak Dot
4.099		Nepticulidae	*Ectoedemia occultella*	Large Birch Dot
6.005		Heliozelidae	*Heliozela hammoniella*	Birch Cutter
7.003	SO	Adelidae	*Nemophora cupriacella*	Copper-tip Longhorn
7.008		Adelidae	*Adela croesella*	Lesser Banded Longhorn
7.012		Adelidae	*Nematopogon schwarziellus*	Sandy Longhorn
8.001		Incurvariidae	*Incurvaria pectinea*	Pale Feathered Cutter
8.003		Incurvariidae	*Incurvaria oehlmanniella*	Purple-tinged Cutter
9.006	DS	Prodoxidae	*Lampronia fuscatella*	Birch Gall Moth

Index of Micro Moth species new to VC57 Derbyshire or a significant record 2020 - 2024

Checklist ABH No:	New for VC57 Derbyshire	Family	*Latin Name*	Common Name
11.004		Psychidae	*Dahlica inconspicuella*	Lesser Lichen Bagworm
11.012		Psychidae	*Psyche casta*	Common Bagworm
12.010		Tineidae	*Morophaga choragella*	Great Fungus Moth
12.011		Tineidae	*Triaxomera fulvimitrella*	Four-spotted Fungus Moth
12.012		Tineidae	*Triaxomera parasitella*	Brindled Fungus Moth
12.037		Tineidae	*Monopsis weaverella*	Carrion Moth
15.001	WS	Gracillariidae	*Parectopa ononidis*	Clover Stilt
15.002	GF	Gracillariidae	*Caloptilia cuculipennella*	Privet Stilt
15.004		Gracillariidae	*Caloptilia elongella*	Alder Stilt
15.012		Gracillariidae	*Caloptilia semifascia*	Maple Stilt
15.0131	PM	Gracillariidae	*Caloptilia honoratella*	Pale Maple Stilt
15.017		Gracillariidae	*Calybites phasianipennella*	White-marked Stilt
15.022		Gracillariidae	*Callisto denticulella*	Apple Nymph
15.026		Gracillariidae	*Parornix fagivora*	Beech Parornix
15.034		Gracillariidae	*Phyllonorycter harrisella*	Oak Leaf-miner
15.039		Gracillariidae	*Phyllonorycter quercifoliella*	Common Oak Leaf-miner
15.041		Gracillariidae	*Phyllonorycter platani*	Plane Leaf-miner
15.049		Gracillariidae	*Phyllonorycter spinicolella*	Blackthorn Leaf-miner
15.050		Gracillariidae	*Phyllonorycter cerasicolella*	Cherry Leaf-miner
15.065		Gracillariidae	*Phyllonorycter esperella*	Dark Hornbeam Leaf-miner
15.073		Gracillariidae	*Phyllonorycter lautella*	Small Oak Leaf-miner
15.079		Gracillariidae	*Phyllonorycter stettinensis*	Lesser Alder Leaf-miner
15.080		Gracillariidae	*Phyllonorycter froelichiella*	Large Alder Leaf-miner
15.085		Gracillariidae	*Phyllonorycter joannisi*	Norway Maple Leaf-miner
15.086		Gracillariidae	*Phyllonorycter geniculella*	Sycamore Leaf-miner
15.092		Gracillariidae	*Phyllocnistis unipunctella*	Poplar Maze-miner
16.014		Yponomeutidae	*Pseudoswammerdamia combinella*	Little Buff-tip
16.015		Yponomeutidae	*Swammerdamia caesiella*	Birch Drab

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Checklist ABH No:	New for VC57 Derbyshire	Family	Latin Name	Common Name
16.021		Yponomeutidae	*Cedestis gysseleniella*	Double-barred Needle-miner
16.022		Yponomeutidae	*Cedestis subfasciella*	Barred Needle-miner
17.006	SP	Ypsolophidae	*Ypsolopha horridella*	Dark-tufted Scallop
17.009	CH	Ypsolophidae	*Ypsolopha sylvella*	Long-barred Ochre
17.013		Ypsolophidae	*Ypsolopha vittella*	Dusky Rabbit Moth
17.015		Ypsolophidae	*Ochsenheimeria urella*	Bulls-horn Stem Moth
19.002		Glyphipterigidae	*Glyphipterix thrasonella*	Eyed Rush Moth
19.014		Glyphipterigidae	*Acrolepia autumnitella*	Speckled Bittersweet Moth
20.015		Argyresthiidae	*Argyresthia curvella*	Brindled Apple Tip Moth
20.016		Argyresthiidae	*Argyresthia retinella*	Speckled Tip Moth
20.018		Argyresthiidae	*Argyresthia spinosella*	Blackthorn Tip Moth
20.020		Argyresthiidae	*Argyresthia semifusca*	Purple-washed Tip Moth
20.022		Argyresthiidae	*Argyresthia bonnetella*	Hawthorn Tip Moth
21.004		Lyonetiidae	*Leucoptera laburnella*	Laburnum Leaf-miner
21.005		Lyonetiidae	*Leucoptera spartifoliella*	Broom Stem-miner
28.005	ST	Oecophoridae	*Denisia albimaculea*	Pied Concealer
28.008	SP	Oecophoridae	*Metalampra italica*	Italian Tubic
28.017	DE	Oecophoridae	*Batia lambdella*	Tawny Crescent
28.025		Oecophoridae	*Pleurota bicostella*	Heath Streak
29.002		Chimabachidae	*Diurnea lipsiella*	Late Reveller
30.003	GF	Lypusidae	*Agnoea josephinae*	Orange-headed Concealer
32.003	IV	Depressariidae	*Luquetia lobella*	Tufted Blackthorn Moth
32.016		Depressariidae	*Agonopterix propinquella*	Black-spot Buff
32.024		Depressariidae	*Agonopterix assimilella*	Speckled Broom Buff
32.026		Depressariidae	*Agonopterix kaekeritziana*	Knapweed Buff
32.029		Depressariidae	*Agonopterix umbellana*	Gorse Buff
32.030		Depressariidae	*Agonopterix nervosa*	Burnt-tip Buff
32.037		Depressariidae	Depressaria pimpinellae	Pimpinel Flat-body

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Checklist ABH No:	New for VC57 Derbyshire	Family	Latin Name	Common Name
35.010		Gelechiidae	Aproaerema anthyllidella	Vetch Moth
35.018		Gelechiidae	Hypatima rhomboidella	Black Rhomboid Grey
35.0191	MB	Gelechiidae	Anarsia innoxiella	Maple Snout
35.022		Gelechiidae	Dichomeris marginella	Juniper Webber
35.026		Gelechiidae	Acompsia cinerella	The Cinereous
35.053	PB	Gelechiidae	Isophrictis striatella	Tansy Stem Borer
35.058		Gelechiidae	Metzneria metzneriella	Knapweed Seed-head Moth
35.066		Gelechiidae	Monochroa tenebrella	Burnished Sorrel Moth
35.089		Gelechiidae	Prolita sexpunctella	Six-spotted Groundling
35.105		Gelechiidae	Gelechia nigra	Black Gelechia
35.118		Gelechiidae	Scrobipalpa ocellatella	Beet Moth
35.143		Gelechiidae	Teleiodes luculella	Crescent Groundling
35.145		Gelechiidae	Neotelphusa sequax	Rock-rose Moth
35.146		Gelechiidae	Teleiopsis diffinis	Common Groundling
35.149		Gelechiidae	Carpatolechia alburnella	Birch Grey
35.151		Gelechiidae	Carpatolechia proximella	Spotted Birch Grey
35.152		Gelechiidae	Pseudotelphusa scalella	Pied Oak Moth
35.157		Gelechiidae	Recurvaria leucatella	White-barred Apple Moth
35.159	DE	Gelechiidae	Exoteleia dodecella	Tufted Pine Moth
35.160		Gelechiidae	Stenolechia gemmella	Black V Bud Moth
37.005	The late CM	Coleophoridae	Coleophora lutipennella	Oak Case-bearer
37.015		Coleophoridae	Coleophora serratella	Common Case-bearer
37.027		Coleophoridae	Coleophora potentillae	Potentilla Case-bearer
37.066		Coleophoridae	Coleophora laricella	Larch Case-bearer
37.069	The late CM	Coleophoridae	Coleophora caespititiella	Buff Rush Case-bearer
37.072	The late CM	Coleophoridae	Coleophora otidipennella	Wood-rush Case-bearer
37.102		Coleophoridae	Coleophora argentula	Yarrow Case-bearer
38.029		**Elachistidae**	*Elachista luticomella*	Yellow-headed Grass-miner

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38.030		Elachistidae	*Elachista albifrontella*	White-headed Grass-miner
38.032		Elachistidae	*Elachista apicipunctella*	Pearly Grass-miner
39.002		Parametriotidae	*Blastodacna atra*	Apple Pith Moth
39.005		Parametriotidae	*Chrysoclista linneella*	Lime Flame
40.001		Momphidae	*Mompha conturbatella*	Great Mompha
40.003		Momphidae	*Mompha lacteella*	Buff-headed Mompha
40.010		Momphidae	*Mompha epilobiella*	Buff Mompha
40.011		Momphidae	*Mompha langiella*	White-spot Mompha
42.002		Stathmopodidae	*Stathmopoda pedella*	Alder Signaller
45.013		Pterophoridae	*Stenoptilia bipunctidactyla*	Twin-spot Plume
45.023		Pterophoridae	*Marasmarcha lunaedactyla*	Crescent Plume
45.028		Pterophoridae	*Capperia britanniodactylus*	Wood Sage Plume
45.033		Pterophoridae	*Merrifieldia leucodactyla*	Thyme Plume
47.005		Epermeniidae	*Epermenia chaerophyllella*	Common Ridge-back
47.006		Epermeniidae	*Epermenia falciformis*	Streaked Ridge-back
49.005		Tortricidae	*Epagoge grotiana*	Brown-barred Tortrix
49.009		Tortricidae	*Capua vulgana*	Pale-shouldered Tortrix
49.010		Tortricidae	*Philedonides lunana*	Northern Heath Tortrix
49.014		Tortricidae	*Archips crataegana*	Brown Oak Tortrix
49.016		Tortricidae	*Archips rosana*	Rose Tortrix
49.021		Tortricidae	*Ptycholomoides aeriferana*	Yellow Larch Tortrix
49.022		Tortricidae	*Ptycholoma lecheana*	Brindled Tortrix
49.023		Tortricidae	*Pandemis cinnamomeana*	White-faced Tortrix
49.030		Tortricidae	*Cacoecimorpha pronubana*	Carnation Tortrix
49.033		Tortricidae	*Aphelia viburnana*	Bilberry Tortrix
49.035		Tortricidae	*Clepsis senecionana*	Tawny Tortrix
49.049		Tortricidae	Cnephasia incertana	Light Grey Tortrix
49.050		Tortricidae	*Cnephasia stephensiana*	Common Grey Tortrix
49.051		Tortricidae	*Cnephasia asseclana*	Flax Tortrix
49.066		Tortricidae	*Acleris laterana*	Dark-marked Tortrix
49.078		Tortricidae	*Acleris aspersana*	Small Rufous Tortrix

