VC57 Derbyshire Macro Moth Report for 2025



Edited by Tony Davison

Blossom Underwing (*Orthosia miniosa)* ©Clive Ashton

DERBYSHIRE MACRO MOTH REPORT (VC57) - 2025

Edited by Tony Davison

Introduction.

During 2025, **475** species of macro moth were recorded by **550** recorders from **1,060** sites across the county. There were **54,051** records submitted to the iRecord database, of which **39,029** were of macro moths, with a total of **134,557** individual moths. All records have been carefully verified by the county verification team, who process them within the strict national guidelines issued by Butterfly Conservation.

The 2025 records represent a noticeable increase in recording effort compared to the previous two years, 2023-2024, reflecting the dedication and enthusiasm of Derbyshire's moth recording community.

Weather conditions during 2025 were very favourable for moth recording, with a warm and dry spring which influenced early emergence patterns. Summer continued to be very warm, hot at times and very dry, and this trend continued into the autumn with little rain into October. The warm weather systems that kept arriving from southern climates, from early summer into early autumn, saw the arrival of many migrant moth species across the country, and Derbyshire received its fair share. It is reasonable to say that 2025 turned out to be an amazing year for moth recording on a national level, possibly one of the best within the last 10 years.

We are fast approaching a total of **250,000** VC57 records on iRecord, and with legacy records and historical records from Butterfly Conservation (BC) and The Derbyshire and Nottinghamshire Entomological Society (Danes), the Derbyshiremoths website now holds in excess of **500,000** records, enabling us to achieve a better understanding of the distribution of our moths in Derbyshire.

As Joint County Moth Recorders, Steve Thorpe and I are delighted and very encouraged to see such a huge increase in moth data. It has taken time, but records are now being received from a wide range of areas within VC57 and we hope that this trend will continue. A total of **391** tetrads were covered during 2025, contributing macro moth records to the VC57 current total of **752** tetrads. This clearly shows the importance of recording, which is the foundation for protecting our wildlife, without this valuable data it makes conservation efforts all the more difficult.

Much work has been completed on The **Derbyshiremoths website**, which has detailed species accounts that include photographs, distribution maps and data charts. The layout of the site is now complete and accessible on Windows, Mac, Android and IOS devices and there is now a comprehensive user guide, which is available as an online or downloadable document.

I would encourage recorders to use of the site in combination when entering data to iRecord. The Verification Categories for Macro Moths have had a complete overhaul, and it is important to take note of this information, especially when a species requires supporting evidence to be attached to a record, such as a photograph or genitalia dissection information.

Interest in moth-ing and moth trapping has grown tremendously in the past ten years and anyone who has an interest in Moths is encouraged to contact the CMRs (Tony Davison and/ or Steve Thorpe via the Derbyshiremoths website), the Derbyshire Moth Recording Team or Derbyshire & Nottinghamshire Entomological Society (DaNES), for further information on how to get involved. Contact details can be obtained from www.Derbyshiremoths.org.

Steve Thorpe and I are grateful for the support of local entomological groups, particularly Derbyshire & Nottinghamshire Entomological Society (DaNES), and the wider naturalist community.

With continued participation from all of our county recorders, we can look forward to building an increasingly comprehensive understanding of Derbyshire's moths and their response to environmental changes.

Tony Davison.

Tony Davison. Editor.
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Joint County Moth Recorder and Verification Team Member.

Winners of the NBN Awards for Wildlife Recording 2025

Congratulations to the winners of the National Biodiversity Network Awards for Wildlife Recording 2025. These annual national awards recognise and celebrate the outstanding contributions adults and young people are making to wildlife recording and data sharing, which is helping to improve our understanding of the UK's biodiversity and assisting conservation efforts. A number of iRecord verifiers and recorders were among the recipients.

Emily Milnes and I travelled to Bristol in November to receive the National Biodiversity Network Trust Award for 2025, on behalf of the Derbyshire Moth Recording Team. We were extremely delighted to win the Group Award for Wildlife Recording.



The 2025 NBN Award winners

For the full list of winners and highly commended recipients see the **NBN news page**.

Review of Macro Moth species for the year 2025.

OVERVIEW

This review follows similar formats to the macro moth reports for years 2019-2023 and 2024. It covers a selection of **98** noteworthy species that have been recorded during 2025 four times or fewer (these are termed as rare, uncommon or scarce). The list includes the three new species to VC57, a few records or species that represented an unusual occurrence or circumstance and the **16** species of migrants that managed to find their way to Derbyshire during the year.

The first macro moth to be reported for 2025 was a **Mottled Umber** on 3rd January from Birch Vale (JH), with the last species of macro moth for the year being a **Herald** on 31st Dec Ashbourne (JHM).

There were three new species of macro moth for VC57 during the year, **Cloaked Pug**, **Small Marbled** and **Kent Black Arches**.

Other significant and noteworthy accounts were the first records of Four-spotted Footman since 1894, (following an influx of this species into the country during June), the second and third county records of Blossom Underwing, the first Bordered Sallow since 2018 and some 15 additional species of migrants.

Additional highlights were an incredible 48 Elephant Hawk-moth in a single moth trap during June, 9 records of Small Mottled Willow, a single Red Carpet and a single Double Dart**.** The 4th record of Treble Brown Spot and Brindled White-spot, a Pimpinel Pug, (the first adult recorded since 2001), the 2nd record of Dark Crimson Underwing and a Sprawler, (the first since 2021), to round off the year.

Garden moth trapping remains by far the most common method for obtaining moth records, but several recorders ventured farther afield to sample less accessible habitats.

This report uses the decimal checklist numbering system by Agassiz, Beavan & Heckford (2013), (ABH) known as the “2013 checklist”.

There are **591** species of macro moth (including 10 aggregated) that have been recorded in VC57 Derbyshire to the end of 2025 and the full checklist of Derbyshire moths can be viewed at **www.Derbyshiremoths.org.**

A full list of the contributors to this report during the year, with cross-referenced initials, appears at the end of the species listing. The photograph copyright is indicated on all images, and permission has been granted by each photographer to allow its use. All **21** photographers are acknowledged at the end of the report and all images were taken during the year of this report.

The following refers to the tables in the report:

TABLE A details the index of selected species covered in this report

TABLE B details the top 10 macro moths in 2025 by abundance

TABLE C details the consolidated list of 16 species of migrant macro moth recorded during 2025.

TABLE D details Macro moth statistics by monthly breakdown

TABLE E details the annual trapping session numbers for 2023-2025

TABLE F details the yearly trapping session breakdown for 2023-2025

TABLE A Index of the selected species covered in this report.

Check List No:	Vernacular Name	Note	Check List No:	Vernacular Name	Note
3.004	Gold Swift		70.165	Pimpinel Pug	first since 2001
52.012	Yellow-legged Clearwing		70.166	Plain Pug	
52.014	Six-belted Clearwing		70.172	Thyme Pug	
66.002	Pale Eggar		70.177	Satyr Pug	
69.005	Death's-head Hawk-moth	larva record	70.181	Valerian Pug	
69.010	**Humming-bird Hawk-moth**	Migrant	70.193	Lesser Treble-bar	
69.016	Humming-bird Hawk-moth		70.195	The Streak	
70.012	Treble Brown Spot	first since 2023	70.208	Scorched Carpet	
70.018	Plain Wave		70.233	August Thorn	
70.026	Smoky Wave		70.268	Pale Oak Beauty	5th VC57 record
70.038	**Vestal**	Migrant	70.272	Square Spot	2nd VC57 record
70.043	Chalk Carpet		70.273	Brindled White Spot	2nd VC57 record
70.048	Red Carpet	first since 2016	70.282	Early Moth	
70.060	Small Argent and Sable		70.287	The Annulet	first since 2021
70.064	Cloaked Carpet		70.292	Grey Scalloped Bar	
70.069	Dark Spinach		70.297	Grass Emerald	
70.083	Cypress Carpet	first since 2020	70.302	Small Emerald	
70.102	Striped Twin-spot Carpet		70.303	Little Emerald	
70.110	Small Autumnal Moth		71.007	Poplar Kitten	
70.115	Welsh Wave	first since 2023	72.011	**Gypsy Moth**	Migrant
70.118	Brown Scallop		72.012	Brown-tail	
70.139	Barred Carpet	first since 2014	72.037	Round-winged Muslin	
70.143	Sloe Pug	first since 2023	72.041	**Four-spotted Footman**	Migrant
70.145	Bilberry Pug		**72.073**	**SMALL MARBLED**	**1st for VC57**
70.146	Haworth's Pug		72.076	**Clifden Nonpareil**	Migrant
70.149	**CLOAKED PUG**	**1st for VC57**	72.081	**Dark Crimson Underwing**	2nd VC57 record
70.163	Larch Pug		73.003	**Ni Moth**	Migrant
70.164	Pauper (Fletcher's) Pug		73.010	**Dewick's Plusia**	Migrant

