



USER GUIDE AND HELP DOCUMENT



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ACCESSING THE INTERFACE

Accessible from most , if not all browsers, from Windows, Mac, Android, iOS devices.

Depending on your preferred device, the website can accommodate you, but if not on a standard Windows or Mac desktop, the pages present themselves in a slightly different way – obviously, to accommodate smaller screens and resolutions the layout has to be flexible, which it is. The standard desktop view is as below, with standard menu and left and right columns:

The screenshot shows the website interface with a blue header containing the logo and navigation menu. Below the header is a yellow search bar. The main content area is divided into several sections:

- Left Column:** A vertical menu with icons for 'VC57 Derbyshire Moth Recording', 'VC57 Moth Indexes', 'Macros Part 1', 'Macros Part 2', 'Micros (All)', and 'Leaf-miners'.
- Top Middle:** A list of 'Monthly Moth News Bulletins' including 'VC57 Derbyshire Macro Moth Report 2024', 'Top Species / Top Recorders', 'Mapping Derbyshire's Moths', 'NEW – NEFY (New-For-Year Moths)', 'NEW – What to Look for This Month?', and 'NEW – Moth Activity Tables'.
- Top Right:** A pie chart titled 'Status of VC57 Derbyshire Moths' showing the distribution of species across different categories.
- Bottom Middle:** A table titled 'VC57 Annual Record Statistics (latest data upload)' showing records, species, recorders, sites, and tetrads from 2020 to 2026.
- Bottom Left:** 'Moth of the Month' section featuring an image of a moth and the text 'Moth of the Month (March 2026)'.
- Bottom Right:** 'Latest News' section featuring an image of a moth and the text 'Derbyshire Moth News - March 2026'.
- Far Right:** A search bar and a list of news items including 'Derbyshire Moth News – March 2026', 'Moth Trap – 31st March-1st April 2026', 'Light Orange Underwing – a possible potential species for VC57', 'Moth Trap – 21st March 2026 – 18:30 – 22:30hrs', 'Moth Traps – 17th & 18th March 2026', 'A Lead-coloured Drab recorded', 'Derbyshire Moth News – February 2026', 'Moth Trap – February 24th/25th 2026', 'A 2nd new species this year of Psychidae for VC57', and 'First Moth Trap for 2026 – 11th February 2026'.

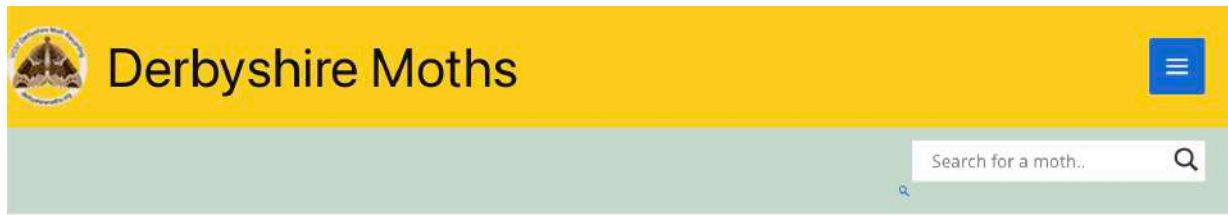
The standard menus are just dropdowns, like other websites – and are self-explanatory....


The screenshot shows a dropdown menu with the following items:

- The Moths
- Images
- Visualise/Analyse
- Moth
- Macros
- Micros
- Quick Checklists
- Foodplant Search
- Quick Moth Search
- Derbyshire Monthly Moth News Bulletin
- to view the new consolidated




For a tablet or Mobile Phone view, the layout automatically changes and you have a 'Hamburger Stack' menu this time and a slightly different layout, but everything is still there.







VC57 Moth Indexes




Macros Part 1




Macros Part 2



Micros (All)



Leaf-miners

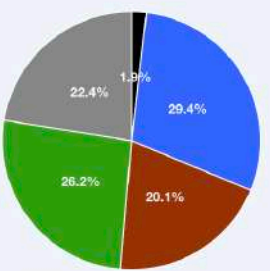


- [Monthly Moth News Bulletins](#)
- [VC57 Derbyshire Macro Moth Report 2024](#)
- [Top Species / Top Recorders](#)
- [Mapping Derbyshire's Moths](#)
- [NEW – NFY \(New-For-Year Moths\)](#)
- [NEW – What to Look for This Month?](#)
- [NEW – Moth Activity Tables](#)

VC57 Annual Record Statistics (latest data upload)

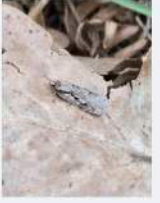
Year	Records	Species	Recorders	Sites	Tetrads
2020	20,149	712	258	411	253
2021	19,850	726	262	432	272
2022	20,071	746	307	511	294
2023	25,449	792	365	712	343
2024	35,329	840	440	1,024	369
2025	53,760	1,014	589	1,328	425
2026	1,588	102	66	146	92

Status of VC57 Derbyshire Moths



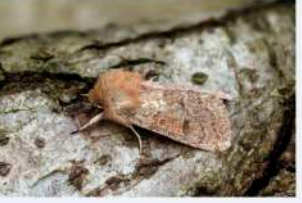
- Black - Extinct Species [28]
- Blue - Generally Common / Widespread [443]
- Brown - Significant Record / Very Rare / Vagrant [303]
- Green - Rare / Uncommon / Scarce [394]
- Uncertain/Unknown - Insufficient Data [338]

Moth of the Month




Moth of the Month (March 2026)

Latest News



Derbyshire Moth News - March 2026



Latest Images – click to stop and view full-size



The '*Hamburger stack*' menu looks slightly different.....but again, everything is there on the screen.





MOTH INDEXES

On the left-hand side of the home page there are 4 Indexes, each accessed by a link.

VC57 Moth Indexes



Macros Part 1



Macros Part 2



Micros (All)



Leaf-miners

VC57 Macros Part1, allows access to a definitive moth list of macros, from **Hepialidae to Erebidae**.

Here, information is given on how the 4 main indexes came about and also summary information on statistics for numbers of species recorded and also latest images list and those photographers who supplied them.

Also, the nomenclature and guide references used throughout the website are described in each of these indexes. You are presented with a very rich list of moths, ordered by their Checklist Number and with a decent-sized thumbnail image, so in terms of finding moths in the database, this can be a way in for the more experienced moth'er who knows what they want.

For those who are new to this or do not have confidence of finding a moth this way, then the next section shows how to find a moth using the built-in search indexing systems and methods.

Examples of the rich moth indexes are shown below:

Total Part 1 Macros: 345

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category	Migrant	Day Flying	Photo	Photos By
Hepialidae									
	3.001.BF0015	<i>Triodia sylvina</i>	Orange Swift	●	CAT 1			●	Tony Davison

Total Part 2 Macros: 243

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category	Migrant	Day Flying	Photo	Photos By
Noctuidae									
	73.001.BF2450	<i>Abrostola tripartita</i>	The Spectacle	●	CAT 2			●	Tony Davison

Total Micros: 910

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category	Migrant	Leaf Miner	Leaf Miner Grade	Larval Case Grade	Day Flying	Photo	Photos By
Micropterigidae												
	1.001.BF1	<i>Micropterix tunbergella</i>	Red-barred Pollen-moth	●	CAT 1					●		

Total Leaf-miners: 299

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category	Migrant	Leaf-miner	Leaf-miner Grade	Larval Case Grade	Day Flying	Photo	Photos By
Eriocraniidae												
	2.001.BF6	<i>Dyseriocrania subpurpurella</i>	Common Spring Jewel	●	CAT 2		●	CAT L	C1	●	●	Tony Davison



MOTH MENU LISTINGS

From the main menu, if you know which family your moth is in, you can go straight to that family and view all the moths in it.

There is a separate menu for both Macro and Micro moths.

Macro Moth Status	Micro Moth Status
Macro – Website Statistics	Micro – Website Statistics
Macro Moth Anatomy	Micro Moth Anatomy
Macro – Status Lists >	Micro Status Lists – In Progress >
Day-Flying – [Yellow]	Day-Flying – [Yellow]
Hawk Moths	Tortrix Moths
Pug Moths	Leaf Miners
Hepialidae	Plume Moths
Cossidae	Micropterigidae
Sesiidae	Eriocraniidae
Zygaenidae	Nepticulidae
Drepanidae	Opostegidae
Lasiocampidae	Heliozelidae
Saturniidae	Adelidae
Sphingidae	Incurvariidae
Geometridae	Prodoxidae
Notodontidae	Tischeriidae
Erebidae	Psychidae
Noctuidae	Tineidae
Nolidae	Roeslerstammiidae

The families for Micros are considerable in number, so the menu above right is only an example – the actual menu lists all of the Micro moth families found in VC57.



1. LET'S FIND SOME MOTHS!!

The website has many ways to locate moths, these are shown here.

a. Search for a moth

Let's say you know the moth common name, or scientific name, or part of it – just click in the search box and type. You will notice that as you type, the website looks for and finds matches based on your text – in this case, all instances of the word 'Noctua'. It will show all Master Moth Pages or Data-sheets first, highlighting the chosen text in red for you.



Below that if you scroll up, it starts to look within the pages and posts on the website, looking again for instances of your chosen text.

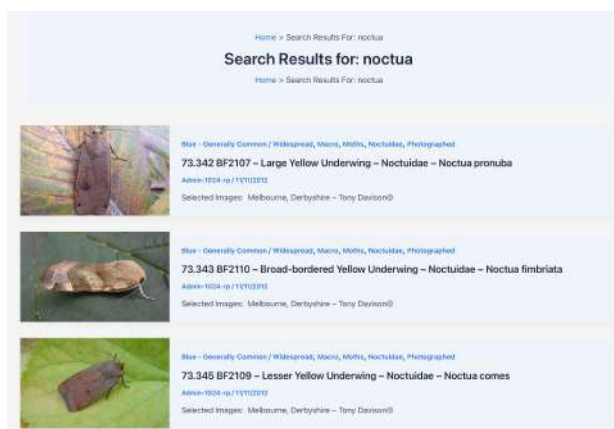
Notice that this is all automatic and no need to click anything just yet.

Scroll up and down the presented list and when you find what you want, then just click on the blue title/name shown and it will automatically open the page or post of your choice.



If you prefer, you can click the Enter or Return key and it will load the list of search results for you to choose from...

At any point, to return to where you were before, just click on the 'www.derbyshiremoths.org' logo at the top left of the website – it will always take you to the Home Page.





b. FIND A MOTH BY MENU



CLICK ON THE 'MOTHS' MENU – you will see that you will also have a menu for both 'Macros' and 'Micros' – if you know your desired moth is one or the other, then click either to show a full list of your choice. This list is a rich list of all [micro or macro] moths, with an image, it's referencing number, it's names, it's Derbyshire status, it's category, determining how easy it is to identify, if it is a migrant, day-flying, or a leaf-miner.

Macro List

Total Macros: 559

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category	Migrant	Day Flyer	Photo	Photo By
	3.001.BF0015	Triodia sylvina	Orange Swift	●	CAT 1				Tony Davison
	3.001.BF0017	Stenobothrus equatus	Common Swift	●	CAT 1				Tony Davison
	3.001.BF0016	Aluco hebalus	Ring-winged Swift	●	CAT 1				Tony Davison
	3.004.BF0018	Myricaia lactea	Grass Swift	●	CAT 1				Tony Davison
	3.006.BF0011	Hepialia humulii	Chestnut	●	CAT 1				Tony Davison

Also, if it has been photographed and by whom.

Each moth listed has a link both on its small thumbnail image and also in blue, over its Checklist Number.

Clicking either one will take you straight to the master moth page/data-sheet, where all the information can be seen relating to it, including population maps, charts, data, etc.

3.001 BF0015 – *Hepialidae – Triodia sylvina* – Orange Swift – (Linnaeus, 1761)

Adult Macro: CAT 1 – click for Adult Macro Verification Guidelines

● – Generally Common / Widespread

Details Additional Information Recorded History

Taxonomy: [Macro](#) >> [Hepialidae](#)

Other Name(s): *Hepialus sylvina*

ID Difficulty: ▲ – easy to identify, generally distinctive and unlikely to be confused with other species.

ID pointers: The moth is fairly straight forward to identify – The male is brightly marked with distinctive orange-brown forewing. The female is duller and less brightly marked. The lines are pale buff with heavier blotching on the forewings.

Distribution: A resident species that is widely distributed and fairly common in Derbyshire.

General Comment: None

Flight Period: June / July / August / September – On the wing late June- September.

Moth Activity: Crepuscular – but can be disturbed during the day

Photographed: Yes – **Photographed By:** Tony Davison © All Rights Reserved

*** Last updated on 29 October 2025 by RP ***

[Send Moth Page Feedback](#)

Selected Images: Melbourne – 1 & 2 – Male

Image Gallery



Remember, to get back to the main menu, close this window, then click the derbyshiremoths.org logo top left.

c. IF YOU KNOW WHICH FAMILY THE MOTH IS IN YOU CAN SELECT THIS AND FIND IT THAT WAY

The Moths ▾	Images ▾	Visualise/Analyse ▾	Moth
Macros	>	Macro Moth Status	
Micros	>	Macro – Website Statistics	
Leaf-Miners		Macro Moth Anatomy	
Quick Checklists	>	Macro – Status Lists	>
Foodplant Search		Day-Flying – [Yellow]	
Quick Moth Search		Hawk Moths	
New For Year Moths (NFY)		Pug Moths	
First And Last Records By Year Selection		Hepialidae	
		Cossidae	

For example, you can choose the *Sesiidae* family, then click this link to show a list of all moths in that family.

Again, to get to the moth’s master record, click the image or the Checklist Number link.

Total: 8

Featured Image	Checklist Number	Scientific Name	Common Name	Status Colour	Adult Category
	02.002.BFD020	<i>Sesia apiformis</i>	Hornet Moth	●	CAT 3
	02.003.BFD021	<i>Sesia bombyciformis</i>	Lunar Hornet Moth	●	CAT 1
	02.005.BFD025	<i>Synanthedon (Syn) formosa</i>	White-banded Clearwing	●	CAT 3
	02.007.BFD081	<i>Synanthedon eucalypti</i>	Large Red-bellied Clearwing	●	CAT 2
	02.008.BFD088	<i>Synanthedon formicaria</i>	Red-tipped clearwing	●	CAT 1
	02.012.BFD078	<i>Synanthedon vesaliensis</i>	Yellow-legged Clearwing	●	CAT 1



d. PERFORM A DEEPER SEARCH FOR AN UNKNOWN MOTH

Search results for 'brown':

- 32.039 BF670 - **Depressariidae** - **Depressariinae** - **Depressaria**
daucella - Water-dropwort
Brown
25/04/2025 6:20 PM
- 49.039 BF998 - **Tortricidae** - **Tortricinae** - **Epiphyas**
postvittana - Light **Brown** Apple **Moth**
03/08/2020 2:00 PM
- 49.228 BF1153 - **Tortricidae** - **Olethreutinae** - **Epinotia**
sordidana - **Brown** Alder Roller
25/03/2025 8:22 PM

Again, using the 'Search' box, type in something you think is unique about the moth and the website will endeavour to find it, or similar moths. It is worth noting here that this is not a specialised 'find-a-moth' system, but will allow you to type in such things as a colour, texture, location, recorder, date, food plant, etc and the search will do it's best to find something for you.

Of course, searching for something like the colour 'brown' is going to give you lots of hits, but this is just an example.

The first items on the list are where the word 'brown' is in the title of the moth page, or its name, or both.

If you scroll down further you will get matches subtler...where the colour may be mentioned, by moth, in a post of a trap record, or in the text narrative. In these cases, the word 'brown' will not show in red, as if in the title, but it will still be somewhere to be found on the linked/found page.

Moth Trap
19th/20th
August 2025
20/08/2025 11:42 AM

Clicking this will give you a page, where 'brown' is mentioned somewhere....

In this example –

Epiphyas postvittana (Light Brown Apple Moth)

63.099 BF1313 – **Crambidae** – **Crambinae** – **Catoptria pinella** – Pearl Grass-moth – (Linnaeus, 1758)

Adult Micro: CAT 1 – click for General Verification Guidelines | – click for Specific Verification Guidelines

– Generally Common / Widespread

Details Additional Information Recorded History

Taxonomy: [Micro](#) >> [Crambidae](#) >> [Crambinae](#)

Other Name/s: Pearl Grass-veneer

ID Difficulty: ▲ – easy to identify, generally distinctive and unlikely to be confused with other species.

ID pointers: Quite striking. A bright orange-gold forewing with two large white patches in the central area bordered by reddish brown.

Distribution: A localised and fairly common species in the county.

General Comment: None

Flight Period: June / July / August / September – On the wing during June – September.

Moth Activity: Nocturnal – fly by night and rests in trees by day

Photographed: Yes – **Photographed By:** Tony Davison © All Rights Reserved

*** Last updated on 2 October 2025 by RP ***

[Send Moth Page Feedback](#)

Other deeper search examples could be e.g. 'striking', which will give you this result as one option... you get the idea hopefully.

You should see the word 'striking' in the main text about the moth '*Catoptria pinella*'.

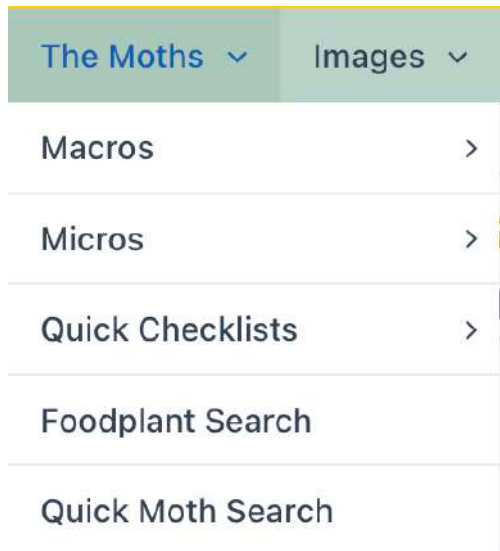
Feel free to explore the menus and you can find you can locate moths from large simple lists, status, from an image you recognise, from a flying and mining calendar, if you want to know what is about.

[see later for this].



There are a couple of specialised pages go a bit further to help you find your moth.

e. FOODPLANT SEARCHES



Click on the menu item here to go to the Food-plant search screen

From here you can narrow down your search for a moth, if you know, or suspect there is a specific Food-plant it feeds on.

Note – you will only find the moth, if the master data-sheet has an entry for that particular food plant, but most are covered already.

This search facility has been recently improved, to allow you to filter down to look at Leaf-miner moths only, if you are only interested in their food plants.



Type in a word, for example **'beech'** and then click 'Search' button.

A screen showing all matches of your suggested food plant 'beech' and which moths have this food plant listed against their record – for either ALL moths, or if you clicked 'Search Leaf-miners Only', for leaf-miners.

NOTE – the search is NOT Case-Sensitive.

See overleaf for details.



Food Plant Search

Search food plant:

lime

[Search All Moths](#) [Search Leaf-miners Only](#) [Reset](#)

Type in a word or phrase to find moths associated with a food plant, e.g. grass, herbaceous plant, Aspen, or heather, etc.

Search results for "lime"

Total moths found: 11

Image	Checklist No.	Scientific Name	Common Name	Food Plant
	4,004_BF90	Stigmella tiliae	Lime Dot	Lime and Small-leaved Lime .
	13,002_BF447	Roeslerstammia erxebella	Burnished Copper	Lime , Small Leaved Lime & Birch
	14,009_BF273	Bucculatrix thoracella	Lime Tuft	Small-Leaved Lime (Tilia cordata) and sometimes Common Lime (T. x vulgaris).
	32,001_BF066	Semioscopis avellanella	Early Diviner	Small leaved lime , birch and hornbeam
	39,005_BF903	Chrysoclista linneella	Lime Flame	Lime trees where the larvae feed under the bark
	69,001_BF1979	Mimas tiliae	Lime Hawk Moth	Limes Elms, Downy & Silber Birch, Alder
	70,096_BF1761	Chloroclysta miata	Autumn Green Carpet	Sallows, Birches, Alder, Lime .
	70,184_BF1824	Eupithecia egenaria	Pauper (Fletcher's) Pug	Lime flowers.
	70,236_BF1915	Ennomos erosaria	September Thorn	Oak (Quercus), birch (Betula) or lime (Tilia).
	73,179_BF2271	Tiliacea citrigo	Orange Sallow	Lime tree buds and leaves.
	74,004_BF2078	Nola confusalis	Least Black Arches	Lime (Tilia spp.), EvergreenOak (Quercus ilex).

And for a Leaf-miner-only search, showing the Mine Type/s for the moths, where given.

Food Plant Search

Search food plant:

lime

[Search All Moths](#) [Search Leaf-miners Only](#) [Reset](#)

Type in a word or phrase to find moths associated with a food plant, e.g. grass, herbaceous plant, Aspen, or heather, etc.

Search results for "lime" (Leaf-miners only)

Total moths found: 3

Image	Checklist No.	Scientific Name	Common Name	Food Plant	Mine Type/s
	4,004_BF90	Stigmella tiliae	Lime Dot	Lime and Small-leaved Lime .	—
	13,002_BF447	Roeslerstammia erxebella	Burnished Copper	Lime , Small Leaved Lime & Birch	—
	14,009_BF273	Bucculatrix thoracella	Lime Tuft	Small-Leaved Lime (Tilia cordata) and sometimes Common Lime (T. x vulgaris).	Gallery

You will see the moths listed, by their special Checklist Number order, showing their names and the Food Plants associated with them.

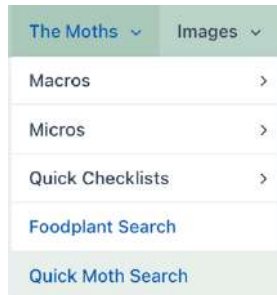
All 'hits' for your word 'beech' will be highlighted in orange and bold.

Again, click either the image, or the Checklist Number link to be taken straight to your possible moth.....

To try another Food Plant search, click the 'Reset' button, enter a new value and click Search again.....



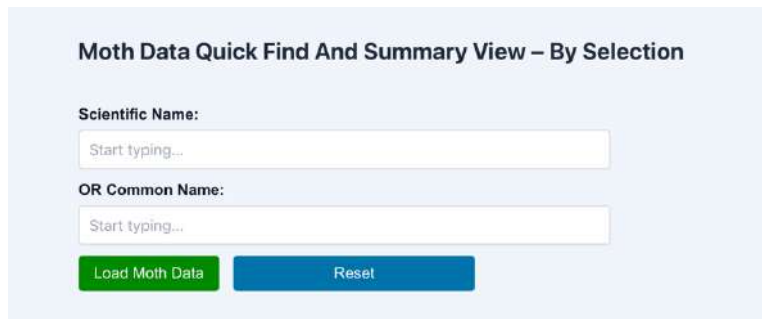
f. QUICK MOTH SEARCH FACILITY



Click this menu to access the quick-moth search facility.

You should be getting the hang of this by now and starting to notice that the website is intentionally organised into ‘functional’ areas, to allow you to search and find specific things, like moths, maps, chart, and also information and resources available on the website.

In addition to opportunities to feedback on web content, make contact with the Moth Recording Team and also to submit your own shared knowledge, or expertise and also upload some of your images of moths, to share with us on the website – note – full credit is always given and copyright/s respected.



This is a really useful screen and allows you to search and find moths, where you may not be sure of the name [common or scientific], or, that you maybe just want to access a known moth, to view its records on the database.

Simply start to type in EITHER, a scientific [*latin*] name, OR, a common [English] name.

You will notice, that as you type, the names will appear, that match ANY part of the text you are entering, for either a scientific OR common name.

For example, start to type in ‘hawk’ and you will see some examples pop up...similarly, if you type in say, ‘*Noctua*’, you will see all the moths in the website, relating to that text search.

See below..



NOTE – to enter either Common OR Scientific name text, one of the text boxes has to be empty – to easily do this, just click the ‘Reset’ button to reload the page to its defaults.

Highlight the moth you want, then click or select it in the list





Click 'Load Moth Data' then the website will then load up the master page/data-sheet for the moth chosen...



Noctua janthe (Lesser Broad-bordered Yellow Underwing)

Checklist Number	73.348 BF2111 (Click link to view the Master Moth page and information)
Scientific Name	<i>Noctua janthe</i>
Common Name	Lesser Broad-bordered Yellow Underwing
Taxonomy - Type	Macro
Taxonomy - Family Text	<i>Noctuidae</i>
Sub-Family	<i>Noctuinae</i>
ID Difficulty	Amber
Confusion Species	Broad-bordered Yellow Underwing, Langmaid's Yellow Underwing
Authority	(Borkhausen, 1792)
Status	Blue - Generally Common / Widespread

Also, all the maps, charts and records are populated, so you can now browse all kept details of your chosen moth.



g. FIND A MOTH AND ITS MAP DATA

Sometimes you just want to see a distribution of one or more moths – you know the common or scientific name, but you don't want to trawl through its other record data. Go to the menu below:

Visualise/Analyse	Moths By Month	Information	News	Resources
Maps	Distribution	All Moths		
Charts	Taxa (Species) Density	Macro		
Tables	Shannon Diversity And Evenness Indexes	Micro		
Analysis		Macro – Micro Comparison		
Trending		By Species		

Selective Moth Distribution

Type scientific OR common Name, select, then click Retrieve Map Data:

No records found

Select Data as Required Above

Bedrock Geology ** indirectly affects moth distribution.

Land Use Type * may influence moth distribution.

Type in part of a common or scientific name, the page will locate it, if it is recorded in VC57/Derbyshire, then click the text to select it, then click 'Retrieve Map Data' button. The page will then refresh and show you your moth name with its recorded numbers and also you can now click the boxes on the map to show the records and locations and view other data.



Selective Moth Distribution

Type scientific OR common Name, select, then click Retrieve Map Data:

Tyria jacobaeae

Reset **Retrieve Map Data**

Distribution Map for *Tyria jacobaeae*

From 2,659 records

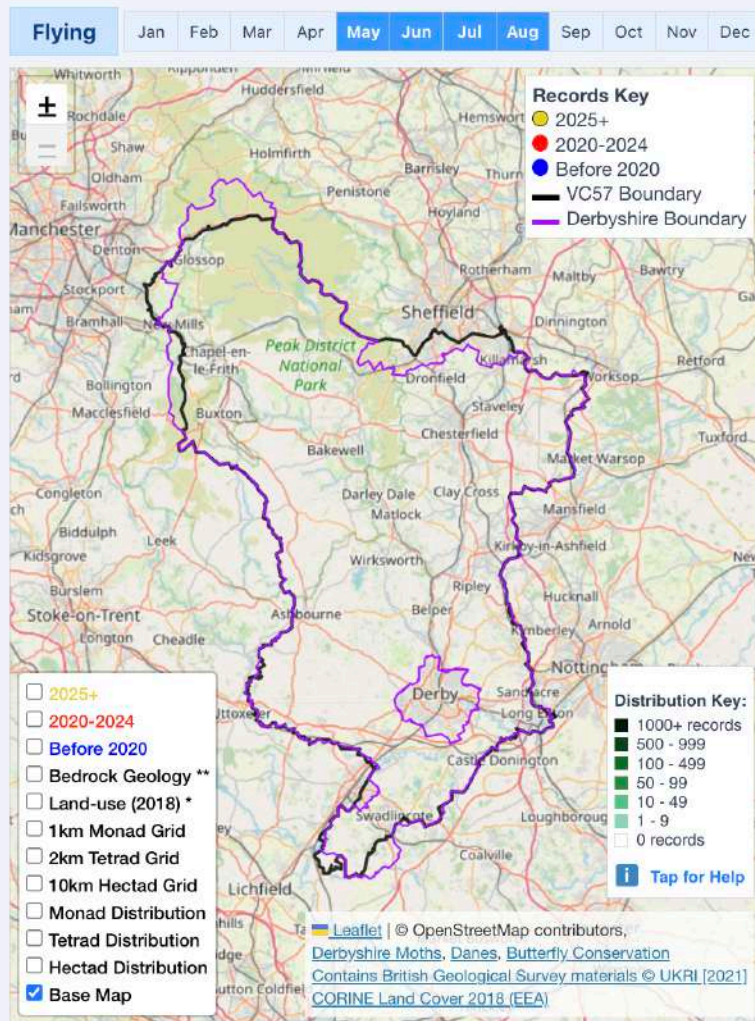
Coverage: 327 of 752 tetrads (44%)

Breakdown by period:

↳ 358 from 2025+

↳ 517 from 2020 - 2024

↳ 1784 from Before 2020



Select Data as Required Above

Bedrock Geology ** indirectly affects moth distribution.

Land Use Type * may influence moth distribution.



Distribution Map for *Tyria jacobaeae*

From 2,659 records

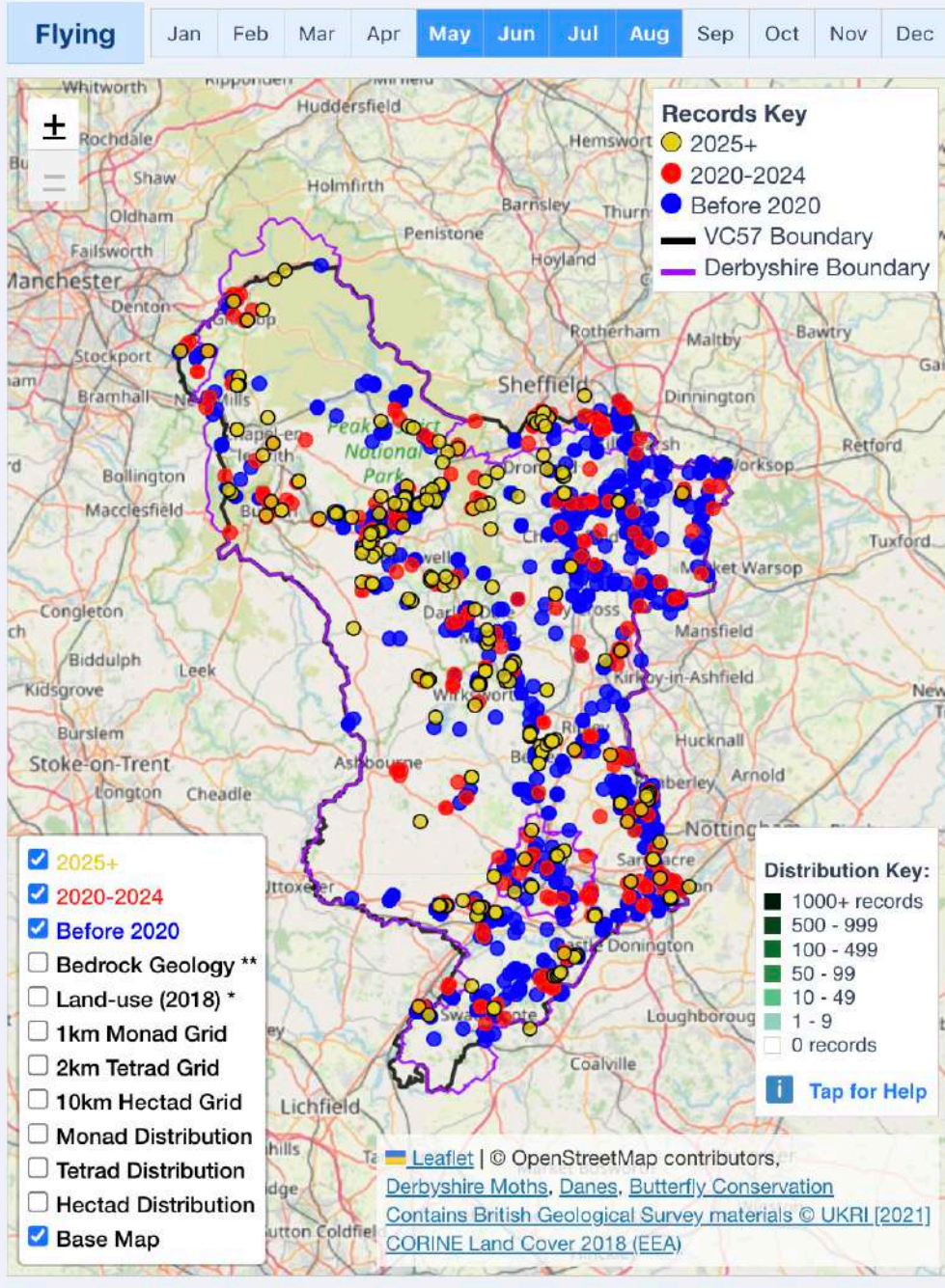
Coverage: 327 of 752 tetrads (44%)

Breakdown by period:

↳ 358 from 2025+

↳ 517 from 2020 - 2024

↳ 1784 from Before 2020





h. NFY – New For Year Moths

During the course of a moth'ing season, many 1000s of records are input or uploaded to the iRecord database online [<https://irecord.org.uk/>]. These records require constant verification, by a small, but hard-working cohort of verifiers, all voluntarily reviewing and verifying/questioning moth records. This process takes a while, obviously, so there is always a double-lag between the records being entered, then verified, then being uploaded to the Derbyshire Moths database. To mitigate this, to a degree, the NFY page was set up.