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49.086	CH	Tortricidae	*Acleris logiana*	Pale Birch Tortrix
49.095		Tortricidae	*Phtheochroa rugosana*	Rugged Bryony Beauty
49.101		Tortricidae	*Phalonidia manniana*	Water Mint Straw
49.123		Tortricidae	*Aethes beatricella*	Broad-barred Straw
49.133		Tortricidae	*Thyraylia nana*	Birch Straw
49.134		Tortricidae	*Cochylis roseana*	Rosy Straw
49.136	CA	Tortricidae	*Neocochylis hybridella*	White-fronted Straw
49.138	BH	Tortricidae	*Neocochylis molliculana*	Tawny-fronted Straw
49.145		Tortricidae	*Pseudosciaphila branderiana*	Aspen Marble
49.148		Tortricidae	*Apotomis lineana*	Scarce Willow Marble
49.149		Tortricidae	*Apotomis turbidana*	White-shouldered Marbled
49.151		Tortricidae	*Apotomis capreana*	Willow Marble
49.153		Tortricidae	*Apotomis sauciana*	Least Marble
49.158		Tortricidae	*Hedya ochroleucana*	Buff-tipped Marble
49.172		Tortricidae	*Phiaris schulziana*	Large Marble
49.178		Tortricidae	*Stictea mygindiana*	Cowberry Marble
49.180		Tortricidae	*Piniphila bifasciana*	Pine Marble
49.184		Tortricidae	*Lobesia reliquana*	Wood Marble
49.186		Tortricidae	*Endothelia gentianaeana*	Teasel Marble
49.188		Tortricidae	*Endothenia marginana*	Bordered Marble
49.211		Tortricidae	*Ancylis myrtillana*	Bilberry Hook-wing
49.225	WS	Tortricidae	*Spilonota laricana*	Larch Bud Moth
49.231		Tortricidae	*Epinotia brunnichana*	Large Birch Roller
49.234		Tortricidae	*Epinotia abbreviana*	Brown Elm Tortrix
49.237	ST	Tortricidae	*Epinotia signatana*	Black-streaked Tortrix
49.242	TD	Tortricidae	*Epinotia nanana*	Small Spruce Tortrix
49.243		Tortricidae	*Epinotia demarniana*	Blotched Tortrix
49.244		Tortricidae	*Epinotia subocellana*	Pale Willow Tortrix
49.248		Tortricidae	*Epinotia tenerana*	Nut Bud Moth
49.259		Tortricidae	*Zeiraphera ratzeburgiana*	Spruce Bud Moth
49.264		Tortricidae	*Eucosma obumbratana*	Shaded Tortrix

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Checklist ABH No:	New for VC57 Derbyshire	Family	Latin Name	Common Name
49.275		Tortricidae	*Eucosma conterminana*	Lettuce Tortrix
49.278	EM	Tortricidae	*Gypsonoma minutana*	Small Brindled Tortrix
49.280	SP	Tortricidae	*Gypsonoma oppressana*	Mottled Grey Tortrix
49.284		Tortricidae	*Epiblema sticticana*	Colt's-foot Root-borer
49.285		Tortricidae	*Epiblema scutulana*	Thistle Root-borer
49.289		Tortricidae	*Epiblema costipunctana*	Ragwort Root-borer
49.300	DE	Tortricidae	*Pseudococcyx turionella*	Pine Bud Moth
49.306		Tortricidae	*Rhyacionia pinicolana*	Smooth Pine Shoot Moth
49.311	The late CM	Tortricidae	*Dichrorampha aeratana*	Dingy Daisy Moth
49.318		Tortricidae	*Dichrorampha vancouverana*	Orange-spot Yarrow Moth
49.320		Tortricidae	*Dichrorampha alpinana*	Orange-spot Daisy Moth
49.321		Tortricidae	*Dichrorampha petiverella*	Yellow-spot Yarrow Moth
49.324		Tortricidae	*Cydia nigricana*	Pea Moth
49.3431	TD	Tortricidae	*Thaumatotibia leucotreta*	False Codling Moth
49.351		Tortricidae	*Grapholita lunulana*	Northern Crescent
49.357	WS	Tortricidae	*Grapholita funebrana*	Plum Fruit Moth
49.362		Tortricidae	*Pammene giganteana*	Early Oak Gall Moth
49.381		Tortricidae	*Strophedra weirana*	Little Beech Tortrix
62.007		Pyralidae	*Cryptoblabes bistriga*	Double-striped Knot-horn
62.021	MR	Pyralidae	*Oncocera semirubella*	Rosy Knot-horn
62.025		Pyralidae	*Dioryctria sylvestrella*	Chequered Pine Knot-horn
62.034		Pyralidae	*Acrobasis repandana*	Beautiful Oak Knot-horn
62.039	SO	Pyralidae	*Apomyelois bistriatella*	Phoenix Knot-horn
62.047	ST	Pyralidae	*Assara terebrella*	Dark Spruce Knot-horn
62.065	JM	Pyralidae	*Ephestia woodiella*	Blushed Knot-horn
63.017		Pyralidae	*Anania lancealis*	Long-winged Pearl
63.028	CA	Crambidae	*Ostrinia nubilalis*	European Corn-borer
63.046		Crambidae	*Duponchelia fovealis*	European Pepper Moth
63.048		Crambidae	*Palpita vitrealis*	Olive-tree Pearl
63.091		Crambidae	*Agriphila latistria*	White-streaked Grass Moth
63.120		Crambidae	*Schoenobius gigantella*	Giant Water-veneer

Species Accounts for period 2020 - 2024

Micropterigidae

1.003 (BF3) *Micropterix aureatella* -Yellow-barred Pollen Moth (Scopoli, 1763)

There are three records during the period, one on 28th May 2020, Jim Mart Reserve (NM), one 4th June 2021, Hillbridge NR (JH), two on 7th May 2023, Elvaston (MB).

Eriocraniidae

2.007 (BF13) *Eriocrania semipurpurella* - Large Spring Jewel (Stephens, 1835)

One record of the leaf mine on Birch from Wyver Lane, Belper on 24th April 2024 (DE). This species appears to be very rare in the county, with only three records since 1970.

Nepticulidae

4.002 (BF116) *Stigmella lapponica* - Grey Birch Dot (Wocke, 1862)

The first two records since 2011 were of leaf mines, on Birch, from Wyver Lane, Belper on 4th and 12th Sept 2024 (DE).

4.003 (BF117) *Stigmella confusella* - Pale Birch Dot (Wood, 1894)

There were three records of leaf mines, the first since 2015. Wyver Lane, Belper on 4th and 12th Sept 2024 (DE) and Monsal Trail on 14th Oct 2024 (MCH). All on Birch.

4.004 (BF90) *Stigmella tiliae* - Lime Dot (Frey, 1856)

Four records of the leaf mine 17th August 2023, Rosliston Forest Centre (DC); 7th October 2023, Calke Park, Ticknall (GF); 4th Sept, and 12th Sept 2024 Wyver Lane, Belper (DE). All on Lime.



Eriocrania semipurpurella on Birch - ©Dave Evans



Stigmella lapponica on Birch - ©Dave Evans

4.006 (BF113) *Stigmella sakhalinella* - Glossy Birch Dot (Puplesis, 1984)

The only record since 2010 was of a leaf mine on Birch from River Trent, Hemington, 6th Nov 2021 (ST).



Stigmella tiliae on Lime - ©Dave Evans



Stigmella sakhalinella on Birch - ©Sue Timms

4.007 (BF112) *Stigmella luteella* - Short-barred Dot (Stainton, 1857)

A record of the leaf mine on Birch from Wyver Lane Aug 2022 (DE), was the first record since 2011.



Stigmella luteella on Birch - ©Dave Evans



Stigmella catharticella on Buckthorn ©Graham Finch

****4.014 (BF98) *Stigmella catharticella* - Buckthorn Dot (*Stainton,1853*)**

A record of the leaf mine on Buckthorn from Carver's Rocks on 30th Sept 2023 (GF) was the first record of this species for VC57 Derbyshire.

4.025 (BF103) *Stigmella nylandriella* - Rowan Dot (Tengström, 1848)

The leaf mine was recorded from Rowan at one site, Wyver Lane, Belper, on three separate dates in Sept 2024 (DE). These were the first records since 2010.

4.026 (BF100) *Stigmella oxyacanthella* - Fruit-tree Dot (Stainton, 1854)

Two records of the leaf mine during the period were first records since 2010. One 21st Sept 2024, River Derwent, Derby (NG) and one 14th Oct 2024, Millers Dale (MCH). The mines were on Apple.



Stigmella nylandriella on Rowan - ©Dave Evans



Stigmella oxyacanthella on Apple
©Martin C. Harvey

4.030 (BF99) *Stigmella hybnerella* - Shining Hawthorn Dot (Hübner, 1796)

There were two records of the leaf mine, all on Hawthorn, during the period. One 31st Aug 2024 from Lower Gamesley (SH) and one 30th Oct 2024 from Wyver Lane, Belper (DE).

4.038 (BF70) *Stigmella obliquella* - Willow Dot (Heinemann, 1862)

A record of the leaf mine on Willow on 22nd Nov 2023 from Poppy Wood, Melbourne (GF) was the first since 2010.



Stigmella hybnerella on Hawthorn - ©Dave Evans



Stigmella perpygmaeella on Hawthorn
©Dave Evans

4.054 (BF79) *Stigmella perpygmaeella* - Least Hawthorn Dot (Doubleday, 1859)

One record of the leaf mine, on Hawthorn, 4th Sept 2024, Wyver Lane, Belper (DE), was the first since 2009.

4.056 (BF65) *Stigmella speciosa* - Beautiful Sycamore Dot (Frey, 1858)

There were four records of the leaf mine on Sycamore. 1st Oct 2023 from Calke Park (GF), 30th Sept 2023 Carver's Rock (GF), one 5th Nov 2024 from Burton-on-Trent (GF) and 12th Sept 2024 Cote Heath Allotments (JM).



Stigmella speciosa on Sycamore - ©Jon Mortin



Stigmella samiatella on Sweet Chestnut ©Dave Evans

4.062 (BF88) *Stigmella samiatella* - Chestnut Dot (Zeller, 1839)

Only four records, all were leaf mines and all on Sweet Chestnut, are the first since 2008. 30th Sept 2023, Carver's Rocks (GF), 1st Oct 2023, Calke Park (GF), 7th Oct 2023, Calke Park (GF) and 12th Sept 2024, Wyver Lane, Belper (DE).

4.075 (BF22) *Etainia louisella* - Maple Seed Dot (Zeller, 1839)

The first record of the mine since 2011, was on 15th Aug 2024 from Buxton (NG). The larva mine the seed keys of Field Maple, forming an irregular gallery.

4.076 (BF20) *Etainia decentella* - Sycamore Seed Dot (Herrich-Schäffer, 1855)

This is a scarce species in Derbyshire, first recorded in 1996. Only two records in the 2020-2024 period, both from Norton Lees.17th June 2023, (MT) and 24th June 2024 (PM). The larva mine the seed keys of Sycamore.



Etainia louisella - ©Neil Gregory



Etainia decentella - ©Pete Mella

4.078 (BF42) *Fomoria septembrella* - Hypericum Dot (Stainton, 1849)

Only five records, all were of leaf mines on *Hypericum*, all from 2024 and the first since 2011.Two separate records on 21st July 2024, both from Coombs Dale, Stoney Middleton (JB) (AE), one 24th July 2024, Goyts Lane Pond (JM), one 31st Aug 2024, Deep Dale (JM) and one 31st Aug, Lower Gamesley (SH).