73.032	Nut-tree Tussock		73.234	Brindled Ochre	first since 2022
73.033	Figure of Eight		73.235	Feathered Ranunculus	
73.065	The Sprawler	first since 2021	73.237	Large Ranunculus	first since 2023
73.070	Bordered Sallow	first since 2018	73.238	Dark Brocade	
73.074	**Bordered Straw**	Migrant	73.243	Blossom Underwing	last record 2021
73.076	**Scarce Bordered Straw**	Migrant	73.252	Hedge Rustic	
73.087	**Small Mottled Willow**	Migrant	73.257	Beautiful Yellow Underwing	
73.100	Silky Wainscot		73.283	Marbled Coronet	
73.127	Large Ear		73.286	Tawny Shears	
73.128	Ear Moth		73.294	Southern Wainscot	first since 2023
73.137	Fen Wainscot		73.295	**Delicate**	Migrant
73.139	Twin-spotted Wainscot		73.307	**Pearly Underwing**	Migrant
73.164	**Reddish Light Arches**	Migrant	73.314	Garden Dart	
73.165	The Confused		73.316	Light Feathered Rustic	first since 2023
73.168	Double Lobed		73.331	Barred Chestnut	
73.183	Dusky Lemon Sallow		73.341	Northern Rustic	first since 2014
73.188	Flounced Chestnut		73.351	Double Dart	
73.195	Dark Chestnut		73.327	**Dark Sword-grass**	**Migrant**
73.200	Tawny Pinion		73.360	Triple-spotted Clay	
73.207	Golden-rod Brindle		**74.002**	**KENT BLACK ARCHES**	**1st for VC57**
73.215	Lesser-spotted Pinion	first since 2022	74.011	Cream-bordered Green Pea	
73.217	Lunar-spotted Pinion	first since 2005	73.360	Triple-spotted Clay	

Selected species accounts for period 2025

HEPIALIDAE

3.004 BF0016 **GOLD SWIFT** *Phymatopus hecta* (Linnaeus, 1758)
There were only four records of four individuals received, these were, 17th June, Padfield, Glossop (AL); 21st June, Belper (DE); 30th June, Cown Edge Farm (CH), 14th Aug Glapwell (JC).

SESIIDAE - *Sesiinae*

52.012 BF0374 **YELLOW-LEGGED CLEARWING** *Synanthedon vespiformis* (Linnaeus, 1761)
Three records - 2nd June Norton Lees (PJM); 4th July Glossop (CH and 9th July Park Head, Crich (JB). All attracted by the use of pheromone lures. This continues to be a rare species in VC57.

52.014 BF0382 **SIX-BELTED CLEARWING** *Bembecia ichneumoniformis* (Denis & Schiffermüller, 1775)
Four records of five individuals - 17th June Gang Mine, Cromford (CA); 20th June, two at Norton Lees (PJM); 8th July Calver Sough (RF) and Waterswallow's, Buxton (SAO). All attracted to api pheromone lure.

LASIOCAMPIDAE - *Malacosomatinae*

66.002 BF1632 **PALE EGGAR** *Trichiura crataegi* (Linnaeus, 1758)
Three records of three adults. One on 3rd Aug and 11th Aug, Findern (BH) and on 22nd Aug Littleover, Derby (AW). All records since 2020 are from the south of the county and in very small numbers.

SPHINGIDAE - *Sphinginae*

69.005 BF1973 **DEATH'S-HEAD HAWK-MOTH** *Acherontia atropos* (Linnaeus, 1758)
A single record of a caterpillar on 25th Aug in Derby (MBI).



Death's-head Hawk-moth caterpillar
25th Aug - ©Marc Blount

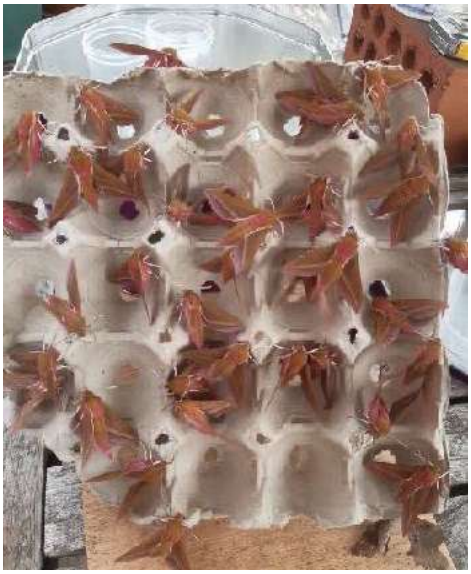


Pale Eggar - 22nd Aug - ©Adrian Watson

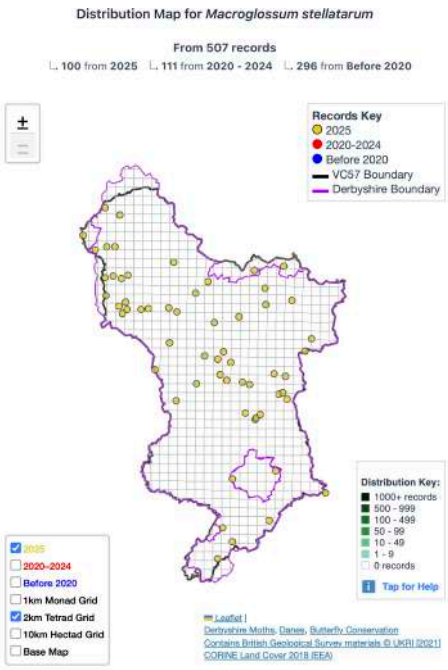
SPHINGIDAE - *Macroglossinae*

69.010 BF1984 **HUMMING-BIRD HAWK-MOTH** *Macroglossum stellatarum* (Linnaeus, 1758)
There were 100 records of 102 individuals, with the earliest record on 7th Mar at Swanwick (MG) and the latest record on 6th Nov from Riddings (AWe).

69.016 BF1991 **ELEPHANT HAWK-MOTH** *Deilephila elpenor* - (Linnaeus, 1758)
Almost certainly the best year on record for this species. We received 332 records of 1,637 individuals from across the recording area. The standout record was 48 individuals on 16th June from a garden moth trap at Chaddesden (MR), most likely a county record from a single moth trap. The first adult record was 1st May Belper (DE) and last adult record 25th Aug Chaddesden (MR).



The incredible gathering of **Elephant Hawk-moths**
Chaddesden 16th June - ©Martin Roome



Hummingbird Hawk-moth - 2025 records

GEOMETRIDAE *- Sterrhinae*

70.012 BF1711 **TREBLE BROWN SPOT** *Idaea trigeminata* (Haworth, 1809)
Just one record on 5th July Darwin Forest (DE). This represents the fourth record from the same site at Darwin Forest, following three reports in 2023.



Treble Brown Spot - 5th July - ©Dave Evans



Plain Wave 5th July - ©Jane Hewitt

70.018 BF1715 **PLAIN WAVE** *Idaea straminata* (Borkhausen, 1794)
Two records 5th July Birch Vale (JH) and 22nd July Torside Clough, Longdendale (CH). All records between 2020 - 2025 are from locations in the north of VC57.

70.026 BF1694 **SMOKY WAVE** *Scopula ternata* (Schrank, 1802)
Only one record on 18th May, Lightwood Reserve, Buxton (STa). A species that was once reported as common on the upland areas of north Derbyshire. We have only received records of 14 individuals since 2020.

70.038 BF1716 **VESTAL** *Rhodometra sacraria* (Linnaeus,1767)
There were three records 5th Sept, Mickleover CM), 5th Sept, Staunton Harold Reservoir (MMc) and 19th Sept, Findern (BH). With only seven records since 2020, this species remains a rare migrant to VC57 Derbyshire



Vestal - 19th Sept - ©Brian Hallam



Vestal - 5th Sept - ©Margaret McLoughlin

GEOMETRIDAE *- Larentiinae*

70.043 BF1731 **CHALK CARPET** *Scotopteryx bipunctaria* (Prout, 1937)
Two records of two individuals, 21st June and 12th July from the same garden in Buxton (SAO)

70.048 BF1723 **RED CARPET** *Xanthorhoe decoloraria* (Esper, 1806)
Only one record during the year, 19th July Cown Edge Farm, Glossop (CH). This was the first record since 2016 of this species that is confined to the highest gritstone moorlands of VC57 Derbyshire.

70.060 BF1737 **SMALL ARGENT AND SABLE** *Epirrhoe tristata* (Linnaeus, 1758)
Just one record during the year via iNaturalist, 2nd June Derbyshire (IM). A resident species that is only just holding on in VC57 Derbyshire. Found on the upland moors at very few locations. One in 2024 was only the second record since 2019.

70.064 BF1793 **CLOAKED CARPET** *Euphyia biangulata* (Haworth, 1809)
Four records Froggatt 10th July (BB), 17th July Shirland (NM), 19th July Belper (DN) and 31st July Bamford (RFo). Since the first record from Froggatt in 2002, this species is regularly being recorded throughout the Derwent Valley, from Wirksworth to Bamford in small numbers each year.

70.069 BF1749 **DARK SPINACH** *Pelurga comitata* (Linnaeus, 1758)
Just one record from iNaturalist, 1st Aug, Long Eaton (cwigs97), the first reported since 2023 and only these two records since 2020.

70.083 BF1771a **CYPRESS CARPET** *Thera cupressata* (Geyer, 1831)
A moth attracted to MV light on 3rd May at Kings Newton (WS) was only the third record. Previous records were 26th June 2020, Long Eaton (PB) and 1st July 2020 from Hilton (the late PH).

70.102 BF1753 **STRIPED TWIN-SPOT CARPET** *Coenotephria salicata* (Curtis, 1830)
Three records 20th May Wildboar Clough, Longdendale (CH), 22nd July Torside Clough, Longdendale (CH) and 2nd Aug Lowcroft, Hogshaw NR, Buxton (MC).



Cypress Carpet - 3rd May - ©Will Soar



Striped Twin-spot Carpet - 20th May ©Christian Heintzen



Red Carpet - 19th July - ©Christian Heintzen



Welsh Wave - 13th July - ©Clive Ashton

70.110 BF1798 **SMALL AUTUMNAL MOTH** *Epirrita filigrammaria* (Herrich-Schäffer, 1846)
One record of four adults 29th Sept Gnat Hole, Glossop (CH). An Epirrita moth on the wing on the upland moors in late Aug-Sept is almost certainly this species as it flies a month earlier than its congeners.