An admin of the website can add a moth seen or recorded, instantly, onto the website, whether or not it has a. been put onto iRecord, OR, has even been verified. This means that people visiting the site can see what has been found, up to the minute.

The admin can tag the species, give a date of the find, a source and an initial assessment of its Validity – which of course may change depending on if the moth is accepted or not later.

The admin uses this form [not seen by the website users].

The details are entered, including a Source, which can be iRecord, DMFG, or Other.

The Validity can be Tentative, or Accepted.

The date of the find and the Recorder name/s are also entered.

This information is then sufficient for the moth to be added to the master NFY page, which is available to all web users.

There is a caveat to the NFY, which explains the lag in time between record finding and upload to the Derbyshire Moths database.



NOTE:

As data uploads are only carried out periodically, the website may not always be fully in sync with recorded and verified data.

To mitigate this, the NFY (New For Year) page was created, which allows the admin team to add NFY moths as soon as they are reported, so they can be displayed immediately below.

Although a validity status is shown, individual records may ultimately be removed or amended following the formal verification process. Nevertheless, this provides a quick, at-a-glance view of what is currently being found in the field.

To view the latest uploaded and verified records for this year, please click:

[Latest uploaded AND verified records](#)

NFY Macro example...

Send NFY Page Feedback

Total Macro Records for 2026: 81
Total Micro Records for 2026: 81

[Jump to Micro Moths NFY ↓](#)

Macro Moths NFY (New for Year) 2026

Checklist No.	Image	Scientific Name	Common Name	NFY	NFY Recorder	NFY Date	(sort NFY dates)	NFY Location	NFY Source	Source (Other)	NFY Validity	ID	NFY	Sort BF No.
70.342.BF3058		Chloroclystus v-nata	V Pug	Yes	Dave Newcomber	07 April 2026	20260407	Belper	Record		Accepted	2292	2026	701420
72.021.BF2063		Diophanes mendica	Muslin Moth	Yes	Ann Wood / Richard Pittam	07 April 2026	20260407	Sandstone / Chelaston	Record		Accepted	3754	2026	702220
73.107.BF2300		Mamestra maera	Old Lady	Yes	Dave Evans	07 April 2026	20260407	Belper	DMFG		Accepted	4447	2026	721031
76.004.BF2078		Wala confusalis	Least Black Arches	Yes	Tony Davison	07 April 2026	20260407	Melbourne	Record		Accepted	3771	2026	740040
71.011.BF3025		Onymia ruficornis	Lunar Marble Brown	Yes	Dave Evans	06 April 2026	20260406	Belper	Record		Accepted	3631	2026	701010
68.001.BF1643		Saturnia pavonia	Empress Moth	Yes	Orridge, Steve	04 April 2026	20260404	Combe Moss	Record		Accepted	3522	2026	690010
70.251.BF1926		Menophra abruptaria	Waved Umber	Yes	Evans, Dave	01 April 2026	20260401	Belper	Record		Accepted	3323	2026	702930
70.152.BF1983		Eupithecia dottonata	Oak-rose Pug	Yes	Radford, Mark	31 March 2026	20260331	Staveley garden SYA	Record		Accepted	21454	2026	701970
66.001.BF1649		Falcaria lacertivora	Scalpeded Hawk-tip	Yes	Evans, Dave	30 March 2026	20260330	Belper	Record		Accepted	1827	2026	650010
70.123.BF1790		Trichopteryx carpinata	The Tissue	Yes	Morris, Sid / Morris, Sid	23 March 2026	20260323	Creswick Tunnel, Monroo Trail, Derbyshire (Lilham Tunnel Mansel Trail Derbyshire)	Record		Accepted	21426	2026	701230
70.778.BF2019		Selenia tetralunaria	Russet Thorn	Yes	Evans, Dave	23 March 2026	20260323	Belper	Record		Accepted	3240	2026	702380
73.243.BF2183		Orthesia mnissa	Blossom Underwing	Yes	Roome, Martin	23 March 2026	20260323	Chaddesden, derby	Record		Accepted	36081	2026	732430
70.002.BF1563		Andricia derivata	The Streamer	Yes	Evans, Dave	22 March 2026	20260322		Record		Accepted	2203	2026	700870
70.200.BF1981		Trichopteryx carpinata	Early Tooth-striped	Yes	Evans, Dave	18 March 2026	20260318		Record		Accepted	3109	2026	702020
70.302.BF2290		Lampropteryx sulfumata	Water Carpet	Yes	Ashton, Clive / Evans, Dave	17 March 2026	20260317	Carington water / Belper	Record		Accepted	2206	2026	701030
73.242.BF2196		Orthesia gracilis	Powdered Quaker	Yes	Evans, Dave	17 March 2026	20260317	Belper	Record		Accepted	4093	2026	732420
66.001.BF1647		Leucophaea aequalis	Oak Eggar	Yes	Lehrhinton	14 March 2026	20260314	Helffinglough, Buxton SK89, UK	Record		Accepted	21219	2026	660010
70.006.BF1791		Chloroclystus v-nata	Autumn Green Carpet	Yes	Ashton, Clive	11 March 2026	20260311	hallowell middleton	Record		Accepted	7166	2026	702060

There is a similar table below for all Micro moths.

Micro Moths NFY (New for Year) 2026

Checklist No.	Image	Scientific Name	Common Name	NFY	NFY Recorder	NFY Date	(sort NFY dates)	NFY Location	NFY Source	Source (Other)	NFY Validity	ID	NFY	Sort BF No.
37.005.BF490		Coleophora luteipennella	Oak Case-bearer	Yes	Graham Finch	02 January 2026	20260102	Calke Park	DMFG		Accepted	67909	2026	370050
37.007.BF492		Coleophora flavipennella	Yellow Oak Case-bearer	Yes	Graham Finch	02 January 2026	20260102	Calke Park	DMFG		Accepted	67919	2026	370070
11.009.BF365		Luffia lapidella	Ramshorn Bagworm	Yes	Soar, Will	04 January 2026	20260104	Willington	Record		Accepted	81076	2026	110090
49.039.BF398		Epiplatys postvittana	Light Brown Apple Moth	Yes	Sherrill, Andrew	05 January 2026	20260105	Ingleby Avenue, Derby	Record		Accepted	27567	2026	490390
10.053.BF312a		Phyllonorycter leucographella	Firethorn Leaf-miner	Yes	Radford, Mark	08 January 2026	20260108	Staveley garden SYA	Record		Accepted	26125	2026	100530
15.000.BF339		Phyllonorycter ulmicolella	Gerse Leaf-miner	Yes	Radford, Mark	08 January 2026	20260108	Markham North Tip	Record		Accepted	67453	2026	150000
49.275.BF1224		Pammene rogiana	Regal Piecer	Yes	Graham Finch	08 January 2026	20260108	Calke Park	DMFG		Accepted	34755	2026	492750
17.011.BF461		Ypsolopha ustella	Varied Ochre	Yes	Maughan, Christine	11 January 2026	20260111	Mickleover garden	Record		Accepted	67543	2026	170110
49.188.BF1997		Endothenia geraniaseana	Tessel Marble	Yes	Radford, Mark	12 January 2026	20260112	Markham Vale South Tip	Record		Accepted	69821	2026	491880
49.188.BF2099		Endothenia marginana	Bordered Marble	Yes	Mark Radford	12 January 2026	20260112	Markham Vale	DMFG		Accepted	35093	2026	491880
4.048.BF350		Stigmella aurella	Golden Dot	Yes	Mella, Pete	16 January 2026	20260116	Graves Park	Record		Accepted	31620	2026	40450

The sort order for both tables defaults to Ascending NFY Date, so the earliest moth is shown at the top. The user can change the sorting as required – one caveat, is that to sort on the date column use the ‘sort nfy dates’ column to do it correctly. For example – a sort on Common Names...

Checklist No.	Image	Scientific Name	Common Name	NFY	NFY Recorder	NFY Date	(sort NFY dates)	NFY Location	NFY Source	Source (Other)	NFY Validity	ID	NFY	Sort BF No.
73.113.BF2306		Phlogothra metulosa	Angle Shades	Yes	Radford, Mark	26 January 2026	20260126	Renishaw	Record		Accepted	4471	2026	731130
70.098.BF1781		Chloroclystus v-nata	Autumn Green Carpet	Yes	Ashton, Clive	11 March 2026	20260311	hallowell middleton	Record		Accepted	7166	2026	700980
73.243.BF2183		Orthesia mnissa	Blossom Underwing	Yes	Martin Roome	23 March 2026	20260323	Chaddesden	DMFG		Accepted	36081	2026	732430
70.248.BF1807		Lycia hirtaria	Bristled Beauty	Yes	Evans, Dave	03 March 2026	20260303	Belper	Record		Accepted	3287	2026	702480

This NFY page will be maintained through the year.



As the records start to come into the Derbyshire Moths Database, as verified and approved, then the NFY data may change – some moths may drop off the list, due to an earlier record being discovered, or just because they have not been verified and rejected as a valid record for VC57/Derbyshire.

To see the very latest records of First and Latest Moths in Derbyshire for the current year, you need to view the First and Latest Records from the menu



This is a similar list to the NFY, but shows the very latest imported records along with any which appeared/were recorded on the same day as each other.

Annual First/Latest Moth Records (based on most recent data import)

Total Records Retrieved for 2026: 93 | Unique (by Taxon + Date): 81 | Macro Records: 54 (Unique: 44) | Micro Records: 39 (Unique: 37)

[Jump to Micro Moths Table ↓](#)

Macro Records

Checklist No.	Taxon	Common Name	First Date	FD (sort)	Latest Date	LD (sort)	Site	Tetrad	Count	Stage	Sort Number
70.253 BF1924	<i>Agrotis leucophaea</i>	Spring Usher	12 Jan 2026	20260112	24 Feb 2026	20260224	Sandacre Garden	SK45T	1	adult	702530
70.253 BF1931	<i>Agrotis leucophaea</i>	Spring Usher	12 Jan 2026	20260112	24 Feb 2026	20260224	Sandacre Garden	SK45T	1	adult	702530
73.198 BF2208	<i>Comina vernalis</i>	Chestnut	12 Jan 2026	20260112	17 Mar 2026	20260317	Ilkeston, Derbyshire	SK44K	1	adult	731940
70.247 BF1926	<i>Phigalia plebeia</i>	Pale Brindled Beauty	13 Jan 2026	20260113	17 Mar 2026	20260317	Allestree, Derby	SK33P	1	adult	702470
70.292 BF1950	<i>Theris prima</i>	Early Moth	22 Jan 2026	20260122	08 Feb 2026	20260108	Siffin Moor Wetlands	SK39Q	3	adult	702820
72.001 BF2469	<i>Scotiopteryx libatrix</i>	The Herald	24 Jan 2026	20260124	20 Mar 2026	20260320	Cresbrook Tunnel - Monnal Trail, Derbyshire	SK37B	3	adult	720010
72.001 BF2469	<i>Scotiopteryx libatrix</i>	The Herald	24 Jan 2026	20260124	20 Mar 2026	20260320	Lifton Tunnel - Monnal Trail, Derbyshire	SK37B	1	adult	720010
72.001 BF2469	<i>Scotiopteryx libatrix</i>	The Herald	24 Jan 2026	20260124	20 Mar 2026	20260320	Lifton Tunnel - Monnal Trail, Derbyshire	SK37B	1	adult	720010
72.045 BF2050	<i>Eilema luteoleis</i>	Common Footman	24 Jan 2026	20260124	28 Jan 2026	20260128	Earl Sterndale, Derbyshire	SK06F	1	larva	720450

As before there is a Micro table

Micro Records

Checklist No.	Taxon	Common Name	First Date	FD (sort)	Latest Date	LD (sort)	Site	Tetrad	Count	Stage	Sort Number
11.009 BF1365	<i>Luffa lapidella</i>	Ramshorn Broomworm	04 Jan 2026	20260104	09 Mar 2026	20260309	Wilmington	SK22Y	1	not recorded	110090
49.029 BF3088	<i>Eppiphyas postvittana</i>	Light Brown Apple Moth	05 Jan 2026	20260105	20 Mar 2026	20260320	Ingleby Avenue, Derby	SK33L	1	adult	490390
10.052 BF332a	<i>Phylonorctes leucographella</i>	Firehorn Leaf-miner	08 Jan 2026	20260108	13 Mar 2026	20260113	Staveley garden SYA	SK47H	250	mine	100520
10.050 BF332b	<i>Phylonorctes ulmicolella</i>	Goose Leaf-miner	08 Jan 2026	20260108	29 Jan 2026	20260129	Markham North Tip	SK47L	10	mine	100500
12.011 BF681	<i>Ypsolopha ustulata</i>	Velvet Ditch	11 Jan 2026	20260111	08 Mar 2026	20260308	Mickleover garden	SK33C	2	adult	120110

Also, present is the ability to sort on all columns as required.

A process to synchronise the NFY with the First and Latest Records tables has been created, so that after every data upload to the website, records are assessed in the NFY table, relative to the latest information – this automation saves Admin a considerable effort.

Any moths on the NFY which never get records from and update, because the finder has not entered their records, or they do not use the iRecord system, will stay as they are on the NFY, under the discretion of the Admin in conjunction with the Derbyshire Moths Recording Team’s findings.

2. IMAGE COLLECTIONS

The website has a rapidly-growing collection of moth images and diagrams, collected from willing contributors. These are presented in a variety of ways.

Accessed from here



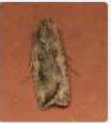







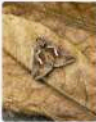






a. Latest Images

This is a collection of the most recent **15** images sent in or collected from moth'ers, collated into Macro moths, Micro moths and now also Leaf-mines.

Latest 15 Moth Images Uploaded or Received

Macro Micro Leaf Mines

 Merveille du Jour - <i>Gripposa aprillina</i> - 17th Oct 2025 Cromford Clive Ashton View Datasheet...	 Clifden Nonpareil - <i>Catocala fraxini</i> - 14th Oct 2025 Belper Dave Newcombe View Datasheet...	 Pearly Underwing - <i>Peridroma saucia</i> - 7th October 2025 Hathersage Alan Kydd View Datasheet...	 Dusky-lemon Sallow - <i>Cirrha gilvago</i> - 5th October 2025 Flinders Brian Hallam View Datasheet...	 Brindled Ochre - <i>Desypolia templi</i> - 29th Sept 2025 Gnat Hole, Glossop Christian Heintzen View Datasheet...	 The Vestal - <i>Rhodometra sacraia</i> - Vestal 5th Sept 2025 Staunton Harold Res Margaret McLoughlin View Datasheet...
 Clifden Nonpareil - <i>Catocala fraxini</i> - 11th Sept 2025 North Wingfield Shane Harper View Datasheet...	 Dark Spectacle - <i>Abrostola triplasia</i> - 21st August 2025 Melbourne Tony Davison View Datasheet...	 Ni Moth - <i>Trichoplusia ni</i> - 20th August 2025 Cromford Clive Ashton View Datasheet...	 Ni Moth - <i>Trichoplusia ni</i> - 15th August 2025 Allestree Stephen Plant View Datasheet...	 Dewick's Plusia - <i>Macdunnoughia confusa</i> - 3rd August 2025 Cromford Clive Ashton View Datasheet...	 Gypsy Moth - <i>Lymantria dispar</i> - 1st August 2025 Littleover Adrian Watson View Datasheet...
 Small Mottled Willow - <i>Spodoptera exigua</i> - 27th July 2025 Kings Newton Tony Davison View Datasheet...	 The Tissue - <i>Triphosa dubitata</i> - Tissue 23rd July 2025 Torside, Longendale Christian Heintzen View Datasheet...	 Light Knot Grass - <i>Acronicta menyanthidis</i> - 23rd July 2025 Torside, Glossop Christian Heintzen View Datasheet...			

Clicking an image will open it up to full available size on the screen and display the metadata behind the image – name, date, contributor, etc.

The images can then be scrolled through full size using the arrows to the left and right of the image.

In the main page list, clicking the blue link '[View Data-sheet.](#)' Will load up the master moth page data-sheet, where you can see the moth record and also any other images presented on its record.



b. IMAGE GALLERIES

Click this menu to see the full moth image gallery for all moths, both macro and micro, sorted in order of Family name, then by Checklist Number...



Depending on whether you select Macro or Micro, you will be taken to the respective image gallery.

Feel free to scroll down to find your moth and click to see its record, as required.

Macro Moths Image Gallery

Hepialidae



3.001 BF0015 –
Orange Swift –
Triodia sylvina



3.001 BF0015 –
Orange Swift –
Triodia sylvina



3.001 BF0015 –
Orange Swift –
Triodia sylvina



3.002 BF0017 –
Common Swift
–
*Korscheltellus
lupulina*



3.002 BF0017 –
Common Swift
–
*Korscheltellus
lupulina*



3.002 BF0017 –
Common Swift
–
*Korscheltellus
lupulina*

Micro Moths Image Gallery

Micropterigidae



1.005 BF5 –
*Micropterix
calthella* – Plain
Pollen Moth

Eriocraniidae

No images in gallery for this family.

Leaf Mines Image Gallery

Eriocraniidae



2.007 BF13 –
Large Spring
Jewel –
*Eriocrania
semipurpurella*



2.007 BF13 –
Large Spring
Jewel –
*Eriocrania
semipurpurella*



2.007 BF13 –
Large Spring
Jewel –
*Eriocrania
semipurpurella*



c. Master Moth Page/Data-sheet Gallery

From any master page, you can see a sub-collection of images and diagrams, relating specifically to individual moths.

For example,

50.002 BF0161 – Cossidae – Zeuzerinae – Zeuzera pyrina – Leopard Moth – (Linnaeus,1761)
Adult Macro: CAT 1 – click for Adult Macro Verification Guidelines

● – Rare / Uncommon / Scarce

Details Additional Information Recorded History

Taxonomy: [Macro](#) >> [Cossidae](#) >> [Zeuzerinae](#)
ID Difficulty: – easy to identify, generally distinctive and unlikely to be confused with other species.
ID pointers: The moth is diagnostic, having two rows of three black spots on a big white furry thorax. The wings are delicate almost transparent, white and covered in black, dalmatian like spots. male has comb-like antennae.
Distribution: A scarce species that is widely distributed throughout Derbyshire, apart from the extreme north and northwest of the county. Normally recored in ones or twos, rarely in numbers.
General Comment: None
Flight Period: June / July / August / September – On the wing June – September.
Photographed: Yes – **Photographed By:** Tony Davison © All Rights Reserved
*** Last updated on 2 October 2025 by RP ***
[Send Moth Page Feedback](#)

Selected Images: Melbourne – Images by Tony Davison ©


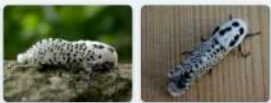


Image Gallery



The ‘Selected Images’ are specifically chosen to be the best images for the moth or, possibly the most diagnostic images, representing it’s features.

The ‘Image Gallery’, is another sub-set of images, chosen to be viewable from the master moth gallery. The images are limited to a few, so as not to take up too much page space and to allow you to browse the moth record without hinderance of too many images.

NOTE - ALL images of the moth are visible from the main moth Gallery, discussed in b. above.

NOTE – ALL images remain the copyright of their owner at all times.



3. VISUALISING MOTH DATA

Visualise/Analyse ▾	Moths
Maps	>
Charts	>
Tables	>
Analysis	>
Trending	>

This menu cluster allows you to access the visual world of moths and their data.

- Maps – look into where moths have been trapped and when.
- Charts – view recorded finds, numbers, trends, moth family presence and gaps in data as well as finds.
- Tables – showing lists of moths, their families and data showing when they have been recorded
- Analysis – this is currently being reviewed
- Trending – a series of charts and graphs to show top 20 recorders, top taxons, etc.

a. Maps

Maps	>	Distribution	>
Charts	>	Taxa (Species) Density	>
Tables	>	Shannon Diversity And Evenness Indexes	>

i. Distribution and Location

All Moths
Macro
Micro
Macro – Micro Comparison
By Family Name
By Species
Find Moth Records By Location

From this menu you can view the whole map of Derbyshire/VC57, showing both County and VC57 boundaries, along with thematic layers showing Bedrock Geology, which has an impact on vegetation, which in turn has an impact of moth food plants, so is an important indicator for many moth species.

There is also a land-use layer, showing type of land-cover, e.g. Woodland, water, industrial, housing, etc.

All moths – view every [ratified] moth record we have in our database.

Macro - View only Macro moths / **Micro** – View only Micro Moths

Macro/Micro Comparison – Look side by side to see the distribution of both taxonomy types.

By Species name [scientific or common]

By Family Names – View distribution by selected moth Family – **Noctuidae**

The following pages will show a series of maps from the menu selection and try to explain what data is available and to try and interpret what we are trying to show for you.



Please note that the records are presented to our best ability and that your latest moth 'dot' may not show, as the uploads are only done on a monthly basis and even then, verification is a time-consuming and voluntary process, so it all takes time. Also, individual dots may not always show as there may be many records over the same area, so interpretation is required – this also protects trapping areas, which are usually gardens – in this respect, the max zoom of the maps has been limited to not allow too detailed a view of addresses.

The top section of every map shows the number of moth records found within the category you are viewing, so for ALL moths, you will see a count of records across the board, as the latest update shows. It also shows the Tetrads coverage for the respective data sets being viewed, so you can see this as a real value [%], in conjunction with the visual fill and gap of the map.

Distribution Map for ALL Moths

From 514,343 records

Coverage: 675 of 752 tetrads with records (89.8%)

Underneath each map, there is also another series of riders, that give help to those viewing the maps and also try to explain what is being seen, any issues and how best to use the layering functionality – hopefully it is self-explanatory.

If the Map Layers function fails, just refresh the page and it should be OK after. Use the +/- zoom on the top left, or on a tablet, use two fingers to zoom. Remember, the last layer you ticked is the one which displays the popup information - they sit on top of each other - de-select then re-select, to see the popup values.

******* Choose ONLY one at a time, of either Monad, Tetrad or Hectad Distribution - each has it's own set of data. Also, the distribution maps cover ALL recorded data. *******

Bedrock Geology ** indirectly affects moth distribution by influencing the type of habitat and food plants available in an area. In turn, this may affect the types of moths that can thrive, or where they can most likely be found.



Distribution Map for ALL Moths

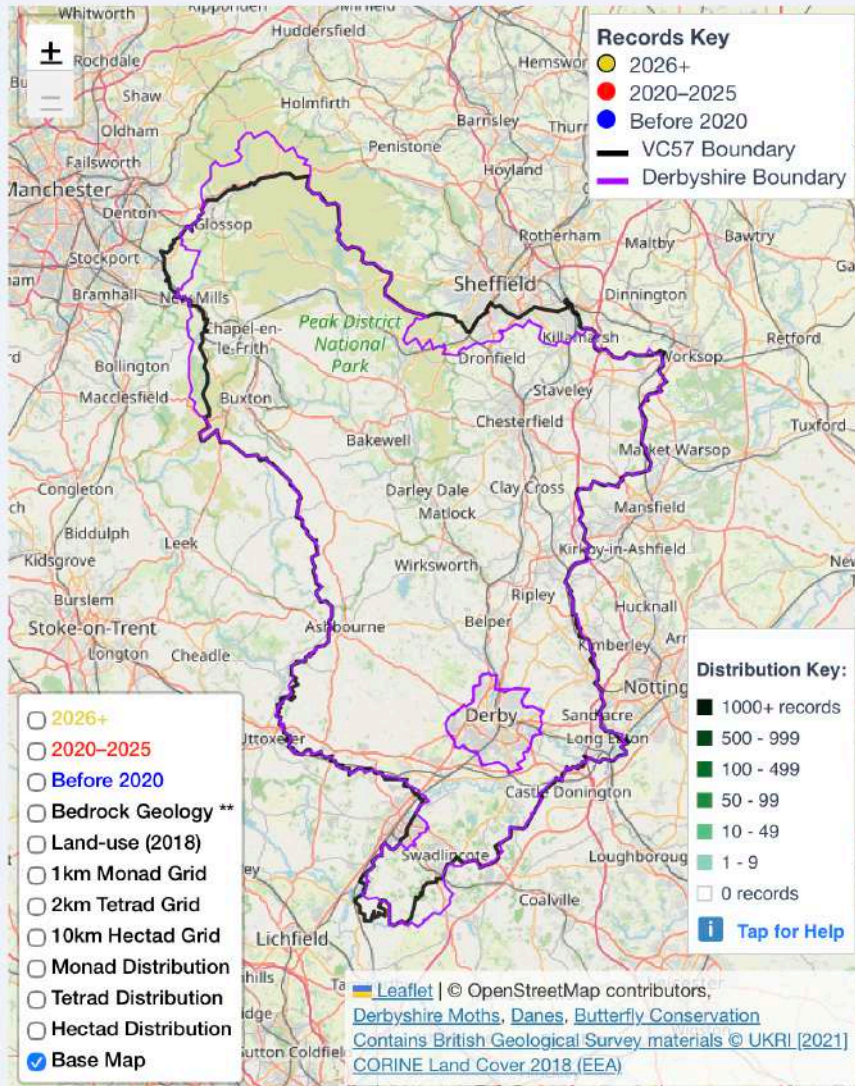
From 535,076 records

Coverage: 680 of 752 tetrads with records (90%)

↳ 917 from 2026

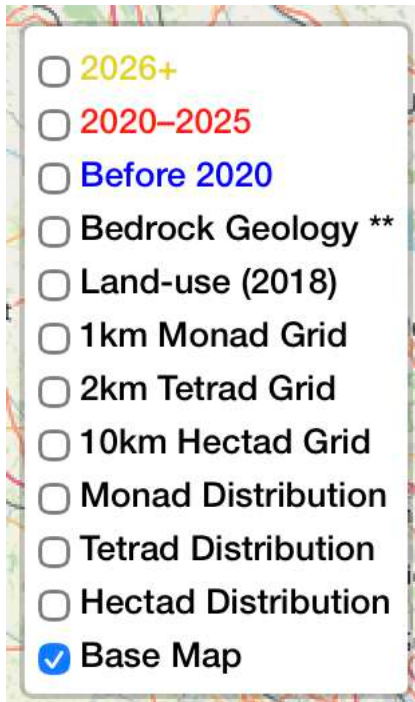
↳ 174,066 from 2020 - 2025

↳ 360,093 from Before 2020



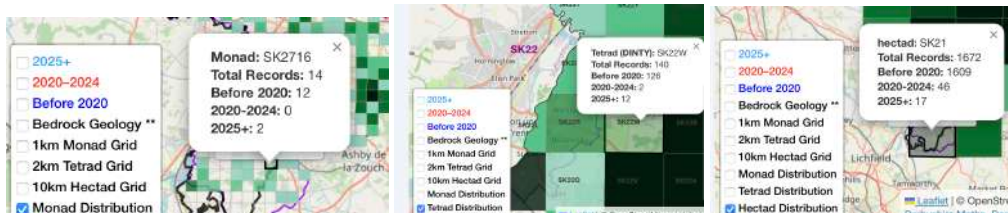
The default view just shows the map, the copyright attributions and the various boundaries – VC57 and Derbyshire Political boundary, including the Derby City Boundary. Initially NO data is shown here, so you, the user, can make your own selections, as required. NOTE – the Base Map can be hidden, if you want extra clarity, or for reporting purposes.

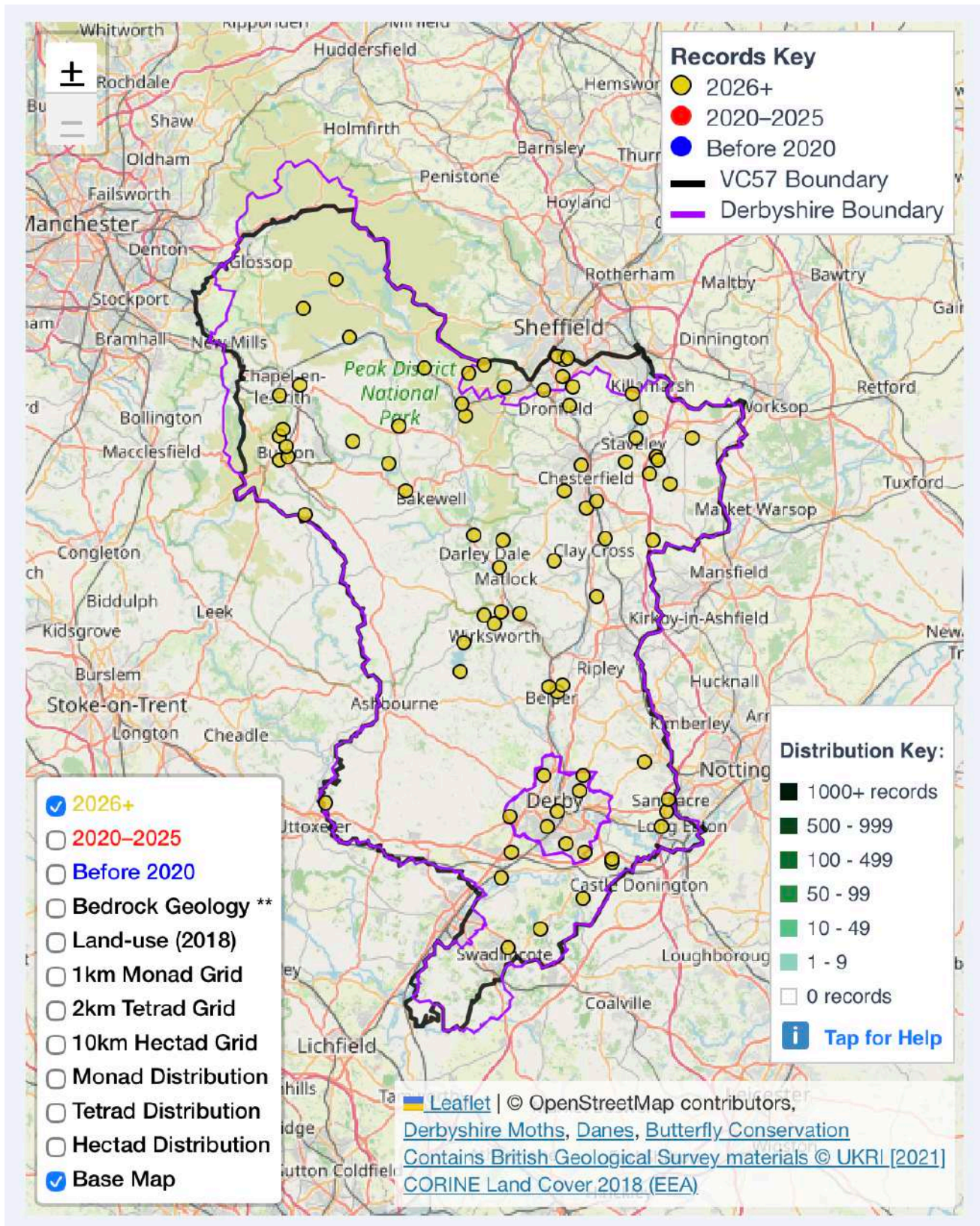
The following pages will show the various layers and datasets in action, with explanations.