4.085 (BF23) *Ectoedemia argyropeza* - Aspen Dot (Zeller, 1839)

The second VC57 record of this species was of the leaf mine found on Aspen on 5th Nov 2024 at Pottery Wood, near Ticknall (GF). The first record was from Grange Wood on 13th Sept 2018.

**4.088 (BF36a) *Ectoedemia heringella* - Speckled Holme Oak Dot (Mariani, 1939)

A first record for VC57 Derbyshire, when leaf mines were found on Holme Oak at Kings Newton, 12th Feb 2024 (WS).



Ectoedemia heringella on Holm Oak - ©Will Soar



Ectoedemia occultella on Birch - ©Tom Shields

4.099 (BF34) *Ectoedemia occultella* - Large Birch Dot (Linnaeus, 1767)

A record of the leaf mine, found on Birch, from Kings Newton on 28th Oct 2024 (TS) was the first since 2018.

Heliozelidae

6.005 (BF157) *Heliozela hammoniella* - Birch Cutter (Sorhagen, 1885)

A record from 18th Aug 2022, Lady Canning's Plantation (AW), a count of 30 Leaf Mines, on Birch.

Adelidae

**7.003 (BF146) *Nemophora cupriacella* - Copper-tip Longhorn (Hübner, 1819)

A first VC57 record, of one from 13th July 2024, Pleasley (SO).



Nemophora cupriacella - ©Steve Orridge

7.008 (BF151) *Adela croesella* - Lesser Banded Longhorn (Scopoli, 1763)

Only two records during the period. 14th June 2021, Belper (DE) and 31st May 2024, Fox Covert, Long Eaton (MB).

7.012 (BF141) *Nematopogon schwarziellus* - Sandy Longhorn (Zeller, 1839)

Just two records during the period, one from 16th May 2021, Hardwick Hall NT (SL), and one 12th May 2024, Kings Newton (WS).

Incurvariidae

8.001 (BF129) *Incurvaria pectinea* - Pale Feathered Cutter (Haworth, 1828)

One record of an adult from Wildboar Clough, Longdendale on 29th April 2024 (CH).



Nematopogon schwarziellus - ©Will Soar



Incurvaria pectinea - ©Christian Heintzen

8.003 (BF131) *Incurvaria oehlmanniella* - Purple-tinged Cutter (Hübner, 1796)

During this period there were only two records, both of adults, 15th May 2024, Long Clough (CH) and 19th May 2024, Wildboar Clough, Longdendale (CH).

Prodoxidae

**9.006 (BF138) *Lampronia fuscatella* - Birch Gall Moth (Tengström, 1848)

The first VC57 records were of Galls on Birch, recorded at Fairholmes (Ladybower) on 11th Feb 2023 (DS) and an adult from Wildboar Clough, Longdendale, 30th May 2024 (CH).



Incurvaria oehlmanniella - ©Christian Heintzen



Lampronia fuscatella - ©Christian Heintzen

Psychidae

11.004 (BF177) *Dahlica inconspicuella* - Lesser Lichen Bagworm (Stainton, 1849)

A record from 17th April 2023, Padley Gorge (SM), when an adult was sweep netted, was the first since 1993.

11.012 (BF186) *Psyche casta* - Common Bagworm (Pallas, 1767)

There are only two modern day records, both relating to larval cases, on 21st Sept 2022, Wyver Lane, Belper (DE), and 11th Feb 2023, Fairholmes (Ladybower) (DS). (Reported by Harrison & Sterling as a common species).

Tineidae

12.010 (BF196) *Morophaga choragella* - Great Fungus Moth (Denis & Schiffermüller], 1775)

Three records during the period. 17th July 2020, Breaston (ST), 7th Aug 2020, Kings Newton (WS), and 27th Aug 2022, Kings Newton (WS).



Morophaga choragella - ©Will Soar



Triaxomera parisitella - ©Pete Mella

12.011 (BF225) *Triaxomera fulvimitrella* - Four-spotted Fungus Moth (Sodoffsky, 1830)

Two individuals were recorded from Hell Bank Plantation on 16th June 2022 (MP), were the first since 2003.

12.012 (BF224) *Triaxomera parasitella* - Brindled Fungus Moth (Hübner, 1796)

The second record for VC57 was recorded on 18th June 2020 at Norton Lees (PM), with a third vice-county record on 31st May 2024 from Compstall (AB).

12.037 (BF228) *Monopis weaverella* - Carrion Moth (Scott, 1858)

With only seven records prior to 2010, there was just one accepted record from Kings Newton 24th Aug 2020 (WS).

Gracillariidae

**15.001 (BF229) *Parectopa ononidis* - Clover Stilt (Zeller, 1839)

The first record for VC57 Derbyshire was from Kings Newton when one was attracted to MV light on 7th Aug 2020 (WS), a second record soon after was from Bluebank Pools LNR, Whittington, near Chesterfield on 31st Aug 2020 (AG).



Parectopa ononidis - ©Will Soar





Caloptilia cuculipennella Gen Det
©Graham Finch

****15.002 (BF280) *Caloptilia cuculipennella* (Hübner, 1796)**

The first record for VC57 Derbyshire was from Grange Wood on 2nd July 2021(GF). The identification was confirmed by Gen Det Prep.



Caloptilia cuculipennella - ©Graham Finch





***Caloptilia elongella* and Gen Det** -
the late ©Claire Miles

15.004 (BF282) *Caloptilia elongella* - Alder Stilt (Linnaeus, 1761)

An adult (confirmed by dissection) at Hathersage on 30th Mar2021(the late CM) and one on 12th July 2020, Kings Newton (WS). Leaf Mines were recorded on Alder from Carver's Rocks on 30th Sept 2023 (GF) and from Calke Park on 1st Oct 2023 (GF).

15.012 (BF290) *Caloptilia semifascia* - Maple Stilt (Haworth, 1828)

Two records during this period. One from 6th Sept 2023 at Findern (BH) and one 2nd July 2024, Sandiacre (PB).

****15.0131 (BF291a) *Caloptilia honoratella* - Pale Maple Stilt (Rebel, 1914)**

One trapped overnight on 31st July 2024 at Norton Lees (PM) was the first record for VC57 Derbyshire (ID confirmed by dissection). A possible second record from Allestree on 17th July 2022 (SP),was unable to be accepted as a gen det was not carried out. It is now regarded that all Acer feeding *Caloptilia* species require scientific analysis in order to separate yellow banded summer broods, [C.W. Plant (2022) Ent. Rec. 134].



Caloptilia honoratella - ©Pete Mella



Phyllonorycter harrisella - ©Will Soar

15.017 (BF296) *Calybites phasianipennella* - White-marked Stilt (Hübner, 1813)

A record from Quarndon 20th Aug 2020 (DBr) was only the second vice-county record. Three further records came from Littleover on 24th Sept 2021 (third VC57 record) (NW), Findern on 18th Aug 2023 (BH) and Kings Newton on 13th Mar 2024 (WS).

15.022 (BF310) *Callisto denticulella* - Apple Nymph (Thunberg, 1794)

We have very few records of this attractive little moth with only nine records to 2020. During this period there were two recorded. 15th June 2020, Longshaw (DW), and 28th May 2021, Midway (MW).

15.026 (BF302) *Parornix fagivora* - Beech Parornix (Frey, 1861)

A single record of a leaf mine on 1st Oct 2023 from Calke Park (GF). On Beech.

15.034 (BF315) *Phyllonorycter harrisella* - White Oak Leaf-miner (Linnaeus, 1761)

One record of an adult from 29th July 2024, Kings Newton (WS).

15.039 (BF320) *Phyllonorycter quercifoliella* - Common Oak Leaf-miner (Zeller, 1839)

Four records in the period, with three of leaf mines. One from 11th Jul 2021 Blacka Moor Plantation on Oak (AW), an adult attracted to mv light trap 16th June 2021 Shirland (NM), leaf mine on oak 31st Aug 2024 Lower Gamely (SH), and leaf mine on Oak 28th Oct 2024 Kings Newton (TS).



Phyllonorycter quercifoliella - ©Nikki Mahadevan



Phyllonorycter quercifoliella - ©Steve Hind

15.041 (BF321a) *Phyllonorycter platani* - Plane Leaf-miner (Staudinger, 1870)

Since 2010 there have only been seven records (all but two of leaf mines) of this species. Records for this period were of an adult 9th May 2020 Breaston (ST), and leaf mines from River Derwent, Derby, 21st Sept 2024 (NG) and Alvaston Park, Derby, 21st Sept 2024, (NG), on London Plane.

15.049 (BF329) *Phyllonorycter spinicolella* - Blackthorn Leaf-miner (Zeller, 1846)

A single leaf mine record on 22nd Nov 2023, Poppy Wood, Melbourne (GF). On Blackthorn.

15.050 (BF330) *Phyllonorycter cerasicolella* - Cherry Leaf-miner (Herrich-Schäffer, 1855)

Four records of the leaf mine, 30th Sept 2023, Carver's Rocks (GF), 1st Oct 2023 Calke Park (GF), 22nd Nov 2023, Poppy Wood, Melbourne (GF) and 15th Aug 2024, Spring Lakes, Buxton (NG). On Cherry & Bird Cherry.

15.065 (BF343) *Phyllonorycter esperella* - Dark Hornbeam Leaf-miner (Goeze, 1783)

Three records of the leaf mine were the first since 2010, 29th Sept 2023 Serpentine Wood, Buxton (JM), 1st Oct and 7th Oct 2023 Calke Park (GF). All on Hornbeam.

15.073 (BF351) *Phyllonorycter lautella* - Small Oak Leaf-miner (Zeller, 1846)

One record of the leaf mine on Oak 6th Nov 2020 from Blacka Moor Plantation (AW).



Phyllonorycter platani on London Plane ©Neil Gregory



Phyllonorycter lautella on Oak - ©Andrew Watchorn

15.079 (BF357) *Phyllonorycter stettinensis* - Lesser Alder Leaf-miner (Nicelli, 1852)

A leaf mine record was the first report of this species since 2018. 1st Oct 2023, Calke Park (GF). On Alder. A species that is widespread but totally under-recorded.

15.080 (BF358) *Phyllonorycter froelichiella* - Large Alder Leaf-mine (Zeller, 1839)

Two leaf mine records (the first since 2015) 1st Oct and 7th Oct 2023, Calke Park (GF). On Alder.

15.085 (BF363) *Phyllonorycter joannisi* - Norway Maple Leaf-miner (Le Marchand, 1936)

The first record since 2009 was of a leaf mine on 1st Oct 2023, Calke Park (GF). On Norway Maple.

15.086 (BF364) *Phyllonorycter geniculella* - Sycamore Leaf-miner (Ragonot, 1874)

One record of an adult 25th July 2020 Belper (DE); Four records of leaf mines on Sycamore. 25th July 2020 Hathersage (AW), 30th Sept 2023 Carver's Rocks (GF), 1st Oct and 7th Oct 2023 Calke Park (GF).



Phyllonorycter geniculella - ©Dave Evans



Phyllonorycter geniculella on Sycamore
©Dave Evans

15.092 (BF368) *Phyllocnistis unipunctella* - Poplar Maize-miner (Stephens, 1834)

Three records: an adult on 30th Aug 2020 at Staveley (AG), and two leaf mines, Melbourne 26th July 2023 (TS) and an empty mine from Belper 12th Sept 2024 (DE). On Hybrid Poplar.