70.115 BF1873 **WELSH WAVE** *Venusia cambrica* (Curtis, 1839)
Three records of 8 individuals, all from Cromford were the first since 2023.. Singles on 11th July and 29th July Cromford garden (CA) and six individuals on 13th July Cromford Moor (CA). Between 2020 - 2025 we have only received five records of 14 individuals.

70.118 BF1791 **BROWN SCALLOP** *Philereme vetulata* (Denis & Schiffermüller, 1775)
Just one record on 21st June, Aston-on-Trent (RW). First recorded in VC57 in 1986, there have been fewer than a dozen records since.

70.139 BF1801 **BARRED CARPET** *Martania taeniata* (Stephens, 1831)
Two records, 2nd July Via Gellia (CA) and 18th July Cromford (CA). The first records since 2014 of this scarce species that is confined to the limestone areas of central Derbyshire.

70.143 BF1859 **SLOE PUG** *Pasiphila chloerata* (Mabille, 1870)
One record 20th June from Findern (BH), was the first record since 2023.

70.145 BF1861 **BILBERRY PUG** *Pasiphila debiliata* (Hübner, 1817)
There were four records, of this high moorland species, all from one recorder: 20th June and 11th July Herod Clough (CH); 24th June Gnat Hole, Glossop (CH), and 27th June Long Clough (CH).

70.146 BF1813 **HAWORTH'S PUG** *Eupithecia haworthiata* (Doubleday, 1856)
Only one record 30th June Cromford (CA). During the 1970's - 1990's the moth was only known from one site in south Derbyshire.

70.149 BF1815 CLOAKED PUG *Eupithecia abietaria* (Goeze, 1781)
A new species for VC57 Derbyshire. One was attracted to MV light on 11th July in a Findern garden (BH). This individual was likely a migrant, especially as it arrived at a time of high immigrant activity across the country.



Cloaked Pug 11th July - 1st VC record
©Brian Hallam



Larch Pug - 3rd July - ©Dave Evans

70.163 BF1856 **LARCH PUG** *Eupithecia lariciata* (Freyer, 1842)
Only two reports, one 3rd July from Darwin Forest (DE) and one from Torside, Longdendale on 13th July (CH). There have been just three records of this moth since 2020, which as the name suggests is found in and around plantations of larch.

70.164 BF1824 **PAUPER (Fletcher's) PUG** - *Eupithecia egenaria* (Herrich-Schäffer, 1848)
Just one record on 29th May from Cromford (CA). Singles have been recorded from Cromford for the past three years. Prior to that the last record was from Darley Dale in 2012. A species that appears to have a localised distribution in VC57.

70.165 BF1845 **PIMPINEL PUG** - *Eupithecia pimpinellata* (Hübner, 1813)
One attracted to MV light in a Cromford garden on 11th July was the first adult to be recorded since 2001.



Pauper (Fletcher's) Pug - 29th May
©Clive Ashton



Pimpinel Pug - 11th July - ©Clive Ashton

70.166 BF1842 **PLAIN PUG** *Eupithecia simpliciata* (Haworth, 1809)
One record 30th June from Langley Mill (LB).

70.172 BF1843 **THYME PUG** *Eupithecia distinctaria* (Herrich-Schäffer, 1848)
Three records of four individuals, one on 8th, one on 21st and two on 24th June, all from the same garden in Cromford (CA). There have only been seven records since 2020.



Thyme Pug - 8th June - ©Clive Ashton



Satyr Pug - 24th June - ©Clive Ashton

70.177 BF1828 **SATYR PUG** *Eupithecia satyrata* (Hübner, 1813)
Two records one on 19th June, Buxton (SAO) and one on 24th June, Cromford (CA). With only four records since 2011, and three of these from the same garden in Cromford, this species is undoubtedly rare and appears to be present in isolated locations in the county.

70.181 BF1821 **VALERIAN PUG** *Eupithecia valerianata* (Hübner, 1813)
Just one record of an adult 25th June which was attracted to a garden light trap in Cromford (CA). There are three other reports since 2020, all of which were recorded from a garden in Buxton (SAO). These four accounts are the only records since 2013.



Valerian Pug - 25th June - ©Clive Ashton



The Streak - 31st October 2025 - ©Clive Ashton

70.193 BF1868 **LESSER TREBLE-BAR** *Aplocera efformata* (Guenée, 1857)
One record on 11th May, from Cromford (CA) identified by the blunt end to the abdominal tip. This is really the only reliable method to identify this species from Treble-bar. This can easily be done if the moth is contained in a see-through pot. A photograph of the abdomen tip should accompany the record for verification purposes.

70.195 BF1864 **THE STREAK** *Chesias legatella* (Denis & Schiffermüller)
Just a single record on 31st Oct that was attracted to MV light at Cromford (CA). There have only been three records since 2020. It appears to be a rather rare moth in Derbyshire.

GEOMETRIDAE - *Ennominae*

70.208 BF1888 **SCORCHED CARPET** *Ligdia adustata* (Denis & Schiffermüller, 1775)
Four records, three of which were recorded from the same garden in Cromford on 13th and 25th June and 23rd July (CA). A single adult on 11th April, Stone barn Farm, Clowne (SM). Since 2020 there have been 11 records of 13 adults, remaining a scarce and localised species in Derbyshire.

70.233 BF1912 **AUGUST THORN** *Ennomos quercinaria* (Hufnagel, 1767)
Only three records of three adults, 1st July Chaddesden (NL), 4th July Inkersall (IW) and 13th July Sandiacre (ELM). Historical records show a similar trend in the number of recent accounts, so this species has never been common in Derbyshire. The moth is best identified by the white “Knee-socks” on the legs which help to separate from September Thorn, which has yellow “Knee-socks”.

70.268 BF1944 **PALE OAK BEAUTY** *Hypomecis punctinalis* (Scopoli, 1763)
A single individual, the fifth record for VC57, was attracted to MV light on 30th June at the Darwin Forest, Matlock (DE). This was the fourth record since 1992, with two adults recorded in 2024, from Markham Vale (SM) and Kirk Hallam (BHo). The Pale Oak Beauty remains a very rare moth in VC57 Derbyshire.

70.272 BF1949 **SQUARE SPOT** *Paradarisa consonaria* (Hübner, 1799)
The second record for VC57 was of an individual attracted to MV light on 1st May at Cromford Moor (CA). The first record for VC57 was from Hartington on 26th May 2016 (SMo).



August Thorn - 1st July 2025 - ©Neil Loverock



Pale Oak Beauty - 30th June 2025 - ©Dave Evans



Square Spot - 1st May 2025 - ©Clive Ashton



Brindled White Spot - 3rd July 2025
©Dave Evans

70.273 BF1950 **BRINDLED WHITE SPOT** *Parectropis similaria* (Hufnagel, 1767)
Two records of two separate individuals on the 3rd and 4th July Darwin Forest (DE), represent the 2nd and 3rd records for VC57 Derbyshire.

70.282 BF1960 **EARLY MOTH** *Theria primaria* (Haworth, 1809)
Just two records of two individuals 14th Feb Long Eaton (AB) and 20th Feb, Belper (DE). There have been only 10 records of 10 individuals since 2020.

70.287 BF1964 **THE ANNULET** *Charissa obscurata* (Denis & Schiffermüller, 1775)
One record on 8th Aug, Matlock (DM) was the first since 2021, with only two records since 2020.

70.292 BF1969 **GREY SCALLOPED BAR** *Dyscia fagaria* (Thunberg, 1784)
Three records, 9th May Long Clough (CH), 16th May Wardlow (NF) and 21st May Glossop (CH). Only eight records of eight individuals since 2020. A species of the high moorlands which is most likely why there are so few records of this attractive moth.



Early Moth -20th February 2025 - ©Dave Evans



Grass Emerald - 19th June 2025 - ©Pat FW

GEOMETRIDAE - *Geometrinae*

70.297 BF1665 **GRASS EMERALD** *Pseudoterpna pruinata* (Hufnagel, 1767)
Just one record on 19th June from Chapel-en-le-Frith (PFW). A very rare species in VC57 with just two records since 1992.

70.302 BF1673 **SMALL EMERALD** *Hemistola chrysoprasaria* (Esper, 1794)
One record via iNaturalist 6th July Long Eaton (Sophie) which had photographic evidence supporting the record. Only three records since 2020.

70.303 BF1674 **LITTLE EMERALD** *Jodis lactearia* (Linnaeus, 1758)
One record on 1st July Melbourne (TD). The species population seems to have plummeted with just four records since 2020 and all from the south of the county.

NOTODONTIDAE - *Cerurinae*

71.007 BF1998 **POPLAR KITTEN** *Furcula bifida* (Brahm, 1787)
Only four records 29th April Stonebroom (JB), 29th April Staveley (SM), 15th June Belper (DN). and 21st Aug Wingerworth (JW). This species is easily mistaken for Sallow Kitten. Poplar Kitten is not normally on the wing in August, but Sallow Kitten is, as it has a second brood.

EREBIDAE - *Lymantriinae*

72.011 BF2034 **GYPSY MOTH** *Lymantria dispar* (Linnaeus, 1758)
One record on 1st Aug, Littleover (AW) was the third record of an adult. There have been four records of Gypsy Moth in VC57, the first was in May 1974 of a larvae, followed by additional adults in 2019 and 2024.