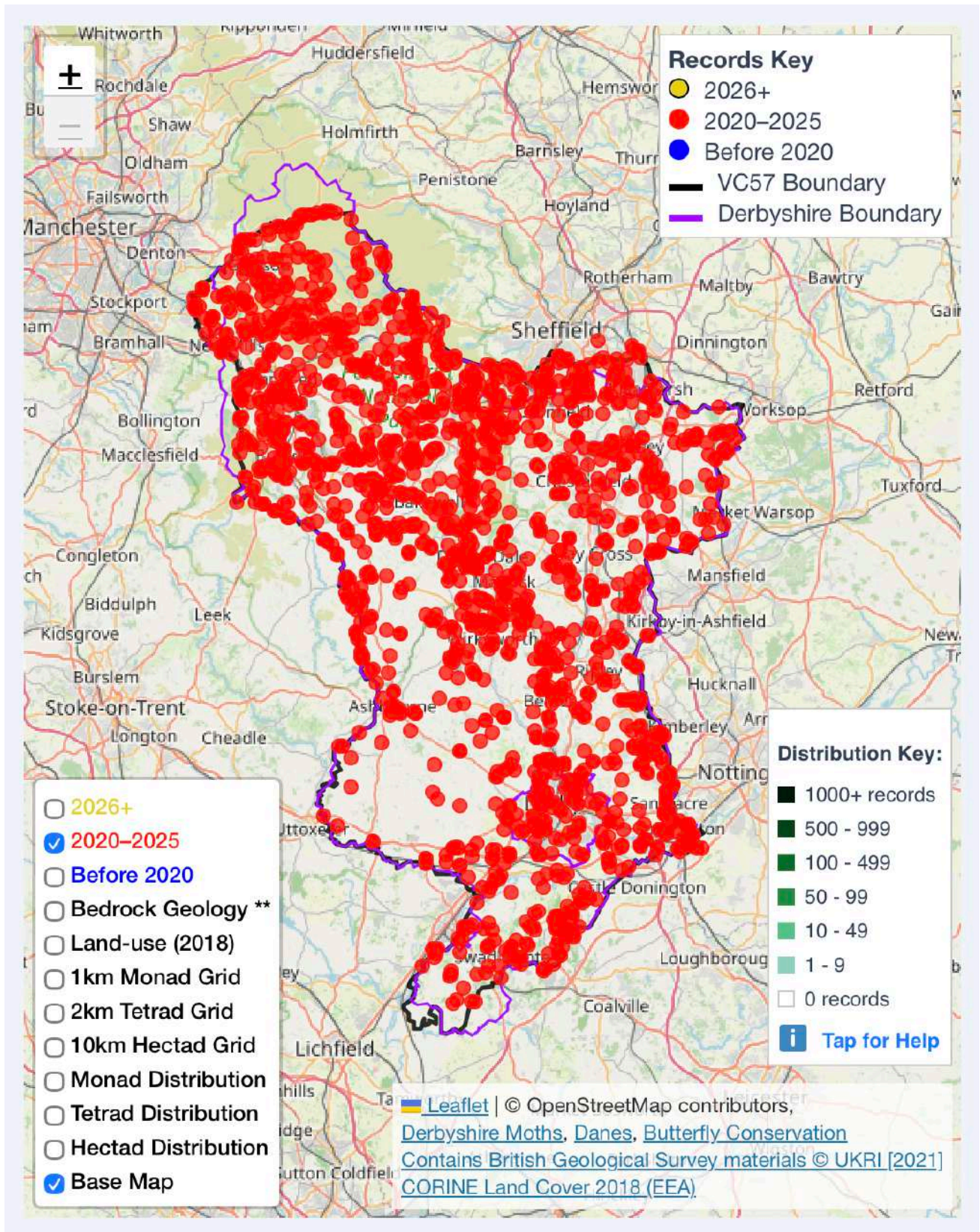


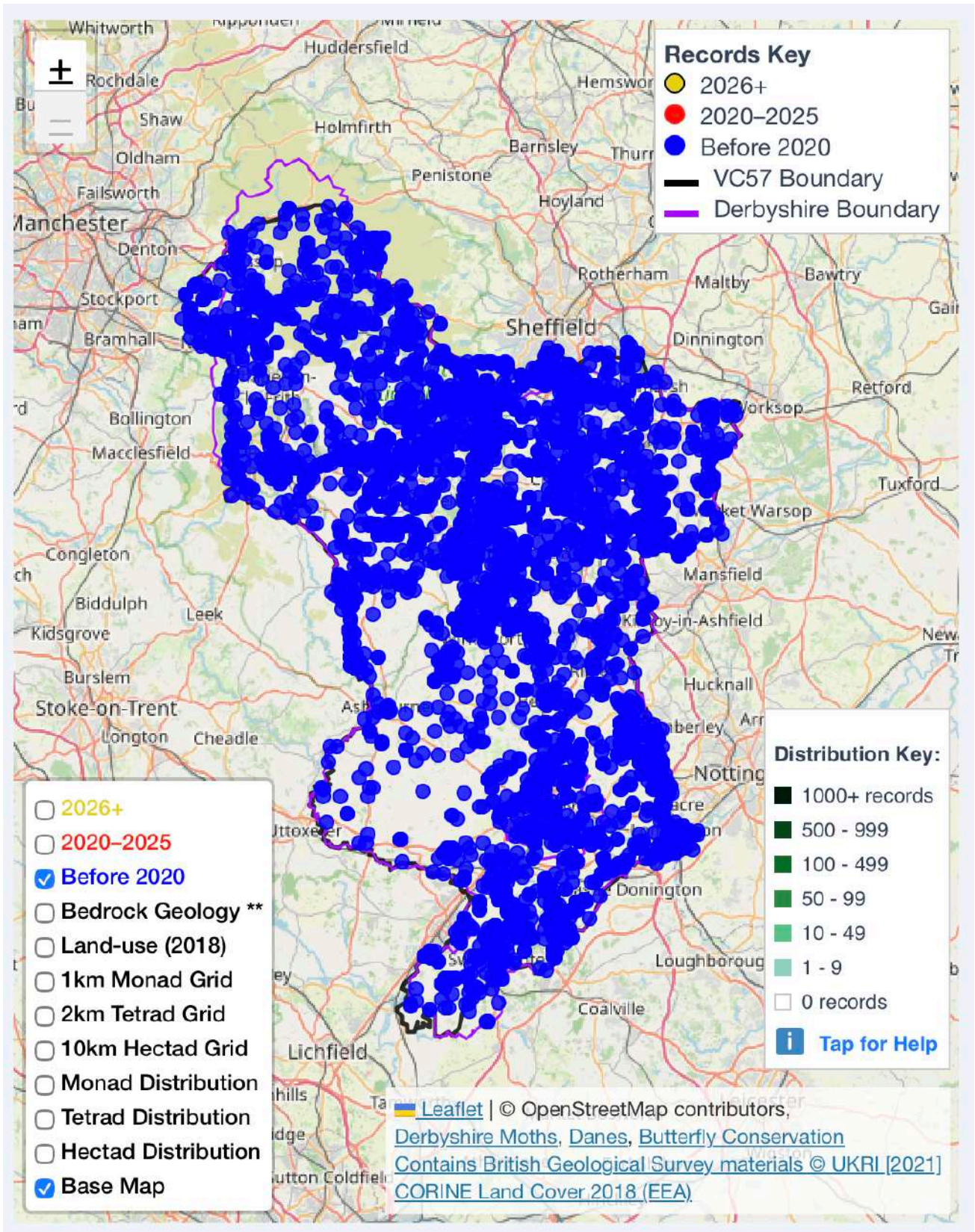
By clicking your mouse/pointer on the various/all dataset buttons on the bottom left key, you can 'switch-on' various year-range data.

- **2025+** - will show only those records in the database where moths have been identified on or after that year.
- **2020-2024** – will show on identified moth records from 2020 to 2024 inclusive.
- **Before 2020** – will show only moth records identified before 2020. It is worth noting here that some of these records for various moths go back to 1800.
- **Bedrock Geology** – will show a thematic data layer, showing the bedrock geology across the map, as a map, based on the 1:625k BGS Geology Polygon layer which is free. The overlay is a vector layer, meaning that it will scale up and down as you zoom in and out of the map – it has a low opacity, so will allow the base map to be visual underneath at the same time. It also has themes, which are coloured, representing the various bedrock geology layers for the areas you are looking at.
- **Land-use** – based on the EU CORINE – Copernicus project land-type survey data.
- **1km Monad Grid**- You can select to view a 1kmx1km annotated grid of the VC57 area
- **2km Tetrad Grid** – you can select to view a 2kmx2km annotated grid of the VC57 area.
- **10km Hectad Grid** – you can select to view a 10kmx10km annotated grid of the VC57 area.
- **Monad Distribution** – selecting this will display a colour-shaded thematic layer of 1kmx1km squares, which show the number of moth records [records not moth counts] in each square – clicking on a grid square brings up the total value and also shows the relative square reference. The Distribution Key on the right of the map space shows the value of each grid square, in a colour-shaded way – darker for higher, lighter for lower.
- **Tetrad Distribution** – selecting this will show a similar colour-shaded thematic layer, based on moth record counts in the respective 2kmx2km squares – uses the same shading key. NOTE – it is always best to de-select a layer, before selecting another, otherwise they may sit on top of each other and may not show clearly.
- **Hectad Distribution** – selecting this will show a similar colour-shaded grid for each of the 10kmx10km squares for the Hectad.
- **Note** – each Monad, Tetrad and Hectad will be shown, together with the year-record-counts as per the key.



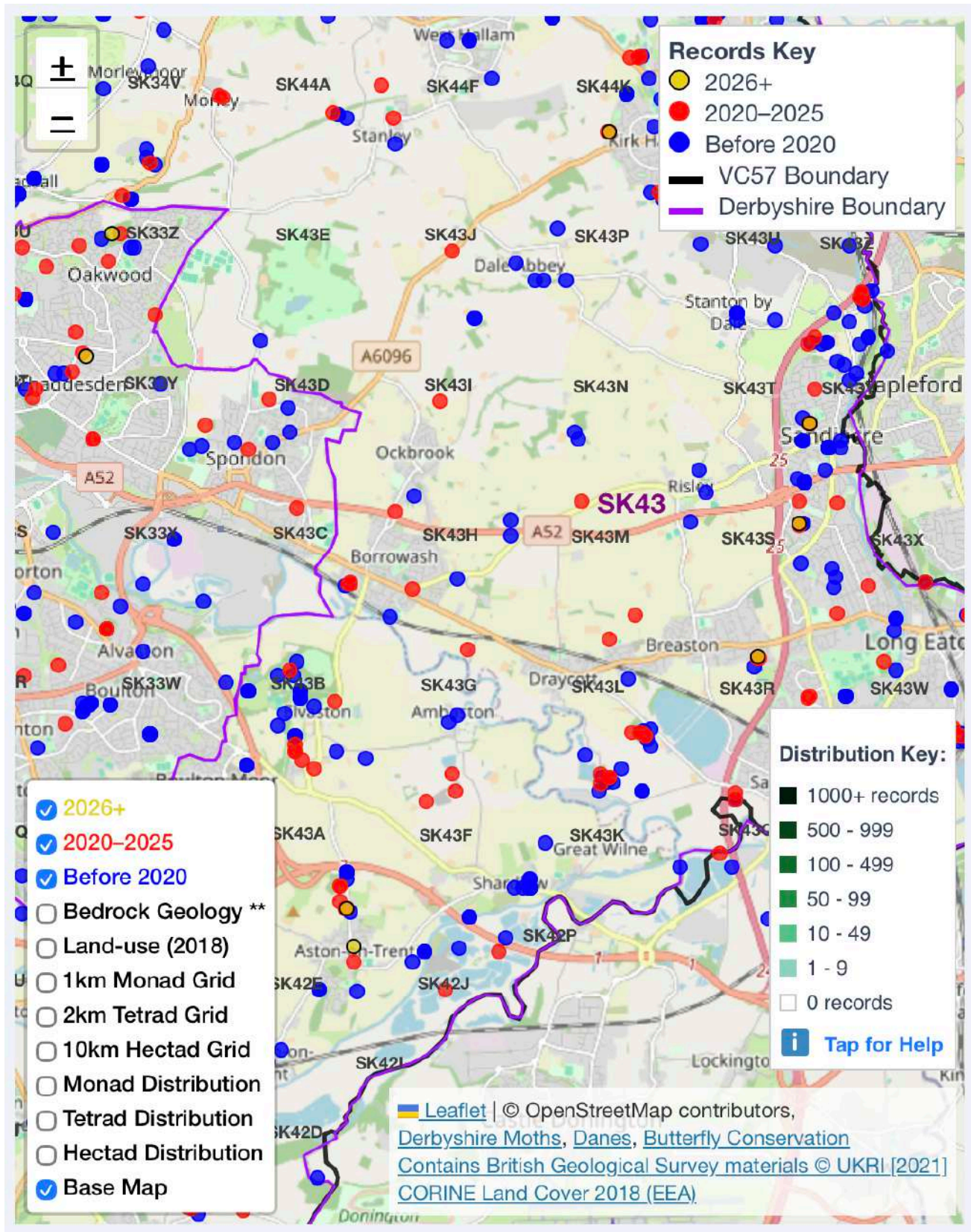






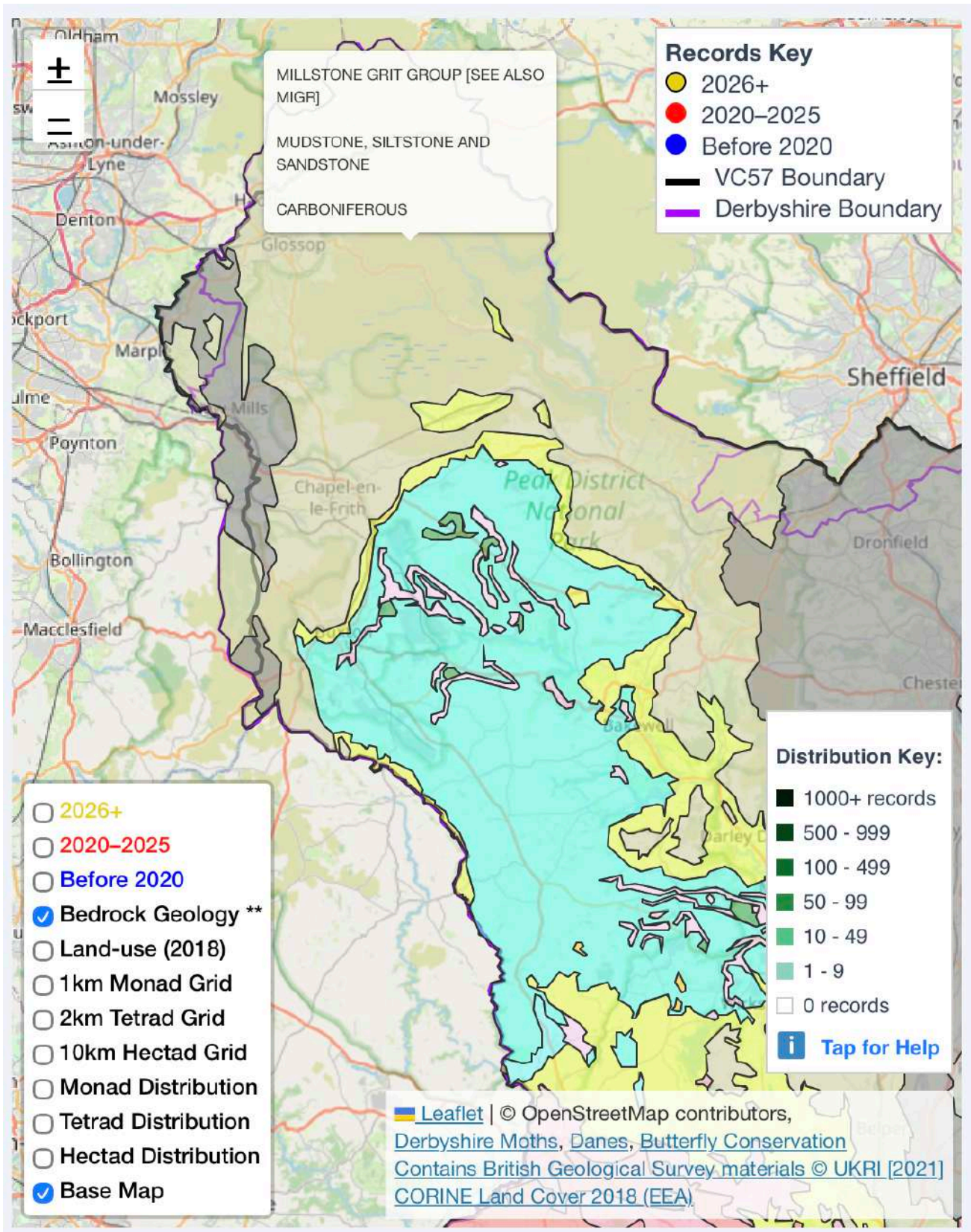


Zoomed-in area showing all 3 year-ranges simultaneously....



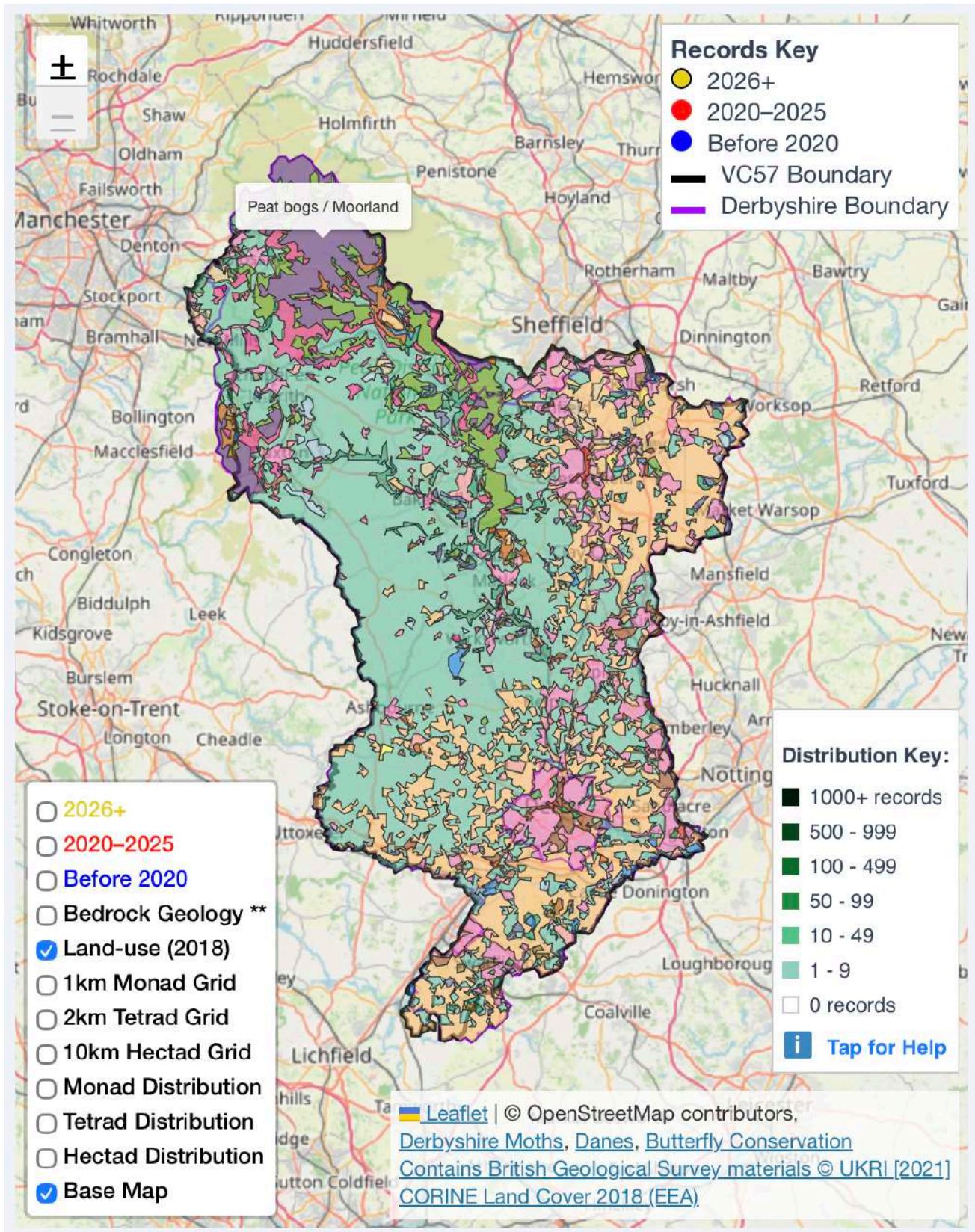


Zoomed in region showing 2025+ records together with the Bedrock Geology overlay...



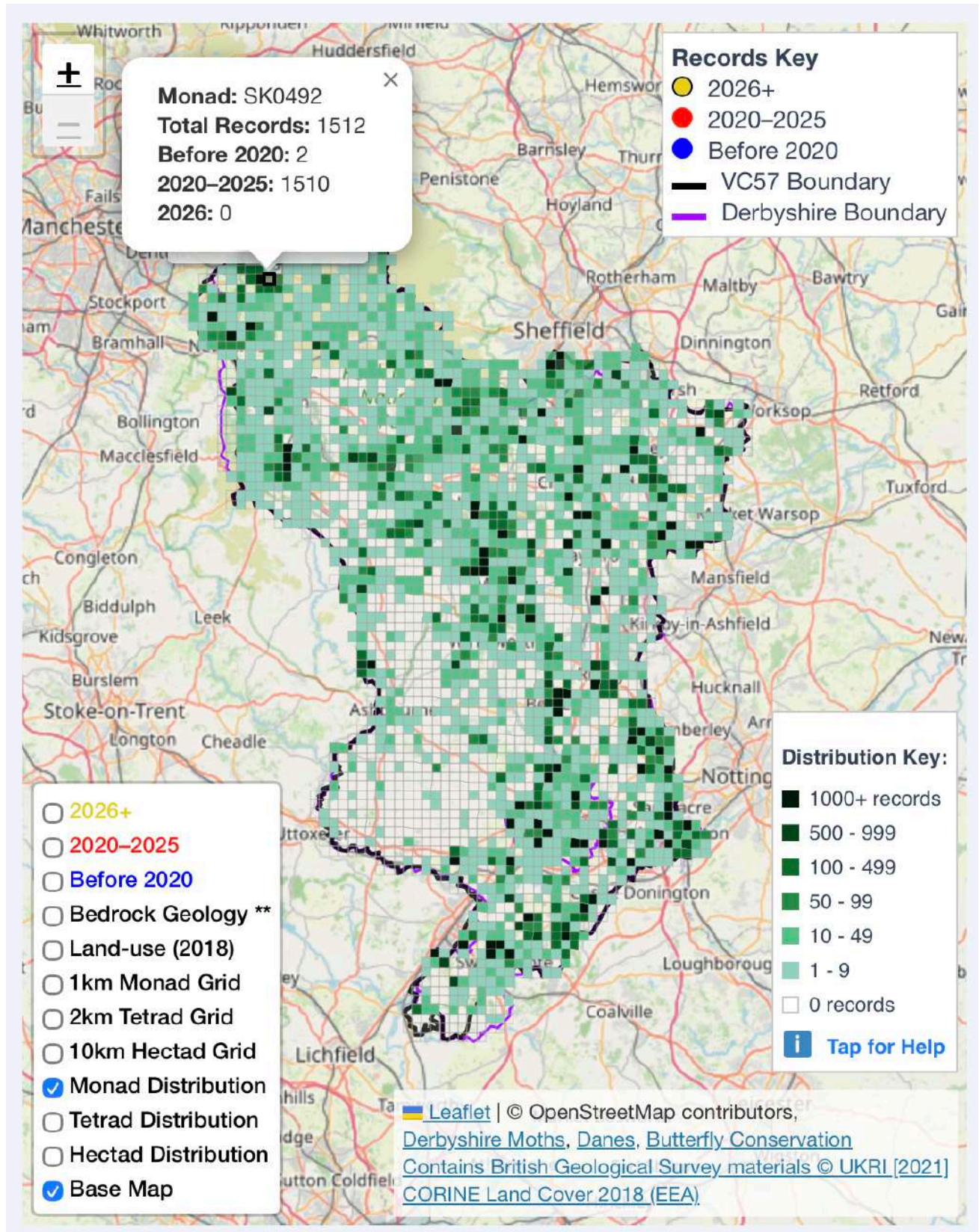


Showing CORINE Land-use overlay and types highlighted.



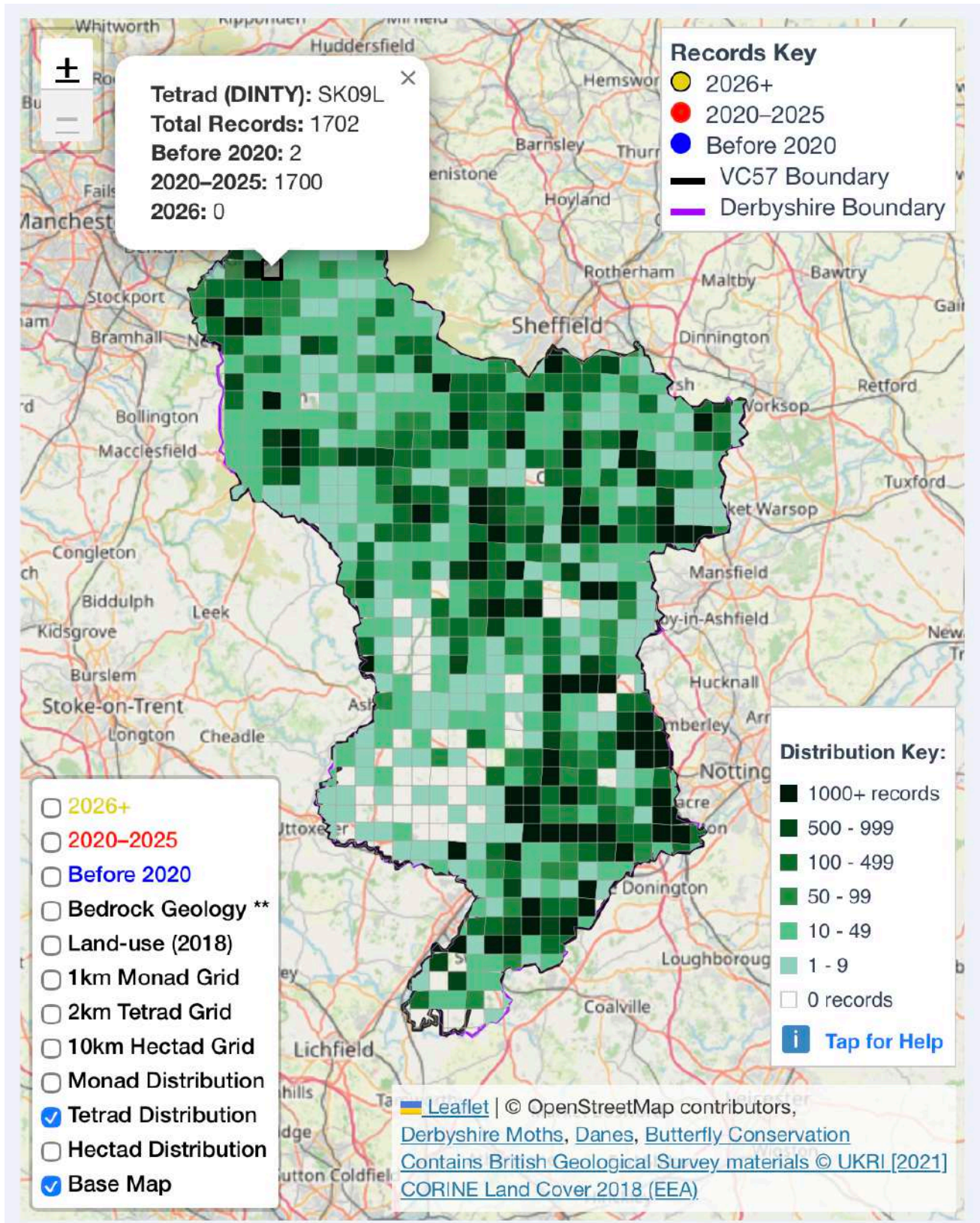


Monad Thematic Distribution...



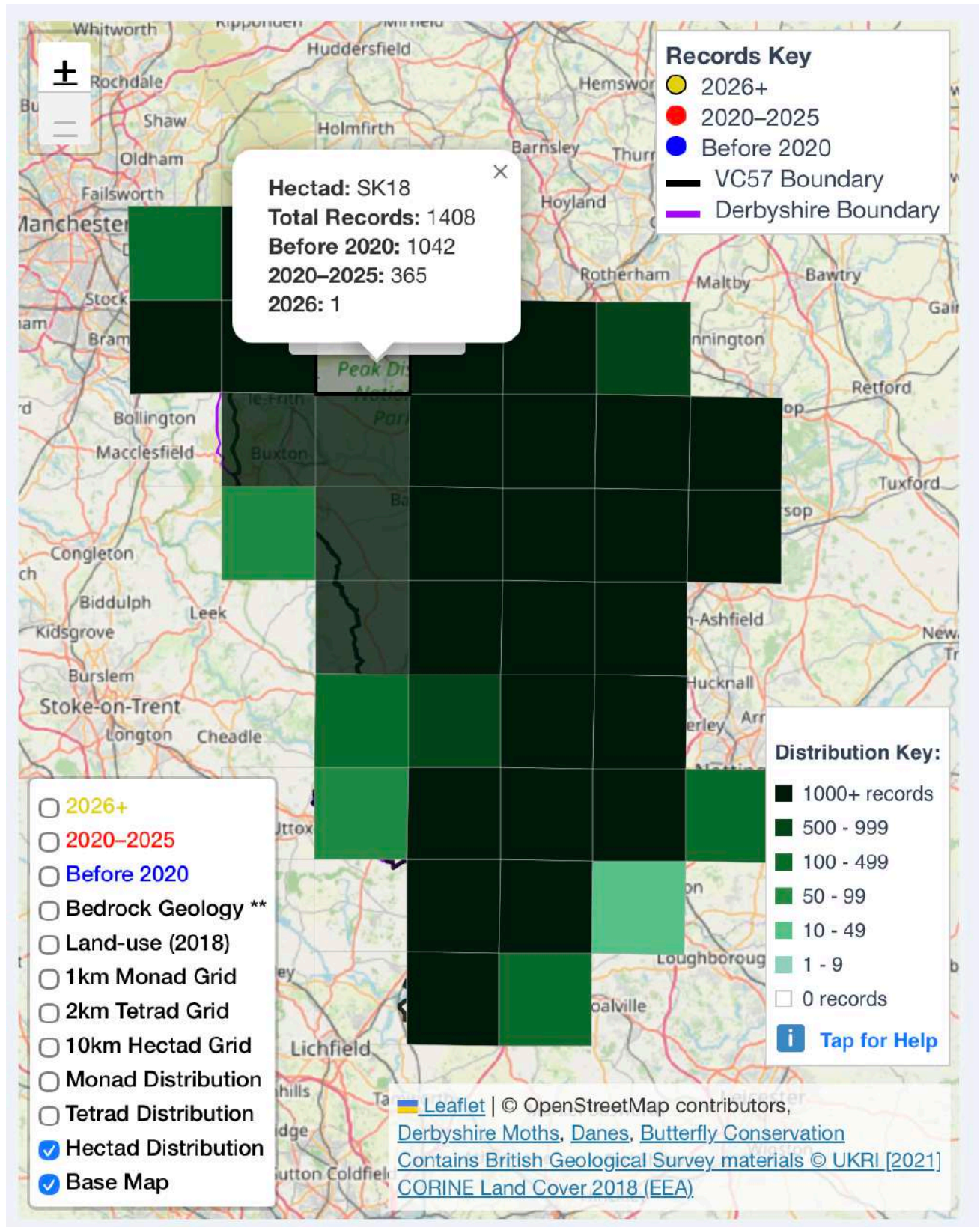


Tetrad Thematic Distribution....