Yponomeutidae

16.014 (BF436) *Pseudoswammerdamia combinella* - Little Buff-tip (Hübner, 1786)

Three records since 2010, one 10th May 2020, Allestree (SP), one 30th April 2024, Shirland (NM) and one 8th May 2024, Findern (BH).

16.015 (BF437) *Swammerdamia caesiella* - Birch Drab (Hübner, 1796)

Only three records, 7th Aug 2020, Melbourne (TD), 8th July 2021, Drakelow (MW), and 17th July, Buxton 2021 (SO).

16.021 (BF442) *Cedestis gysseleniella* - Double-barred Needle-miner (Zeller, 1839)

Since 1994 only nine records have been recorded, three of these from the period of this report. 8th July 2021, Belper (DE), 9th July and 20th Aug 2021, Hathersage (The late CM).

16.022 (BF443) *Cedestis subfasciella* - Barred Needle-miner (Stephens, 1834)

Another rarely recorded species with only four records since 1993. Two records during the period of this report, 4th June 2021 Midway (MW) and 16th July 2022, Shirland (NM).



Cedestis gysseleniella - ©Dave Evans



Cedestis subfasciella - ©Nikki Mahadevan



Ypsolopha horridella - ©Stephen Plant



Ypsolopha sylvella - ©Christian Heintzen

Ypsolophidae

****17.006 (BF456) *Ypsolopha horridella* - Dark-tufted Scallop (Treitschke, 1835)**

A new species for VC57 Derbyshire when one was recorded from a garden moth trap overnight at Allestree on 21st July 2024 (SP). The second vice-county record arrived from Staveley on 4th Aug 2024 (SM).

****17.009 (BF459) *Ypsolopha sylvella* - Long-barred Ochre (Linnaeus, 1767)**

New species for VC57 Derbyshire. Four records: 28th Aug 2022 Findern (BH), 22nd Sept 2022 Glossop (CH), 21st July 2023 Breaston (ST), and 26th Sept 2023 Allestree (SP).

17.013 (BF463) *Ypsolopha vittella* - Dusky Rabbit Moth (Linnaeus, 1758)

Two records were the first since 2015, 19th Sept 2022, Hathersage (the late CM) and 6th Sept 2024, from Miller's Dale (SB).

17.015 (BF252) *Ochsenheimeria urella* - Bull's-horn Stem Moth (Fischer von Röslerstamm, 1842)

A record from Pleasley Pit Country Park on 13th July 2024 (JH) was the first since 1995.



Ypsolopha vittella - the late ©Claire Miles



Ochsenheimeria urella - ©*Jane Hewitt*

Glyphipterigidae

19.002 (BF397) *Glyphipterix thrasonella* - Eyed Rush Moth (Scopoli, 1763)

The three records received were the first since 2018. 27th May 2023, Long Clough (CH), 17th June 2024, and 21st June 2024 Dovehead, Buxton (SMo).

19.014 (BF476) *Acrolepia autumnitella* - Speckled Bittersweet Moth (Curtis, 1838)

A single leaf mine record from Lake Park on 1st Oct 2023 (GF). On Bittersweet.

Argyresthiidae

20.015 (BF414) *Argyresthia curvella* - Brindled Apple Tip Moth (Linnaeus, 1761)

Between 1995 and 2019 there were seven records, with a further four during 2020-2024, 9th June 2021, Findern (BH), 2nd June 2022, Kirk Hallam (BHo), 6th June 2022, Breaston (ST) and 18th June 2022, Sheffield (MT).

20.016 (BF415) *Argyresthia retinella* - Speckled Tip Moth (Zeller, 1839)

Two records, were from Kings Newton 19th June 2022 (WS), and Belper 18th June 2023 (DE), the first since 2014.

20.018 (BF417) *Argyresthia spinosella* - Blackthorn Tip Moth (Stainton, 1849)

There were four recorded during 2020-2024. 16th June 2021, Findern (BH), 22nd & 26th June 2021, Midway (MW) and 19th June 2023, Cromford (CA). It remains a scarce species in Derbyshire.

20.020 (BF419) *Argyresthia semifusca* - Purple-washed Tip Moth (Haworth, 1828)

Only six records to 2019, and only a single record between 2020-2024 on 20th Aug 2022, Waingroves Wood, Ripley (ST).

20.022 (BF421) *Argyresthia bonnetella* - Hawthorn Tip Moth (Linnaeus, 1758)

Only one record in 2021, 9th August, Birch Vale (JH) and only two records in 2022, both from Buxton, one on 17th July and one on 1st Aug (SO). These were the first records of this species since 2017.

Lyonetiidae

21.004 (BF254) *Leucoptera laburnella* - Laburnum Leaf-miner (Stainton, 1851)

A leaf mine record on 4th Nov 2020, Buxton (JM) was the first since 2001. Adults were recorded in Belper 21st July 2022 and 19th July 2024 (both DE). On Laburnum.

21.005 (BF256) *Leucoptera spartifoliella* - Broom Stem-miner (Hübner, 1813)

With only two previous records from 1947 and 1997, a record of an adult from Sandiacre 22nd May 2022 (EM) was most unexpected. According to Harrison & Sterling (1985), during 1916-19 this species was reported as common on Broom.



Leucoptera laburnella - ©Dave Evans



Leucoptera laburnella on Laburnum - ©Jon Mortin

Oecophoridae

**28.005 (BF638a) *Denisia albimaculea* - Pied Concealer (Haworth, 1828)

A record from Breaston on 2nd June 2021 (ST) was the first vice-county record. A second was reported on 22nd June 2024 from Midway (MW).



Denisia albimaculea - ©Steve Thorpe



Metalampra italica - ©Dave Evans

**28.008 (BF642a) *Metalampra italica* - Italian Tubic (Baldizzone, 1977)

This species was first recorded in Britain in 2003. The first record for VC57 Derbyshire was 18th July 2022, when one was recorded from a garden light trap in Allestree (SP). Since this first report there have been a further 21 occurrences to the end of 2024. Many of these are from the Belper, and Darley Dale area of the county, with the expansion of the moth's range appearing to be following the Derwent Valley.

**28.017 (BF641) *Batia lambdella* - Tawny Crescent (Donovan, 1793)

An individual attracted to MV light in Darwin Forest on 26th June 2023 (DE) was the first vice-county record.

28.025 (BF654) *Pleurota bicostella* - Heath Streak (Clerck, 1759)

The only two records since 2010 were from Hathersage 23rd June 2021 and Little Hayfield 22nd June 2022 (both the late CM).



Batia lambdella - ©Dave Evans



Pleurota bicostella - The late ©Claire Miles

Chimabachidae

29.002 (BF664) *Diurnea lipsiella* - Late Reveller (Denis & Schiffermüller, 1775)

Only two records from 23rd Oct 2021, Buxton (SO) and Long Clough on 13th October 2024 (CH). These were the first records since 1996.



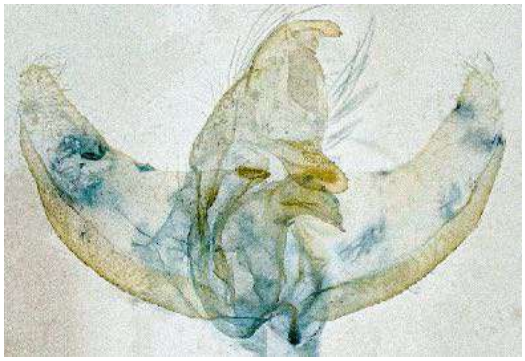
Diurnea lipsiella - ©Christian Heintzen



Luquetia lobella - ©Marion Bryce



Agnoea josephinae - ©Graham Finch



Agnoea josephinae (prep) - ©Graham Finch

Lypusidae

****30.003 (BF660) *Agnoea josephinae* - Orange-headed Concealer (Toll, 1956)**

A record from Grange Wood in July 2021 (GF) was the first vice county record. Confirmed by gendet by the recorder.

Depressariidae

****32.003 (BF668) *Luquetia lobella* - Tufted Blackthorn Moth (Denis & Schiffermüller, 1775)**

The first record for VC57 Derbyshire was of one on 15th June 2020 from Sandiacre (IV), followed by the 2nd record from Long Eaton on 17th June 2022 (MB).

32.016 (BF696) *Agonopterix propinquella* - Black-spot Buff (Treitschke, 1835)

The first record since 2011 was from Breaston when one was attracted to a garden moth trap on 17th May 2024 (ST).

32.024 (BF702) *Agonopterix assimilella* - Speckled Broom Moth (Treitschke, 1832)

Harrison & Sterling (1988) described this species as a fairly widespread and localised moth on Broom. However there has only been one modern day record from Buxton on 1st Aug 2020 (SO).

32.026 (BF698) *Agonopterix kaekeritziana* - Knapweed Buff (Linnaeus, 1767)

An adult from Grinlow, Buxton on 10th July 2021 (SO) was the first record since 2010.



Agonopterix assimilella - ©Steve Orridge



Agonopterix kaekeritziana - ©Steve Orridge

32.029 (BF705) *Agonopterix umbellana* - Gorse Buff (Fabricius, 1794)

This very attractively marked Agonopterix is a rare species in Derbyshire. After a record in 1973, none were reported until 17th March 2023, when one was found at Gnat Hole, Glossop (CH). A further record from Buxton on 18th March 2024 (SB).

32.030 (BF706) *Agonopterix nervosa* - Burnt-tip Buff (Haworth, 1811)

Three records, from Buxton 27th July 2021 (SO), Markham Vale South Pit 13th Sept 2023 (SM), and Belper 27th Aug 2024 (DN).

32.037 (BF673) *Depressaria pimpinellae* - Pimpinel Flat-body (Zeller, 1839)

The first record of this species was from Kings Newton in 2018. The second record on 7th Aug 2020 (WS) was from the same garden by the same recorder.



Agonopterix umbellana - ©Christian Heintzen



Depressaria pimpinella - ©Will Soar

Gelechiidae

35.010 (BF843) *Aproaerema anthyllidella* - Vetch Moth (Hübner, 1813)

Only two records since 1977. One on 9th May 2024, Cromford (CA) and one on 31st July 2024 from Belper (DE).

35.018 (BF858) *Hypatima rhomboidella* - Black Rhomboid Grey (Linnaeus, 1758)

Two records since 2012, both from the north-west of the vice-county. One on 14th Aug 2022, Birch Vale (JH) and one on 22nd Sept 2024, Buxton (SB).

**35.0191 (BF857a) *Anarsia innoxiella* - Maple Snout (Gregersen & Karsholt, 2017)

The first vice-county record was from Sandiacre on 17th June 2022 (MB), followed by the second on 22nd June 2022 from Draycott (SC). This species was recognised as new to science in 2017.



Aproaerema anthyllidella - ©Dave Evans



Anarsia innoxiella - ©Marion Bryce

35.022 (BF862) *Dichomeris marginella* - Juniper Webber (Fabricius, 1781)

Although there are eight records during the period, they are all from just four sites, all in the south of the county and all south of the Trent Valley. These are 23rd July, 5th July and 2nd July 2024 Sandiacre (PB), 25th June 2024 Melbourne (TD), 7th July 2023 and 24th July 2021 Breaston (ST) and 16th July, 1st July 2021 Swadlincote (the late DB). The remaining 46 records from 1995-2019 are also from the same areas indicating a tightly restricted range in the vice-county for this species.

35.026 (BF855) *Acompsia cinerella* - The Cinereous (Clerck, 1759)

The first record since 2011 was discovered in a garden moth trap in Cromford on 28th July 2023 (CA). There were four more records from the same garden during July 2024 (CA).