72.012 BF2029 **BROWN-TAIL** *Euproctis chrysorrhoea* (Linnaeus, 1758)
One on 27th June and two on 1st July from Long Eaton (AB). One on 4th July Findern (BH). Only six other records since 2020, so this moth remains a rare species in Derbyshire and most likely an immigrant.

EREBIDAE - *Arctiinae*

72.037 BF2025 **ROUND-WINGED MUSLIN** *Thumatha senex* (Hübner, 1808)
Four records, all singles with the first on 19th June, Chaddesden (NL), then one 27th June, Breaston (ST), one 29th June Glossop (CH and one 11th July Chaddesden (MR).

72.041 BF2051 **FOUR-SPOTTED FOOTMAN** *Lithosia quadra* (Linnaeus, 1758)
An influx of this moth occurred in Britain during June 2025 with the first records of this species in Derbyshire since 1894. Six records, all males, of this very smart moth were as follows; 12th Jun Belper (DN), 13th June (a different individual) Belper (DN), 13th June Findern (BH), 14 & 16th June Midway (MW) and 19th June Allestree (MW).



Four-spotted Footman 12th June - Belper
©Dave Newcombe



Four-spotted Footman - 13th June - Findern
©Tony Davison

EREBIDAE - *Boletobeiinae*

72.073 BF2408 SMALL MARBLED *Eublemma parva* (Hübner, 1808)
A new species for the VC57 Derbyshire. The first was recorded on 29th June Matlock (DM) when one was attracted to a garden light trap. Incredibly a further two arrived on 30th June at Allestree (SP) and Sandiacre (PB) with a fourth record on 1st July from Allestree (MWa).



Small Marbled - 29th June 2025 - ©Dan Martin



Small Marbled - 30th June 2025 - ©Stephen Plant

EREBIDAE - *Erebinae*

72.076 BF2451 **CLIFDEN NONPAREIL** *Catocala fraxini* (Linnaeus, 1758)

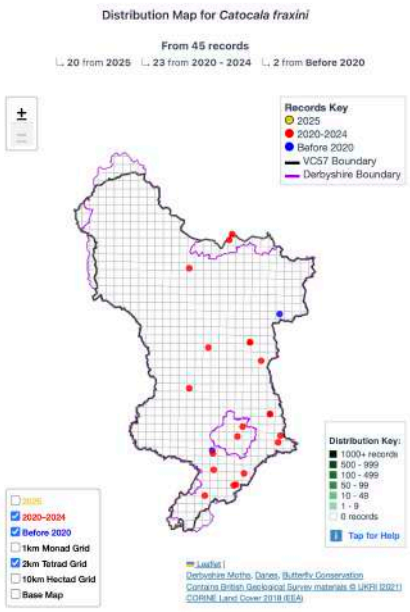
There were 20 records of 22 individuals of this large and attractive moth, which may now have established local populations in the VC57 recording area. Further monitoring in 2026 will help to confirm this. The first record was on 15th Aug Belper (DN), then 22nd Aug Ilkeston (BHo), 23rd Aug Buxton (SB), an exceptional record was of 3 attracted to MV light 23rd Aug at Sandiacre (PB), 24th Aug Sandiacre (ELM), 25th Aug Allestree (SP), 29th Aug Buxton (Antdunn), 30th Aug Mellor (DK), 2nd Sept Elvaston Castle (RWh), 4th Sept Midway (MW), 5th Sept Froggatt (BB), 9th Sept Mellor (DK), 12th Sept North Wingfield (SH), 18th Sept Findern (BH), 18th Sept Cromford (CA), 18th Sept Darley Abbey (CW), 19th Sept Matlock (SMo), 24th Sept R.Derwent, Raynesway, Derby (JG), 30th Sept Midway (MW), and the final record was on 14th Oct Belper (DN).



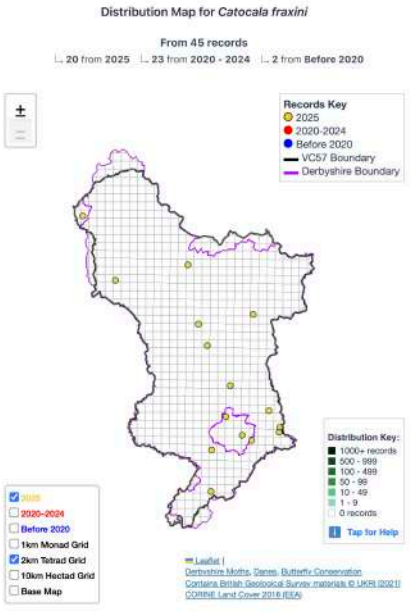
Clifden Nonpareil 9th Sept - ©David Knass



Clifden Nonpareil - 12th Sept - ©Shane Harper



Clifden Nonpareil - All records excluding 2025



Clifden Nonpareil - 2025 records

72.081 BF2455 **DARK CRIMSON UNDERWING** *Catocala sponsa* (Linnaeus, 1767)
Another remarkable record of this species in Derbyshire. One attracted to MV light on 13th July at Chaddesden (MR), the second VC57 record following on from the first at Shirland on 11th Aug 2023 (NM). In Britain, this moth only occurs as a breeding species in the New Forest and otherwise is only occasionally recorded as a rare migrant.



Dark Crimson Underwing - 13th July 2025
©Martin Roome



Ni Moth 16th August 2025 - ©Stephen Plant

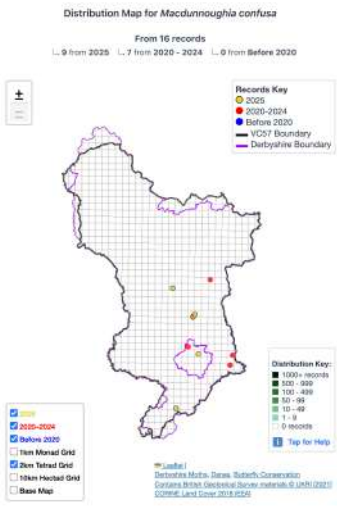
NOCTUIDAE - *Plusiinae*

73.003 BF2432 **NI MOTH** *Trichoplusia ni* (Hübner, 1803)
The first records since 2006 were: 16th Aug Allestree (SP) and 20th Aug Cromford (CA). A rare migrant to Britain from southern Europe and north Africa. The two individuals arrived during a time of high migrant activity representing the third and fourth records for VC57 Derbyshire.

73.010 BF2436 **DEWICK'S PLUSIA** *Macdunnoughia confusa* (Stephens, 1850)
Nine records of this scarce immigrant and possible resident to the recording area. The first was recorded on 25th July Cromford (CA), then 26th July Belper (DE), 3rd Aug Cromford (CA), 11th Aug Belper (DE), 17th Aug Cromford (CA), 18th Aug Chaddesden (NL), 24th Aug Midway (MW), 5th Sept Belper (DN) 6th Sept Cromford CA). Since the first record in 2022, there have been a further six records to the end of 2024.



Dewick's Plusia - ©Neil Loverock



Dewick's Plusia - All records

NOCTUIDAE - *Pantheinae*

73.032 BF2425 **NUT-TREE TUSSOCK** *Colocasia corylii* (Linnaeus, 1758)
Four records with the first on 3rd April from Darwin Forest, Matlock (DE), then one on 19th and 20th May Chatsworth Park (RNe) and one on 4th June Sheffield (JT).The moth is an indicator species of ancient woodland, where it appears to be confined in the northern central area of Derbyshire. Apart from two isolated records in the south-east of the county, the majority of records are from this area.

NOCTUIDAE - *Dilobinae*

73.033 BF2020 **FIGURE OF EIGHT** *Diloba caeruleocephala* (Linnaeus, 1758)
One record 20th Oct Long Eaton (AB) the first one since 2023, with only four records since 2020.



Sprawler - 5th Nov 2025 - ©Martin Roome



Nut-tree Tussock 3rd April - ©Dave Evans

NOCTUIDAE - *Psaphidinae*

73.065 BF2227 **THE SPRAWLER** *Asteroscopus sphinx* (Hufnagel, 1766)
A single record on 5th Nov from Smith's Gorse (MR) was the first since 2021.

NOCTUIDAE - *Heliothinae*

73.070 BF2399 **BORDERED SALLOW** *Pyrrhia umbra* (Hufnagel, 1766)
One record on 17th June from Sandiacre (ELM) was the first since 2018 when one was trapped at Pleasley Pit NR.



Bordered Sallow - 17th June - ©Emily Milnes



Bordered Straw - 11th August - ©Dave Evans

73.074 BF2403 **BORDERED STRAW** *Heliothis peltigera* (Denis & Schiffermüller, 1775)
There were 20 records of this scarce migrant, with the first on 5th and 8th June at Beckside Farm (likely a re-trap) (MB), then 18th June Belper (DN), 20th June Belper (DE), 21st June Buxton (RW), 25th June Darley Bridge (SMo), 26th June Allestree (MWa), 28th June Ilkeston (BHo), 29th June Markham Vale (SM), 11th Aug Belper (DE), 13th Aug Staveley (SM), 14th Aug Belper (DE), 15th Aug Ilkeston (BHo), 16th Aug Allestree (SP), 18th Aug Belper (DN), 24th Aug Midway (MW), 25th Aug Birch Vale (JH), 29th Aug Findern (BH), 30th Aug Bamford (RFo) 9th Sept Sheffield (JT).

73.076 BF2400 **SCARCE BORDERED STRAW** *Helicoverpa armigera* (Hübner, 1808)
There were 11 records received of this scarce immigrant. The first record was on 14th Aug Sheffield (JT), 15th Aug Wingerworth (JW), 16th Aug Sheffield (JT), 17th Aug Belper (DN), 22nd Aug Wingerworth (JW), 24th Aug Glossop (CH), 5th Sept Mickleover (CM), 17th Sept Chaddesden (MR), 18th Sept Cromford (CA), 19th Sept Chellaston (RP) and 2nd Oct Mickleover (CM).