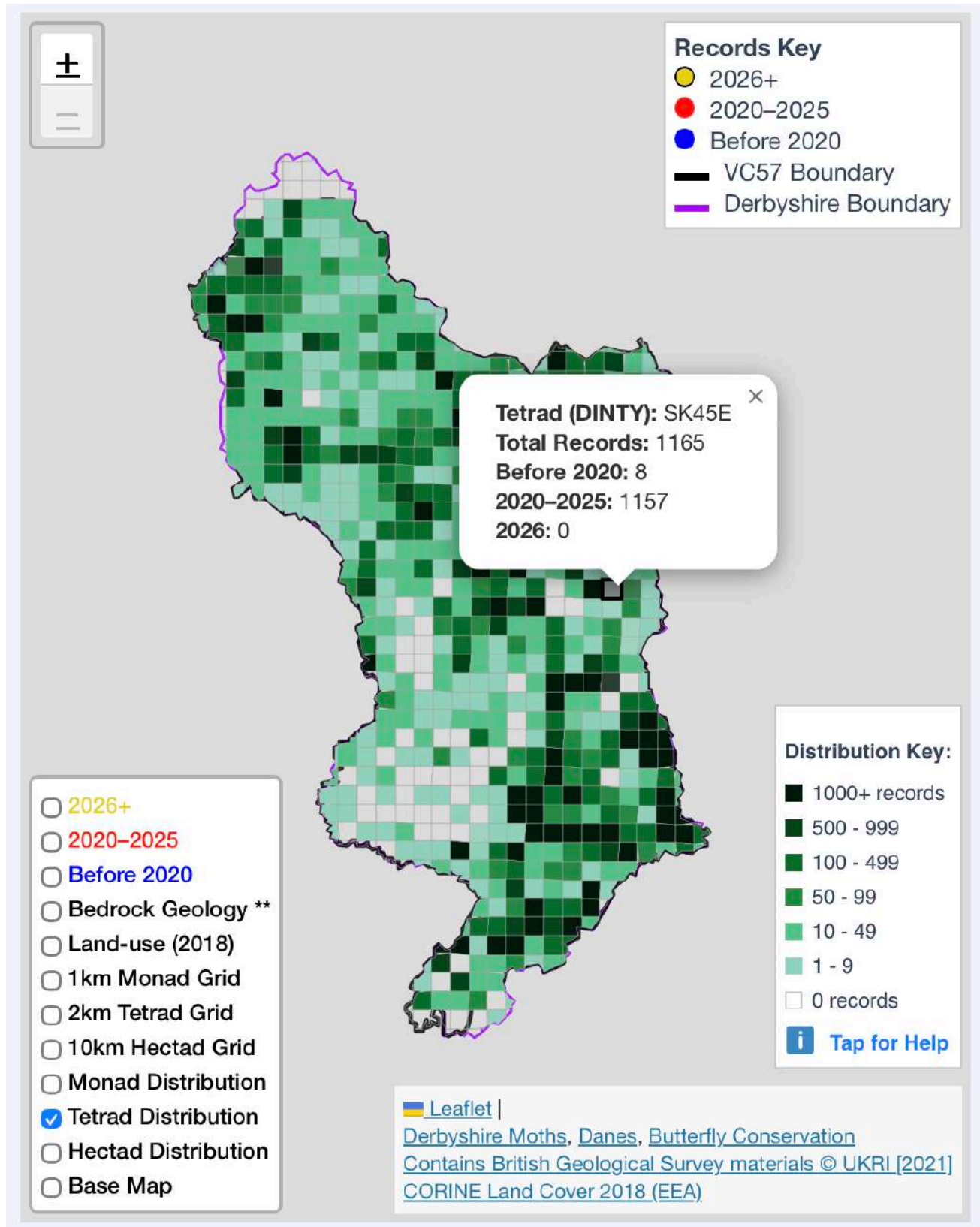


Hectad Thematic Distribution...



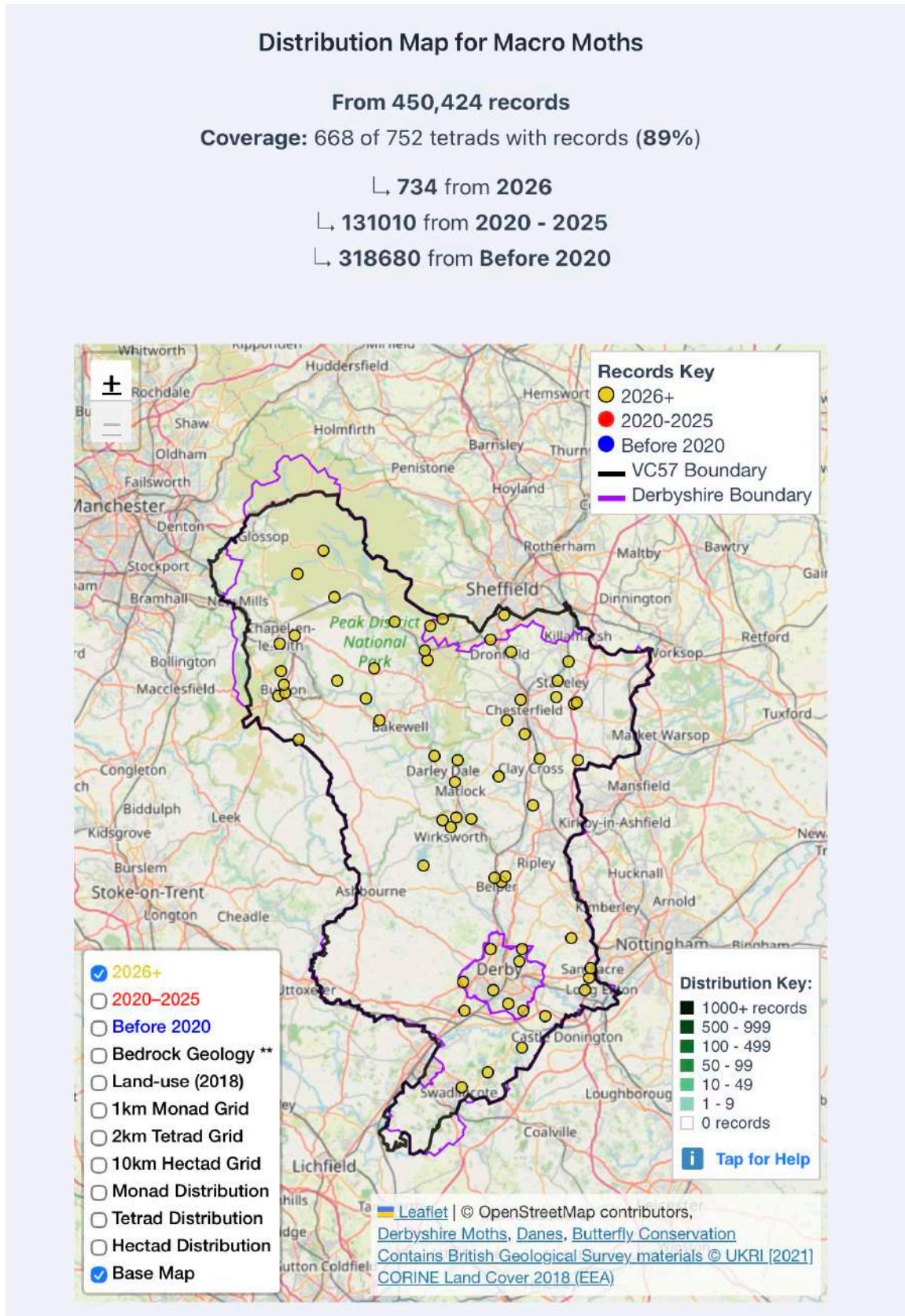


Basemap hidden showing the Tetrad Thematic Distribution and an example of a Tetrad square value





As above, these maps can also be viewed for just Macro Moths and Micro Moths, or as a comparison of both.





Distribution Map for Micro Moths

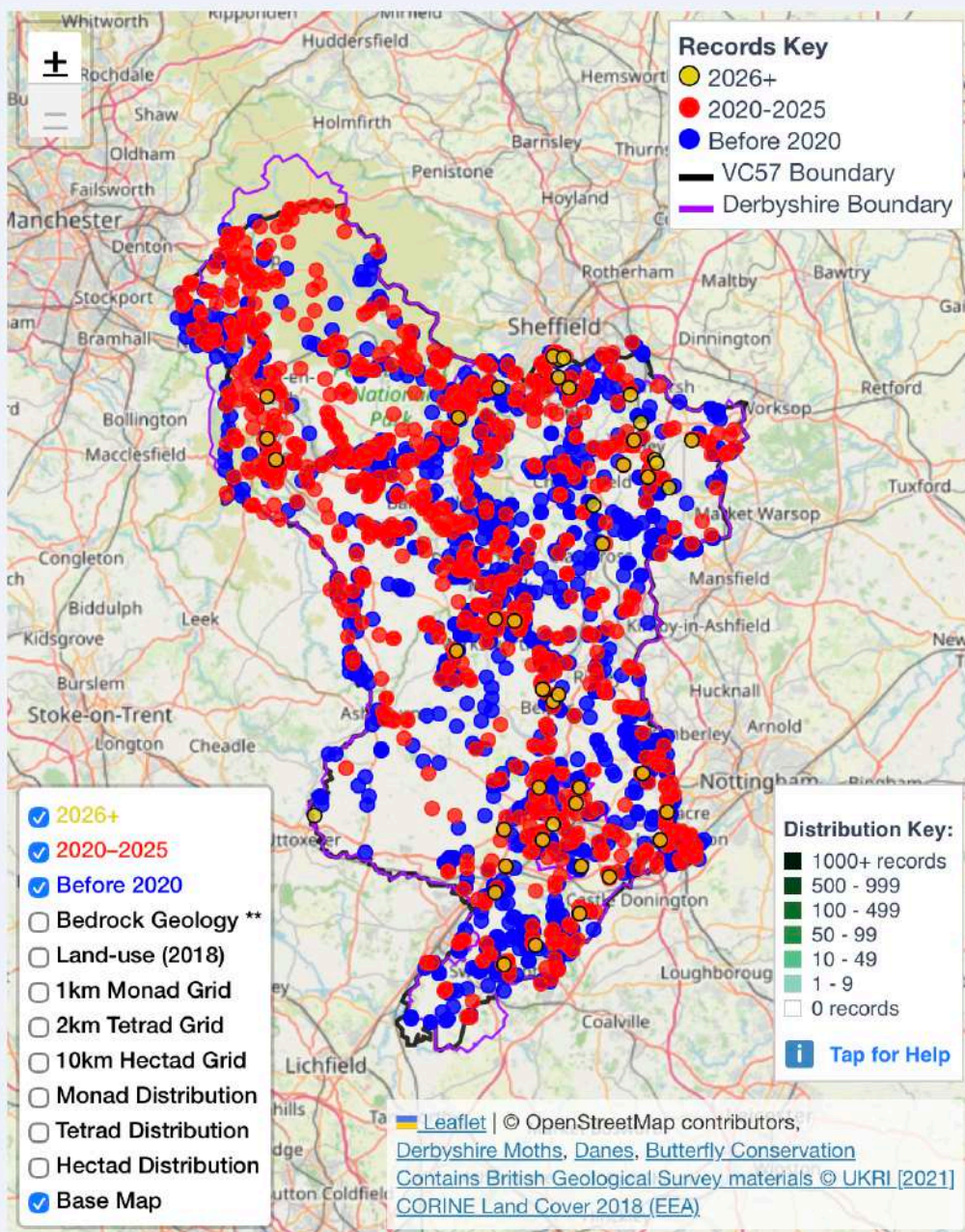
From 84,650 records

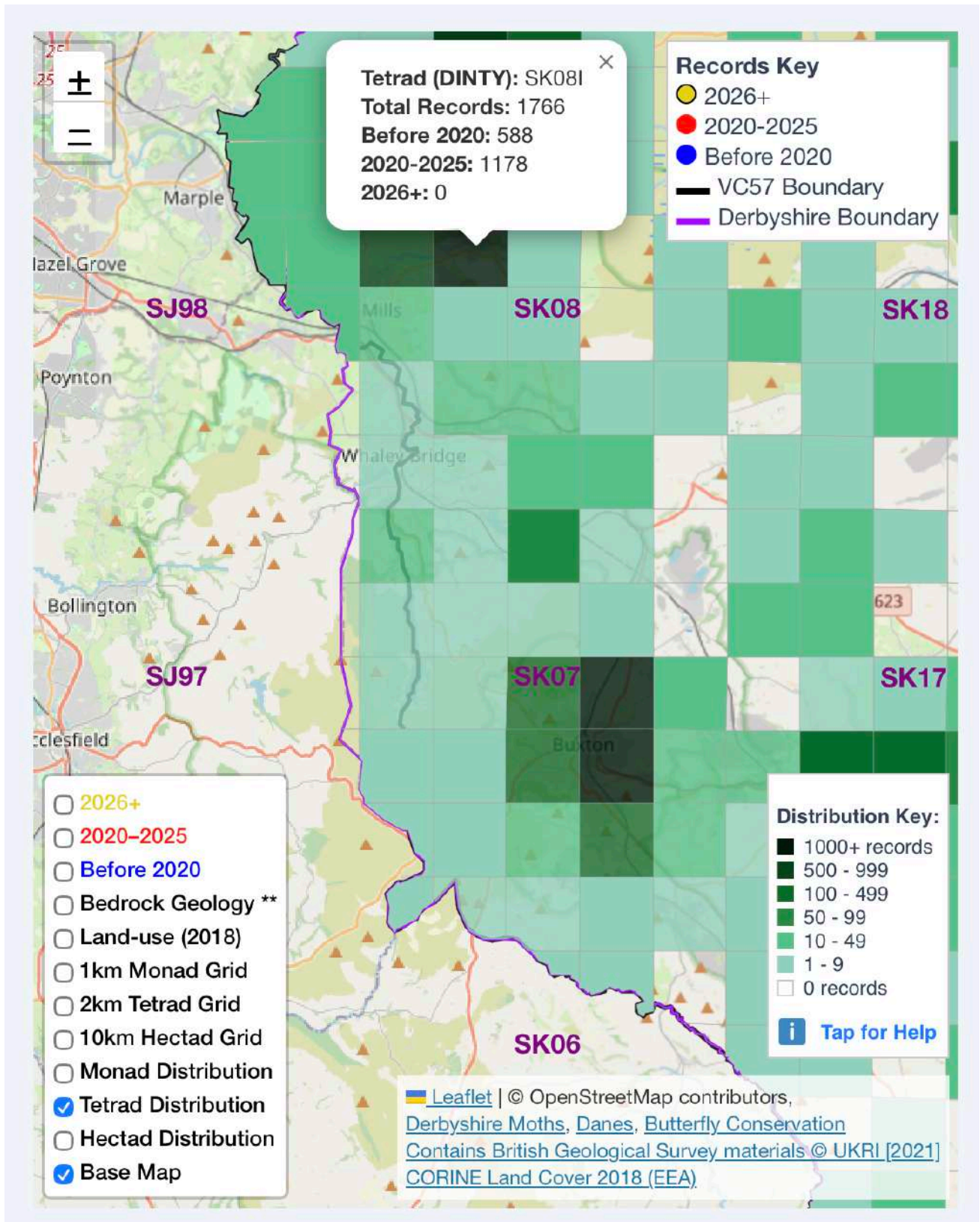
Coverage: 538 of 752 tetrads with records (72%)

↳ 0 from 2026

↳ 43054 from 2020 - 2025

↳ 41413 from Before 2020

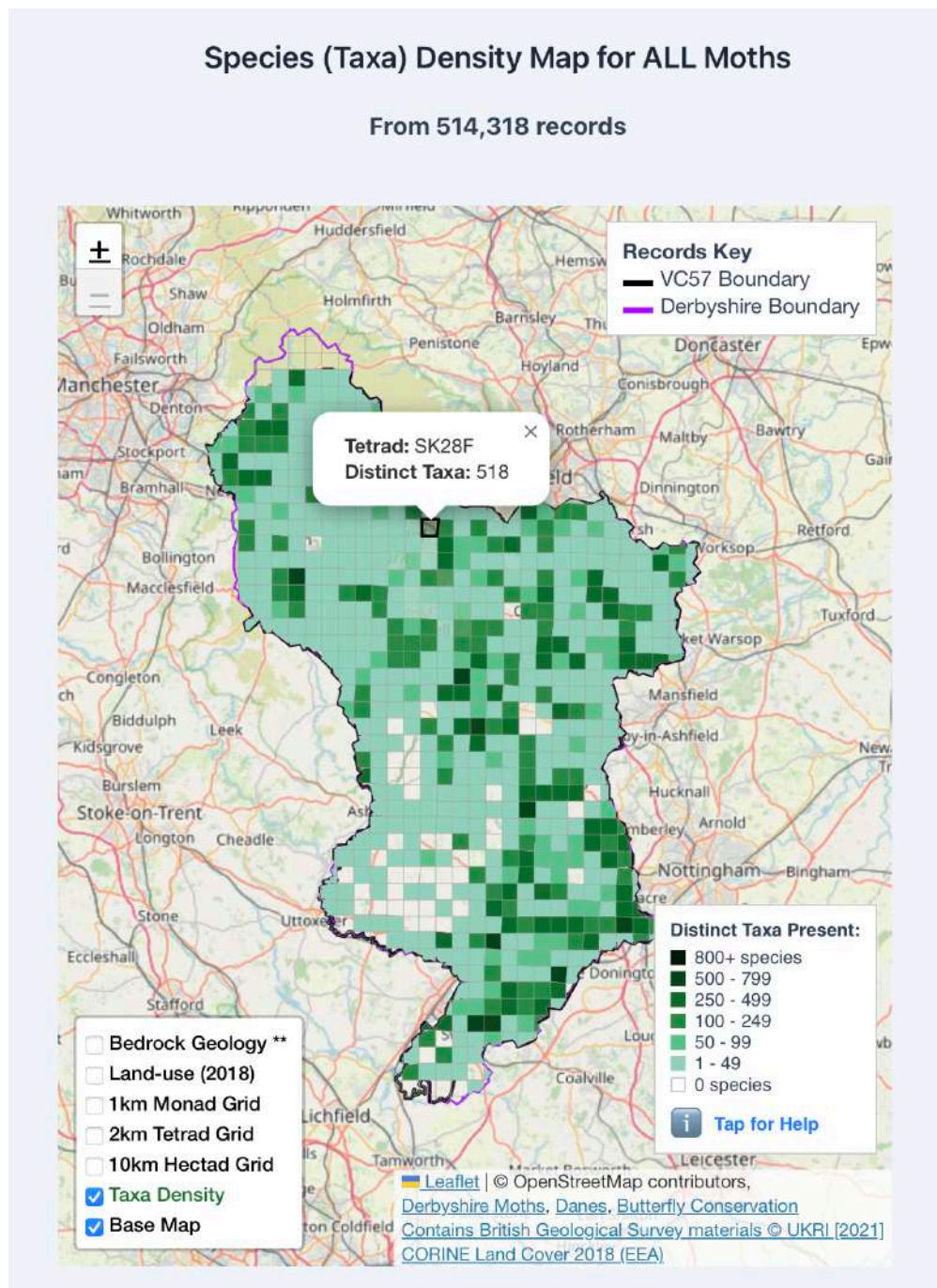






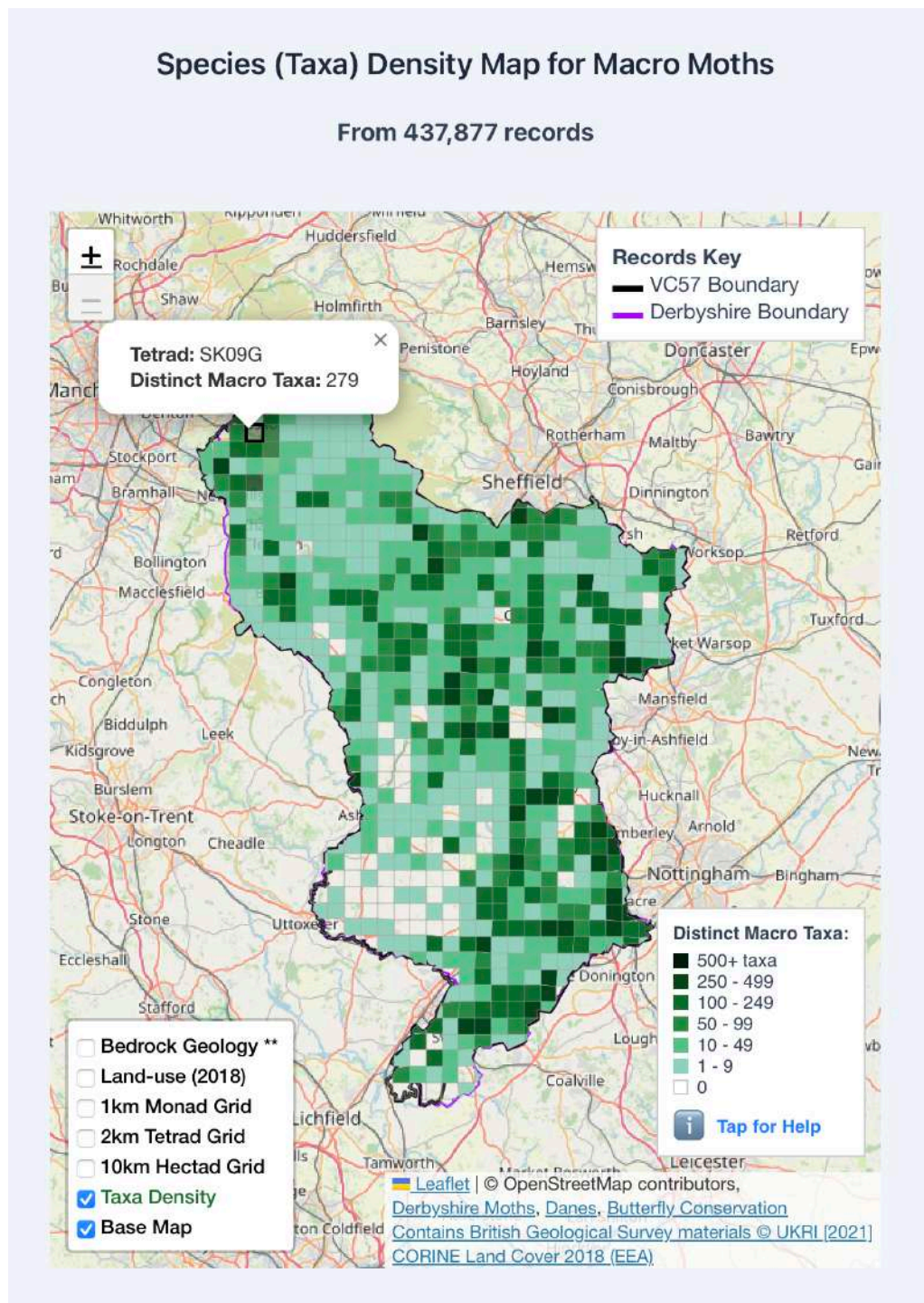
ii. TAXA Species Density

This will show, again for ALL moths, and for Macro and Micro, the density of individual moth species, within a 2kmx2km Tetrad grid. The tetrads are colour-shaded to show a thematic layer, so you can see the density/numbers of different species at various locations across VC57. Again, as with all these maps, the data is dynamically-driven and will change/update as new iRecord imports occur.



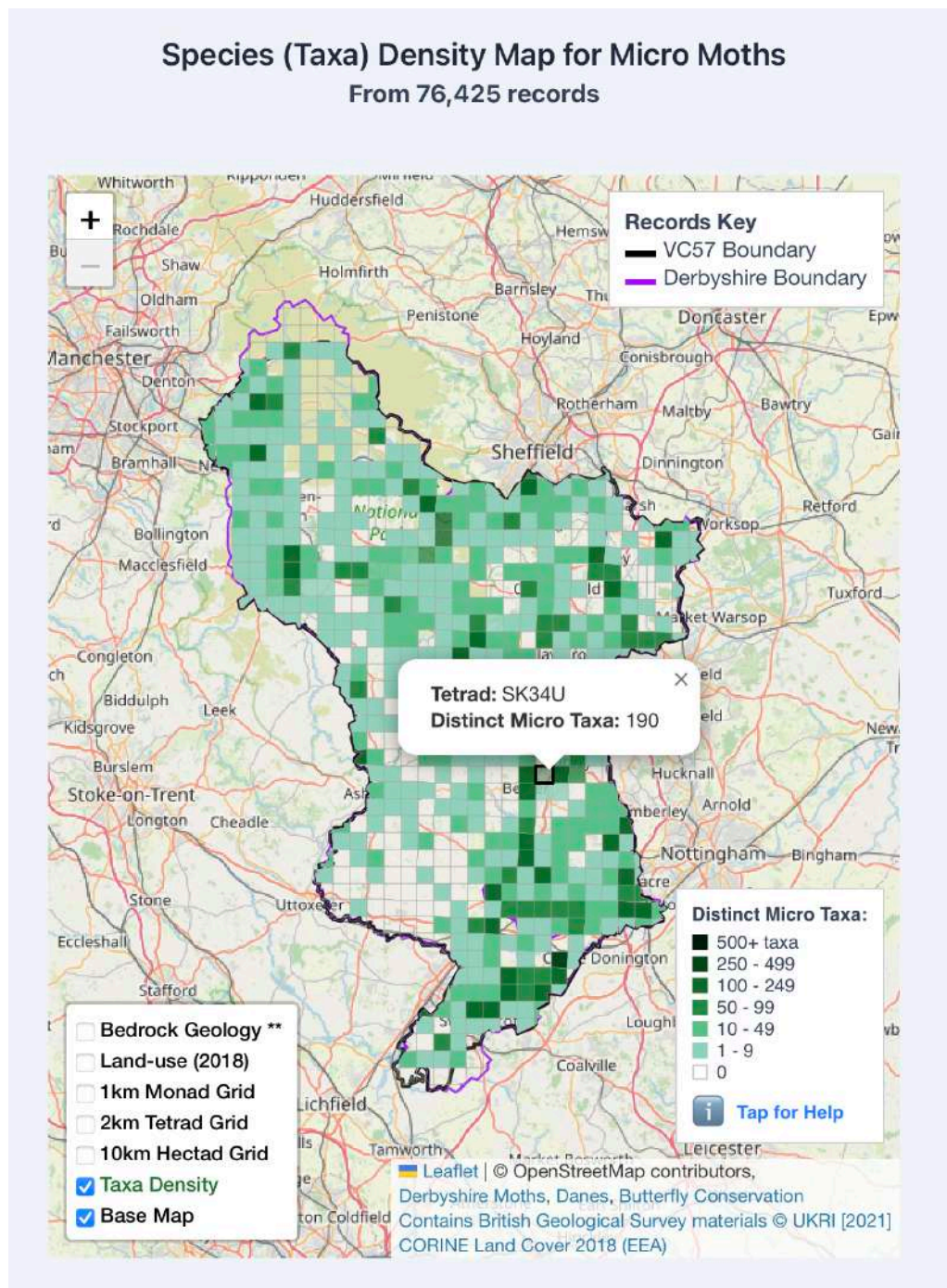


For Macros – see their TAXA [species] density...





For Micro moths, see their TAXA density across VC57.....



NOTE – at the moment, only Tetrads are used for the TAXA Density analysis.



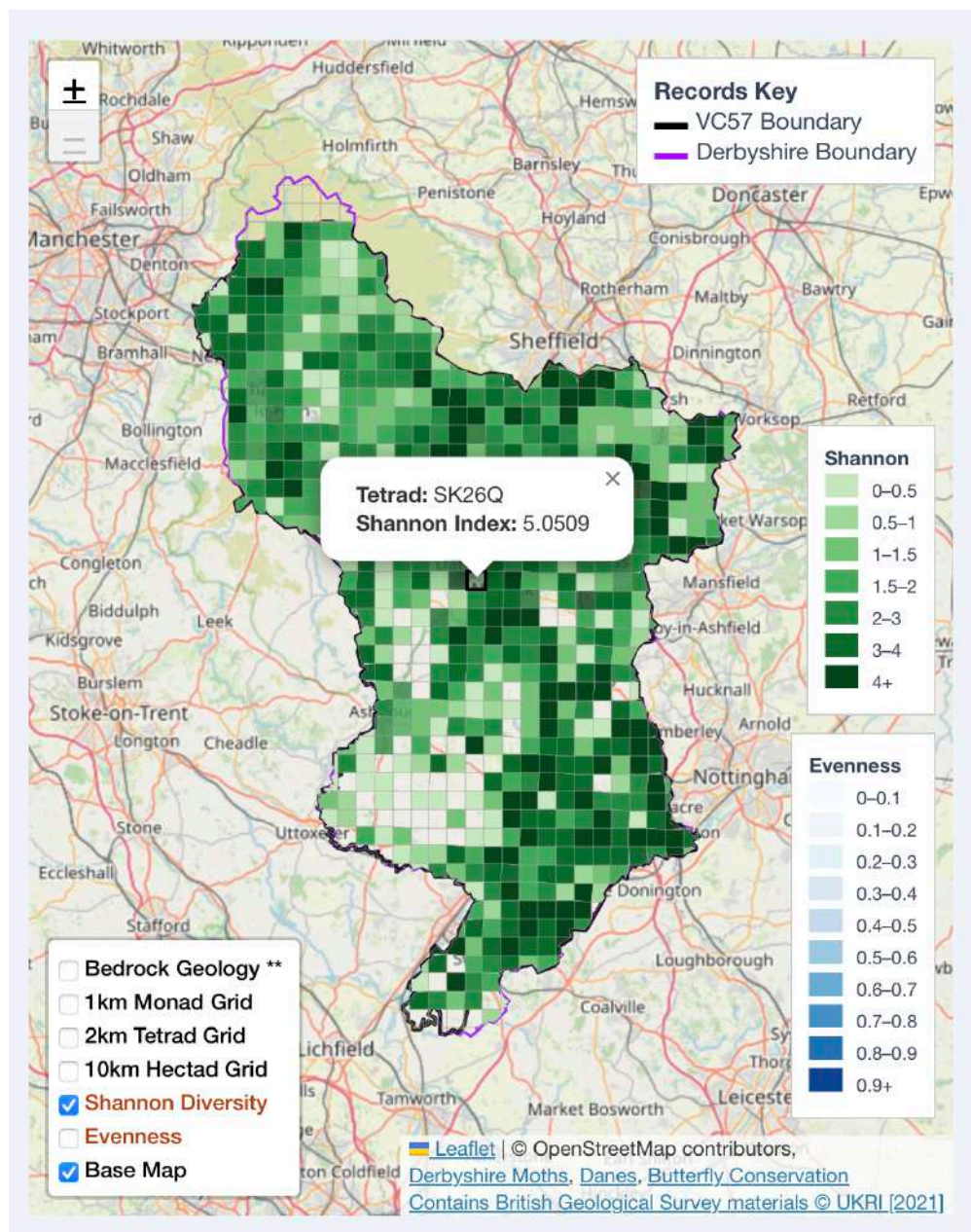
iii. Shannon diversity and Evenness Indexes

Shannon Diversity And Evenness Indexes >

This is an attempt at modelling our moth data using some established scientific population modelling techniques.

SHANNON DIVERSITY INDEX

As stated on the maps, this index is a clever way of representing the diversity and richness of moth populations, by counting the distinct species found within each Tetrads, and assessing how evenly they are distributed among them. A higher SHANNON INDEX shows a more diverse community, with many species present and a balanced abundance.