Dichomeris marginella - ©Tony Davison



Acompsia cinerella - ©Clive Ashton

**35.053 (BF729) *Isophrictis striatella* - Tansy Stem Borer (Denis & Schiffermüller, 1775)

The first vice-county record was from Sandiacre on 21st July 2024 (PB), with a further three records during July-August 2024, 26th July and 1st August Allestree(SP), and Breaston 2nd August (ST). There is now a second species of *Isophrictis* in Britain (*I. anthemidella*). At the moment *I. anthemidella* has only been recorded from Kent and Suffolk. If the species spreads, records of *I. striatella* may need to be examined more thoroughly.



Isophrictis striatella - ©Paul Buxton



Isophrictis striatella - ©Stephen Plant

35.058 (BF726) *Metzneria metzneriella* - Knapweed Seed-head Moth (Stainton, 1851)

Although there were nine records in the period, they were all from 3 sites in the north-west of the vice-county, apart from one record from Allestree 21st June 2020 (SP). Site A in Buxton 15th June 2020, 30th June 2022 and 11th & 12th June 2023 (SO). Site B in Buxton 13th June 2021, 26th June 2021 and16th June 2022 (RW). One from 25th June 2024 Ashford-in-the-Water (SB).

35.066 (BF735) *Monochroa tenebrella* - Burnished Sorrel Moth (Hübner, 1817)

A record of an adult female, showing the white tips to the antennae, from Buxton on 10th June 2022 (AM) was the first since 1995.

35.089 (BF794) *Prolita sexpunctella* - Six-spot Grey (Fabricius, 1794)

One on 30th May 2021 from Birch Vale (JH) was the first record since 2012.

35.105 (BF806) *Gelechia nigra* - Black Gelechia (Haworth, 1828)

A first record of this species in Derbyshire since 1916, when one was attracted to a garden light trap in Chaddesden, Derby on 19th July 2024 (NL). Another individual was recorded on 20th July 2024 from another garden moth trap in Chaddesden (MR). A nationally local species which is extending its range from south-east England to the north-west.



Gelechia nigra - ©Neil Loverock



Gelechia nigra - ©Martin Roome

35.118 (BF814) *Scrobipalpa ocellatella* - Beet Moth (Boyd, 1858)

The species was first recorded in Derbyshire on 24th Sept 2000.The 2nd & 3rd records were two individuals trapped over-night at Kings Newton on 28th August 2022 (WS). At the time there was an unprecedented number of records of this species across the country, so these likely represent migrant moths.



Scrobipalpa ocellatella - ©Tony Davison



Neotelphusa sequax - ©Steve Orridge

35.143 (BF774) *Teleiodes luculella* - Crescent Groundling (Hübner, 1813)

The first record of this species since 2010 was recorded from Froggatt on 18th June 2022 (BB). There was a further record on 21st June 2024 from a garden in Mickleover (CM).

35.145 (BF775) *Neotelphusa sequax* - Rock-rose Moth (Haworth, 1828)

Two records, a larva on Rock Rose at Tansley Dale on 9th May 2023 (SN) followed by an adult at Buxton on 7th July 2023 (SO).

35.146 (BF776) *Teleiopsis diffinis* - Common Groundling (Haworth, 1828)

A single individual from Cromford on 29th June 2024 (CA) was only the third record since 1984.

35.149 (BF771) *Carpatolechia alburnella* - Birch Grey (Zeller, 1839)

We have only four records of this species, the earliest from 1996. Recorded from Kings Newton 12th July 2020 (WS), Chaddesden 25th July 2023 (NL) and one from Grange Wood 2nd July 2021 (VC57) (GF).



Teleiopsis diffinis - ©Clive Ashton



Carpatolechia alburnella - ©Will Soar

35.151 (BF770) *Carpatolechia proximella* - Spotted Birch Grey (Hübner, 1796)

Since 1994 there have been only three accounts, all in 2024, High Leas Farm, Riber on 25th May 2024 (ST), Wildboar Clough, Longdendale 30th May 2024 (CH) and Long Clough 31st May (CH).

35.152 (BF764) *Pseudotelphusa scalella* - Pied Oak Moth (Scopoli, 1763)

One record on 8th July 2021, Breaston (ST) was the first since 2009.



***Exoteleia dodecella* -** ©Dave Evans



Stenolechia gemmella - ©Pete Mella

35.157 (BF758) *Recurvaria leucatella* - White-barred Apple Moth (Clerck, 1759)

Two records during the period, both from Kings Newton, one 12th July 2020 and one 29th July 2024 (WS). The species was first recorded in the county in 2013 (per DaNES Journal 169).

****35.159 (BF760) *Exoteleia dodecella* - Tufted Pine Moth (Linnaeus, 1758)**

A record from a Belper light trap on 24th June 2023 (DE) was the first vice-county record.

35.160 (BF755) *Stenolechia gemmella* - Black V Bud Moth - (Linnaeus, 1758)

A single record from 1st Sept 2020 Norton Lees, when an adult was attracted to MV light (PM).

Coleophoridae

37.005 (BF490) *Coleophora lutipennella* - Oak Case-bearer (Zeller, 1838)

One of a group of Coleophora species which can only be identified by dissection and are likely to be under-recorded. A record from Hathersage 16th July 2021 (the late CM) was the first vice-county record. The species was confirmed from gendet by the recorder.



Coleophora lutipennella - the late ©Claire Miles



***Coleophora lutipennella* (prep)**
the late ©Claire Miles

37.015 (BF493) *Coleophora serratella* - Common Case-bearer (Linnaeus, 1761)

Two records of larval cases on birch from Kings Newton on 19th June 2022 (WS) and 26th April 2024 (TS) were the first since 2015.

37.027 (BF513) *Coleophora potentillae* - Potentilla Case-bearer (Elisha, 1885)

A larval case found at Buxton on 12th Oct 2024 (SO) was the first record since 1992.

37.066 (BF526) *Coleophora laricella* - Larch Case-bearer (Hübner, 1817)

Only four records between 1994 and 2019. A record of seven larval cases on larch buds from Fairholmes, Ladybower on 11th Feb 2023 (DS).



Coleophora potentillae - ©Steve Orridge



Coleophora potentillae - ©Steve Orridge

**37.069 (BF587) *Coleophora caespititiella* - Buff Rush Case-bearer (Zeller, 1839)

One recorded from a garden moth trap in Hathersage on 25th May 2020 (the late CM) was confirmed by gendet by the recorder. This was the first vice-county record.

**37.072 (BF578) *Coleophora otidipennella* - Wood-rush Case-bearer (Hübner, 1817)

The first vice-county record was from Hathersage on 9th May 2021. Confirmed by gendet by the recorder (the late CM).

37.102 (BF563) *Coleophora argentula* - Yarrow Case-bearer (Stephens, 1834)

A record of a case on old Yarrow heads, 5th March 2020 at Lightwood, Buxton (SO) was the first record since 2010.



Coleophora otidipennella - the late ©Claire Miles



Elachista luticomella - ©Graham Finch

Elachistidae

38.029 (BF600) *Elachista luticomella* - Yellow-headed Grass-miner (Zeller, 1839)

Twelve were sweep-netted at Staunton Harold Reservoir on 31st May 2024, during a National Trust Bio-blitz event (GF). The species was confirmed by gendet and was the first record since 1952, although this is another genus that often requires dissection and is likely to be under-recorded.

38.030 (BF601) *Elachista albifrontella* - White-headed Grass-miner (Hübner, 1817)

Only four records during the period. 13th June 2022 and 13th June 2023 Staveley (SM), 16th June 2022, Kinder Bank, Hayfield (Gen Det completed) (the late CM), and13th June 2023 Bakewell (RT).

38.032 (BF602) *Elachista apicipunctella* - Pearly Grass-miner (Stainton, 1849)

There were just three records during this recording period. One on 14th May 2021, Stoney Clouds (MB), one on 27th April 2024, Belper Coppice Park (MB) and one on 2nd May 2024, Cromford (CA).

Parametriotidae

39.002 (BF906) *Blastodacna atra* - Apple Pith Moth (Haworth, 1828)

A single record from Belper on 15th August 2023 (DE), the first since 2016.

39.005 (BF903) *Chrysoclista linneella* - Lime Flame (Clerck, 1759)

The only previous known record in VC57 Derbyshire was in 1863, so it was something of a surprise when we received a record and photograph of this distinctive species from Chaddesden on 25th July 2021 (NL). A second was recorded from the same location on 10th August 2022 (NL).
A third report from Leys Hall Park, Matlock on 23rd June 2024 (KR) suggests the species may be more widely distributed. Adults do not readily come to light, but apparently may be found on the trunks of mature lime trees where the larvae feed on bark.



Chrysoclista linneella - ©Kirsty Raphael



Mompha conturbatella - ©Steve Orridge

Momphidae

40.001 (BF885) *Mompha conturbatella* - Great Mompha (Hübner, 1819)

A record from Buxton on 30th June 2020 (SO) was the first since 1975.

40.003 (BF887) *Mompha lacteella* - Buff-headed Mompha (Stephens, 1834)

Only three records of this rarely recorded species in VC57 Derbyshire. Hathersage 9th June 2021 (the late CM), Hathersage 29th June 2021 (the late CM) and Buxton 8th August 2022 (SO).



Mompha lacteella - The late ©Claire Miles



Mompha epilobiella - ©Tony Davison

40.010 (BF893) *Mompha epilobiella* - Buff Mompha (Denis & Schiffermüller, 1775)

Another uncommon *Mompha,* with only eleven records between 1994 and 2024. Records from Melbourne on 29th July 2020 (TD), Birch Vale 23rd July 2021 (JH), Forbes Hole, Long Eaton on 19th July 2024 (MB) and Cromford, 25th Aug 2024 (CA). These were the first records since 2018.

40.011 (BF880) *Mompha langiella* - White-spot Mompha (Hübner, 1796)

A record from Hathersage on 20th Aug 2022 (the late CM) was the third vice-county record, the first was in 2012. Two further records in 2024, Allestree on 29th July (SP) and Midway on 26th Aug (MW)

Stathmopodidae

42.002 (BF877) *Stathmopoda pedella* - Alder Signaller (Linnaeus, 1761)

A generally localised species of southern England. It was first recorded in the vice-county in 2012 with only two more records prior to 2020. Three records: 18th July 2021 and 26th June 2024 Findern (BH) and Belper on 17th July 2024 (DE).



Stathmopoda pedella - ©Dave Evans



Stenoptilia bipunctidactyla - ©Ant Marriott

Pterophoridae

45.013 (BF1508) *Stenoptilia bipunctidactyla* - Twin-spot Plume (Scopoli, 1763)

This species was regularly recorded in Dovedale during 2010-2011 (DG), but in recent years there have been very few reports. Three records from Dam Dale 10th Aug 2020 (JH), Hathersage 21st June 2022 (AM) and Thornhill Carrs 16th July 2023 (RF).

45.023 (BF1495) *Marasmarcha lunaedactyla* - Crescent Plume (Haworth, 1811)

Two reports from 6th July 2023 Ilkeston (BHo) and on 7th July 2023 Sandiacre (PB) were the first since 2012 and only the 4th and 5th vice-county records.

45.028 (BF1494) *Capperia britanniodactylus* - Wood Sage Plume (Gregson, 1869)

Only one record since 1928-29 (Harrison & Sterling 1988), when a single adult was recorded from MV light at Findern on 12th June 2020 (BH).