Scarce Bordered Straw - 14th Aug - ©Jan Turner



Scarce Bordered Straw - 18th Sept - ©Clive Ashton

NOCTUIDAE - *Xyleninae*

73.087 BF2385 **SMALL MOTTLED WILLOW** *Spodoptera exigua* (Hübner, 1808)
A scarce migrant to our recording area. There were nine records with the first one on 28th June Gnat Hole, Glossop (CH), then 9th July Mickleover (CM), 25th July Glossop (CH), 27th July Kings Newton (WS), 16th Aug Froggatt (BB), 18th Aug Parwich (drtimk), 25th Aug Glossop (CH), 27th Aug Allestree (SP), and 29th Aug Shirland (NM).



Small Mottled Willow 27th July - ©Tony Davison



Silky Wainscot - ©Mick Watson

73.100 BF2391 **SILKY WAINSCOT** *Chilodes maritima* (Tauscher, 1806)
Just three records, 1st July Allestree (MW), 5th July Breaston (ST) and 12th July Belper. A species that is thinly and locally distributed across Derbyshire.

73.127 BF2357 **LARGE EAR** *Amphipoea lucens* (Freyer, 1845)
Two records that were both were confirmed by dissection. One on 25th July Buxton (SAO, MD) and one on 24th Aug Nether North Grain (NS). The recorder on 24th Aug made comment that one male was dissected, but many more moths were seen, presumably this species.

73.128 BF2360 **EAR MOTH** *Amphipoea oculea* (Linnaeus, 1761)
One record which was confirmed by dissection. A single on 6th Aug from Haddon Hall (SAO, SH).

73.137 BF2377 **FEN WAINSCOT** *Arenostola phragmitidis* (Hübner, 1803)
Just two records, both of which were from Markham Vale, South Tip. One on 14th July (SM) and one on 17th July (MRa). Since the first record in 1991, there have been 14 further records which includes these two in 2025, with 50% of these being recorded from the site at Markham Vale.

73.139 BF2370 **TWIN-SPOTTED WAINSCOT** *Lenisa geminipucta* (Haworth, 1809)
Four scattered records were received as follows, singles on 17th July Findern (BH), 17th July Belper (DN), 19th July Ilkeston (BHo) and 24th July Markham Vale (SM).

73.164 BF2323 **REDDISH LIGHT ARCHES** *Apamea sublustris* (Esper, 1788)
Three records, all considered to be wanderers or immigrants. One on 20th June Walton (AP), one 23rd June Cromford (CA) and one 30th June Derby City (AJS). Since 1910 there have been just six records with one in 2010, two in 2023 and these three in 2025.

73.165 BF2329 **THE CONFUSED** *Apamea furva* (Denis & Schiffermüller, 1775)
Three records of 11 individuals from the high moorlands and all from the same recorder. One 9th July Coombs Rocks, Charlesworth, two 17th July Dowstone Clough and eight 24th July Kinder Scout (CH)

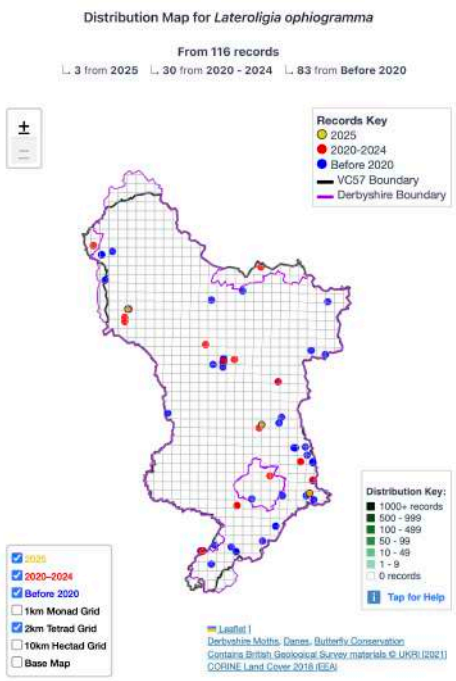
73.168 BF2336 **DOUBLE LOBED** *Lateroligia ophiogramma* (Esper, 1793)
Just three widespread garden trap records, 5th July Breaston (ST), 11th July Belper (DE) and 18th July Buxton (SAO). This small and slender moth, which is uniquely marked and quite distinctive, is a resident that is uncommon and locally distributed across VC57 Derbyshire.



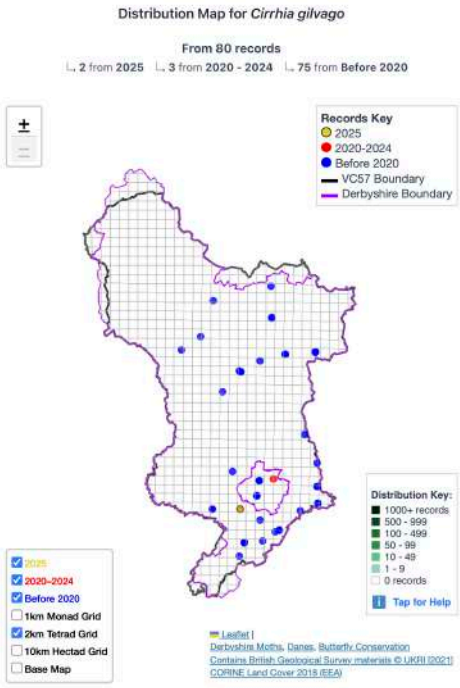
Reddish Light Arches - 23rd June - ©Clive Ashton



Double Lobed - 11th July 2025 - ©Dave Evans



Double Lobed - All records



Dusky Lemon Sallow - All records



Dusky Lemon Sallow 5th Oct 2025
©Brian Hallam



Dusky Lemon Sallow 19th Sept 2025
©Brian Hallam

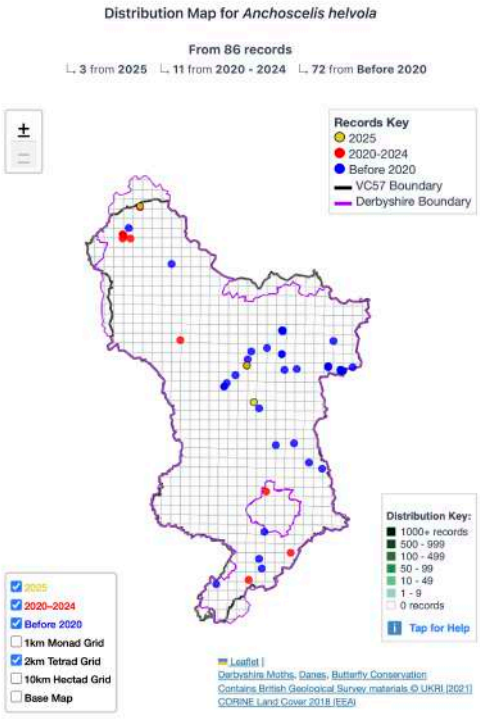
73.183 BF2275 **DUSKY LEMON SALLOW** *Cirrhia gilvago* (Denis & Schiffermüller], 1775)
Just two records from what seems to be the only remaining site in VC57 Derbyshire for this species. One on 19th Sept Findern (BH) and one on 5th Oct Findern (BH). Both individuals were attracted to a garden MV light trap.



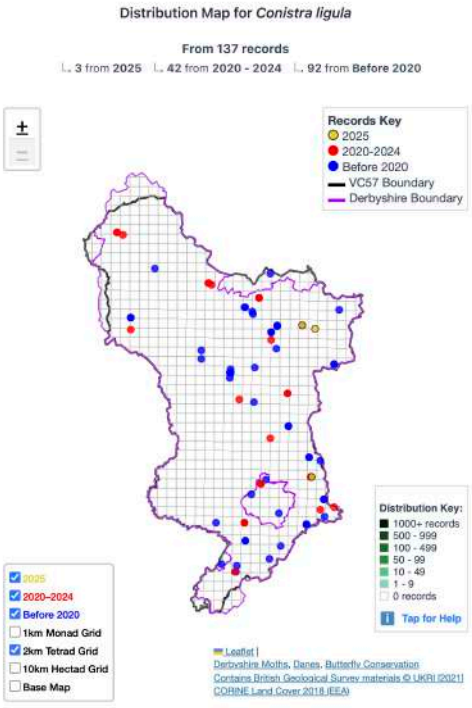
Flounced Chestnut - 3rd Oct - ©Dave Evans



Dark Chestnut - 6th Dec - ©Brian Hobby



Flounced Chestnut - All records



Dark Chestnut - all records

73.188 BF2265 **FLOUNCED CHESTNUT** *Anchoscelis helvola* (Linnaeus, 1758)
Three records, the first 2nd Sept Longdendale, Wildboar Clough (CH), 3rd Oct Darwin Forest (DE) and 18th Oct High Leas Farm, Riber (ST).

73.195 BF2259 **DARK CHESTNUT** *Conistra ligula* (Esper, 1791)
Just three records of what should be a common and widespread species across VC57. The first was a spring record, 20th Mar Markham Vale (SM). The other two records were from later in the year, 11th Oct, Inkersall (DC) and 6th Dec Ilkeston (BHo).

73.200 BF2235 **TAWNY PINION** *Lithophane semibrunnea* (Haworth, 1809)
Three records with the first in the spring on 31st Mar Darwin Forest (DE), 18th Apr Inkersall (DC) and 14th Sept Chaddesden (MR). There have only been 8 records since 2020.