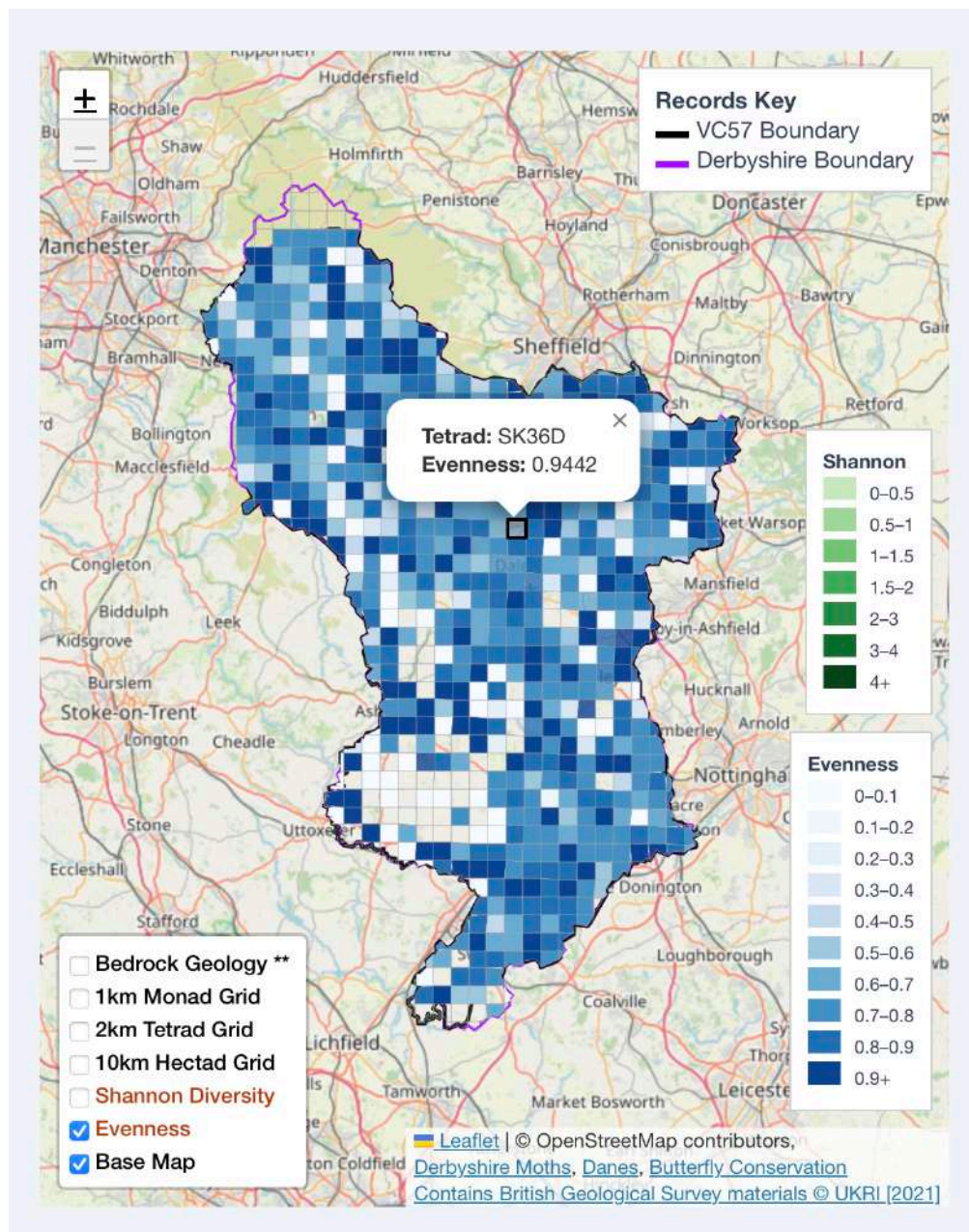




EVENNESS INDEX

The Evenness Index, which varies from 0 to 1, reflects how balanced the community of moths is, with values close to 1, meaning species are recorded in similar numbers, where a value approaching 0, suggests that a few species dominate the records, with others recorded rarely, or not at all.

Both the Shannon and Evenness Indexes are very subtle, but different ways of looking at how the VC57 moth populations are spread and distributed and try and indicate a degree of species dominance and species balance, or imbalance.





iv. MAP A MOTH AND ITS DATA

Sometimes you just want to see a distribution of one or more moths – you know the common or scientific name, but you don't want to trawl through its other record data. Go to the menu below:



Selective Moth Distribution
Type scientific OR common Name, select, then click Retrieve Map Data:
Tyria jacobaeae
[Reset](#) [Retrieve Map Data](#)

Distribution Map for *Tyria jacobaeae*
From 2,659 records
Coverage: 327 of 752 tetrads (44%)
Breakdown by period:
L. 358 from 2025+
L. 517 from 2020 - 2024
L. 1784 from Before 2020

Flying Jan Feb Mar Apr **May** Jun Jul Aug Sep Oct Nov Dec

Select Data as Required Above
Bedrock Geology ** indirectly affects moth distribution.
Land Use Type * may influence moth distribution.

Type in part of a common or scientific name, the page will locate it, if it is recorded in VC57/Derbyshire, then click the text to select it, then click 'Retrieve Map Data' button. The page will then refresh and show you your moth name with its recorded numbers and also you can now click the boxes on the map to show the records and locations and view other data.



Selective Moth Distribution

Type scientific OR common Name, select, then click Retrieve Map Data

Data:

Reset **Retrieve Map Data**

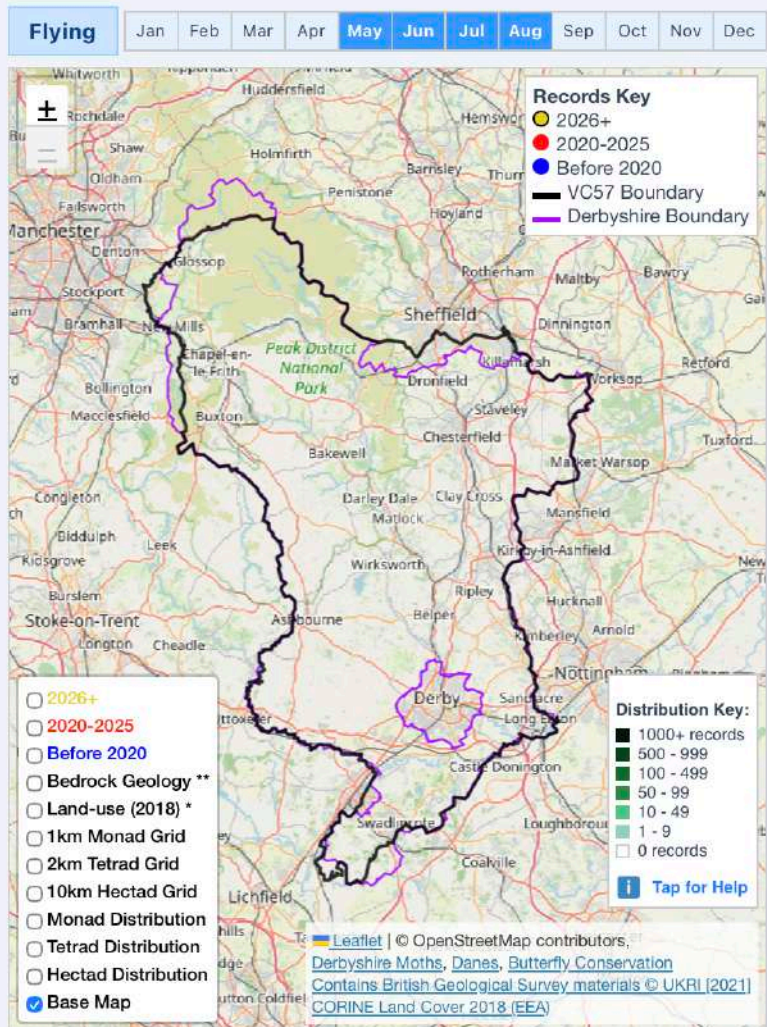
Distribution Map for *Tyria jacobaeae*

From 2,709 records

Coverage: 333 of 752 tetrads (44%)

Breakdown by period:

- ↳ 0 from 2026+
- ↳ 917 from 2020 - 2025
- ↳ 1792 from Before 2020



Select Data as Required Above

Bedrock Geology ** indirectly affects moth distribution.

Land Use Type * may influence moth distribution.



Selective Moth Distribution

Type scientific OR common Name, select, then click Retrieve Map Data

Tyria jacobaeae

Reset

Retrieve Map Data

Distribution Map for *Tyria jacobaeae*

From 2,709 records

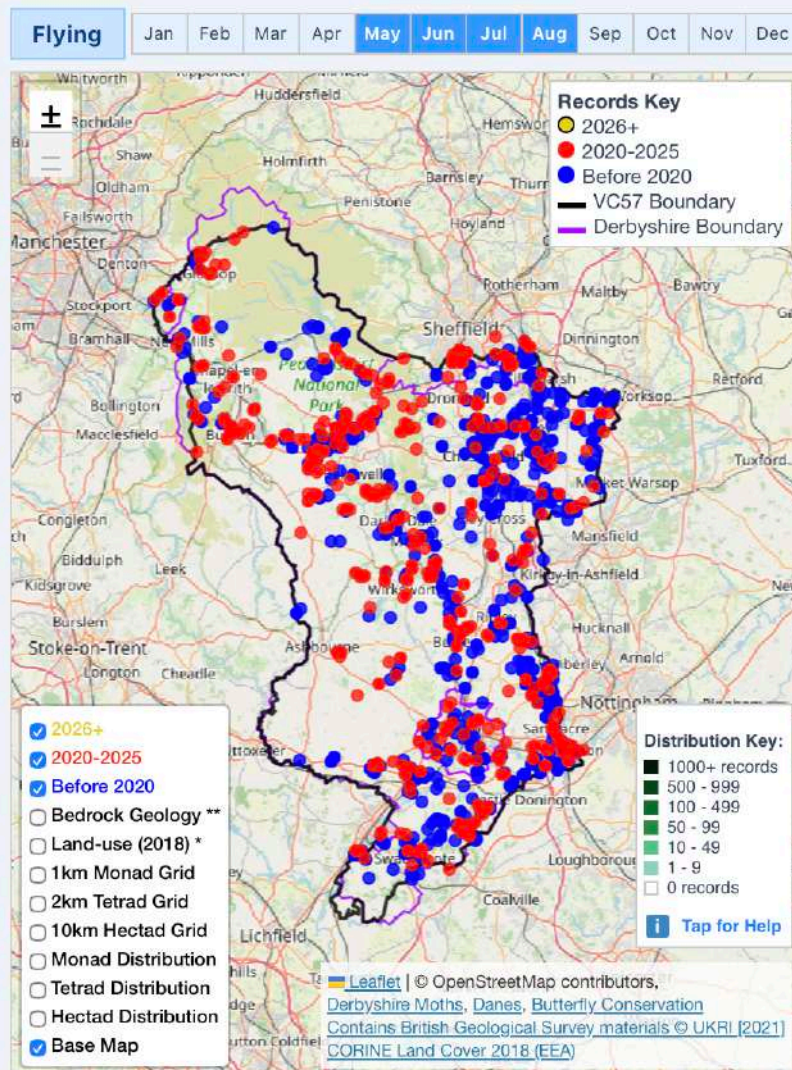
Coverage: 333 of 752 tetrads (44%)

Breakdown by period:

0 from 2026+

917 from 2020 - 2025

1792 from Before 2020



Select Data as Required Above

Bedrock Geology ** indirectly affects moth distribution.

Land Use Type * may influence moth distribution.



v. Find Maps of Moth Family Names



Distribution - By Family Name

Filter by Family:

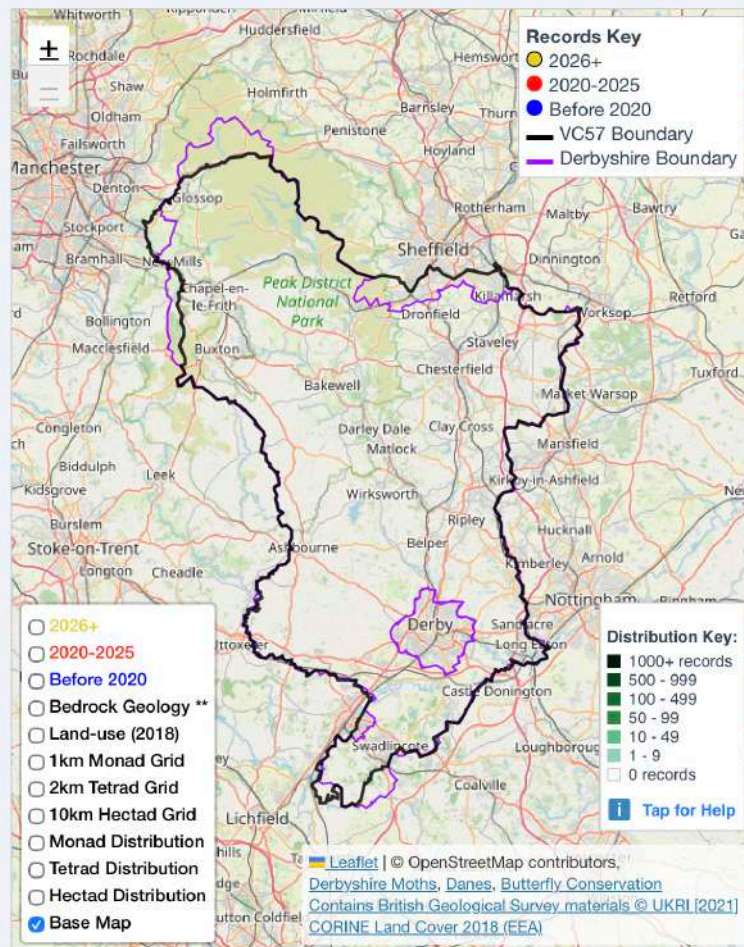
Select a family... Apply Filter Reset

Distribution Map for ALL moths

From 535,076 records

Coverage: 680 of 752 tetrads with records (90%)

Switch on selections below as required





Start to type in a moth Family name, e.g. Noctuidae and it will start to match from its database.

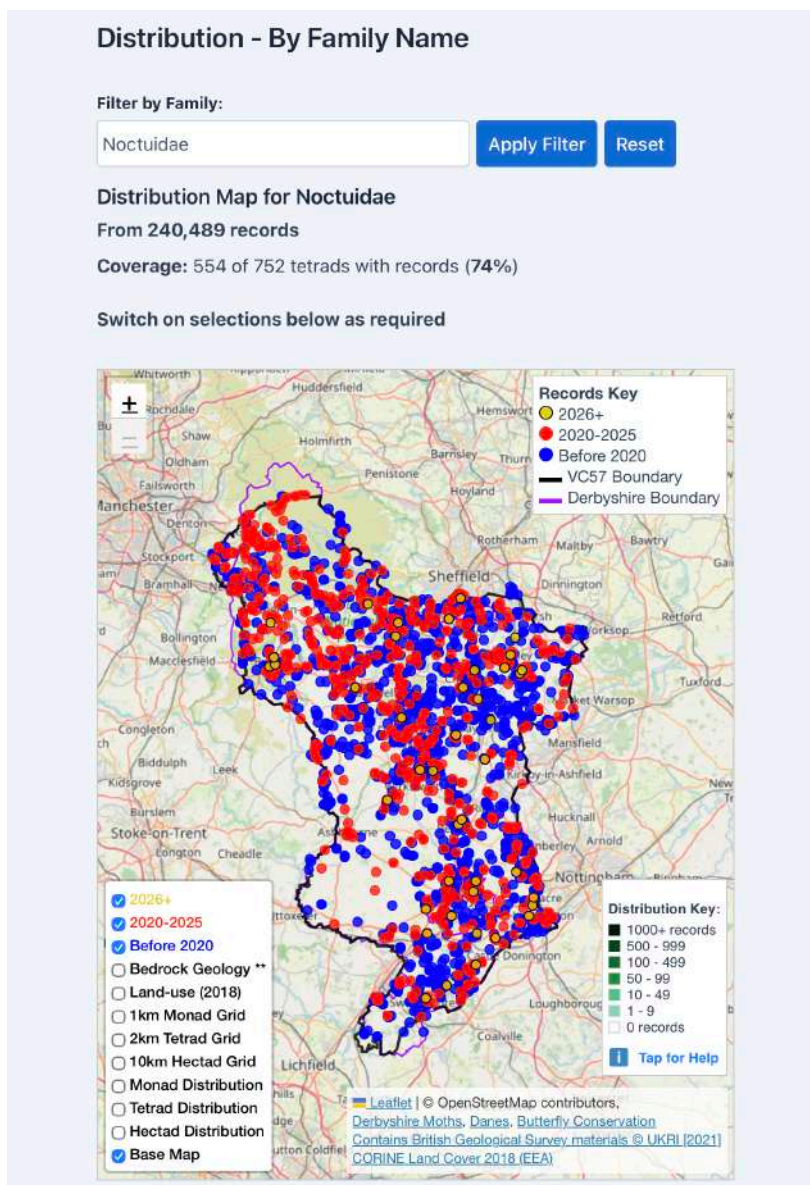
Filter by Family:

Apply Filter Reset

- Noctuidae
- Nolidae
- Notodontidae (90%)
- Yponomeutidae

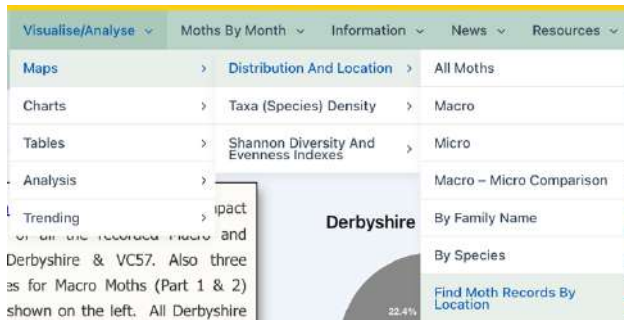
Switch on selections below as required

Choose the one you want by clicking mouse on it, or touching the text and it will put it in the box. Then click 'Apply Filter' to retrieve the map data. We will at some point show the numbers breakdown of records by the year ranges shown.





FIND MOTH RECORDS BY LOCATION [TETRAD OR MONAD]



This enables you to locate and list all moth records, pertaining to a specific Tetrad [2km square grid] , OR, a Monad [1km square grid].

Prior to this, the only way to see species/taxon records, was from the actual species master page/s.

Follow the instructions shown below.

Find Moth Records By Location

From 535,076 records
Coverage: 676 of 752 tetrads with records (90%)

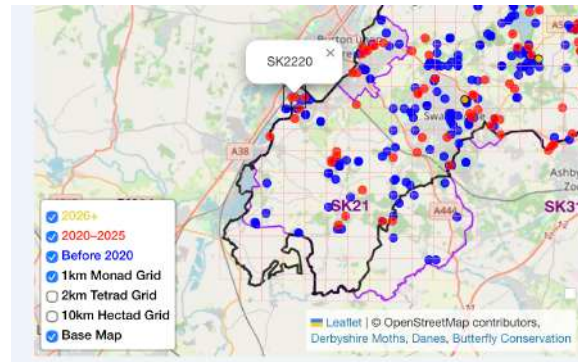
Moth Records
To fetch data – select either '2km Tetrad Grid' or '1km Monad Grid' – then click on the selected square – please note the 10km Hectad Grid is for view-only.

Date	Taxon	Common Name	Site	Recorder	No.	Stage	Monad	Tetrad	Hectad
------	-------	-------------	------	----------	-----	-------	-------	--------	--------

The main page opens with a blank map and an empty table below.



A Monad example shown below.



Sample extract of table

Moth Records

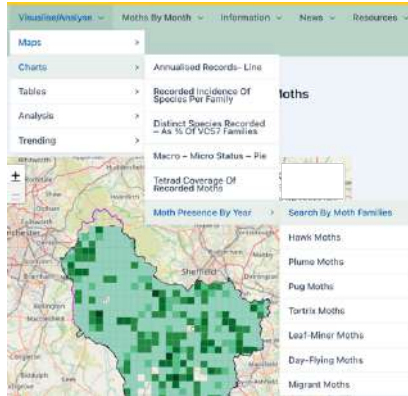
Total records: 2855 for SK2220

Date	Taxon	Common Name	Site	Recorder	No.	Stage	Monad	Tetrad	Hectad
19/09/2025	<i>Orgyia antiqua</i>	Vapourer	Drakelow N.R.	Williams, Michael	1	adult	SK2220	SK22F	SK22
06/09/2025	<i>Apeira syringaria</i>	Lilac Beauty	Drakelow N.R.	Williams, Michael	1	adult	SK2220	SK22F	SK22
24/08/2025	<i>Orgyia antiqua</i>	Vapourer	Drakelow N.R.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Triodia sylvina</i>	Orange Swift	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Yponomeuta padella/malinellus/cagnagella</i>		Drakelow, Derbys.	Williams, Michael	4	adult	SK2220	SK22F	SK22
16/08/2025	<i>Agonopterix purpurea</i>	Small Purple Flat-body	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Blastobasis adustella</i>	Furness Dowd	Drakelow, Derbys.	Williams, Michael	7	adult	SK2220	SK22F	SK22
16/08/2025	<i>Celypha lacunana</i>	Common Marble	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Notocelia uddmanniana</i>	Bramble Shoot Moth	Drakelow, Derbys.	Williams, Michael	3	adult	SK2220	SK22F	SK22
16/08/2025	<i>Chilo phragmitella</i>	Reed Veneer	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Agriphila stramineella</i>	Straw Grass-veneer	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Agriphila tristella</i>	Common Grass-veneer	Drakelow, Derbys.	Williams, Michael	4	adult	SK2220	SK22F	SK22
16/08/2025	<i>Agriphila geniculata</i>	Elbow-stripe Grass-veneer	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Cataglypha lemnaea</i>	Small China-mark	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Evergestis forticalis</i>	Garden Pebble	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Acrobasis advenella</i>	Grey Knot-horn	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Euzophera pinguis</i>	Ash-bark Knot-horn	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Cilix glaucata</i>	Chinese Character	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Timandra comae</i>	Blood-vein	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Idaea dimidiata</i>	Single-dotted Wave	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Xanthorhoe designata</i>	Flame Carpet	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Scotapteryx chenopodiata</i>	Shaded Broad-bar	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Opisthograpta luteolata</i>	Brimstone Moth	Drakelow, Derbys.	Williams, Michael	2	adult	SK2220	SK22F	SK22
16/08/2025	<i>Cabera exanthemata</i>	Common Wave	Drakelow, Derbys.	Williams, Michael	3	adult	SK2220	SK22F	SK22
16/08/2025	<i>Campaea margaritaria</i>	Light Emerald	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22
16/08/2025	<i>Notodontia dramedarius</i>	Iron Prominent	Drakelow, Derbys.	Williams, Michael	1	adult	SK2220	SK22F	SK22

Note – the Monad column is highlighted for clarity.



b. CHARTS

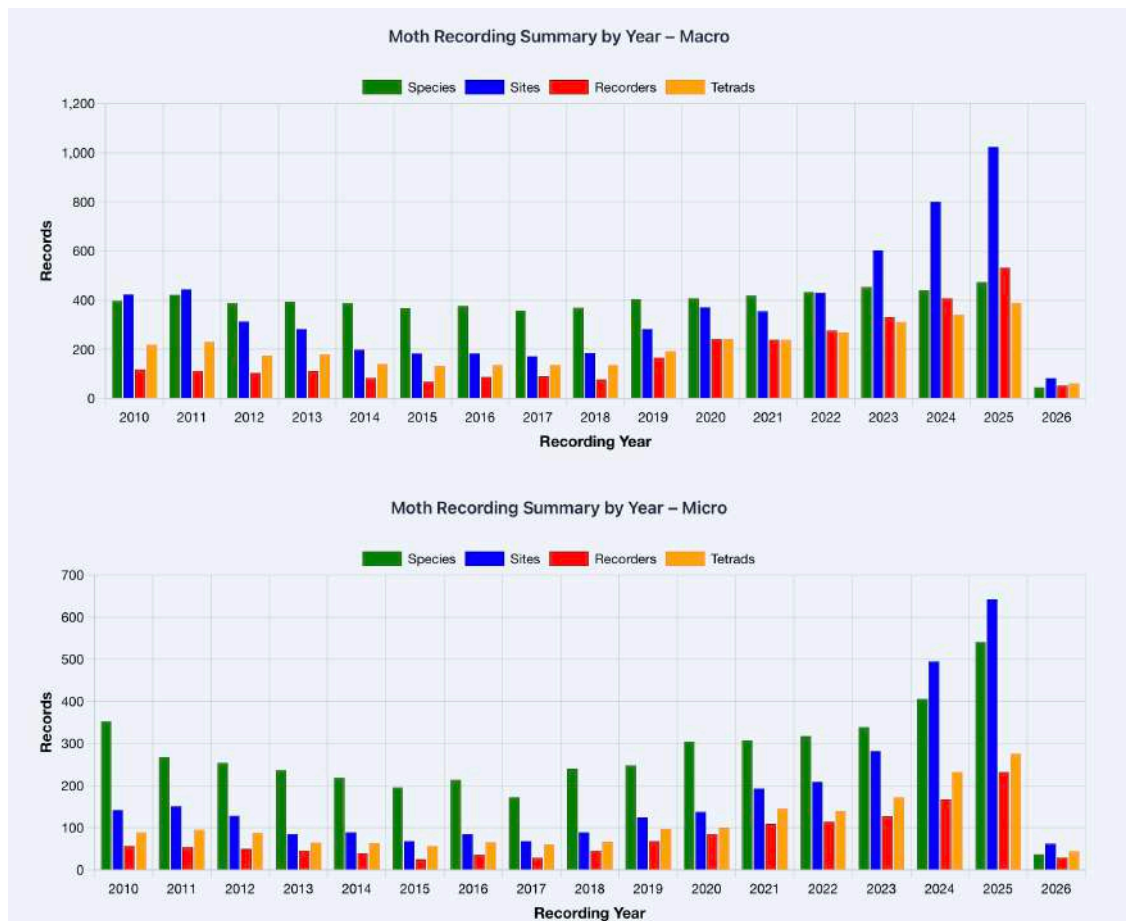


There are many charts on the Derbyshire Moths website and all of them are dynamically-driven by records data from the backend historic records database.

Many can be found on the Master Moth data-sheet pages, but more of them later....

These specific charts, are global charts and have been designed to show global aspects of the VC57 moth populations and distributions.

i. Annualised Records – Bar Chart

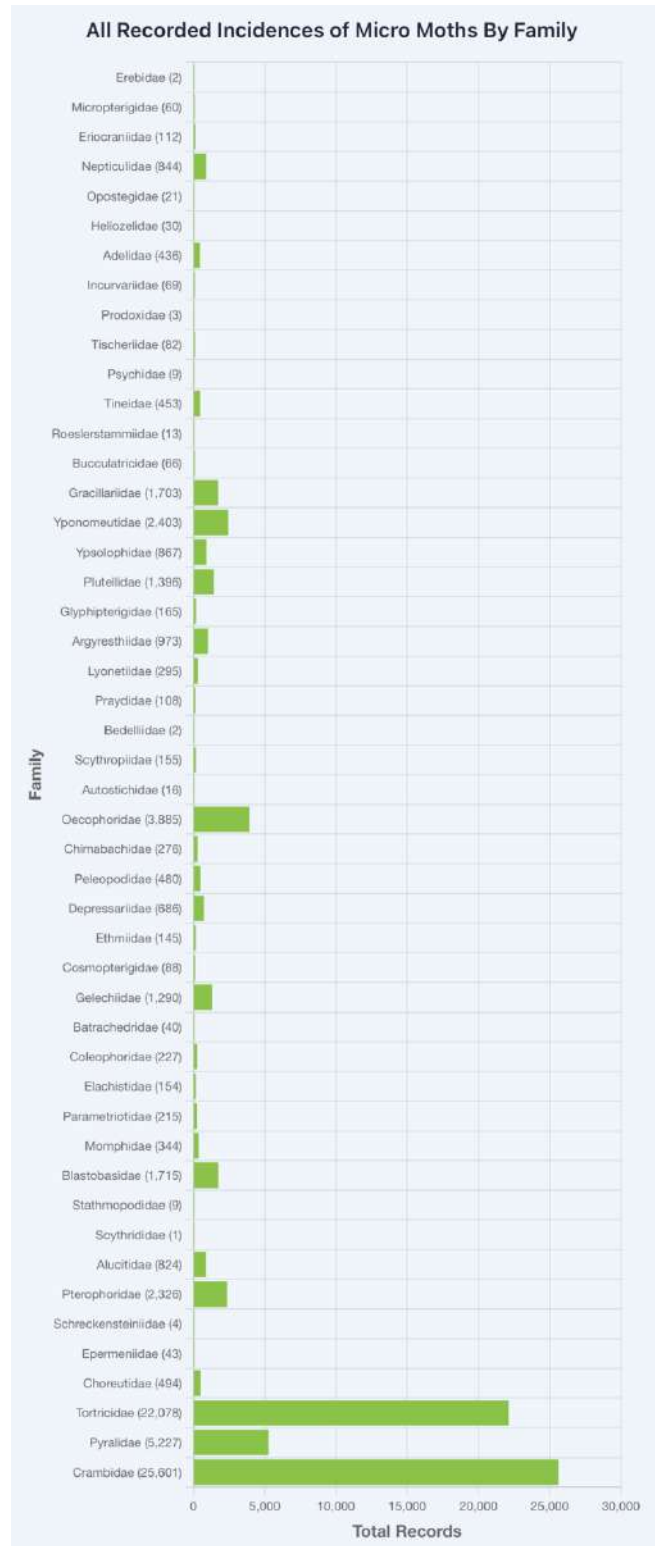
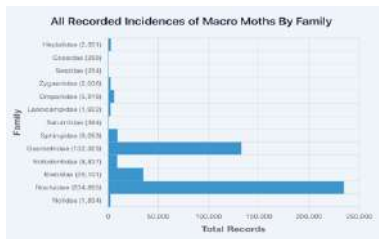


These are relatively self-explanatory and show for both Macro and Micro moths, the variation of Species, Sites, Recorders and Tetrads for a period of the last 16 or so years.



ii. Recorded Incidence of Species per Family

These [Macro and Micro] horizontal Bar Charts show simply the incidences where any record of a moth's family has been recorded [includes adult, larvae, pupa, etc], for all records in the database.





iii. Distinct Species Recorded as a % of VC57 families

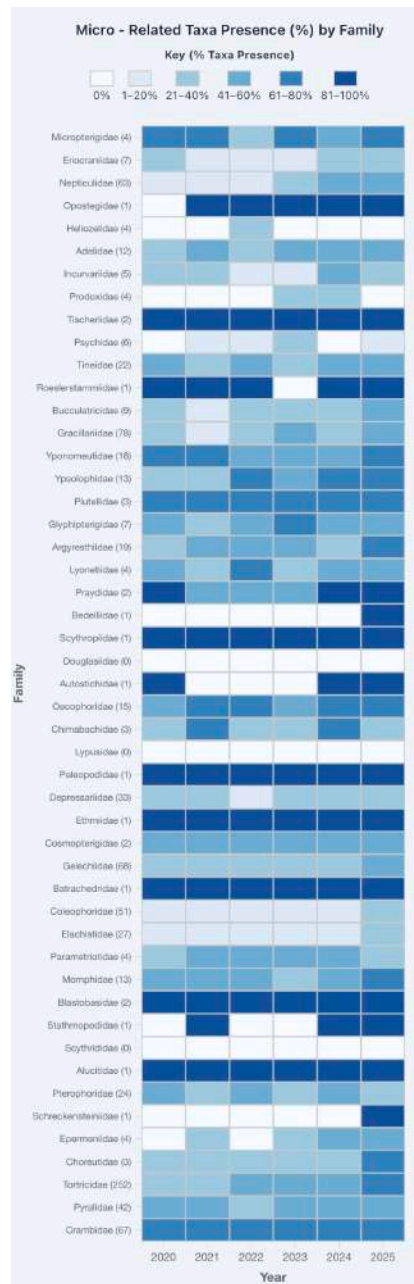
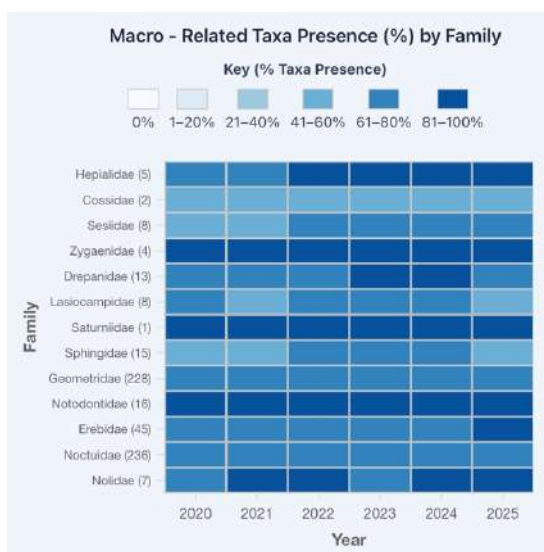
Distinct Species Recorded – As % Of VC57 Families

A rather wordy title I’m afraid, but essentially this chart shows the species recorded for each moth family, expressed as a % of the total number of species ever recorded within

each family.