Marasmarcha lunaedactyla - ©Paul Buxton



Capperia britanniodactylus - ©Brian Hallam

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45.033 (BF1510) *Merrifieldia leucodactyla* - Thyme Plume (Denis & Schiffermüller, 1775)

A single record from Deep Dale and Topley Pike Nature Reserve (SMo) on 26th June 2021. This was the first record since 2011 of this scarce species.

Epermeniidae

47.005 (BF483) *Epermenia chaerophyllella* - Common Ridge-back (Goeze 1783)

Only four records 29th March 2021 Breaston (ST), 16th May 2021 from Belper (DE), 31st July 2024 Cromford (CA) and a record of larvae activity on 31st Aug 2024 Lower Gamely (SH).



Epermenia chaerophyllella - ©Dave Evans



Epermenia chaerophyllella - ©Steve Hind

47.006 (BF481) *Epermenia falciformis* - Streaked Ridge-back (Haworth, 1828)

Only three VC57 records with the first in 2007. The second on 23rd Aug 2023 from Staveley (SM) and the third record from Markham Vale on 26th Aug 2024 (SM).

Tortricidae

49.005 (BF1006) *Epagoge grotiana* - Brown-barred Tortrix (Fabricius, 1781)

Only appears to be two Derbyshire records with the first in 2018. The second was from Belper on 12th July 2023 (DE).



Epagoge grotiana - ©Dave Evans



Capua vulgana - ©Christian Heintzen

49.009 (BF1007) *Capua vulgana* - Pale-shouldered Tortrix (Frölich, 1828)

Only four records during the period, all by same recorder and all from moorland around Glossop. 5th June2023 Shawmoor Plantation, Glossop, 12th May 2024 Gnat Hole, Glossop, 16th May 2024 Shire Hill, Glossop and 19th May 2024 Longdendale (CH).



Philedonides lunana - ©Steve Orridge



Archips crataegana - ©Martin Roome

49.010 (BF1009) *Philedonides lunana* - Heath Tortrix (Thunberg, 1784)

A characteristic species of the high gritstone moorlands that is rarely recorded away from these locations. A single record from Combs Moss, Buxton on 14th April 2021 (SO).

49.014 (BF979) *Archips crataegana* - Brown Oak Tortrix (Hübner, 1799)

Only two records since 2005, one on 15th June 2022, Sandiacre (EM) and one on 27th June 2024, South Wood VC57 (MR).

49.016 (BF981) *Archips rosana* - Rose Tortrix (Linnaeus, 1758)

Just one record in this period of a rarely recorded species in VC57, a female was attracted to light on 23rd June 2024 at Findern (BH).

49.021 (BF987) *Ptycholomoides aeriferana* - Yellow Larch Tortrix (Herrich-Schäffer, 1851)

Only three during this period with one on 18th July 2022, Allestree (SP), one on 22nd July 2024, Torside Reservoir (Top End) (CH) and one on 17th July 2024, Belper (DE). As this species is expanding its range northwards, it will be interesting to see if there will be an increase in records.

49.022 (BF1000) *Ptycholoma lecheana* - Brindled Tortrix (Linnaeus, 1758)

With only seven records since 2014, including three during this reporting period, this species is a significant find. Belper on 17th June 2021 (DE), Breaston on 17th June 2022 (ST) and Blacka Moor, Totley on 18th June 2024 (TM).

49.023 (BF971) *Pandemis cinnamomeana* - White-faced Tortrix (Treitschke, 1830)

Only one record during this recording period which was an adult taken at MV light on 27th June 2023, Darwin Forest, Matlock(DE).

49.030 (BF985) *Cacoecimorpha pronubana* - Carnation Tortrix (Hübner, 1799)

Only five records since 2012, with two during this recording period. One on 15th Sept 2020, Findern (BH) and one on 12th Aug 2024, Markham Vale (SM).



Ptycholomoides aeriferana - ©Dave Evans



Pandemis cinnamomeana - ©Dave Evans

49.033 (BF988) *Aphelia viburnana* - Bilberry Tortrix (Denis & Schiffermüller, 1775)

A single record from Ashover Rock on 19th June 2021 (NM) was only the third record since 1994.

49.035 (BF991) *Clepsis senecionana* - Tawny Tortrix (Hübner, 1819)

Only three records, all from upland moorland near Glossop on 11th May, 18th May and 22nd May 2023 (CH). The first records since 1994.



Cnephasia incertana - the late ©Claire Miles



Cnephasia incertana prep - the late ©Claire Miles

49.049 (BF1024) *Cnephasia incertana* - Light Grey Tortrix (Treitschke, 1835)

Cnephasia species are very similar in appearance and many require dissection for a definitive identification. Only one report of *C. incertana* from Hathersage on 29th June 2021, an adult which was identified by gendet (the late CM).

49.050 (BF1020) *Cnephasia stephensiana* - Common Grey Tortrix (Doubleday, 1849)

Just one record of an adult from Hathersage on 10th July 2022 that was identified by Gen Det Prep. (the late CM).



Cnephasia stephensiana - The late ©Claire Miles



Cnephasia stephensiana - Gen Det Prep
the late ©Claire Miles

49.051 (BF1021) *Cnephasia asseclana* - Flax Tortrix (Denis & Schiffermüller, 1775)

Only two records, one from Grange Wood on 2nd July 2021 (GF). This adult was identified by Gen Det but no prep images were taken. The second record from Hathersage on 7th June 2022 (The late CM) was identified by Gen Det and prep images were taken.



Cnephasia asseclana - ©Graham Finch



Cnephasia asseclana - prep
the late ©Claire Miles

49.066 (BF1038) *Acleris laterana* - Dark-marked Tortrix (Fabricius, 1794)

There were only three records of this species during the period. All were identified by gendet, and all were from Hathersage. 20th Aug 2021, 20th Aug 2022 and 11th November 2022 (the late Claire Miles).

49.078 (BF1043) *Acleris aspersana* - Small Rufous Tortrix (Hübner, 1817)

Only three records in the period. From 20th Aug 2023 Deep Dale(DHT), 13th Aug 2024 Cromford (CA) and 26th Aug 2024 Deep Dale (DHT).



Clepsis senecionana - ©Christian Heintzen



***Acleris logiana* -** ©Christian Heintzen

****49.086 (BF1051) *Acleris logiana* - Pale Birch Tortrix (*Clerck, 1759*)**

The first record for VC57 Derbyshire of this attractive Tortrix was from Long Clough on 3rd Nov 2023 (CH). There have been a further five records to end of 2024, Wildboar Clough 16th Nov 2023 (CH), Long Clough, 8th March 2024 (CH), Sandiacre, 25th June 2024 (EM) and Long Clough, 24th Nov 2024 (CH).

49.095 (BF925) *Phtheochroa rugosana* - Rugged Bryony Beauty (Hübner, 1799)

One of the so called “Bird Poo” mimics. Although there were nine records during the period, they were all very much localised to four sites in the Trent Valley, south of the Vice-county. 7th July 2021 and 21st June 2024 Findern (BH). 30th May 2020, 2nd June 2021, 15th June 2021, 26th June 2021 and 8th July 2021 Breaston (ST). 3rd May 2024 Sandiacre (EM) and 21st July 2020 Kings Newton (WS).

49.101 (BF926) *Phalonidia manniana* - Water Mint Straw (Fischer von Röslerstamm, 1839)

Described by Harrison & Sterling as rare, with their last account in 1955 from Whaley Bridge. The next time this species was reported was in 2005 from Mercaston. It was then recorded in 2020 from Breaston 30th June (ST), and a further record from Long Eaton on 31st July 2024 (MB). Both sites having Water Mint close by. The species was split in 2012, *P. manniana* (on Water Mint) & *P. udana* (on Yellow Loosestrife). A cautious approach needs to be made with this species as the distribution of *P. udana* is not fully known.

49.123 (BF951) *Aethes beatricella* - Broad-barred Straw (Walsingham, 1898)

A single record from Allestree on 25th June 2020 (SP) is the only one since 1982 (Harrison & Sterling 1988), this is a rare species in VC57.

49.133 (BF968) *Thyraylia nana* - Birch Straw (Haworth, 1811)

Four records, 17th June 2021 Belper (DE); 26th June and 8th July 2021 Breaston (ST) and 29th May 2024 Belper (DE).



Aethes beatricella - ©Stephen Plant



Thyraylia nana - ©Dave Evans

49.134 (BF962) *Cochylis roseana* - Rosy Straw (Haworth, 1811)

With only five records since 1998 to the end of 2024, this species remains a significant find in Derbyshire. One on 6th Aug 2022, Barrow Hill (JH), was a daytime observation and was the only record during this period.



Cochylis roseana - ©Jane Hewitt



Neocochylis hybridella - ©Clive Ashton

**49.136 (BF965) *Neocochylis hybridella* - White-fronted Straw (Hübner, 1813)

The first record for VC57 Derbyshire was an adult from Cromford when one was attracted to MV light on 2nd Aug 2024 (CA). A second record came from a garden light trap at Staveley on 7th August 2024 (SM). There are three other “lookalikes” which can cause confusion. A good guide is as follows:-

N.dubitana - Head & Palps White, Thorax Blackish / ***C.atricapitana*** - Head & Palps Blackish, Thorax Blackish /***N.molliculana*** - Head & Palps Brown, Thorax variable mix of White. / ***N. hybridella*** - Head, palps and thorax whitish.

**49.138 (BF964a) *Neocochylis molliculana* - Tawny-fronted Straw (Zeller, 1847)

A record from a garden in Findern on 7th Sept 2021 (BH) was the first vice-county record. There were further individuals on 28th July 2023 Breaston (ST), 20th August 2023 Belper (DE), 9th & two 12th August 2024 Staveley (SM), and 30th August 2024 Findern (BH).

A species that has steadily migrated north from southern Europe over the last few decades. It has now started to move northwards in Britain and is associated with Bristly Ox-tongue *Helminthotheca echioides*.



Neocochylis molliculana - ©Brian Hallam



Pseudosciaphila branderiana - ©Graham Finch

49.145 (BF1088) *Pseudosciaphila branderiana* - Aspen Marble (Linnaeus, 1758)

It has come to light that the first vice-county record was from 29th July 2019, Grangewood (GF). There is only one further record also from Grange Wood (VC57) on 2nd July 2021 (GF). The recorder's image shows the 'banded' form, *wahlbomiana.*

49.148 (BF1091) *Apotomis lineana* - Scarce Willow Marble (Denis & Schiffermüller, 1775)

A single record on 27th July 2021 Allestree (SP).

49.149 (BF1092) *Apotomis turbidana* - White-shouldered Marble (Hübner, 1825)

Five individuals were recorded, with singles from 1st July 2021 Newall (the late DB), 25th June 2023 Belper (DE) and three on 27th June 2024 South Wood (MR).

49.151 (BF1094) *Apotomis capreana* - Willow Marble (Hübner, 1817)

Two records on 7th July 2024 and 11th August 2024 Longdendale (CH). There were only three records between 1994 and 2019.



Apotomis capreana - ©Christian Heintzen



Apotomis sauciana - ©Christian Heintzen

49.153 (BF1096) *Apotomis sauciana* - Least Marble (Frölich, 1828)

Two records in 2020, one on 8th July Ludworth Moor (CH), and one on 12th July Birch Vale (JH). A third record on 15th July 2024 Bray Clough (CH).