Golden-rod Brindle - 11th Aug
©Christian Heintzen



Lesser-spotted Pinion - 18th July
©Dave Evans

73.207 BF2233 **GOLDEN-ROD BRINDLE** *Xylena solidagnis* (Hübner, 1803)
Two records 11th Aug Glossop, Bray Clough (CH) and 24th Aug Glossop, Moorfield (CH). A species that is restricted to the high upland gritstone moors of North Derbyshire. A real high moorland specialist with a distinctive “crashed aircraft” posture at rest.

73.215 BF2316 **LESSER-SPOTTED PINION** *Cosmia affinis* (Linnaeus, 1767)
Just two records 11th July Cromford (CA) and 18th July Belper (DE). These were the first records of this scarce species in Derbyshire since 2022, when three individuals were recorded on three separate dates, and all from one site in Cromford.

73.217 BF2319 **LUNAR-SPOTTED PINION** *Cosmia pyralina* (Denis & Schiffermüller, 1775)
One record on 13th July Chaddesden (NL), was the first since 2020 and that record was the first since 2005. So, only two records in 20 years would indicate that Lunar-spotted Pinion is a very rare and significant species in VC57 Derbyshire.

73.234 BF2229 **BRINDLED OCHRE** *Dasypolia templi* (Thunberg, 1792)
Two records, 29th Sept Gnat Hole, Glossop (CH) and 7th Oct Hathersage (AK). These two accounts were the first since 2022. A species that is now rare and thinly distributed across the north west section of the vice county.



Lunar-spotted Pinion - 13th July - ©Neil Loverock



Brindled Ochre - 29th Sept - ©Christian Heintzen



Feathered Ranunculus - 4th Oct 2025
©Dave Evans



Large Ranunculus - 9th Oct 2025
©Dave Evans

73.235 BF2255 **FEATHERED RANUNCULUS** *Polymixis lichenea* (Hübner, 1813)
Only one record on 4th Oct from the Darwin Forest (DE). All recent records have come from the Derwent Valley in central Derbyshire, from Belper north to Froggatt.

73.237 BF2252 **LARGE RANUNCULUS** *Polymixis flavicincta* (Denis & Schiffermüller, 1775)
One record of this rare vagrant to the vice county, was trapped on 9th Oct at Darwin Forest (DE). There have only been three previous records, one, a record of a larva, in 2021, Middleton (HR) and two adults in 2023, Belper (DE).

73.238 BF2250 **DARK BROCADE** *Mniotype adusta* (Esper, 1790)
Three records 30th April Glossop, Moorfield (CH), 15th Jun Long Clough (CH) and 12th July Glossop (CH). A species that is restricted to the high upland areas of the vice county, being recorded in small numbers most years.

NOCTUIDAE - *Hadeninae*

73.243 BF2183 **BLOSSOM UNDERWING** *Orthosia miniosa* (Denis & Schiffermüller, 1775)
Two records of 2 different individuals from the same recorder from his garden in Cromford, 3rd April and 26th April (CA). Following the first record for the vice county in 2021, these are the 2nd and 3rd records of this species for VC57 Derbyshire.



Dark Brocade - 2nd May - ©Christian Heintzen



Blossom Underwing - 3rd April - ©Clive Ashton

73.252 BF2177 **HEDGE RUSTIC** *Tholera cespitis* (Denis & Schiffermüller, 1775)
Four records with two from Hathersage on 22nd and 25th Aug (AK) and two from Bamford, Hope Valley on 25th and 30th Aug (RFo). There has been a national decline in this species population and in recent years the moth is now only found in small numbers in VC57 Derbyshire. There have been just two other records since 2020.

73.257 BF2142 **BEAUTIFUL YELLOW UNDERWING** *Anarta myrtilli* (Linnaeus, 1761)
Three records all from the north of the vice county, 12th Jun Dale (JHM), 13th Aug Glossop (CH) and 24th Aug Nether North Grain, Snake Road (NS).

73.283 BF2171 **MARBLED CORONET** *Hadena confusa* (Hufnagel, 1766)
Only two records 1st Jun Cromford (CA) and 22nd June Chesterfield (PTo)



Marbled Coronet - 1st June - ©Clive Ashton



Tawny Shears - 25th June - ©Sid Morris

73.286 BF2167 **TAWNY SHEARS** *Hadena perplexa* (Denis & Schiffermüller, 1775)
Only two records since 2013 and both by same observer from his garden in Staveley. One on 14th May 2024 and one on 25th June 2025 (SM).

73.294 BF2197 **SOUTHERN WAINSCOT** *Mythimna straminea* (Treitschke, 1825)
Three records with the first on 28th Jun Belper (DE), then 5th July Breaston (ST) and 11th July Staveley (SM). These were the first records since 2023.

73.295 BF2195 **DELICATE** *Mythimna vitellina* (Hufnagel, 1766)
Two records of this rare immigrant to the vice county. One on 24th June Birch Vale (JH) and one on 30th Sept Midway (MW).



Delicate - 24th June - ©Jane Hewitt



Southern Wainscot - ©Steve Thorpe

NOCTUIDAE - *Noctuinae*

73.307 BF2119 **PEARLY UNDERWING** *Peridroma saucia* (Hübner, 1808)
One on 6th Aug Belper (DE), one on 16th Aug Waingroves Community Woodland Moth Event (ELM) and one 7th Oct Hathersage (AK). These were the first records of this migrant in the vice county since 2023.

73.314 BF2082 **GARDEN DART** *Euxoa nigricans* (Linnaeus, 1761)
Three records all from the same recorder's garden in Cromford. One on 23rd and 25th July and one on 6th Aug (CA). These were the first records of this species in the vice county since 2021.

73.316 BF2084 **LIGHT FEATHERED RUSTIC** *Agrotis cinerea* (Denis & Schiffermüller, 1775)
Two records from the same location are likely to refer to the same individual being re-trapped. One on 15th and one on 16th May, Wardlow (NF). The first record since 2023.

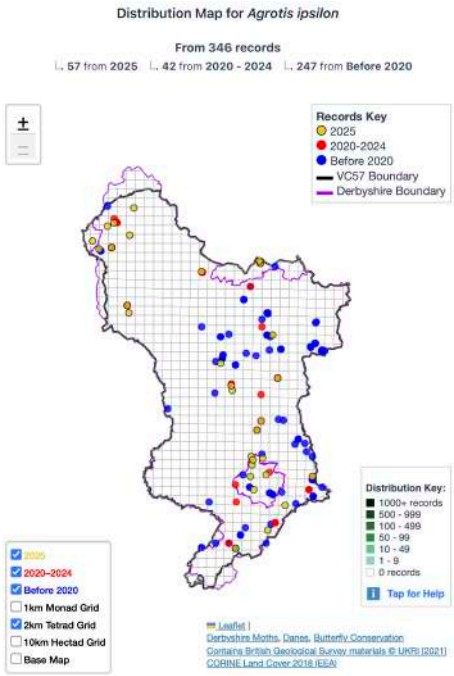


Garden Dart - ©Clive Ashton



Pearly Underwing 6th August - ©Dave Evans

73.327 BF2091 **DARK SWORD-GRASS** *Agrotis ipsilon* (Hufnagel, 1766)
There were 57 records of 68 individuals with the first record on the early date of 20th March Cromford (CA) and the last record on 5th Oct Buxton (SAO). A regular and fairly common migrant or possible resident in VC57.



Dark Sword-grass - All records



Dark Sword-grass - 11th August
©Christian Heintzen

73.331 BF2121 **BARRED CHESTNUT** *Diarsia dahlii* (Hübner, 1813)
Four records, one on 25th July Glossop (CH), one on 21st Aug Cromford Moor (CA), one on 26th Aug Shittern Clough Woodland, Glossop (CH) and one on 6th Sept Chunal Plantation, Glossop (CH).

73.341 BF2104 **NORTHERN RUSTIC** *Standfussiana lucernea* (Linnaeus, 1758)
Two records both from the upland moors of north west Derbyshire. One on 9th July Charlesworth, Coombs Rocks (CH) and one 17th July Glossop (CH). These were the first reports of the species from the vice county since 2014.

73.351 BF2114 **DOUBLE DART** *Graphiphora augur* (Fabricius, 1775)
Just one record on 23rd June from a garden moth trap in Cromford (CA). The first record since 2021 of what was a once common species in Derbyshire during the 1970's and 80's. There has been a drastic decline in the national population and in 2006 it was listed as endangered.

73.360 BF2127 **TRIPLE-SPOTTED CLAY** *Xestia ditrapezium* (Denis & Schiffermüller, 1775)
Three records, one on 25th June Darley Bridge (SMo), one on 30th June Hathersage (AK) and one on 17th Jul Matlock (easthorpe). A species where care needs to be taken with the identification as this species can easily be confused with Double Square-spot and Setaceous Hebrew Character.

NOCTUIDAE *- Nolinae*

74.002 BF2076 KENT BLACK ARCHES *Meganola albula* (Denis & Schiffermüller, 1775)

A new species for VC57 Derbyshire when one was attracted to MV light on 28th Jun at Drakelow Reserve (MW). This species has been recorded from nearby Leicestershire, so appears to be expanding its range into VC57.



Kent Black Arches - 28th June 2025
©Michael Williams



Cream-bordered Green Pea - 11th June -
©Martin Roome

NOCTUIDAE *- Chloephorinae*

74.011 BF2418 **CREAM-BORDERED GREEN PEA** *Earias clorana* (Linnaeus, 1761)
Two records, one on 11th Jun Chaddesden (MR), and one 19th July Aston-on-Trent (RW). There was only one record in 2024 and that was from the same site as the one on 11th Jun (MR).