So essentially, it plots, over time, the numbers of Taxa [species] occurring within each Family, with the colour-shading indicating the value as a % of the total number of moths ever recorded in VC57, for those respective families shown.

It is shown again, by Macro families and by Micro families.



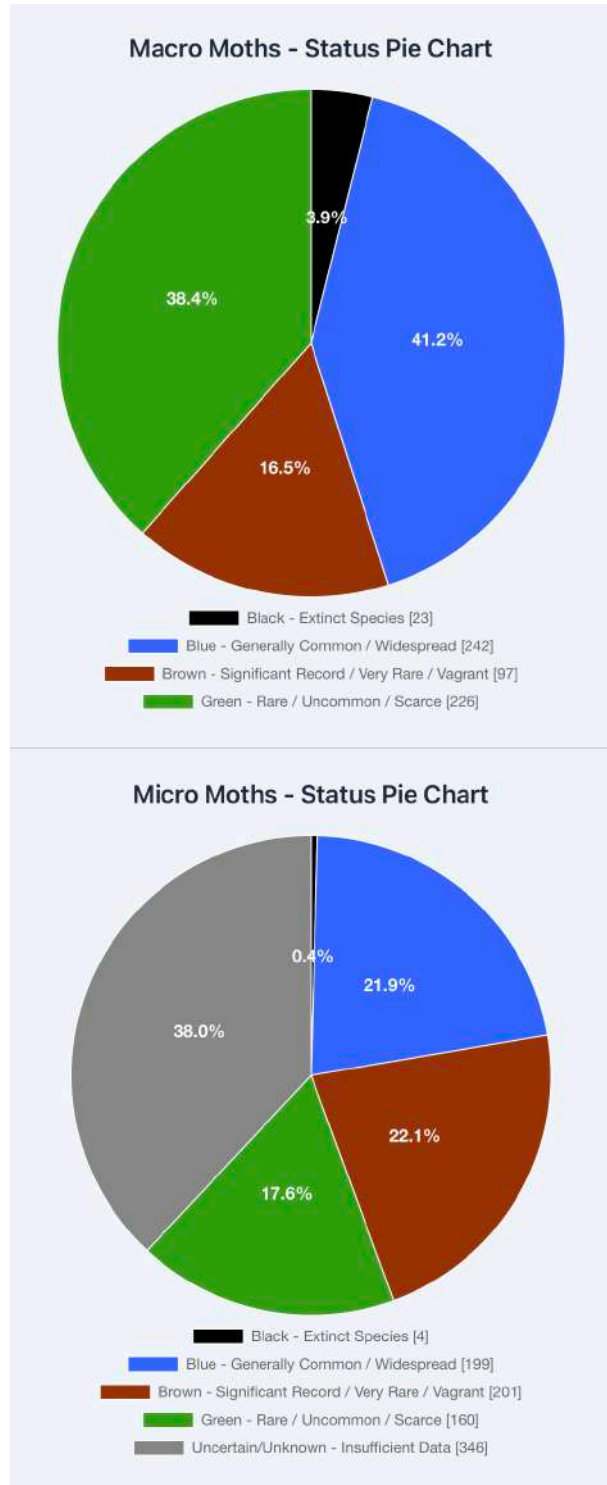


iv. Macro/Micro Status Pie Chart

Macro – Micro Status – Pie

This is self-explanatory and plots the current status, within the VC57 area, of both Macro and Micro moths, using the status codes presented for each moth record.

presented for each moth record.





v. **Tetrad Coverage of Recorded Moths in VC57**

This series of charts plots the number and extent of VC57 Tetrads where moths have been recorded, over time. The top red line on each chart shows the total number of Tetrads present inside the VC57 area – note some of these Tetrads may be only partial Tetrads, but they are still counted as a Tetrad, even if they intersect the VC57 boundary.

The top chart shows for ALL moths and includes a list of those Tetrads where no moths have ever been recorded.

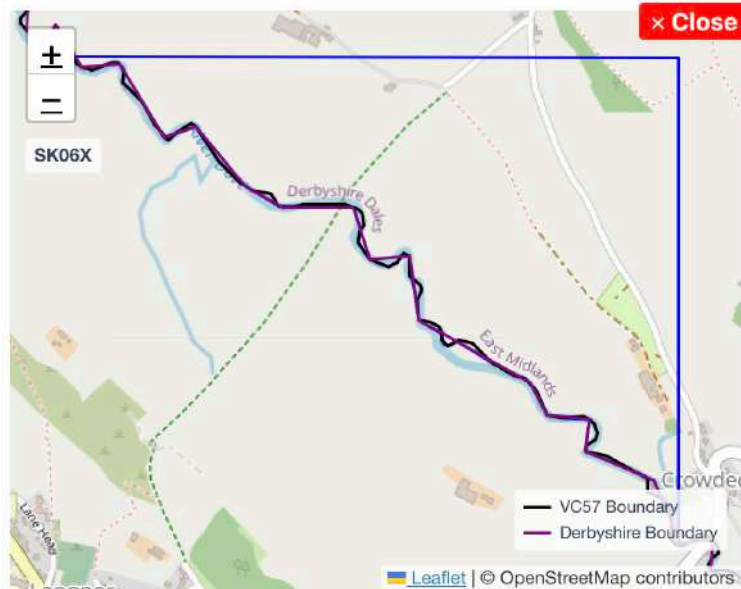
Note – this is shown in a much more spatial way on all the maps, but here, it is just listed for use by any user wishing to seek out and try and record some moths in missing Tetrads.



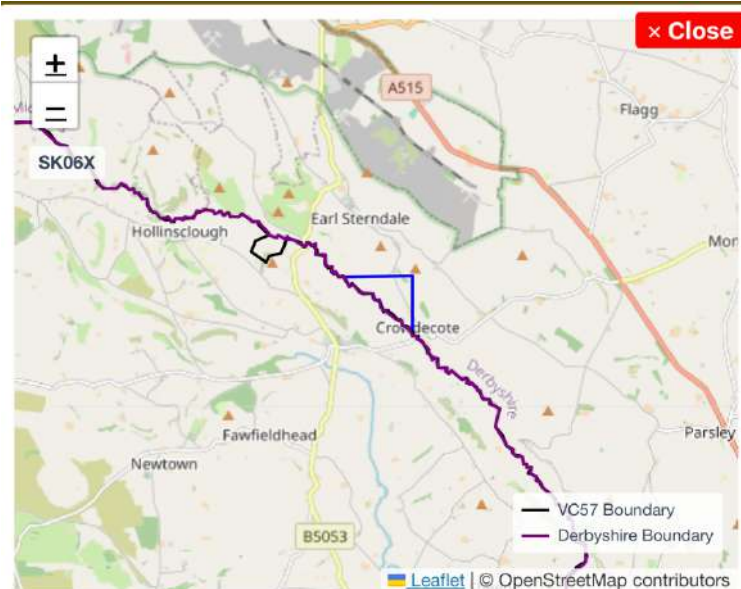


There has been an addition to this page, where you can now view the missing Tetrads and see where they are and if you like you can go and moth trap there to fill-in some gaps in the VC57 record set.

Simply click a tetrad.



A lot of the unpopulated tetrads occur either within large private estates, or they can be 'edge' tetrads, on the boundary of the VC57/Derbyshire boundary, with another VC.

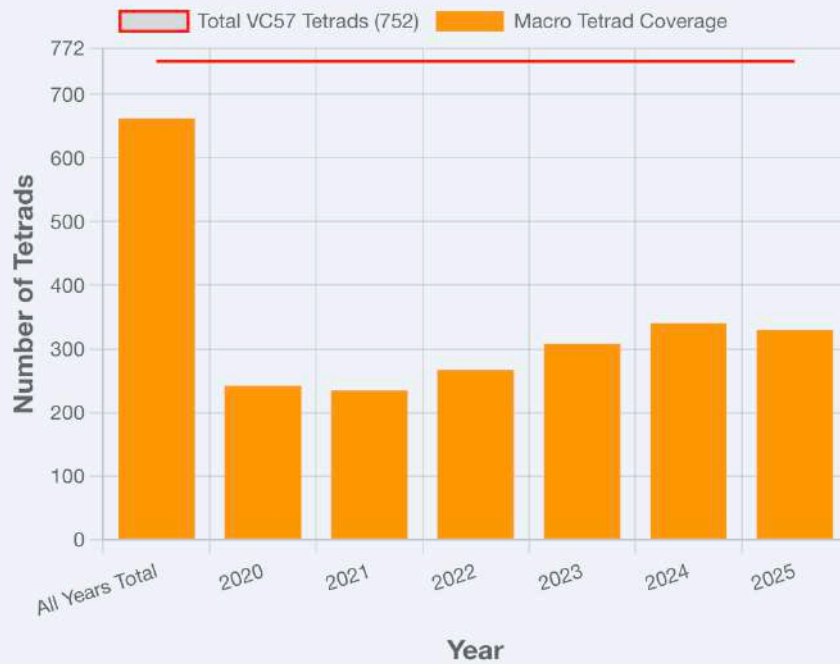


The user can zoom out of the popup map to see the tetrad in the context of its location.

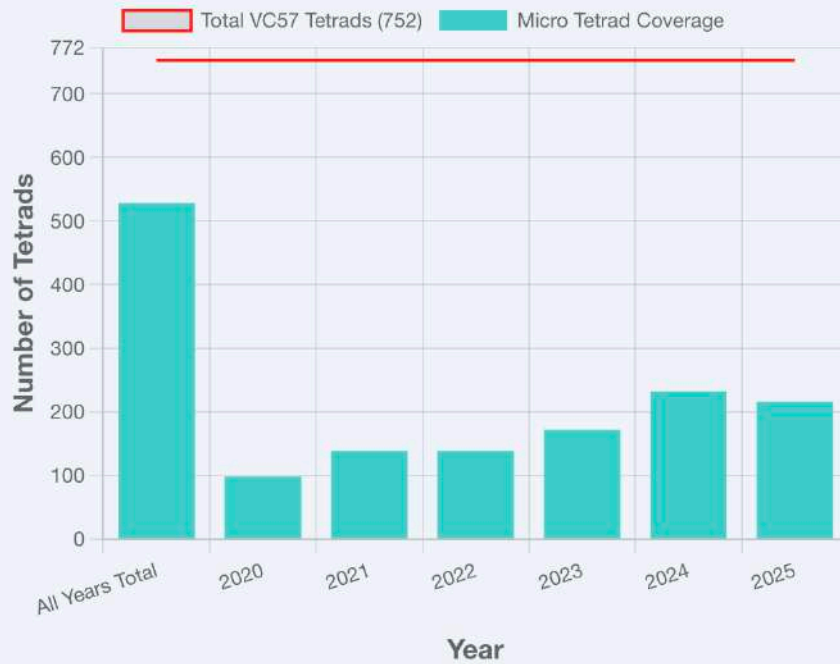
It is hoped that some of these 'missing' tetrads get visited and the VC57 moth-map completed a bit more.



VC57 Macro Moth Tetrad Coverage: Overall & 2020–2025



VC57 Micro Moth Tetrad Coverage: Overall & 2020–2025





vi. **Moth Presence by Year**

These series of charts show, for a selection of moths and specific moth groups, their presence across time. On each chart the moth species are shown and there is the ability to link straight to the actual master moth data-sheet by clicking the image thumbnail. The number in each column represents the recorded incidences of those moths, or moth types for the years shown. Again, the incidences are inclusive of all records, adult, larvae, pupa, etc.

Search By Moth Families

This has been added to allow users to have a look at moth presence over the last 6+ years, for families – it lists a table showing each moth recorded for the respective family and the sightings recorded for each successive year.

View Annual Records Total for Moth Families
(includes ALL 'stage' types)

Select Family:
-- Choose a family --

RESET

Please select a family above.

Choose from a list of Macro or Micro families

Select Family:
✓ -- Choose a family --

Macro Families

- Hepialidae
- Cossidae
- Sesiidae
- Zygaenidae
- Drepanidae
- Lasiocampidae
- Saturniidae
- Sphingidae
- Geometridae
- Notodontidae
- Erebidae
- Noctuidae
- Nolidae

Micro Families

- Micropterigidae
- Eriocraniidae
- Nepticulidae
- Opostegidae
- Heliozelidae
- Adelidae

Then click to get the data.....



View Annual Records Total for Moth Families (includes ALL 'stage' types)

Select Family:

Sphingidae

RESET

Moth Records for: **Sphingidae** - from 15 species
















Image	Species	2020	2021	2022	2023	2024	2025
	69.001 BF1979 – Lime Hawk Moth (<i>Mimas tiliae</i>)	23	9	13	22	23	42
	69.002 BF1980 – Eyed Hawk-moth (<i>Smerinthus ocellata</i>)	12	9	12	10	22	31
	69.003 BF1981 – Poplar Hawk-moth (<i>Laothoe populi</i>)	104	95	95	130	173	225
	69.004 BF1972 – Convolvulus Hawk-moth (<i>Agrius convolvuli</i>)	2		2	2	3	
	69.005 BF1973 – Death's-head Hawk-moth (<i>Acherontia atropos</i>)			1	1	1	1
	69.006 BF1976 – Privet Hawk-moth (<i>Sphinx ligustri</i>)	8	10	14	9	7	6
	69.007 BF1978 – Pine Hawk-moth (<i>Sphinx pinastri</i>)	2	6	8	7	15	16
	69.009 BF1983 – Broad-bordered Bee Hawk-moth (<i>Hemaris fuciformis</i>)						
	69.010 BF1984 – Hummingbird Hawk-moth (<i>Macroglossum stellatarum</i>)	17	4	56	32	2	87
	69.011 BF1985 – Oleander Hawk-moth (<i>Daphnis nerii</i>)						
	69.014 BF1987 – Bedstraw Hawk-moth (<i>Hyles gallii</i>)						
	69.015 BF1990 – Striped Hawk-moth (<i>Hyles livornica</i>)			1			
	69.016 BF1991 – Elephant Hawk-moth (<i>Deilephila elpenor</i>)	136	148	113	147	221	284
	69.017 BF1992 – Small Elephant Hawk-moth (<i>Deilephila porcellus</i>)	30	30	31	52	12	19
	69.018 BF1993 – Silver-striped Hawk-moth (<i>Hippotion celerio</i>)						

Clicking on the thumbnail image of a moth will take you to its master record, in a new tab of your browser.



Hawk Moth Sightings







Hawk Moth Sightings by Year (2020–2025)

Image	Hawk Moth Species	2020	2021	2022	2023	2024	2025
	69.001 BF1979 – Lime Hawk Moth (<i>Mimas tiliae</i>)	21	9	13	22	23	41
	69.002 BF1980 – Eyed Hawk-moth (<i>Smerinthus ocellata</i>)	12	9	12	10	22	28
	69.003 BF1981 – Poplar Hawk-moth (<i>Laothoe populi</i>)	87	91	93	129	173	222
	69.004 BF1972 – Convolvulus Hawk-moth (<i>Agrius convolvuli</i>)	2		2	2	3	
	69.005 BF1973 – Death's-head Hawk-moth (<i>Acherontia atropos</i>)			1	1	1	1
	69.006 BF1976 – Privet Hawk-moth (<i>Sphinx ligustri</i>)	8	10	14	9	7	6
	69.007 BF1978 – Pine Hawk-moth (<i>Sphinx pinastri</i>)	2	6	8	6	15	16
	69.009 BF1983 – Broad-bordered Bee Hawk-moth (<i>Hemaris fuciformis</i>)						
	69.010 BF1984 – Hummingbird Hawk-moth (<i>Macroglossum stellatarum</i>)	17	4	56	32	2	74
	69.011 BF1985 – Oleander Hawk-moth (<i>Daphnis nerii</i>)						
	69.014 BF1987 – Bedstraw Hawk-moth (<i>Hyles gallii</i>)						
	69.015 BF1990 – Striped Hawk-moth (<i>Hyles livornica</i>)			1			
	69.016 BF1991 – Elephant Hawk-moth (<i>Deilephila elpenor</i>)	115	145	112	143	221	281
	69.017 BF1992 – Small Elephant Hawk-moth (<i>Deilephila porcellus</i>)	30	30	31	52	12	19
	69.018 BF1993 – Silver-striped Hawk-moth (<i>Hippotion celerio</i>)						



Plume Moth Sightings

Plume Moth Sightings by Year (2020–2025)

Image	Plume Moth Species	2020	2021	2022	2023	2024	2025
	45.004 BF1501 – Triangle Plume (<i>Platyptilia gonodactyla</i>)	1	1	2	1	3	7
	45.008 BF1504 – Yarrow Plume (<i>Gillmeria pallidactyla</i>)	4	4	3	6	2	
	45.009 BF1503 – Tansy Plume (<i>Gillmeria ochrodactyla</i>)			1	3	3	
	45.010 BF1497 – Beautiful Plume (<i>Amblyptilia acanthodactyla</i>)	20	36	31	50	89	158
	45.011 BF1498 – Brindled Plume (<i>Amblyptilia punctidactyla</i>)						
	45.012 BF1509 – Brown Plume (<i>Stenoptilia pterodactyla</i>)	1	1	3	1	6	6
	45.013 BF1507 – Twin-spot Plume (<i>Stenoptilia bipunctidactyla</i>)	1		1	1		6
	45.019 BF1506 – Saxifrage Plume (<i>Stenoptilia millieridactyla</i>)	1				5	3
	45.021 BF1507 – Dowdy Plume (<i>Stenoptilia zophodactylu</i>)						
	45.022 BF1496 – Rose Plume (<i>Cnaemidophorus rhododactyla</i>)						
	45.023 BF1495 – Crescent Plume (<i>Marasmarcha lunaedactyla</i>)				2		
	45.028 BF1494 – Wood Sage Plume (<i>Capperia britanniodactylus</i>)	1					
	45.030 BF1513 – White Plume moth (<i>Pterophorus pentadactyla</i>)	4	1	5	13	11	23
	45.031 BF1514 – Spotted-white Plume (<i>Porritia galactodactyla</i>)						
	45.032 BF1511 – Western Thyme Plume (<i>Merrifieldia tridactyla</i>)						
	45.033 BF1510 – Thyme Plume (<i>Merrifieldia leucodactyla</i>)		1				
	45.034 BF1512 – Dingy White Plume (<i>Merrifieldia baliodactylus</i>)						
	45.037 BF1523 – Dusky Plume (<i>Oidaematophorus lithodactyla</i>)						
	45.038 BF1522 – Plain Plume (<i>Hellinsia tephrodactyla</i>)						
	45.039 BF1519 – Citron Plume (<i>Hellinsia carphodactyla</i>)					1	
	45.04 BF1518 – Mugwort Plume (<i>Hellinsia lienigianus</i>)						
	45.041 BF1500 – Small Goldenrod Plume (<i>Hellinsia osteodactylus</i>)	1	1	1		1	7
	45.043 BF1517 – Hemp Agrimony Plume (<i>Adaina microdactyla</i>)			1			4
	45.044 BF1524 – Common Plume (<i>Emmelina monodactyla</i>)	48	49	52	87	134	283



Pug Moth Sightings

Pug Moth Sightings by Year (2020–2025)

Image	Pug Moth Species	2020	2021	2022	2023	2024	2025
	70.129 BF1863 – Dentated Pug (<i>Anticollix sparsata</i>)						
	70.141 BF1862 – Double-striped Pug (<i>Gymnoscelis rufifasciata</i>)	66	89	107	165	161	304
	70.142 BF1858 – V Pug (<i>Chloroclystis v-ata</i>)	17	28	31	35	27	95
	70.143 BF1859 – Sloe Pug (<i>Pasiphila chloerata</i>)				1		1
	70.144 BF1860 – Green Pug (<i>Pasiphila rectangularata</i>)	25	29	37	45	63	116
	70.145 BF1861 – Bilberry Pug (<i>Pasiphila debiliata</i>)				2	2	4
	70.146 BF1813 – Haworth's Pug (<i>Eupithecia haworthiata</i>)	2	1		4	3	1
	70.147 BF1811 – Slender Pug (<i>Eupithecia tenuiata</i>)	4	2	6	5	9	10
	70.148 BF1812 – Maple Pug (<i>Eupithecia inturbata</i>)	3	3	3	4	4	16
	70.149 BF1815 – Cloaked Pug (<i>Eupithecia abietaria</i>)						1
	70.150 BF1816 – Toadflax Pug (<i>Eupithecia linariata</i>)	2	5	10	12	14	8
	70.151 BF1817 – Foxglove Pug (<i>Eupithecia pulchellata</i>)	50	85	60	84	126	156
	70.153 BF1814 – Lead-coloured Pug (<i>Eupithecia plumbeolata</i>)						
	70.154 BF1822 – Marsh Pug (<i>Eupithecia pygmaeata</i>)				1	4	5
	70.155 BF1823 – Netted Pug (<i>Eupithecia venosata</i>)						
	70.156 BF1852 – Brindled Pug (<i>Eupithecia abbreviata</i>)	24	25	27	58	65	83
	70.157 BF1853 – Oak-tree Pug (<i>Eupithecia dodoneata</i>)	13	6	12	25	81	50
	70.158 BF1854 – Juniper Pug (<i>Eupithecia pusillata</i>)	5	3	1		13	7
	70.159 BF1855 – Cypress Pug (<i>Eupithecia phoeniceata</i>)		1	3	3	3	1
	70.160 BF1835 – White-spotted Pug (<i>Eupithecia tripunctaria</i>)	12	26	12	22	53	71
	70.161 BF1851 – Golden-rod Pug (<i>Eupithecia virgaureata</i>)	3	7	7	25	17	79
	70.162 BF1857 – Dwarf Pug (<i>Eupithecia tantillaria</i>)	5	2			3	8
	70.163 BF1856 – Larch Pug (<i>Eupithecia lariciata</i>)			1			2
	70.164 BF1824 – Pauper (Fletcher's) Pug (<i>Eupithecia egenaria</i>)				1	1	1



Tortrix Moth Sightings

Image	Tortrix Moth Species	2020	2021	2022	2023	2024	2025
	49.001 BF1013 – White-barred Tortrix (<i>Olindia schumacherana</i>)						
	49.002 BF1014 – Banded Hedge Grey (<i>Isotrias rectifasciana</i>)						
	49.004 - BF1010 – Red-barred Tortrix (<i>Ditula angustiorana</i>)	21	25	18	36	68	114
	49.005 BF1006 – Brown-barred Tortrix (<i>Epagoge grotiana</i>)				1		1
	49.008 BF1008 – Northern Reveller (<i>Philedone gerningana</i>)						
	49.009 BF1007 – Pale-shouldered Tortrix (<i>Capua vulgana</i>)				1	3	3
	49.01 - BF1009 – Heath Tortrix (<i>Philedonides lunana</i>)		1				8
	49.011 BF976 – Great Pine Tortrix (<i>Archips oporana</i>)						
	49.013 - BF977 – Large Fruit-tree Tortrix (<i>Archips podana</i>)	5	2	7	4	18	17
	49.014 - BF979 – Brown Oak Tortrix (<i>Archips crataegana</i>)			1		1	
	49.015 - BF980 – Variegated Golden Tortrix (<i>Archips xylosteana</i>)		2	1	2	3	3
	49.016 BF981 – Rose Tortrix (<i>Archips rosana</i>)	1				2	
	49.0161 BF981a – Fruit-tree Leaf-roller (<i>Archips argyrospila</i>)						
	49.018 BF983 – Great Tortrix (<i>Choristoneura hebenstreitella</i>)						
	49.020 BF974 – Heather Tortrix (<i>Argyrotaenia ljugiana</i>)	3	2	7	6	10	7
	49.021 BF987 – Yellow Larch Tortrix (<i>Ptycholomoides aeriferana</i>)			1		2	2
	49.022 BF1000 – Brindled Tortrix (<i>Ptycholoma lecheana</i>)		1	1		1	4
	49.023 BF971 – White-faced Tortrix (<i>Pandemis cinnamomeana</i>)				1		2
	49.024 BF969 – Chequered Fruit-tree Tortrix (<i>Pandemis corylana</i>)	7	11	16	32	53	50
	49.025 BF970 – Barred Fruit-tree Tortrix (<i>Pandemis cerasana</i>)	13	19	26	29	33	57



Leaf-miner Moth Sightings

Leaf-miner Moth Sightings by Year (2020–2025)

Image	Leaf-miner Moth Species	2020	2021	2022	2023	2024	2025
	2.001 BF6 – Common Spring Jewel (<i>Dyseriocrania subpurpurella</i>)	1	1	2	4	9	11
	2.003 BF8 – White-spotted Spring Jewel (<i>Eriocrania unimaculella</i>)						
	2.004 BF9 – Splendid Spring Jewel (<i>Eriocrania sparrmannella</i>)						
	2.005 BF10 – Yellow-headed Spring Jewel (<i>Eriocrania salopiella</i>)						
	2.006 BF11 – Small Spring Jewel (<i>Eriocrania cicatricella</i>)	1					
	2.007 BF13 – Large Spring Jewel (<i>Eriocrania semipurpurella</i>)					1	
	2.008 BF12 – Purple Spring Jewel (<i>Eriocrania sangii</i>)						1
	4.001 BF118 – Sorrel Dot (<i>Enteucha acetosae</i>)						
	4.002 BF116 – Grey Birch Dot (<i>Stigmella lapponica</i>)					2	3
	4.003 BF117 – Pale Birch Dot (<i>Stigmella confusella</i>)					3	4
	4.004 BF90 – Lime Dot (<i>Stigmella tiliae</i>)				2	2	4
	4.005 BF110 – Birch Dot (<i>Stigmella betulicola</i>)	1					
	4.006 BF113 – Glossy Birch Dot (<i>Stigmella sakhalinella</i>)		1				
	4.007 BF112 – Short-barred Dot (<i>Stigmella luteella</i>)				1		3
	4.008 BF114 – White-barred Alder Dot (<i>Stigmella glutinosae</i>)						
	4.009 BF115 – Silver-barred Alder Dot (<i>Stigmella alnetella</i>)						
	4.010 BF111 – Nut-tree Dot (<i>Stigmella microtheriella</i>)		1		5	10	10
	4.011 BF109 – Scarce Blackthorn Dot (<i>Stigmella prunetorum</i>)						
	4.012 BF102 – Maple Dot (<i>Stigmella aceris</i>)			2	4	3	9
	4.013 BF97 – Apple Dot (<i>Stigmella malella</i>)						
	4.014 BF98 – Buckthorn Dot (<i>Stigmella catharticea</i>)				1		2
	4.015 BF99 – Rose Dot (<i>Stigmella rosella</i>)	2				9	5



Day-flying Moth Sightings [Macro AND Micro]

Day-flying Moth Sightings By Year (2020–2025)

Jump to: [Macro Moths](#) | [Micro Moths](#)

Macro Moths

Image	Day-flying Moth Species	2020	2021	2022	2023	2024	2025
	52.002 BF0370 – Hornet Moth (<i>Sesia apiformis</i>)			2			
	52.003 BF0371 – Lunar Hornet Moth (<i>Sesia bembeciformis</i>)	2	1	4	2	8	5
	52.006 BF0375 – White-barred Clearwing (<i>Synanthedon spheciformis</i>)						
	52.007 BF0381 – Large Red-belted Clearwing (<i>Synanthedon culiciformis</i>)						
	52.008 BF0380 – Red-tipped clearwing (<i>Synanthedon formicaeformis</i>)	2	1	5	7	3	7
	52.012 BF0374 – Yellow-legged Clearwing (<i>Synanthedon vespiformis</i>)	1		1	4	3	3
	52.013 BF0373 – Currant Clearwing (<i>Synanthedon tipuliformis</i>)		2	2	6	6	4
	52.014 BF0382 – Six-belted Clearwing (<i>Bembecia ichneumoniformis</i>)	7	5	17	23	3	3
	54.002 BF0163 – The Forester (<i>Adscita statices</i>)	3	1	2	2	4	4
	54.003 BF0164 – Cistus Forester (<i>Adscita geryon</i>)	15	9	7	13	2	15
	54.009 BF0171 – Narrow-bordered Five-spot Burnet (<i>Zygaena lonicerae</i>)	18	13	23	30	31	52

Micro Moths

Image	Day-flying Moth Species	2020	2021	2022	2023	2024	2025
	1.001 BF1 – <i>Micropterix tunbergella</i> (Red-barred Pollen-moth)						1
	1.003 BF3 – <i>Micropterix aureatella</i> (Yellow-barred Pollen-moth)	1	1		2		
	1.004 BF4 – <i>Micropterix aruncella</i> (White-line Pollen-moth)	1	1		5	2	6
	1.005 BF5 – <i>Micropterix calthella</i> (Plain Pollen Moth)	4	7	3	3	5	5
	2.001 BF6 – <i>Dyseriocrania subpurpurella</i> (Common Spring Jewel)	1	1	2	4	9	11
	2.003 BF8 – <i>Eriocrania unimaculella</i> (White-spotted Spring Jewel)						
	2.004 BF9 – <i>Eriocrania sparrmannella</i> (Splendid Spring Jewel)						
	2.005 BF10 – <i>Eriocrania salopiella</i> (Yellow-headed Spring Jewel)						
	2.006 BF11 – <i>Eriocrania cicatricella</i> (Small Spring Jewel)	1					
	2.007 BF13 – <i>Eriocrania semipurpurella</i> (Large Spring Jewel)					1	
	2.008 BF12 – <i>Eriocrania sanglii</i> (Purple Spring Jewel)						1
	4.001 BF118 – <i>Enteucha acetosae</i> (Sorrel Dot)						
	4.002 BF116 – <i>Stigmella lapponica</i> (Grey Birch Dot)					2	3



Migrant Moth Sightings [Macro and Micro]

Migrant Moth Sightings By Year (2020–2025)

Jump to: [Macro Moths](#) | [Micro Moths](#)

Macro Moths

Image	Migrant Moth Species	2020	2021	2022	2023	2024	2025
	69.004 BF1972 – Convolvulus Hawk-moth (<i>Agrius convolvuli</i>)	2		2	2	3	
	69.005 BF1973 – Death's-head Hawk-moth (<i>Acherontia atropos</i>)			1	1	1	1
	69.009 BF1983 – Broad-bordered Bee Hawk-moth (<i>Hemaris fuciformis</i>)						
	69.010 BF1984 – Hummingbird Hawk-moth (<i>Macroglossum stellatarum</i>)	17	4	56	32	2	74
	69.011 BF1985 – Oleander Hawk-moth (<i>Daphnis nerii</i>)						
	69.014 BF1987 – Bedstraw Hawk-moth (<i>Hyles gallii</i>)						
	69.015 BF1990 – Striped Hawk-moth (<i>Hyles livornica</i>)			1			
	69.018 BF1993 – Silver-striped Hawk-moth (<i>Hippotion celerio</i>)						
	70.023 BF1689 – Mullein Wave (<i>Scopula marginipunctata</i>)	4		1	1		
	70.033 BF1678 – Blair's Mocha (<i>Cyclophora puppillaria</i>)					1	
	70.038 BF1716 – The Vestal (<i>Rhodometra sacraria</i>)			3	1		2
	70.047 BF1720 – The Gem (<i>Nycterosea obstipata</i>)			1		2	
	70.083 BF1771a – Cypress Carpet (<i>Thera cupressata</i>)	2					1

Micro Moths

Image	Migrant Moth Species	2020	2021	2022	2023	2024	2025
	15.0131 BF291a – Caloptilia honoratella (Pale Maple Stilt)			1		3	
	16.005 BF428 – Yponomeuta rorrella (Willow Ermine)	14	14	18	28	31	10
	18.001 BF464 – Plutella xylostella (Diamond-back Moth)	8	1	35	50	152	168
	49.0161 BF981a – Archips argyrospila (Fruit-tree Leaf-roller)						
	49.261 BF1157 – Crocidosema plebejana (Tree-mallow Tortrix)						
	49.3431 BF1215 – Thaumatotibia leucotreta (False Codling Moth)					1	
	62.021 BF1441 – Oncocera semirubella (Rosy Knot-horn)					3	5
	62.025 BF1454b – Dioryctria sylvestrella (Chequered Pine Knot-horn)						
	62.04 BF1460 – Apomyelois ceratoniae (Locust Bean Moth)						
	63.001 BF1372 – Paracorsia repandalis (Scarce Straw Pearl)						
	63.002 BF1368 – Loxostege sticticalis (Mugwort Pearl)						
	63.028 BF1376 – Ostrinia nubilalis (European Corn-borer)			1			1
	63.031 BF1395 – Udea ferrugalis (Rusty Dot Pearl)	1	1	16	14	5	34



c. Tables

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Tables	>	Macros	>	Historical Statistics
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i. Historical Statistics [Macro and Micro]

These 2 tables are merely presented to show a tabulated view of records, specifically Species, Abundance, Sites, Recorders and Tetrads. They are already shown previously in chart form, but here, you can view the table by years, or drill into the year's itself and view records by month.