49.158 (BF1084) *Hedya ochroleucana* - Buff-tipped Marble (Frölich, 1828)

Three records, 8th July 2021 Froggatt (BB), 30th June 2023 Staveley (SM) and 20th June 2024 Belper (DE). This is a scarce species with only four records between 1948 and 2019.

49.172 (BF1073) *Phiaris schulziana* - Large Marble (Fabricius, 1777)

Very few records of this moorland species (only five between 2011 and 2019). Two records in 2023 on 17th June Reeve Edge Quarry (JH) and on 3rd Sept Buxton (SO).

49.178 (BF1070) *Stictea mygindiana* - Cowberry Marble (Denis & Schiffermüller, 1775)

This species is restricted to the high moorland areas of VC57, where it is found on Cowberry (the food plant). It seems to have a preference for undisturbed moorland, especially where the moors have not been burnt or heavily managed for grouse. There was only one record from Blacka Moor on 30th May 2021 (DHT).

49.180 (BF1079) *Piniphila bifasciana* - Pine Marble (Haworth, 1811)

Three records, two were from the same site at Froggatt in 2020, one 26th June and one 30th July (BB) and one on 25th June 2023 Belper (DE).

49.184 (BF1106) *Lobesia reliquana* - Wood Marble (Hübner, 1825)

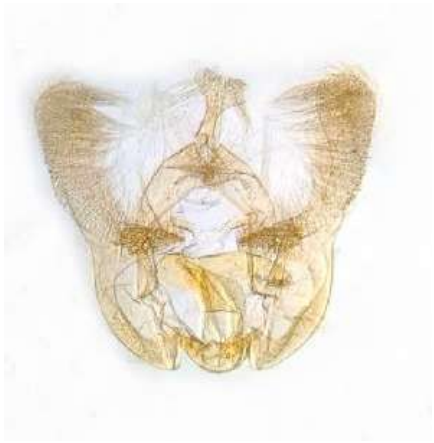
Two records, 23rd June 2021 Belper (DE) and on 19th May 2024 Longdendale, Wildboar Clough (CH) are only the second and third for the vice-county.

49.186 (BF1097) *Endothenia gentianaeana* - Teasel Marble (Hübner, 1799)

The first record since 2005 of the larva on teasel from Burton-on-Trent on 5th Nov 2024 (GF). Adults can be determined by the colour of their hind-wings. If not recorded then a Gen Det is required as the national guidelines are CAT 4.



Endothenia marginana - the late ©Claire Miles



Gen Det Prep - ***Endothenia marginana*** - the late ©Claire Miles

49.188 (BF1099) *Endothenia marginana* - Bordered Marble (Haworth, 1811)

There were three records, one from Hathersage on 28th March 2022, when a male emerged from a Teasel head that was brought indoors, the moth was identified by a Gen Det Prep (the late CM), a further record from Hathersage of a female to MV light on 14th Aug 2022, was also confirmed by Gen Det (the late CM). One from Forbes Hole NR, Long Eaton found on Yellow Rattle on 19th Jul 2024 (MB).

49.211 (BF1128) *Ancylis myrtillana* - Bilberry Hook-wing (Treitschke, 1830)

Just a single record during the period on 21st May 2024 from Black Edge, Doveholes (iNaturalist, an anonymous recorder). A species that is restricted to the high moorlands of the vice-county.

**49.225 (BF1205a) *Spilonota laricana* - Larch Bud Moth (Heinemann, 1863)

One recorded and photographed on 18th July 2018 from Kings Newton (WS), is the first record of this species in VC57, which was formerly considered to be a form of Bud Moth (*Spilonota ocellana*). A second record came from Torside Reservoir on 22nd Jul 2024 (CH).



Spilonota laricana - ©Christian Heintzen



Epinotia brunnichana - ©Bryan Barnacle

49.231 (BF1155) *Epinotia brunnichana* - Large Birch Roller (Linnaeus, 1767)

This is a scarce species in Derbyshire with three records on 12th July 2023 Markham Vale, South Tip (SM), on 12th July and 20th Aug 2023 Froggatt (BB).

49.234 (BF1150) *Epinotia abbreviana* - Brown Elm Tortrix (Fabricius, 1794)

Three adults were attracted to a garden light trap on 24th June 2020 at Breaston (ST). This moth is an Elm feeding species that has declined (in Britain) due to the loss of the food plant to Dutch Elm disease.

**49.237 (BF1144) *Epinotia signatana* - Black-streaked Tortrix (Douglas, 1845)

A new species for VC57 Derbyshire when one was found in a garden light trap in Breaston on 25th June 2022 (ST). The second record was discovered from the same Breaston garden on 11th Aug 2023 ST). An obscurely marked species that is uncommon in the north of England and into Scotland and Wales.



Epinotia signatana - ©Steve Thorpe



Epinotia nanana - ©Tony Davison

**49.242 (BF1145) *Epinotia nanana* - Small Spruce Tortrix (Treitschke, 1835)

The first record of this species in the vice-county was from Melbourne on 23rd June 2020 (TD) with the second record, also from Melbourne, on 25th June 2020 (TD). A further record from Breaston on 18th July 2024 (ST).

49.243 (BF1135) *Epinotia demarniana* - Blotched Tortrix (Fischer von Röslerstamm, 1840)

There have been seven records between 1996 and 2024, these include one on 1st June 2020, Melbourne (TD) and one on 30th May 2024, Longdendale, Wildboar Clough CH).

49.244 (BF1132) *Epinotia subocellana* - Pale Willow Tortrix (Donovan, 1806)

Another species that has been recorded only a few times in recent years. Since 2011 there have only been five records, with only two covering this reporting period. One on 17th June 2022 Buxton (SO) and one on 1st Aug 2024 Allestree (SP).

49.248 (BF1139) *Epinotia tenerana* - Nut Bud Moth (Denis & Schiffermüller, 1775)

Three records.19th July 2022 Breaston (ST), 6th Sept 2024 Millers Dale (SB) and 3rd Sept 2024 Beresford Dale (SMo).

49.259 (BF1163) *Zeiraphera ratzeburgiana* - Spruce Bud Moth (Saxesen, 1840)

This species was first recorded in 2004. There were three records, 13th July and 30th July 2020 Froggatt (BB), and one on 28th July 2024 High Leas, Matlock (ST).



Zeiraphera ratzeburgiana - ©Steve Thorpe



Gypsonoma minutana - ©Emily Milnes

49.264 (BF1202) *Eucosma obumbratana* - Shaded Tortrix (Lienig and Zeller, 1846)

Just four records in the period. one on 24th July 2021 Breaston, was the first since 1995 (ST), one 21st July 2023 Findern (BH), one 25th July 2024 Markham Vale (SM) and 1st Aug 2024 Sandiacre (PB).

49.275 (BF1192) *Eucosma conterminana* - Lettuce Tortrix (Guenée, 1845)

Only two records, the first since 2012. One from 27th July 2022 Breaston (ST) and one from 2nd Aug 2022 Belper (DE).

**49.278 (BF1171) *Gypsonoma minutana* - Small Brindled Tortrix (Hübner, 1799)

The first, and so far only, record for the vice-county was recorded from a garden light trap on 19th July 2022 Sandiacre (EM). A Nationally Scarce B species, this distinctive and heavily marked *Tortricid* is said to be locally distributed in the south-east of England, so one this far north is unusual, unless of course it is expanding its range.

**49.280 (BF1170) *Gypsonoma oppressana* - Mottled Grey Tortrix (Treitschke, 1835)

A single record on 17th June 2022 Allestree (SP) was the first vice-county record. A local species in England that seems to turn up sporadically.



Gypsonoma oppressana - ©Stephen Plant



Epliblema scutulana - the late ©Claire Miles

49.284 (BF1186) *Epiblema sticticana* - Colt's-foot Root-borer (Fabricius, 1794)

A single record from Lightwood, Buxton on 16th June 2023 (SO) was only the eighth record since 1979.

49.285 (BF1184) *Epiblema scutulana* - Thistle Root-borer (Denis & Schiffermüller, 1775)

Only two records both from Hathersage by same recorder, one 20th May 2022 and one 1st June 2022 (the late CM).



Pseudococcyx turionella - ©Dave Evans



Rhyacionia pinicolana - ©Dave Evans

49.289 (BF1187) *Epiblema costipunctana* - Ragwort Root-borer (Haworth, 1811)

Only five records to the end of 2024, which includes one from Norton Woodseats, Sheffield (VC57) on 18th June 2022, (MT).

**49.300 (BF1209) *Pseudococcyx turionella* - Pine Bud Moth (Linnaeus, 1758)

An adult attracted to MV light in a garden at Belper on 16th May 2021 (DE) was the first vice-county record.

49.306 (BF1211) *Rhyacionia pinicolana* - Smooth Pine Bud Moth (Doubleday, 1850)

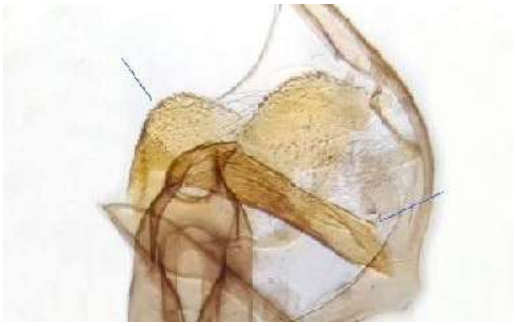
Only three records with two from Belper on 3rd July 2023 and 30th July 2024 (both DE) and one on 17th Aug 2023 Hathersage (CB).

49.311 (BF1287) *Dichrorampha aeratana* - Dingy Daisy Moth (Pierce & Metcalfe, 1915)

Most *Dichrorampha* species require dissection for definitive ID. A record of this species from Hathersage on 26th May 2022 (the late CM) was the first vice-county record. Gendet was used by the recorder to confirm the identification.



Dichrorampha aeratana - the late ©Claire Miles



***Dichrorampha aeratana* -** Gen Det Prep
the late ©Claire Miles

49.318 (BF1284) *Dichrorampha vancouverana* - Orange-spot Yarrow Moth (McDunnough, 1935)

Despite being quite distinctively marked and usually identifiable from photographs, we have few records of this species. A single record on 1st July 2024 Norton Lees (PM).

49.320 (BF1274) *Dichrorampha alpinana* - Orange-spot Daisy Moth (Treitschke, 1830)

Just three records for this species during this recording period. One from Kirk Hallam 16th Jul 2021 (BHo), one identified by Gen Det from Hathersage, 7th June 2022 (The late CM) and one from Buxton 23rd June 2024 (SB). The larvae feed on Ox-eye daisy roots and the adults can be found resting on the flowers.



Dichrorampha vancouverana - ©Pete Mella



Thaumatotibia leucotreta - ©Tony Davison

49.321 (BF1273) *Dichrorampha petiverella* - Yellow-spot Yarrow Moth (Linnaeus, 1758)

The shape and colour of the dorsal blotch is characteristic. A record from Markham Vale south tip 9th June 2022 (SM) is only the fourth since 2008.

49.324 (BF1257) *Cydia nigricana* - Pea Moth (Fabricius, 1794)

The first record since 2009 was recorded at Markham Vale, Seymour on 17th June 2024 (SM) followed by one at Markham Vale, South Tip 26th June (SM) and one from Gang Mine, Cromford 29th June (CA).