GEOMETRIDAE - *Ennominae*

70.240 BF1920 **SCALLOPED HAZEL** *Odontopera bidentata - ab.nigra (*Clerck, 1759)

A noteworthy occurrence of a common species of macro moth

There appears to be very few records from VC57, of the melanic form ab. *nigra* of the **Scalloped Hazel**, *Odontopera bidentata*. So the following records are noteworthy.



Two individuals of the form nigra were recorded during 2025. One was attracted to a garden light trap at Buxton and recorded by Ian White on 16th May (see image) and one on 3rd June from the Twitchlings near Glossop by Christian Heintzen.

Prior to these, the last record I can find is of one from Hathersage recorded on 21st May 2021, by the late Claire Miles (photograph appears on iRecord).

EREBIDAE *- Arctiinae*
72.209 BF2068 **SCARLET TIGER** *Callimorpha dominula (Linnaeus, 1758)*

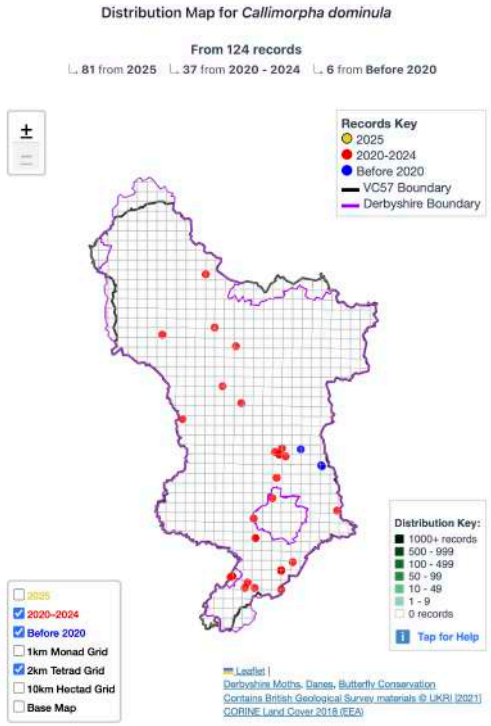
Change in the distribution of the Scarlet Tiger moth in VC57 - Tony Davison.

The **Scarlet Tiger Moth** - *Callimorpha dominula,* was first recorded in VC57 from Ripley in 2012, with a further record from Heanor in 2014 and three in a churchyard in the Heanor area during 2015. By the end of 2016 there were fewer than half a dozen records from Derbyshire. The species began to expand its range in our county during 2024, when 37 records were received.

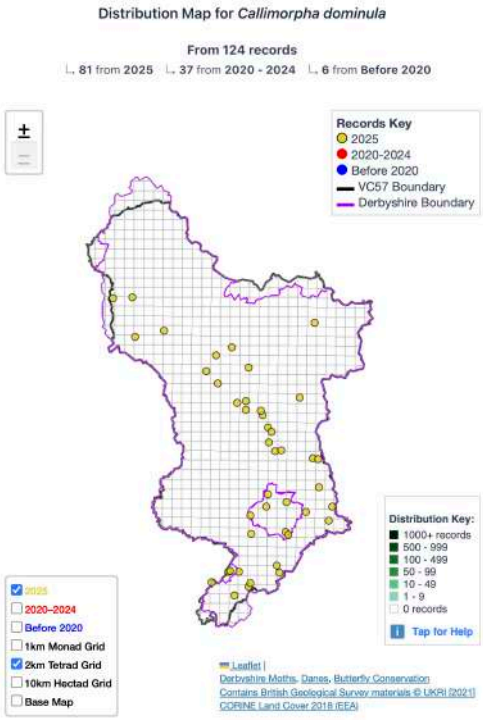
During 2025 a population explosion of this species occurred in Derbyshire, when **81** records of **155** individuals were accounted for and the moth was being recorded in good numbers from all areas of the VC57 recording area.

When the Atlas of Britain and Ireland's Larger Moths was published in 2019, **Scarlet Tiger** was described as an increasing species mainly found in south-western Britain, with recent records from Cheshire, North Wales and the East Midlands. The distribution trend then showed a major increase since 1990, with the moth spreading into Hertfordshire and Bedfordshire.

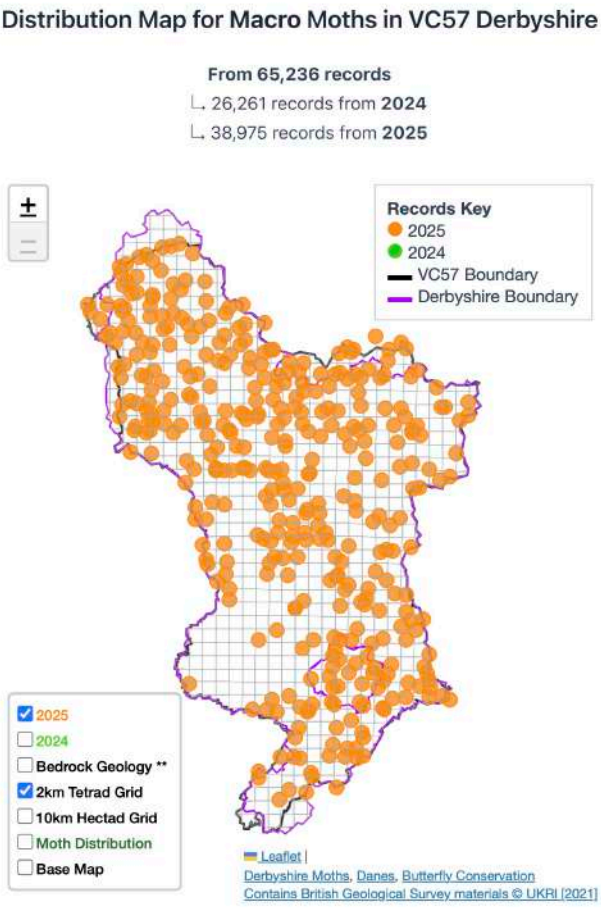
It will be interesting to see if the **Scarlet Tiger** continues to expand its population in Derbyshire or whether this was an exceptional year due to weather conditions during 2025.



Scarlet Tiger - records to 2024



Scarlet Tiger - 2025 records



Macro Moth records for 2025

TABLE B - Top 10 moths during 2025 by abundance.

Rank	Checklist No:	Taxon	Vernacular Name	Abundance	Total records	First	Last
1	73.342	*Noctua pronuba*	Large Yellow Underwing	23,143	1348	4/3/25	12/11/25
2	73.099	*Hoplodrina ambigua*	Vine's Rustic	5,039	425	28/04/25	07/11/25
3	70.016	*Agrotis exclamationis*	Heart and Dart	4,897	687	24/04/25	10/10/25
4	49.039	*Idaea aversata*	Riband Wave	4,756	724	16/05/25	17/10/25
5	73.096X	*Hoplodrina octogenaria/ blanda*	Uncertain/Rustic agg	3640	455	28/04/25	20/10/25
6	73.348	*Noctua janthe*	Lesser Broad-bordered Yellow Underwing	3,639	455	30/06/25	30/09/25
7	70.226	*Apamea monoglypha*	Dark Arches	3,459	594	16/05/25	12/11/25
8	73.357	*Xestia xanthographa*	Square-spot Rustic	3,138	456	11/07/25	16/10/25
9	73.169X	*Mesapamea secalis/didyma*	Common/Lesser Common Rustic agg	2,867	396	30/05/25	05/09/25
10	73.325	*Agrotis puta*	Shuttle-shaped Dart	2,579	652	12/04/25	30/10/25

TABLE C - Consolidated records of the 16 species of migrant macro moths recorded in VC57 in 2025

ABH No:	Common Name	Taxon	Records	Moths	Earliest Date	Latest Date
69.010	Humming-bird Hawk-moth	*Macroglossum stellatarum*	100	102	7th Mar	6th Nov
70.038	Vestal	*Rhodometra sacraria*	3	3	5th Sept	19th Sept
72.011	Gypsy Moth	*Lymantria dispar*	1	1	1st Aug	1st Aug
72.041	Four Spotted Footman	*Lithosia quadra*	6	6	12th Jun	19th Jun
72.073	Small Marbled	*Eublemma parva*	4	4	29th Jun	1st July
72.076	Clifden Nonpareil	*Catocala fraxini*	20	22	15th Aug	14th Oct
72.081	Dark Crimson Underwing	*Catocala sponsa*	1	1	13th July	13th July
73.003	Ni Moth	*Trichoplusia ni*	2	2	16th Aug	20th Aug
73.010	Dewick's Plusia	*Macdunnoughia confusa*	9	9	25th Jul	6th Sept
73.074	Bordered Straw	*Heliothis peltigera*	20	20	5th June	9th Sept
73.076	Scarce Bordered Straw	*Helicoverpa armigera*	11	11	14th Aug	2nd Oct
73.087	Small Mottled Willow	*Spodoptera exigua*	9	9	28th Jun	29th Aug
73.164	Reddish Light Arches	*Apamea sublustris*	3	3	20th Jun	30th Jun
73.295	Delicate	*Mythimna vitellina*	2	2	24th Jun	30th Sept
73.307	Pearly Underwing	*Peridroma saucia*	3	3	6th Aug	7th Oct
73.327	Dark Sword-grass	*Agrotis ipsilon*	57	68	20th Mar	5th Oct

TABLE D - Macro Moth Statistics Table by monthly breakdown.