Annual – Macro – Moth Statistics
 [based on all instances of a moth's presence – adult, larvae, caterpillar, pupa, etc.]
[Click a year to see the monthly breakdown](#)

Year	Species	Abundance	Sites	Recorders	Tetrads
2000	256	4677	131	35	74
2001	283	4572	144	35	88
2002	283	9626	97	37	59
2003	355	33471	167	61	97
2004	373	42797	227	62	115
2005	380	35060	203	72	116
2006	401	69745	299	90	159
2007	381	39386	253	85	143
2008	388	43088	269	90	161
2009	394	55316	314	104	182
2010	399	93568	422	127	218
2011	423	89801	446	122	230
2012	389	64368	313	112	174
2013	394	82565	284	117	181
2014	390	36176	198	90	140
2015	361	31093	171	70	126
2016	375	27595	180	93	135
2017	359	17724	171	95	136
2018	373	19832	178	79	136
2019	403	43925	281	171	190
2020	401	34375	367	250	242
2021	419	35829	347	244	235
2022	430	45279	421	279	267
2023	454	59876	592	336	308
2024	446	71686	794	417	340
2025	456	103533	794	414	330

Monthly -Macro- Breakdown for 2024

Month	Species	Abundance	Sites	Recorders	Tetrads
Jan	11	69	12	9	11
Feb	28	517	39	32	35
Mar	41	1910	66	47	51
Apr	84	1475	78	56	62
May	185	5034	205	120	134
Jun	246	9326	254	149	170
Jul	294	18021	265	166	174
Aug	248	18950	230	167	162
Sep	153	12492	131	93	94
Oct	83	2146	92	66	65
Nov	49	1427	49	36	37
Dec	13	319	18	16	17

Similar for the Micro Moths.



ii. First and Latest Records for the Current Year

This table takes the data from the moth records database and plots the FIRST and LAST recorded dates of any species and displays them, with some additional data, for both Macro and Micro moths. They are sorted by default, to FIRST DATE order ascending, but all the columns are available to sort on.

NOTE – for the First and Latest Date columns, it is essential that you sort on the 'FD Sort' and the 'LD Sort' column headers.

NOTE – also, the First and Last Dates may or may not represent the actual moths and dates, but this is dependent on whether a recent iRecord import has been done and also if the records have been verified.

Annual First/Latest Moth Records (based on most recent iRecord data import)

Total Records Retrieved for 2025: 1031 | Unique (by Taxon + Date): 947 | Macro Records: 501 (Unique: 455) | Micro Records: 530 (Unique: 492)

[Jump to Macro Moths Table ↓](#)

Macro Records

Table with columns: Checklist No., Taxon, Common Name, First Date, FD Isort1, Latest Date, LD Isort1, Site, Tetrads, Count, Stage, Sort Number. Rows include species like Phigalia pilosaria, Agriopsis leucophaea, and others.

Micro Records

Table with columns: Checklist No., Taxon, Common Name, First Date, FD Isort1, Latest Date, LD Isort1, Site, Tetrads, Count, Stage, Sort Number. Rows include species like Hefmannophila pseudospirostella, Endrosis saccharella, and others.



d. Trending – a look at some trends in the records and those out there, recording the moths

Trending		>	Quick-View Trends
Records	Species		Recorder Records Trends
1205	256		Species Records Trends
1569	282		Species Records By Taxonomy Type
2670	281		
8018	356		

There are 4 reports here:

1. **Quick-view Trends** – using a Word-cloud to show at-a-glance, the values of records by taxon/species and also for record numbers for a year by recorders.
2. **Recorder Records Trends** – allows a full view of the Top 20 recorders, by records submitted, selectable by year, back to 2020, showing their top-recorded species and numbers/abundance recorded – for Adult life-stage only. Also allows a graph and for each year chosen, a breakdown of those species recorded. It also shows the first and latest records submitted by each of the top 20 recorders – note – all the values are based on the latest verified records imported from iRecord data, so there may be a lag of up to a month or so. The counts for any recorder are where the recorder has recorded solely their own records and not when recorded and submitted as part of a group.
3. **Species Records Trends** – shows, for selectable years, the Top20 species/taxon recorded. Shows the total records received and also the count/abundance total for each, based on Adult life stage records. It also shows the first and latest reports of the top 20 species/taxon, noting the possible lag dependant on when the last iRecord upload of records has been done. Clicking the image will open up the master moth page for the moth, so you can look at its full record and information, in detail. Clicking on the species name will open up some more information below showing the records submitted for other years and the breakdown of records submitted throughout the current year. There is also a Graph to view if desired.
4. **Species Records By Taxonomy Type** – shows the top 5,10, 15, or 20 recorded moths, by all or selected Taxonomy Type and can display the default of Record Counts, or can show Abundance Counts. As before previous years can be viewed as well – back to 2020.

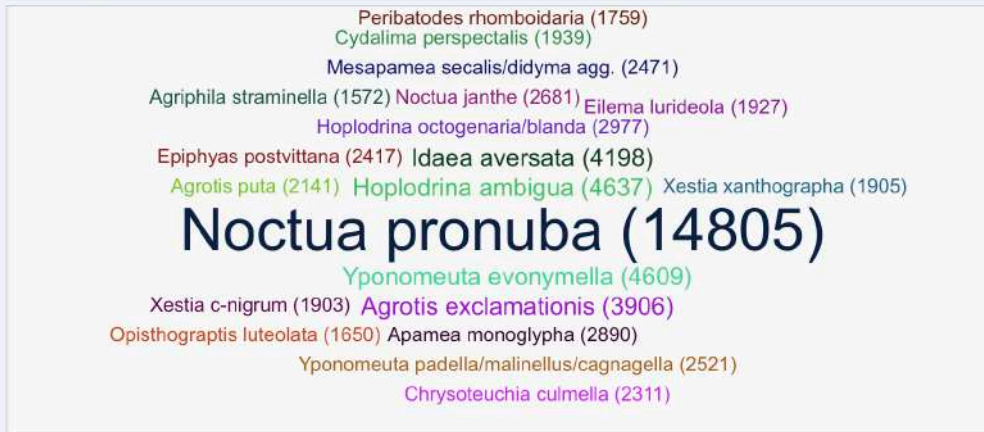


Quick-view Trends – Word Clouds

Top 20 Trends

Select Year: 2025

Trending Species Abundance/Count (2025 - Adult-stage only)



Trending Recorder Submissions (2025)



In the top cloud, for Trending Species Abundance/Count, clicking the species name will take you to the moth master record for full information.

Selecting other years, back to 2020, will show you the top 20 species/taxon at-a-glance.

The number in brackets is the abundance/count for the year selected, based on Adult Life Stage records only.

The lower cloud for Trending Recorder Submissions, shows the top 20 recorders for the selected year.



Recorder Records Trends

Top 20 Derbyshire (VC57) Moth Recorders - based on latest iRecord Upload

Note - counted only where the sole recorder named, not within a group

(click the "Recorder" name to display more information below)

Select Year: 2025

Rank	Recorder	Records	Species	First	Latest	Top Taxon [based on moth records]	(Common Name)
1	Evans, Dave	4,466	545	02/02/2025	19/09/2025	Epiphyas postvittana	Light Brown Apple Moth
2	Ashton, Clive	4,108	492	21/02/2025	01/10/2025	Emmelina monodactyla	Common Plume
3	Newcombe, Dave	3,132	361	07/03/2025	20/08/2025	Peribatodes rhomboidaria	Willow Beauty
4	Christian Heintzen	1,871	344	14/01/2025	28/07/2025	Noctua pronuba	Large Yellow Underwing
5	Hallam, Brian	1,692	311	20/02/2025	25/09/2025	Epiphyas postvittana	Light Brown Apple Moth
6	roome, martin	1,646	299	05/03/2025	19/09/2025	Epiphyas postvittana	Light Brown Apple Moth
7	Orridge, Steve	1,555	297	21/02/2025	29/07/2025	Lacanobia oleracea	Bright-line Brown-eye
8	Turner, Jan	1,502	235	21/03/2025	26/09/2025	Hoplodrina ambigua	Vine's Rustic
9	Plant, Stephen	1,487	241	08/03/2025	27/09/2025	Agrotis exclamationis	Heart and Dart
10	Mahadevan, Nikki	1,197	292	14/01/2025	26/09/2025	Noctua pronuba	Large Yellow Underwing
11	Watson, Adrian	1,196	248	21/03/2025	22/08/2025	Epiphyas postvittana	Light Brown Apple Moth
12	Morris, Sid	1,175	329	19/01/2025	01/10/2025	Epiphyas postvittana	Light Brown Apple Moth
13	Michael Williams	1,174	320	05/03/2025	18/09/2025	Agrotis exclamationis	Heart and Dart
14	Knass, David	1,146	181	09/03/2025	10/09/2025	Noctua pronuba	Large Yellow Underwing
15	Steven Bell	879	242	03/02/2025	07/09/2025	Noctua pronuba	Large Yellow Underwing
16	Andrew Shervill	828	192	30/03/2025	03/10/2025	Noctua pronuba	Large Yellow Underwing
17	Pete Mella	799	179	24/03/2025	15/08/2025	Agrotis exclamationis	Heart and Dart
18	loverock, neil	759	214	10/06/2025	18/08/2025	Idaea aversata	Riband Wave
19	Hobby, Brian	752	221	22/02/2025	26/09/2025	Opisthograptis luteolata	Brimstone Moth
20	Jim Windle	721	212	24/03/2025	02/10/2025	Epiphyas postvittana	Light Brown Apple Moth

Shows the Top 20 recorders for the year selected, showing number of records submitted, the species total, the first and latest submissions, subject to the latest iRecord upload and shows the top species/taxon recorded in that year, by the respective recorder.

Clicking the recorder link will open up a lower section, showing both the records for this recorder for previous/other years.

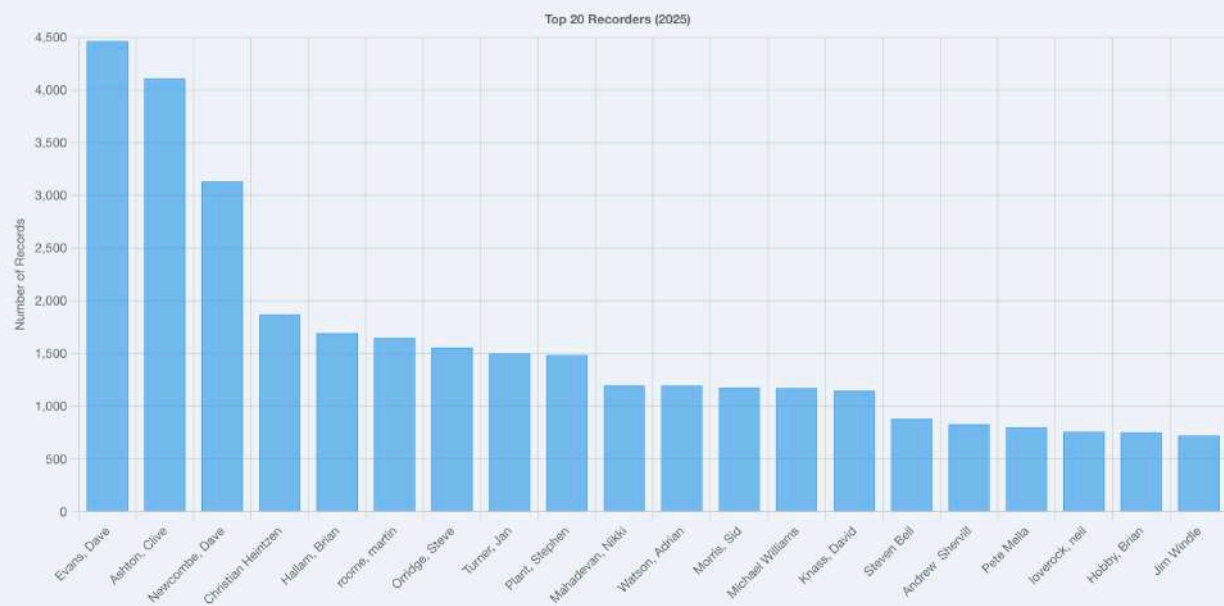
The bottom table shows a monthly detail for records and the top species recorded by that recorder, for the particular month.

Again, clicking the species/taxon name, will take you to the master page for that particular moth.

There is also a graph available



Top 20 Recorders - 2025



Year-by-Year Records for Evans, Dave

Year	Records
2023	1,679
2024	2,738
2025	4,466

Monthly Records for Evans, Dave (2025)

Month	Records	Top Taxon [based on abundance count]
January	0	-
February	4	Phyllonorycter leucographella
March	86	Orthosia cerasi
April	187	Orthosia gothica
May	544	Glyphipterix fuscoviridella
June	987	Yponomeuta evonymella
July	1,561	Noctua pronuba
August	906	Parornix anglicella
September	191	Noctua pronuba
October	0	-
November	0	-
December	0	-



Species Records Trends

Top 20 Derbyshire (VC57) Moth Species - based on latest iRecord Upload

(click the "Taxon" name for more information below ⓘ - note: Count/Abundance Total's are for 'Adult' Life-stage only)

Select Year: 2025

Rank	Image	Taxon/Species Name	(Common Name)	Total Records	Count/Abundance Total	First	Latest	Top Recorder
1		Noctua pronuba	Large Yellow Underwing	917	14,805	01/05/2025	02/10/2025	Evans, Dave
2		Epiphyas postvittana	Light Brown Apple Moth	648	2,417	15/01/2025	01/10/2025	Evans, Dave
3		Idaea aversata	Riband Wave	622	4,198	16/05/2025	30/09/2025	Evans, Dave
4		Agrotis exclamationis	Heart and Dart	603	3,906	24/04/2025	09/09/2025	Plant, Stephen
5		Opisthograptis luteolata	Brimstone Moth	586	1,650	22/04/2025	01/10/2025	Evans, Dave
6		Peribatodes rhomboidaria	Willow Beauty	546	1,759	16/05/2025	01/10/2025	Evans, Dave
7		Ochropleura plecta	Flame Shoulder	529	1,212	11/04/2025	09/09/2025	Evans, Dave
8		Agrotis puta	Shuttle-shaped Dart	508	2,141	12/04/2025	01/10/2025	Evans, Dave
9		Apamea monoglypha	Dark Arches	490	2,890	16/05/2025	06/09/2025	Evans, Dave
10		Lacanobia oleracea	Bright-line Brown-eye	410	1,071	12/04/2025	23/08/2025	Ashton, Clive
11		Dysstroma truncata	Common Marbled Carpet	403	897	29/04/2025	01/10/2025	Ashton, Clive
12		Rivula sericealis	Straw Dot	381	876	11/05/2025	30/09/2025	Ashton, Clive
13		Hoplodrina octogenaria/blanda	Uncertain/Rustic agg	378	2,977	16/05/2025	06/09/2025	Evans, Dave
14		Patania ruralis	Mother of Pearl	356	1,538	19/06/2025	01/09/2025	Newcombe, Dave
15		Noctua janthe	Lesser Broad-bordered Yellow Underwing	348	2,681	30/06/2025	06/09/2025	Evans, Dave
16		Spilosoma lutea	Buff Ermine	343	1,098	21/04/2025	29/08/2025	Ashton, Clive
17		Abrostola tripartita	The Spectacle	340	534	04/04/2025	17/09/2025	Ashton, Clive
18		Oligia strigilis agg.	Marbled Minor agg	338	1,248	01/05/2025	25/07/2025	Evans, Dave
19		Hoplodrina ambigua	Vine's Rustic	334	4,637	28/04/2025	19/09/2025	Turner, Jan
20		Mesapamea secalis/didyma agg.	Common Rustic/Lesser Common Rustic agg	324	2,471	30/05/2025	05/09/2025	Evans, Dave

Shows the top 20 species/taxon recorded for the year selected.

Shows the total records, the count/abundance total, based on the Adult Life Stage records and the first and latest reports of the species, considering the latest iRecord upload to the website.

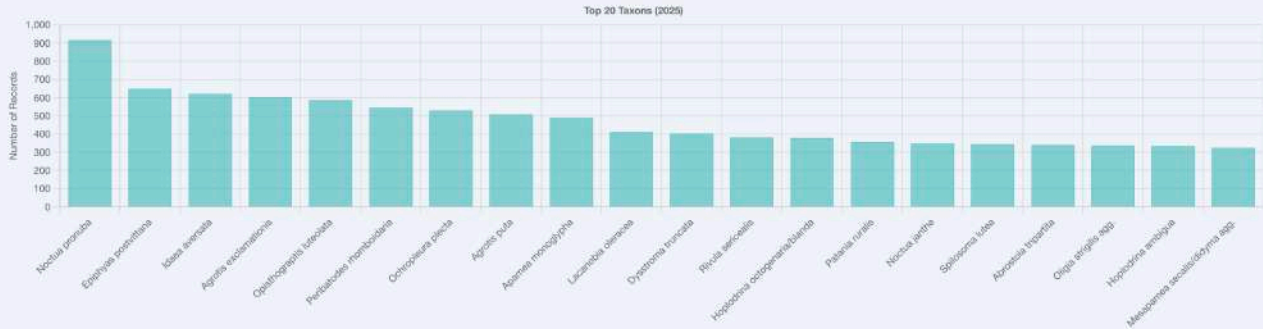
It also shows the top recorder for that species for that year.

Click the image to go to the moth master page.

Click the species name to open up some more information below, showing the year by year records for this species and also a table showing the recording of this species for each month of the current year selected and the top recorder for each month.

There is also a graph to show the top 20 species/taxon recorded for the year selected.

See over for details.



Year-by-Year Records for *Opisthograptis luteolata*

Year	Records
2020	208
2021	235
2022	212
2023	264
2024	560
2025	589

Monthly Records for *Opisthograptis luteolata* (2025)

Month	Records	Top Recorder [by records submitted]
January	0	-
February	0	-
March	0	-
April	11	Ashton, Clive
May	127	Ashton, Clive
June	174	Ashton, Clive
July	149	Evans, Dave
August	96	Evans, Dave
September	31	Ashton, Clive
October	1	Ashton, Clive
November	0	-
December	0	-

Top Derbyshire (VC57) Species Selectable By Taxonomy Type

(based on latest iRecord Upload)

Select Year: 2026 Taxonomy: All Top: 20 Rank by: Record count

RESET GRAPH

Rank (by records)	Checklist No. (click for moth page)	Taxon (click a taxon for detailed view below)	Common Name	Total Records	Abundance Total	First	Latest	Top Recorder
1	73.244 BF2187	<i>Orthosia cerasi</i>	Common Quaker	125	1,064	07/02/2026	21/03/2026	Evans, Dave
2	73.249 BF2190	<i>Orthosia gothica</i>	Hebrew Character	85	276	11/02/2026	21/03/2026	Evans, Dave
3	73.242 BF2188	<i>Orthosia incerta</i>	Clouded Drab	70	225	21/02/2026	21/03/2026	Evans, Dave
4	73.245 BF2182	<i>Orthosia cruda</i>	Small Quaker	55	195	24/02/2026	21/03/2026	Evans, Dave
5	70.251 BF1930	<i>Biston strataria</i>	Oak Beauty	46	85	22/02/2026	20/03/2026	Evans, Dave
6	73.250 BF2189	<i>Anorthoa munda</i>	Twin-spotted Quaker	32	48	02/03/2026	21/03/2026	Evans, Dave
7	70.245 BF1663	<i>Alsophila aescularia</i>	March Moth	31	83	11/02/2026	18/03/2026	Ashton, Clive
8	73.069 BF2243	<i>Xylocampa areola</i>	Early Grey	30	60	05/03/2026	21/03/2026	Evans, Dave
9	73.194 BF2258	<i>Conistra vaccinii</i>	Chestnut	27	36	12/01/2026	17/03/2026	Ashton, Clive
10	32.018X	<i>Agonopterix ciliella/heracliana</i>	-	24	29	22/02/2026	18/03/2026	Ashton, Clive
11	70.247 BF1926	<i>Phigalia pilosaria</i>	Pale Brindled Beauty	23	53	13/01/2026	17/03/2026	roome, martin
12	49.039 BF998	<i>Epiphyas postvittana</i>	Light Brown Apple Moth	22	28	05/01/2026	20/03/2026	Evans, Dave
13	45.010 BF1497	<i>Amblyptilia acanthadactyla</i>	Beautiful Plume	22	23	24/02/2026	20/03/2026	Evans, Dave
14	73.210 BF2256	<i>Eupsilia transversa</i>	Satellite	22	28	10/02/2026	20/03/2026	Ashton, Clive

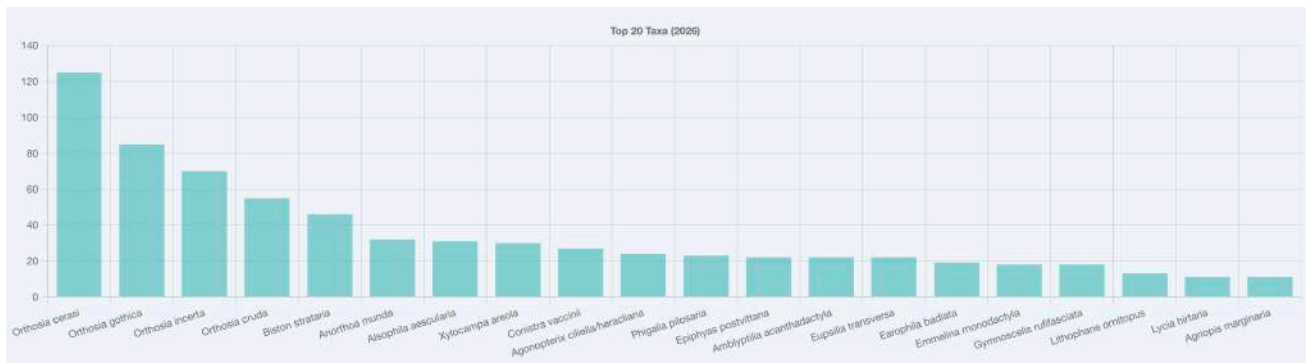


Year-by-Year Records for Orthosia cerasi

Year	Records
2020	124
2021	163
2022	127
2023	127
2024	231
2025	268
2026	125

Monthly Records for Orthosia cerasi (2026)

Month	Records	Top Recorder
January	0	-
February	26	Hallam, Brian
March	99	Evans, Dave
April	0	-
May	0	-
June	0	-
July	0	-
August	0	-
September	0	-
October	0	-
November	0	-
December	0	-





4. MOTHS BY MONTH

Moths By Month Information News Resources

What To Look For Now

Activity Periods Showing Actual Records

Predicted Activity Periods > Yearly Activity – Macros

Yearly Activity – Micros

Yearly Activity – Leaf-Miners

and immediately below.

This series of charts and lists attempts to show when you can expect to see a moth either in flight, or mining, based on the latest trends across the UK.

These monthly indicators are displayed for each moth within its master data-sheet and also across the top of the species maps.

They are not definitive and as we will see later, some moth species are starting to show later flight

times, maybe due to climate change, but for the main part they give a good indication of a likely moth presence.

a. What to Look for Now

A major re-write here, has provided users with a rich page, where they can view the 'expected' moths for any month, current, future, or past – based upon the moth species 'predicted' flight and mine periods, and using actual records from the database to back that up or show variations in moth presence over months and years.

Selected Year (2026) and Month Preview: Jan Feb Mar [Apr] May Jun Jul Aug Sep Oct Nov Dec 2026 Try a different year

Records for month/year selected / highest recorded for this month in any year [eg. 24/151 (in 1974)]

- was predicted in the month and has records
- has a record within its predicted period, but not yet verified - only appears in the NEF
- was predicted in the month, but has no records yet, or did not get any records
- was recorded outside its predicted period - where not verified only appears in the NEF

Macro - Adult Flight Activity (66) — What to look for in (2026) - April

The default view shows the 'current' month – in this case, March AND for the current year – in this case 2026.

See below for explanations of the functionality of this screen.



As the top key says, all moths shown in the grid, with a WHITE background, means ‘the moth was predicted in the month AND has records.

Moths shown with a yellow background mean ‘the moth was predicted in the month, BUT currently has no records, or did not get any records’, if looking at previous months/years.

Moths shown with a green background mean ‘has a record within its predicted period, but not yet verified - only appears in the NFY’, with a green disc to indicate this NFY status.

Moths shown with a PINK background means ‘was recorded outside its predicted period ▲ - where not verified only appears in the NFY’

The figures at the bottom of each moth in the grids shows the number of records for the selected month and year, followed after the ‘/’ with the best ever recorded number of the moth, for ALL data years, with the year of that maximum record shown in brackets, i.e. 24/151 (in 1974).

The user can view future months and also previous months and previous years, to see what moths were seen, recorded, and which were inside or outside of their predicted periods.

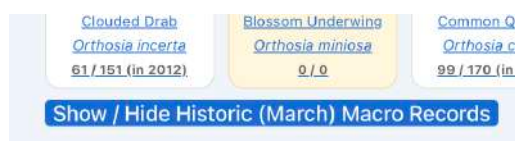
There are grids for MACRO, MICRO and LEAF-MINERS

Clicking a grid will take the user directly to the actual master moth record for the selection. Navigation to months and year is straightforward using the month/year selection panel



Also provided, to help make the presence of moths over different months and years easier, is the option of displaying a table, which tabulates the grids and makes the view across the previous 2020-2026 year-span easier to comprehend, rather than having to select different months and years and then trying to remember what appeared, what did not, and when....

Simply click the button under each of the Macro, Micro and Leaf-miner grids to see these table listings.



Show / Hide Historic (March) Macro Records		2020	2021	2022	2023	2024	2025	2026	Max [year]
	65.016 BF1859 - <i>Achyia flavicornis</i> (Yellow-horned)	1	1	1	4	11	13	6	17 (2011)
	68.010 BF1858 - <i>Macroglossum stellatarum</i> (Hummingbird Hawk-moth)	1	0	0	0	1	1	2	2 (2026)
	70.069 BF1769 - <i>Europhila badiata</i> (Shoulder Strice)	1	1	3	1	9	23	15	23 (2026)
	70.096 BF1760 - <i>Chloroclysta siterata</i> (Red-green Carpet)	0	3	2	1	5	8	2	8 (2026)
	70.098 BF1761 - <i>Chloroclysta matala</i> (Autumn Green Carpet)	0	0	0	0	0	0	1	1 (1987)
	70.101 BF1775 - <i>Colostyga multistrigaria</i> (Mottled Grey)	2	9	6	9	5	8	6	13 (2011)
	70.103 BF1750 - <i>Lampropteryx suffusata</i> (Water Carpet)	0	0	1	0	6	8	3	8 (2026)
	70.161 BF1852 - <i>Gymnocoelis rufifasciata</i> (Double-striped Pug)	2	13	15	4	12	13	18	19 (2011)
	70.198 BF1852 - <i>Eupithecia abbreviata</i> (Brindled Pug)	2	5	4	3	9	2	9	9 (2024)
	70.202 BF1861 - <i>Trichopteryx carpinata</i> (Early Tooth-striper)	1	1	0	0	0	2	1	6 (2011)
	70.203 BF1861 - <i>Archaearis parthenas</i> (Orange Underwing)	1	1	1	1	6	8	3	22 (2011)
	70.237 BF1912 - <i>Solenia dentaria</i> (Early Thorn)	5	9	17	1	22	29	8	29 (2026)
	70.246 BF1603 - <i>Alsophila aescularia</i> (March Moth)	3	4	21	14	29	48	18	58 (2011)
	70.246 BF1828 - <i>Apocleima hispidaria</i> (Small Brindled Beauty)	0	0	0	0	0	0	0	1 (2010)
	70.247 BF1920 - <i>Phigalia pilosaria</i> (Pale Brindled Beauty)	0	0	1	1	3	13	5	13 (2026)
	70.248 BF1927 - <i>Lycia hirtaria</i> (Brindled Beauty)	0	4	2	2	12	19	11	19 (2026)
	70.251 BF1930 - <i>Biston scorataria</i> (Oak Beauty)	7	15	17	22	42	66	34	66 (2026)
	70.253 BF1932 - <i>Agripaia leucophaearia</i> (Spring Uscher)	0	0	0	0	0	0	0	1 (1991)



b. Activity Periods Showing Actual Records

This new page has been added to allow users to see the moth with its predicted flight or mine period [Jan – Dec], plus, the added benefit of seeing the actual records recorded against that moth, for all-time and also for an individual taxonomy type of Macro, Micro and Leaf-miner. The black-bordered hatched boxes indicate the predicted flight/mine periods across the row for each moth displayed. Inside, where shown, are numbers – these represent the number of records attributed to that moth [by the selection indicated above – e.g. Macro – ALL.

Select Type (as required): Macro Select Year (or leave as ALL years): ALL Reset

Macro - Flight Periods Overlaid With Recorded Data (All Years) - Adults
 Total moths listed: 590 Blue intensity = number of real recorded sightings Grey hatching = predicted flight period window **** indicates a migrant**

Moth	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3.001 BF0015 - <i>Triodia sylvina</i> – Orange Swift					2	6	57	204	20			
3.002 BF0017 - <i>Korscheltellus lupulina</i> – Common Swift	1			1	311	758	28	13	1			
3.003 BF0018 - <i>Korscheltellus fusconebulosa</i> – Map-winged Swift					10	144	131	8				
3.004 BF0016 - <i>Phymatorus heceta</i> – Gold Swift					10	32	11	10				
3.005 BF0014 - <i>Hemialus humuli</i> – Ghost Moth					3	305	170	16	1			
50.001 BF162 - <i>Cossus cossus</i> – Goat Moth							1					
50.002 BF0161 - <i>Zeuzera pyrina</i> – Leopard Moth	7				1	83	181	17	1			
52.002 BF0370 - <i>Sesia apiformis</i> – Hornet Moth												
52.003 BF0371 - <i>Sesia bembeciformis</i> – Lunar Hornet Moth	2					8	22					
52.006 BF0375 - <i>Synanthedon sabeciformis</i> – White-barred Clearwing												
52.007 BF0381 - <i>Synanthedon culiciformis</i> – Large Red-belted Clearwing	3				2	7						
52.008 BF0380 - <i>Synanthedon formicaeformis</i> – Red-tipped clearwing					5	14	16	2				
52.012 BF0374 - <i>Synanthedon vespaformis</i> – Yellow-legged Clearwing						7	9	2				
52.013 BF0373 - <i>Synanthedon tiouliformis</i> – Currant Clearwing	2				5	34	13					
52.014 BF0382 - <i>Bembecia ichneumoniformis</i> – Six-belted Clearwing						13	58	12				
54.002 BF0163 - <i>Adscita stactica</i> – The Forester	3				4	46	9					

Example shows Macro moths, where it should be noted – based upon ‘Adult’ life-stage records only. The numbers above are based on ALL validated records existing in the Derbyshire Moths database. The shading/intensity of each numbered grid, are darker and lighter, to give a general visual indication of the number of records recorded.

Where there are numbered/shaded months, this shows a record of a moth, outside of its predicted flight/mine period – an outlier, if you will.

Selecting a year will give you that year’s records accordingly – in this example – 2025.