**49.3431 (BF1215) *Thaumatotibia leucotreta* - False Codling Moth (Meyrick, 1913)

A specimen of this Afro-tropical species was light trapped in a Melbourne garden on 27th August 2024 (TD), is the first vice-county record. The species is occasionally imported accidentally as a larva in oranges and other fruits and seeds, especially *Capsicum frutescens* (Chilli Peppers). It is a pest of fruit crops across its natural range in sub-Saharan Africa.

The recorder would like to thank the assistance of Will Soar (WS) in the identification process. Photographs were also sent to DEFRA, where one of their entomologists confirmed the identification.

49.351 (BF1252) *Grapholita lunulana* - Northern Crescent (Denis & Schiffermüller, 1775)

A single record from Deep Dale, near Ashford-in-the-Water, on 21st May 2022 (SG). A scarce species, this was only the fourth record since 2010.

**49.357 (BF1247) *Grapholita funebrana* - Plum Fruit Moth (Treitschke, 1835)

A new species for the vice-county in 2020 when one was attracted to MV light in a garden at Kings Newton on 21st July (WS). Further records are from Kirk Hallam 6th Aug 2021 (BHo), Hathersage on 6th and 10th Aug 2023 (AK), Cromford on 25th, 26th June 2024, and 20th July, 2024 (CA), and High Lees Farm Riber 28th July 2024 (ST).



Grapholita lunulana - ©Stephen Gray



Grapholita funebrana - ©Will Soar

49.362 (BF1227) *Pammene giganteana* - Early Oak Gall Moth (Peyerimhoff, 1863)

Until recently, our only record of this species was from 1928. The advent of pheromone lures that attract the species (SKI and FUN) has lead to an increase in records across the country and the moth is now believed to be more common than was thought. Pheromone records from two sites in Calke Park on 17th March 2024 (GF), would suggest the species is likely to be widespread in the vice-county.

49.381 (BF1221) *Strophedra weirana* - Little Beech Piercer (Douglas, 1850)

Three records of larval mines in 2023; Carver's Rocks on 21st Sept (GF) and Calke Park on 1st and 7th Oct (GF).

Pyralidae

62.007 (BF1433) *Cryptoblabes bistriga* - Double-striped Knot-horn (Haworth, 1811)

A single record on 26th June 2021 Breaston (ST) is only the third vice-county record since 1928.

**62.021 (BF1441) *Oncocera semirubella* - Rosy Knot-horn (Scopoli, 1763)

The first record for VC57 came from Ambaston Gravel Pits when one was attracted to MV light overnight on 17th July 2024 (MR). Hot on the heels of this record came a second from Sandiacre on 1st Aug 2024 (PB) and a third encounter from Wingerworth on 13th Aug 2024 (JW). Perhaps this species has now got a foot-hold in Derbyshire.

62.025 (BF1454b) *Dioryctria sylvestrella* - Chequered Pine Knot-horn (Ratezburg, 1840)

One record of this attractive Knot-horn from 17th Sept 2024 Belper (DE)



Oncocera semirubella - ©Martin Roome



Dioryctria sylvestrella - ©Dave Evans

62.034 (BF1436) *Acrobasis repandana* - Beautiful Oak Knot-horn (Fabricius, 1798)

Five records of this distinctive Knot-horn in the period. 6th July and 21st July 2020 Breaston (ST), 3rd July 2023 and 24th June 2024 Belper (DE) and 19th July Sandiacre (PB).

**62.039 (BF1486) *Apomyelois bistriatella* - Phoenix Knot-horn (Hulst, 1887)

This is a scarce and local species. A record from Buxton on 13th July 2020 (SO) was the first vice-county record.



Acrobasis repandana - ©Dave Evans



Apomyelois bistriatella - ©Steve Orridge

**62.047 (BF1461) *Assara terebrella* - Dark Spruce Knot-horn (Zincken, 1818)

A record of this distinctly-marked species from Breaston on the 26th June 2021 (ST) was the first record for the vice-county.

**62.065 (BF1474) *Ephestia woodiella* - Blushed Knot-horn (Richards & Thomson, 1932)

The first record of this species for the vice-county was from Buxton on 2nd June 2019 (JM). Further records were from Breaston on 2nd June 2020 (ST) and a third from Melbourne on 13th June 2020 (TD). Further records were forthcoming from Findern (BH), Breaston (ST) and Melbourne (TD) during 2024. This species appears to have established itself in the county.



Assara terebrella - ©Steve Thorpe



Ephestia woodiella - ©Tony Davison

Crambidae

63.017 (BF1377) *Anania lancealis* - Long-winged Pearl (Denis & Schiffermüller, 1775)

Although there are eight records in the period, all are from one site in Cromford, with the exception of a single record from Belper (which is close to Cromford). The Cromford records are 9th July /2022, 19th June 2023, 23rd June 2023, 24th June 2024, 26th June 2024, 29th June 2024, 24th July 2024 (CA). The Belper record was on 26th June 2024 (DE). It was also felt that this species was worth adding, along with a photograph, to show the distinctive, rather limp appearance of the moths wing shape.



Anania lancealis - ©Dave Evans



Ostrinia nubilalis - ©Clive Ashton

**63.028 (BF1375) *Ostrinia nubilalis* - European Corn-borer (Hübner, 1796)

A species that became resident in the south-east of England during the 1930's and now appears to be spreading northwards. A record from Cromford on 19th July 2022 (CA), is the first for the vice-county.

63.046 (BF1403a) *Duponchelia fovealis* - European Pepper Moth (Zeller, 1847)

An adventive Mediterranean species with the first vice-county record from Glapwell in 2010. Three records: On 26th Aug 2020 Long Eaton (PB), 10th Aug 2022 Findern (BH) and one from south Sheffield (within the VC57 boundary) on 10th Mar 2024 (iNaturalist anonymous recorder).

63.048 (BF1408) *Palpita vitrealis* - Olive-tree Pearl (Rossi, 1794)

During 2024 there was an unprecedented number of records of this migrant species. Up to September 2023 there were only five records of this attractive *pyralid* recorded in the vice-county. By the end of 2024 a further 17 records were added. Two records from Belper, 26th & 28th Aug (DE), one Belper 31st Aug (DN), one Sandiacre 7th Oct (EM), with a further 10 records in October, and three in Nov, one Sandiacre on 1st Nov (EM), Quarndon 2nd Nov (GP) and one High Leas 2nd Nov (ST).



Palpita vitrealis - Nov 2024 - ©Emily Milnes



Agriphila latistria - The late ©Claire Miles

63.091 (BF1307) *Agriphila latistria* - White-streaked Grass-moth (Haworth, 1811)

A single record on 30th August 2022 Hathersage (the late CM).

63.120 (BF1328) *Schoenobius gigantella* - Giant Water-veneer (Denis & Schiffermüller, 1775)

In the publication by Harrison & Sterling 1988, there is an account of this species from Repton in 1881. There were no further reports of the species from Derbyshire, until one was attracted to mv light from a garden in Breaston on 17th July 2020 (ST), the first record since 1881. The recorders garden backs onto a small wetland reserve, which undoubtedly accounts for the record.

There were a further four records in 2021, Drakelow NR (MW), three from Breaston (ST), one from Breaston in 2022 (ST), three in 2023 (ST), one from Barlborough on 24th June 2023 (DM) two from Breaston 2024 (ST), one from Drakelow, 7th June 2024 (MW), one from Ambaston, 17th July 2024 (MR), one from Breaston 18th July 2024 (ST) and one from Sandiacre, 18th July 2024 (EM). Apart from the Sandiacre record, all others are from locations that are close to wetland areas and none of which are in close proximity to each other.

Recorders Table 2020-2024

ID Code	Recorder	ID Code	Recorder
CA	Clive Ashton	**SL**	Stephen Lowe
BB	Bryan Barnacle	**NM**	Nikki Mahadevan
SB	Steven Bell	**TM**	Trevor Marshall
JB	Jackson Bird	**DM**	Dan Martin
AB	Andrew Bissett	**AM**	Ant Marriott
CB	Claire Blues	**CMa**	Christine Maughan
DBr	Dan Brown	**PM**	Pete Mella
DB	The late Dave Budworth	**CM**	The late Claire Miles
PB	Paul Buxton	**EM**	Emily Milnes
MB	Marion Bryce	**SMo**	Stephen Moores
DC	David Coles	**SM**	Sid Morris
SC	Stewart Collins	**JM**	Jon Mortin
TD	Tony Davison	**RN**	Russell Nevin
AE	A. Emmerson	**DN**	Dave Newcombe
DE	Dave Evans	**SN**	S.Norman
GF	Graham Finch	**SO**	Steve Orridge
RF	Rob Foster	**JO**	Jack Oughton
AG	A.Godfrey	**MP**	Melanie Penson
NG	Neil Gregory	**SP**	Stephen Plant
SG	Stephen Gray	**GP**	Graham Pollock
DG	Dave Grundy	**KR**	Kirsty Raphael
BH	Brian Hallam	**RT**	**Rhodri Thomas**
MCH	Martin C.Harvey	**MR**	Martin Roome
CH	Christian Heintzen	**DS**	David Shenton
JH	Jane Hewitt	**TS**	Tom Shields
SH	Steve Hind	**WS**	Will Soar
BHo	Brian Hobby	**MT**	Malcolm Tait
AK	A.Kydd	**ST**	Steve Thorpe
NL	Neil Loverock	**DHT**	Dave Higginson-Tranter

Recorders Table 2020-2024

ID Code	Recorder	ID Code	Recorder
IV	Ian Viles	**AWa**	Adrian Watson
NW	Neil Ward	**DW**	Derek Whiteley
AW	Andrew Watchorn	**MW**	Mike Williams
JW	Jim Windle		

ACKNOWLEDGEMENTS -
The editor would like to thank and acknowledge Jane Hewitt for her help, advice, assistance and tireless proof-reading during the compilation of this report. I have really appreciated her support. Thanks also to all the recorders who have submitted their records to iRecord and who have been fortunate enough to find first records of micro moths for the vice-county, along with those recorders who came so close with significant accounts. To Richard Pittam for the production of Maps and data, all of which have been so helpful to the completion of this report. To the "The Recording Team" who continue to provide such a professional and excellent verification service, processing your important records quickly and efficiently and of course all completed on a voluntary basis. To DaNES (The Derbyshire & Nottinghamshire Entomological Society) for the supply of historical data to help make this report as complete as possible and for the publication of the report in their Journal, and to the Derbyshire Moths Facebook Group, which is such a wonderful and well organised social media platform for local Derbyshire "Moth-ers". The data provided in this report has come from records that have been submitted and verified via iRecord, along with additional data from the DerbyshireMoths Website.

Apologies are made to anyone who has submitted records for Derbyshire, and have not been acknowledged.

PHOTOGRAPHY -
The photographs included in this report all carry copyright as indicated against each image. Permission to use the images was granted by the following photographers and my thanks go to:-

Clive Ashton; Bryan Barnacle; Marion Bryce; Paul Buxton; Tony Davison; Dave Evans; Graham Finch; Stephen Gray; Neil Gregory; Brian Hallam; Martin C. Harvey; Christian Heintzen; Jane Hewitt; Steve Hind; Neil Loverock; Nikki Mahadevan; Ant Marriott; Pete Mella; The late Claire Miles; Emily Milnes; Jon Mortin; Steve Orridge; Stephen Plant; Kirsty Raphael, Martin Roome; Tom Shields; Will Soar; Steve Thorpe: Sue Timms; Andrew Watchorn.

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