Month	Records	Species	Abundance	Sites	Recorders	Tetrads
Jan	10	9	20	6	6	6
Feb	60	16	247	27	22	23
Mar	860	45	2446	83	50	60
Apr	2045	146	3755	152	86	106
May	4935	252	11021	309	181	186
Jun	9746	315	32592	395	245	220
Jul	9668	312	37597	375	216	204
Aug	7588	239	33743	231	160	159
Sep	2403	147	9257	121	87	90
Oct	1460	97	3164	89	72	77
Nov	216	39	611	48	38	41
Dec	38	12	104	20	17	19

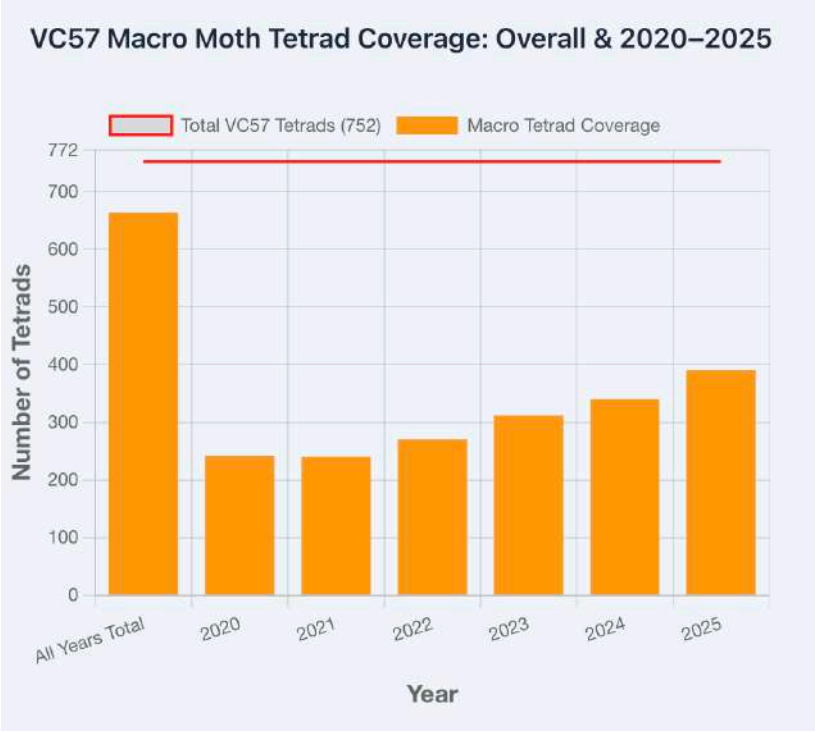
TABLE E - Annual trapping session numbers for last three years.

Year	Records	Species	Abundance	Sites	Recorders	Tetrads	Trap Sessions
2025	39,029	475	134,557	1060	550	391	1169
2024	26,260	440	71,765	807	414	340	925
2023	19,923	453	65,124	607	333	312	707

TABLE F - Yearly trapping session breakdown.

Year	Trap sessions	Abundance	Average Moths per session
2025	1169	134,557	115
2024	925	71,765	78
2023	707	65,124	92

Tetrad Coverage - The map below shows 90% distribution coverage of all macro moth records on the website database and the graph below shows tetrad coverage of all macro moths in VC57 for 2025. There is currently coverage of **675** tetrads of 752. The unrecorded tetrads are shown below right.



Macro Moth Tetrad coverage - 2025 =391 covered

Unrecorded Tetrads

SJ99R SJ99X SK03X SK03Y
SK06X SK07Z SK11W SK11X
SK11Y SK12U SK12Z SK13A
SK13F SK13G SK13J SK13K
SK13M SK13N SK13Q SK13S
SK13X SK13Y SK13Z SK14N
SK14P SK14Q SK14W SK15V
SK15W SK15Y SK16A SK21A
SK21B SK21F SK21G SK21I
SK21K SK21L SK21P SK21R
SK22N SK23B SK23C SK23E
SK23G SK23H SK23J SK23L
SK23N SK23P SK23S SK23U
SK24E SK24G SK24L SK24Q
SK24V SK25A SK25B SK25C
SK25J SK34B SK34C SK34E
SK35N SK35P SK35T SK37F
SK42C SK42I SK42P SK43E
SK44D SK44J SK45S SK56B

Derbyshire Moths

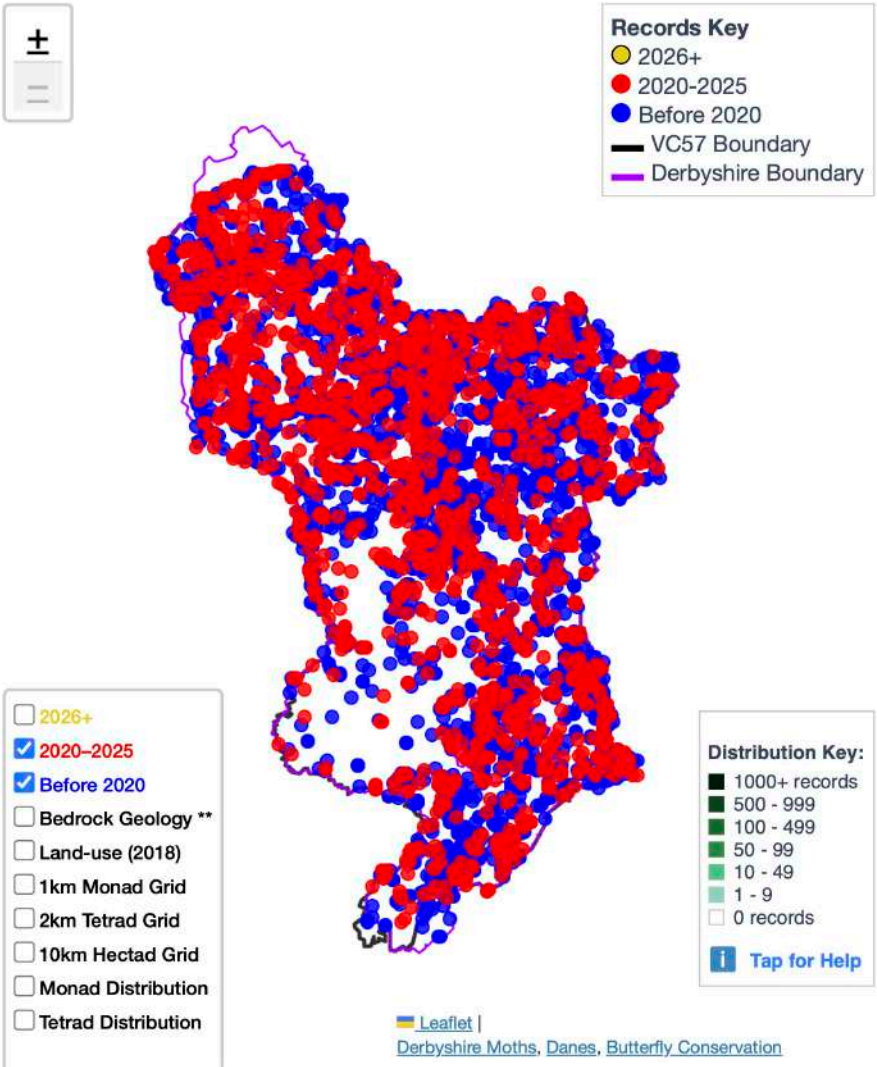
Search for a moth..

Distribution Map for Macro Moths

From 483,793 records

Coverage: 675 of 752 tetrads with records (**90%**)

- **33364** from **2026**
- **131711** from **2020 - 2025**
- **318718** from **Before 2020**



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Secondly, acknowledgment must go to the many Derbyshire moth recorders, the numbers of which seem to be rising year on year, as without their recording efforts and submissions to the irecord database, this report wouldn't be published.

Thirdly a huge debt of thanks to the "Recording Team" for their valiant efforts throughout the year in verifying just under 39,000 macro moth records. After some early teething problems, we seem to have turned a corner with our verification processes. Finally my thanks must also go to Steve Thorpe for his support and assistance throughout the year as Joint County Moth Recorder.

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 thanks go to:-
Clive Ashton; Marc Blount; Tony Davison; Dave Evans; Brian Hallam; Shane Harper; Christian Heintzen; Jane Hewitt; Brian Hobby; David Knass; Neil Loverock; Daniel Martin; Margaret McLoughlin; Emily Milnes; Sid Morris; Dave Newcombe; Stephen Plant; Martin Roome; Will Soar; Steve Thorpe; Jan Turner; Adrian Watson; Mick Watson; Ian White; Mike, Williams; Pat FW.

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Derbyshire Moth Recorders that have contributed to this report.

Recorder	ID Code	Recorder	ID Code	Recorder	ID Code
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Steven Bell	**SB**	Steve Hind	**StH**	Neil Sharman	**NS**
Lucy Benniston	**LB**	Brian Hobby	**BHo**	Andrew Shervill	**AJS**
Michele Beverley	**MB**	David Knass	**DK**	Hazel Robson	**HR**
Marc Blount	**MBl**	Alan Kydd	**AK**	Martin Roome	**MR**
Archie Braddock	**AB**	Alex Lees	**AL**	Will Soar	**WS**
Jonathan Bradley	**JB**	Neil Loverock	**NL**	Sue Taylor	**STa**
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Don Cambridge	**DC**	Daniel Martin	**DM**	Paul Townsend	**PTo**
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Rob Foster	**RF**	James Harding-Morris	**JHM**	Alex Wells	**AWe**
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Christian Heintzen	**CH**	Richard Pittam	**RP**		
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