Select Type (as required): Macro Select Year (or leave as ALL years): 2025 Reset

Macro - Flight Periods Overlaid With Recorded Data (2025) - Adults
 Total moths listed: 590 Blue intensity = number of real recorded sightings Grey hatching = predicted flight period window **** indicates a migrant**

Moth	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3.001 BF0015 - <i>Triodia sylvina</i> – Orange Swift					1	1	9	98	6			
3.002 BF0017 - <i>Korscheltellus lupulina</i> – Common Swift					57	28						
3.003 BF0018 - <i>Korscheltellus fusconebulosa</i> – Map-winged Swift					4	23	20					
3.004 BF0016 - <i>Phymatorus heceta</i> – Gold Swift						3		1				
3.005 BF0014 - <i>Hemialus humuli</i> – Ghost Moth					1	13	3					
50.001 BF162 - <i>Cossus cossus</i> – Goat Moth												
50.002 BF0161 - <i>Zeuzera pyrina</i> – Leopard Moth					1	17	2					
52.002 BF0370 - <i>Sesia apiformis</i> – Hornet Moth												
52.003 BF0371 - <i>Sesia bembeciformis</i> – Lunar Hornet Moth						4	1					
52.006 BF0375 - <i>Synanthedon sabeciformis</i> – White-barred Clearwing												
52.007 BF0381 - <i>Synanthedon culiciformis</i> – Large Red-belted Clearwing												
52.008 BF0380 - <i>Synanthedon formicaeformis</i> – Red-tipped clearwing					4	3						
52.012 BF0374 - <i>Synanthedon vespaformis</i> – Yellow-legged Clearwing						1	2					
52.013 BF0373 - <i>Synanthedon tiouliformis</i> – Currant Clearwing					4	2						
52.014 BF0382 - <i>Bembecia ichneumoniformis</i> – Six-belted Clearwing						2	2					
54.002 BF0163 - <i>Adscita stactica</i> – The Forester					3	2						

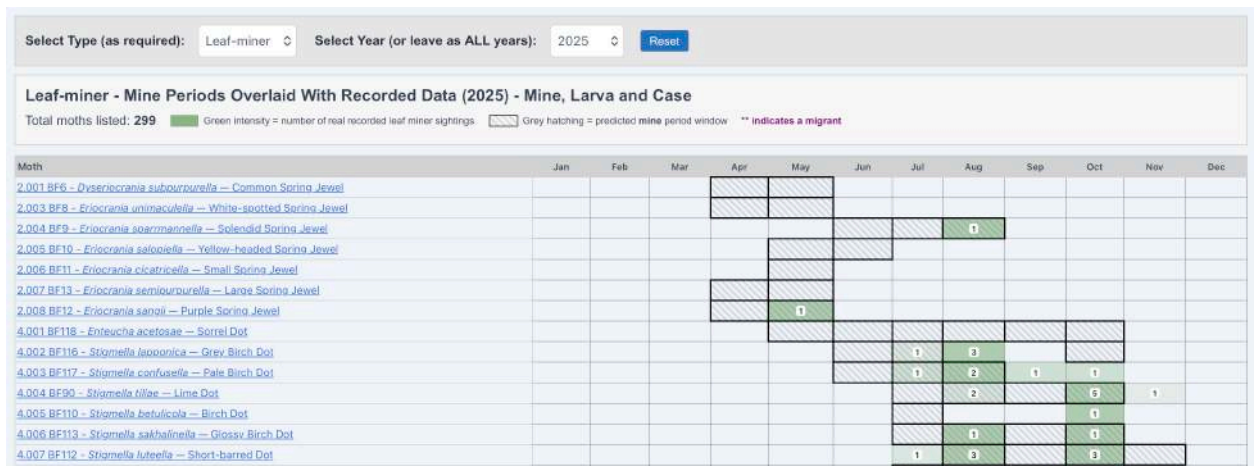


Choosing Micro moths shows similar only it is color-coded in Orange, just for clarity.



The same hatching and numbers and colour-shading apply. Note – Micro moths are also restricted to ‘Adult’ life-stages, as with Macros and also shown the predicted flight periods Jan – Dec.

Choosing Leaf-miners will show a slightly different table, with green, now showing predicted ‘Mine’ periods and also selecting records where life-stage like ‘case’, or like ‘mine’, or like ‘larva’, or any combination of these words.



There are a couple of other things to note.

- On all taxonomy types [macro, micro and leaf-miner] any moths tagged as purple ** indicate that it is a Migrant moth - ** indicates a migrant
- On Micro moths there is also an indicator for any moth classed/tagged as a leaf-miner - * indicates a leaf-miner



c. Predicted Activity Periods – for Macro, Micro and Leaf-miner moths

Macro

Flight Period Yearly Activity – Predicted Activity From Species Pages

[Send Page Feedback](#)

Selected Type: **Macro** | Total Moths Listed: **588**

Jump to a Moth:

Select a Moth

Image	Moth Species (Flying)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	3.001 BF0015 - Orange Swift - Hepialidae - Triodia sylvina												
	3.002 BF0017 - Common Swift - Hepialidae - Korscheltellus lupulina												
	3.003 BF0018 - Map-winged Swift - Hepialidae - Korscheltellus fusconebulosa												
	3.004 BF0016 - Gold Swift - Hepialidae - Phymatopus hecta												
	3.005 BF0014 - Ghost Moth - Hepialidae - Hepialus humuli												
	50.001 BF162 - Goat Moth - Cossidae - Cossus cossus												
	50.002 BF0161 - Leopard Moth - Cossidae - Zeuzerinae - Zeuzera pyrina												
	52.002 BF0370 - Hornet Moth - Sesiidae - Sesia apiformis												
	52.003 BF0371 - Lunar Hornet Moth - Sesiidae - Sesia bembeciformis												
	52.006 BF0375 - White-barred Clearwing - Sesiidae - Synanthedon spheciformis												
	52.007 BF0381 - Large Red-belted Clearwing - Sesiidae - Synanthedon culiciformis												
	52.008 BF0380 - Red-tipped Clearwing - Sesiidae - Synanthedon formicaeformis												

If the list is long you can click Selection, then choose a moth to go straight to that record in the table.

65.001 BF1645 - Scalloped Hook-tip - Drepanidae - Falcaria lacertinaria
65.002 BF1646 - Oak Hook-tip - Drepanidae - Watsonalla binaria
65.003 BF1647 - Barred Hook-tip - Drepanidae - Watsonalla cultraria

The moth record will be highlighted a for a few seconds, for you to view, or click to see the moth’s master data-sheet record.

	65.001 BF1645 - Scalloped Hook-tip - Drepanidae - Falcaria lacertinaria												
	65.002 BF1646 - Oak Hook-tip - Drepanidae - Watsonalla binaria												
	65.003 BF1647 - Barred Hook-tip - Drepanidae - Watsonalla cultraria												
	65.005 BF1648 - Pebble Hook-tip - Drepanidae - Drepana falcata												

As said above, this can be done for both Macro and Micro moths.



d. Mine Period – Yearly Activity

Mine Period Yearly Activity

Clicking on this will bring up a similar table as for the flight activity, only this time for those leaf-miner moths and their mining activity periods.

Mine Period Yearly Activity – Predicted Mine Activity From Species Pages

[Send Page Feedback](#)

Leaf Miners (295 total)

Jump to a Moth:

Select a Moth

Image	Moth Species (Mining)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2.001 BF6 - Eriocraniidae - Dyseriocrania subpurpurella												
	2.003 BF8 - Eriocraniidae - Eriocrania unimaculella - White-spotted Spring Jewel												
	2.004 BF9 - Eriocraniidae - Eriocrania sparrmannella - Splendid Spring Jewel												
	2.005 BF10 - Eriocraniidae - Eriocrania salopiella - Yellow-headed Spring Jewel												
	2.006 BF11 - Eriocraniidae - Eriocrania cicatricella												
	2.007 BF13 - Eriocraniidae - Eriocrania semipurpurella - Early Purple												
	2.008 BF12 - Eriocraniidae - Eriocrania sangii - Large Birch Purple												
	4.001 BF118 - Nepticulidae - Nepticulinae - Enteucha acetosae - Sorrel Dot												
	4.002 BF116 - Nepticulidae - Nepticulinae - Stigmella lapponica												
	4.003 BF117 - Nepticulidae - Nepticulinae - Stigmella confusella												
	4.004 BF90 - Nepticulidae - Nepticulinae - Stigmella tiliae - Lime Pigmy												
	4.005 BF110 - Nepticulidae - Nepticulinae - Stigmella betulicola - Birch Dot												
	4.006 BF113 - Nepticulidae - Nepticulinae - Stigmella sakhalinella - Glossy Birch Dot												
	4.007 BF112 - Nepticulidae - Nepticulinae - Stigmella luteella - Short-barred Pigmy												
	4.008 BF114 - Nepticulidae - Nepticulinae - Stigmella glutinosae - White-barred Alder Dot												
	4.009 BF115 - Nepticulidae - Nepticulinae - Stigmella alnetella - Silver-barred Alder Dot												
	4.010 BF111 - Nepticulidae - Nepticulinae - Stigmella microtheriella												
	4.011 BF109 - Nepticulidae - Nepticulinae - Stigmella prunetorum - Scarce Blackthorn Dot												

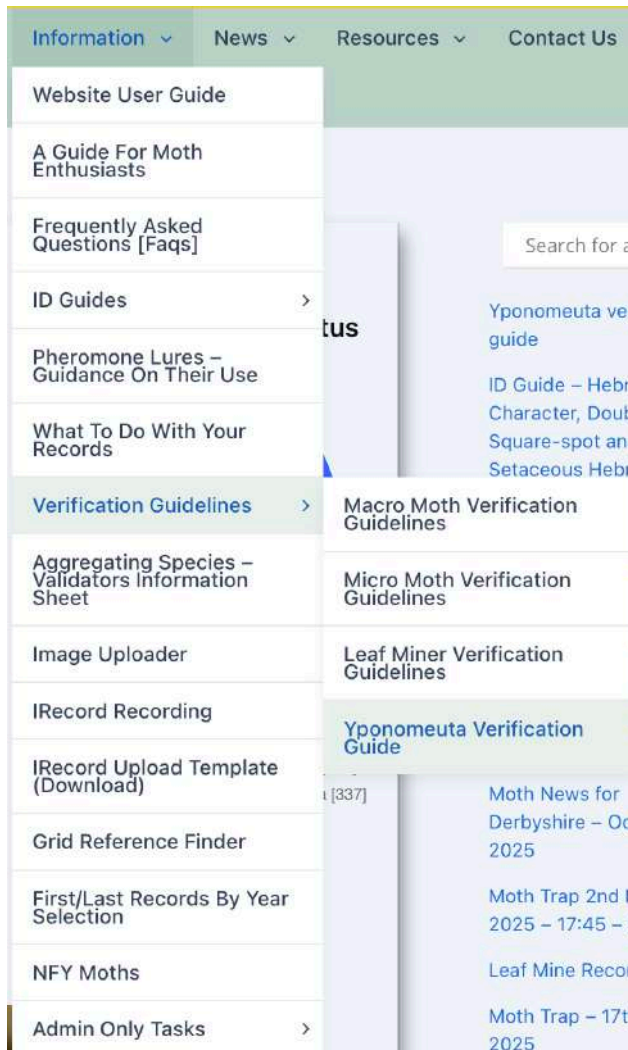


5. INFORMATION

This menu show links to all information available from the Derbyshire Moths website.

NOTE – most of self-explanatory, those marked ‘Admin Only’ are not available to general users.

Some are also under development, or will comment in the new year, e.g. New For Year / NFY Moths.



We will look at a few user options below.



a. Image Uploader

Image Uploader

Of interest is the ability to upload your images of moths, so they can be displayed and used within the website species pages and/or galleries.

All credits are given and copyrights are observed and protected.

Contributing to the Derbyshire Moths Website

Upload a suitable image you have of a Derbyshire moth – you will be credited and copyright of any image always remains with you.

Please name your file sensibly ["Moth Name" for example "Micropterix-aruncella.jpg" ..leave out the " "s]

Please note, that for the moment we are limiting the size of a file to less than 4mb.

[File types allowed: .jpg or .png]

Upload An Image

Select File

Upload

Name(required)

Email(required)

Leave a message

I agree to let Derbyshire Moths use my personal data for the website and for contacting me

Yes No



6. NEWS

[News](#) ▾ [Resources](#) ▾

[Derbyshire Moth News](#)

[Moth Traps](#)

This allows you to view all the Derbyshire Moth News Bulletins and any Moth Traps recorded on the website.

[Home](#) > [Derbyshire Moth News](#)

Derbyshire Moth News



[Derbyshire Moth News](#)

IDENTIFICATION GUIDANCE NOTES ON EPIRRITA GROUP

Admin-1024-rp / 05/10/2025



[Derbyshire Moth News](#)

Moth News for Derbyshire – September 2025

Admin-1024-rp / 02/10/2025

The September 2025 Moth News for Derbyshire features all the Derbyshire moth highlights during the month, a new species of Leaf Miner *Phyllocnistis xenia*, a feature on the DaNES Open Day and a feature on the NBN Awards, as the Derbyshire Moth Recording Team are finalists, plus lots more.

Derbyshire Moth Traps List

[Send Page Feedback](#)

- [Moth Trap 30th September 2025](#)



I ran my 20w actinic moth trap in my Melbourne garden overnight on 30th September 2025. Warm overcast with early morning light drizzle. – Results were as follows and in no particular order – Large Yellow Underwing(8); Lesser Yellow Underwing (4); Box Tree Moth (7); Light Emerald (1); Swallow-tailed Moth (1); Shuttle-shaped Dart (2); Double-striped ...

- [Moth Trap 19th/20th August 2025](#)



I ran my 20w actinic moth trap in my Melbourne garden overnight on 19th August 2025. Overcast with very light drizzle. – Results were as follows and in no particular order – Setaceous Hebrew Character (18), Lesser Broad-bordered Yellow Underwing (4), Lesser Yellow Underwing (4), Brimstone Moth (2), Willow Beauty (5), Common Wainscot (8), Box ...



7. RESOURCES

All available links to external resources are shown here.

Resources ▾
The VC57 Derbyshire Macro-Moth Report 2019-2023
Leafminers
IRecord Moth Reporting
Gelechiid Recording Scheme
FaceBook Moth Groups >
Other County Websites >
UK Moths
UK Moth Count
Moth Dissection
European Lepidoptera
Derbys & Notts Entomological Society
Cheshire Moth Charts
British Lepidoptera
British And Irish Moths
Atropos
Anglian Lepidoptera Equipment
Derbyshire WT – Moths



8. CONTACT US

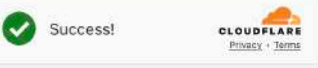


There are many channels by which you can make contact with the Derbyshire Moth Recording Team, or the Website Owner.

a. Contact the Recording Team

A form will open, where you can answer a few simple questions, then send in a message or request to the Team.

Contact Form



Your Name [required]

Your Email [required]

(Your name and email address is only collected for the purpose of replying to you, if needed)

Subject

Enjoying Derbyshire Moths Website?
 Yes No
Are you aware of the Derbyshire Moths Facebook Group?
 Yes No
[Visit the DM Facebook Group](#)
Do you Moth Trap?
 Yes No
Any additional message (optional)



b. Comments and Feedback

Another form is available, where you can send in specific comments, send in a set of images, or just leave a message in the Derbyshire Moths guestbook.

Visitor Comments and Feedback

For Specific Comments requiring a more formal or private feedback – please click [CONTACT](#)

If you have any quality images to send in to us, please click [HERE](#)

Or, post any general comments below...

[Write a new entry.](#)

2 entries.

Alison Pritchard wrote on 07/05/2025 at 7:29 AM

Just to say I've found this to be a very useful and valuable website. Think it's an essential resource to help support the conservation of moths in Derbys/Notts, and to help inform/educate people like me who wish to learn more. It must have taken lots of hard work to produce. Thank you.

Admin Reply by: Tony Davison

Hi Alison - Many thanks for your Guestbook entry and your kind words. We are so pleased that you are enjoying the website and finding it useful Kind regards Derbyshiremoths

Brian Hallam wrote on 26/03/2025 at 8:08 PM

This is a superb website, but I noticed that some of the links don't work. For example: Get Involved - We Need Your Help - Macros/Micros. I presume that the site is still being developed.

Admin Reply by: Tony Davison

Hi Brian - the system is now working - I replied via ordinary email as at time it wasn't - All should now be good.



9. ABOUT US

This is simply a page where we set out what and who we are and what the website is about and how we try to manage and protect your information, in accordance with the UK GDPR regulations.

About – Derbyshire Moths

[✉ Send Page Feedback](#)

Derbyshire Moth Recording

Your moth records are important to the **Derbyshire Moth Recording Team**. Although I am one of the Joint Derbyshire Moth Recorders, I do not directly accept or receive moth records via this website, and would encourage Derbyshire moth recorders to enter their moth records via **iRecord** – [CLICK HERE](#). However, I am more than happy to help out and direct recorders in anyway I can with regards to Moth Recording in Derbyshire. Contact me via the links provided. Thank you.

Derbyshire Moths

(henceforth referred to as DM) makes no guarantee or representations on any content of this web site or any web site that maybe accessed via hyperlink throughout this site.

- Any access to another web site from this web site is independent of DM and DM has no control over the content of other web sites and has not approved or endorsed the content of such web sites.
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- Please remember that this is a personal web site and is not intended to compete with any other web site of similar subject matter. The information on this web site is provided in all good faith and as general information. DM cannot be responsible for information provided by any other web site that is linked to and from this web site.
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- Any image uploaded must be your image, to protect the copyright of all images used here.
- Any images uploaded found to be in contravention of copyrights, will be removed from the website.
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- Cookies are collected on this website only for the purpose of preventing spam comments.

[Contact Us At Derbyshire Moths](#)



10. MOTH STATUS

Within the Derbyshire Moths website, a great deal of effort has been made to try and categorise the status of each species of moth recorded within the VC57 recording area.

This method of measuring, or collating the status, is used throughout the website and in all the reports and charts.

Essentially, for both Macro and Micro moths, the status falls into these 4/5 categories.

Macro

Macros – Extinct – [Black]
Macros – Generally Common / Widespread – [Blue]
Macros – Significant Record / Very Rare / Vagrant – [Brown]
Macros – Rare / Uncommon / Scarce – [Green]
Macros – Migrant – [Orange]
Macros – Red Data Species – [Red]
Macros – No Images Currently

Micro

Micros – Extinct [Black]
Micros – Uncertain/Unknown – Insufficient Data [Black]
Micros – Generally Common / Widespread – [Blue]
Micros – Significant Record / Very Rare / Vagrant – [Brown]
Micros – Rare / Uncommon / Scarce – [Green]
Micros – Migrants [Orange]
Micros – Red Data Species [Red]
Micros – No Images Currently

Note – the ‘No images Currently’ is not strictly a status but is useful for keeping track of what species we have images for and what we don’t.

Note – For Micro moths, the picture is much less clear, as there are many more micro moths than macro moths and also the records for micro moths are still being updated constantly, as new species are discovered. The picture for macro moths is much simpler and therefore clearer.



Moth Status Codes [including whether photographed or not]

Macro

● = SPECIES PHOTOGRAPHED / ● = SIGNIFICANT RECORD/ VERY RARE/ VAGRANT / ● = EXTINCT / ● = MIGRANT / ● = SCARCE, UNCOMMON, RARE / ● = GENERALLY COMMON, WIDESPREAD / ● = RED DATA SPECIES

Micro

● = SPECIES PHOTOGRAPHED / ● = SIGNIFICANT RECORD/ VERY RARE/ VAGRANT / ● = UNCERTAIN / UNKNOWN, INSUFFICIENT DATA / ● = MIGRANT / ● = SCARCE, UNCOMMON, RARE / ● = GENERALLY COMMON, WIDESPREAD / ● = RED DATA SPECIES



11. MOTH DATASHEETS/MASTER PAGES

All moths listed on the Derbyshire Moths website, has its own master page, where all the information known about it, is shown.

As we have seen from previously, a great deal of the reports allows a direct link to these master pages, so you, the user can make shortcuts and find your way around easier.

Having found your moth data-sheet/master page, here is a description of the information you can find there.

« Orange Swift Map-winged Swift »

3.002 BF0017 – Common Swift – *Korscheltellus lupulina* – (Linnaeus, 1758)
Adult Macro: CAT 1
 – click for Adult Macro Verification Guidelines

● – Generally Common / Widespread

Details Additional Information Recorded History

Taxonomy: [Macro](#) >>, >> [Hepialidae](#)
Other Names: *Hepialus lupulinus*
ID Difficulty: – easy to identify, generally distinctive and unlikely to be confused with other species.
ID pointers: The moth is fairly straight forward to identify – The male has brightly marked streaks, spots & blotches that are distinctive across the forewings. These marks can be very variable and the wing colour can also vary from pale greys to pale browns. Some males can be completely plain in colour and markings. As with all the swifts the female is a little larger and duller and less brightly marked across the forewings.
Distribution: A resident species that is widely distributed and common in Derbyshire, apart from the gritstone moorland & the high moors of the north.
General Comment: None
Flight Period: May / June / July / August – On the wing May – end August.
Moth Activity: Crepuscular – but can be disturbed during the day
Photographed: Yes – **Photographed By:** Tony Davison © All Rights Reserved
*** Last updated on 29 October 2025 by RP ***
[Send Moth Page Feedback](#)

The top section is tabbed into 3 distinct categories:

- i. Details tab – shown above
- ii. Additional Information tab
- iii. Recorded history tab
- iv. Future tab – hidden for most, but occasionally shows on tablets – not yet used.

i. Details

As can be seen, this tab holds basic information pertaining to all moths, like Taxonomy/Family/Sub-family, Confusion Species, Other Name, ID difficulty, ID Pointers, Distribution, Flight Period, Mine Period [where appropriate], moth Activity, Photographed, Photographed By. This is self-explanatory and has no need for explanation.

The current status is indicated, by the colour disc at the top and also the full details of the moth are given, for example Checklist Number – Family – sub-family – Scientific Name – Common Name – Reference

Shown below:

69.004 BF1972 – Sphingidae – Sphinginae – *Agrius convolvuli* – Convolvulus Hawk-moth

Also shown is the Adult Category the moth is assigned and also a link to a pdf, explaining the Adult Verification guidelines.



The ID difficulty is based on a 3-colour moth graphic, which goes from easy to identify, to very difficult to identify – and there is a brief description of the requirements or expectations to enable a satisfactory identification of the moth.

There has recently been some work done on providing more information on Leaf-miner moths, due to both their added interest and also as a request due to Derbyshire moth'ers expressing more interest in these moths.

Additional fields to both record and display leaf-miner-specific information show up when a leaf-miner moth is shown on the datasheet screen, as below.

ii. **Additional Information**

The main items shown currently in this tab are:

- Wingspan
- Forewing
- Food Plant

iii. **Recorded History**

Depending on the status of a moth, governs what is displayed here. If a moth is status BLUE, or Common and Widespread, then no information is displayed here as it would be irrelevant for a numerous species.

However, for other moths it may have one or more of these values:

- Last Recorded Year
- Last Recorded Date
- Last Recorded By
- Last Recorded General Area



- First Recorded Year
- First Recorded Date
- First Recorded By
- First Recorded General Area.

Examples below....

Last Recorded Year: 2024

Last Recorded By – Christian Heintzen

Last Recorded General Area – Gnat Hole

Last Recorded Year: 2024

First Recorded Year: 2015

Last Recorded By – Dave Newcombe, Christian Heintzen

Last Recorded General Area – Belper and Glossop

Note – From this master moth page, you can also raise any issues you see, by clicking on the ‘Send Moth Page Feedback’, which will open up a form, so you can ask any questions, or point out any errors/omissions with the page.



IMAGE GALLERIES

On every moth page there are 2 sets of images.

1. A series of **Selected Images** placed there for the purposes of either show-casing the moth, or showing specific identification guidelines or other areas of interest.
2. A clickable **Image Gallery**, which takes moth images from the master gallery and allows them to be viewed full-size by you.

Examples below....

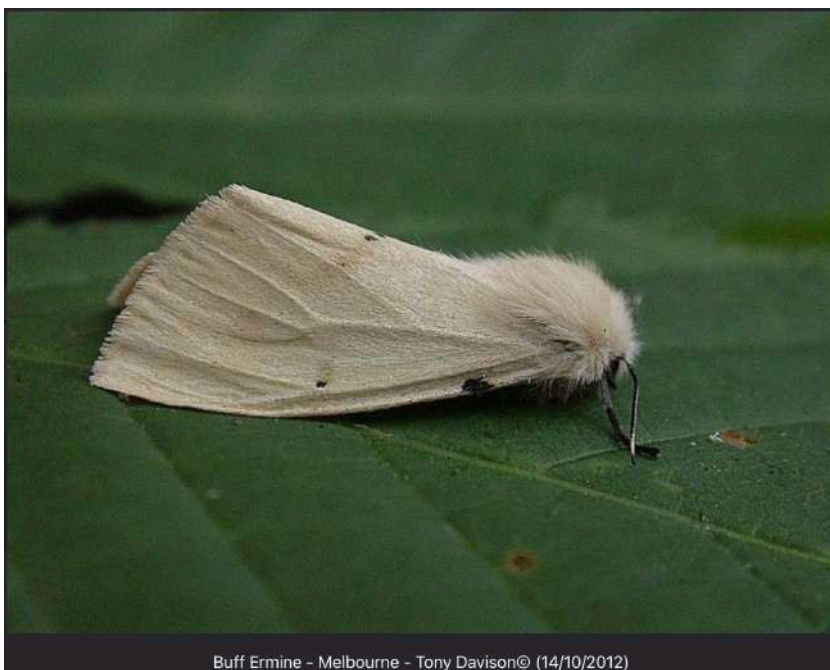
Selected Images: 4th Record – Dave Evans©, Belper 24th/25th June 2023; 3rd record – Sid Morris, Norbrigg Flash NR, Staveley 21st June 2023; Fenny Bentley, Derbyshire – Tony Davison© – 2nd record; Fenny Bentley, Derbyshire – 1st record – photos by kind permission of Sam Goddard© 15th/16th June 2023.



Image Gallery



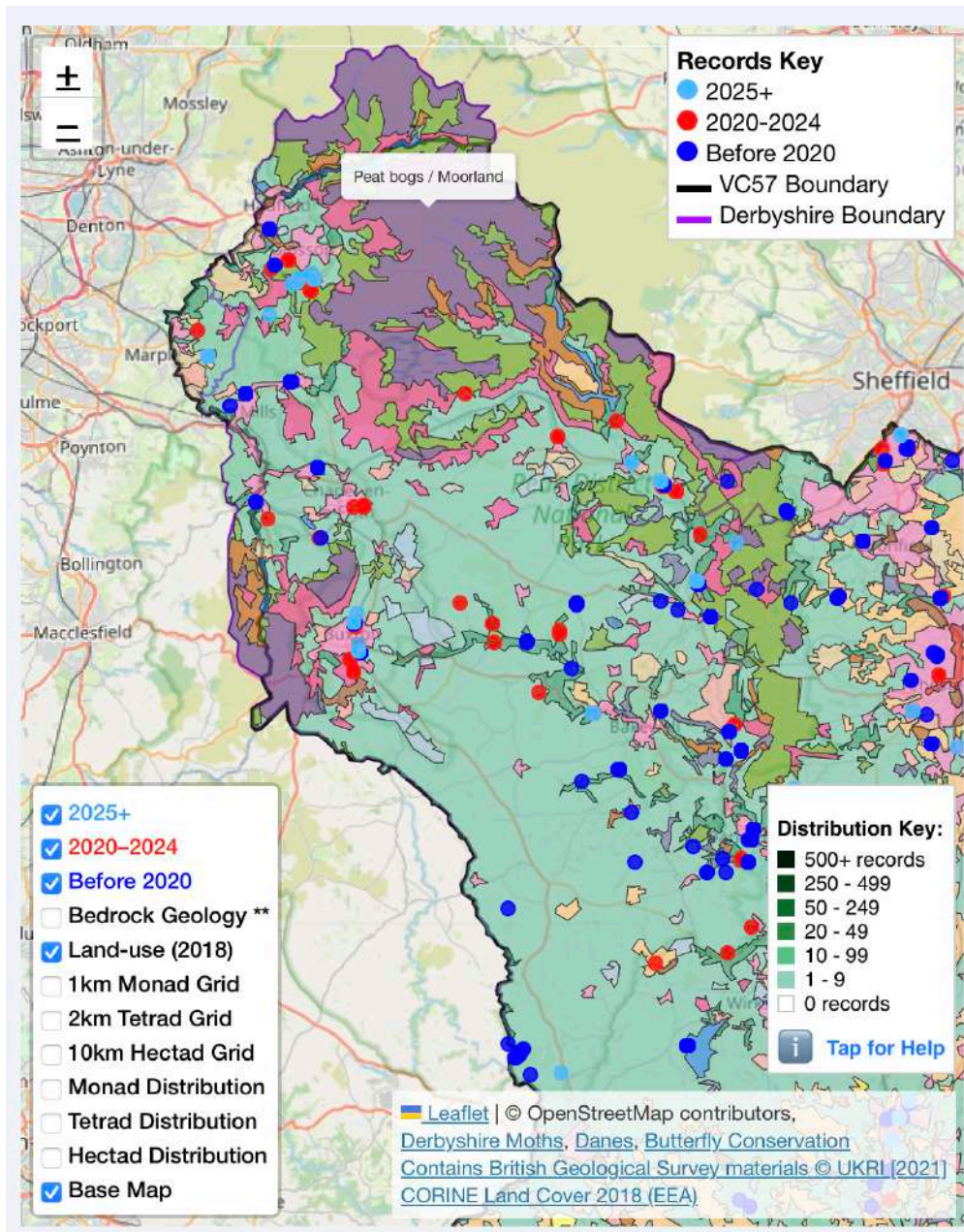
Clicked to show enlarged view....



Buff Ermine - Melbourne - Tony Davison© (14/10/2012)



Land-Use Overlay



As you can see, the area of purple is clicked on and shows 'Peat Bogs/Moorland'.



NBN ATLAS UK DISTRIBUTION MAPS

An experimental map has been provided for all species pages, which pull across from the NBN web services, the National biodiversity Network maps of the population distribution for the species.

Note – there are some caveats here –

1. The extent of datasets made available to the NBN to plot national data, varies considerably.
2. The records for Micro moths are very limited.

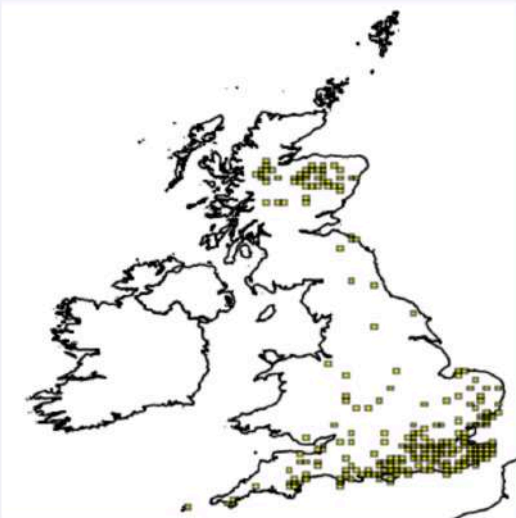
NBN Atlas UK Distribution for – *Macaria brunneata*

⚠ Please wait for the map to load fully – do not click the link shown.

There is sometimes a delay as the page interrogates the NBN Web Service for its data, so whilst it is on its way, this graphic is presented to show you that the data is on its way to you. Sometimes however, the data never arrives, but that is out of our control.

Macaria brunneata

The National Biodiversity Network records are shown on the map below. (See [terms and conditions](#))



[Open interactive map in new window](#)

The following datasets are included:

- Macro-moth distribution records for the UK from Butterfly Conservation, up to 2019
- Collection Specimens
- NE Scotland butterfly and moth records 1800-2010
- HBRG Insects Dataset Vol 1
- Suffolk Biodiversity Information Service (SBIS) Dataset
- NBIS Records to December 2016
- Tullie House Museum Natural History Collections
- National Trust Species Records

[Visit NBN Site](#)



Flying and Mining information

In addition to the flight periods and where applicable, mining periods, are shown on the main 'Details' tab of the moth master page, these details are also displayed above the species-map, to help you remember when they are considered to be active.

For most moths, only a 'Flying' graphic is displayed, but if the moth is a leaf-miner, then a 'Mining' graphic will show below.

Examples below.....

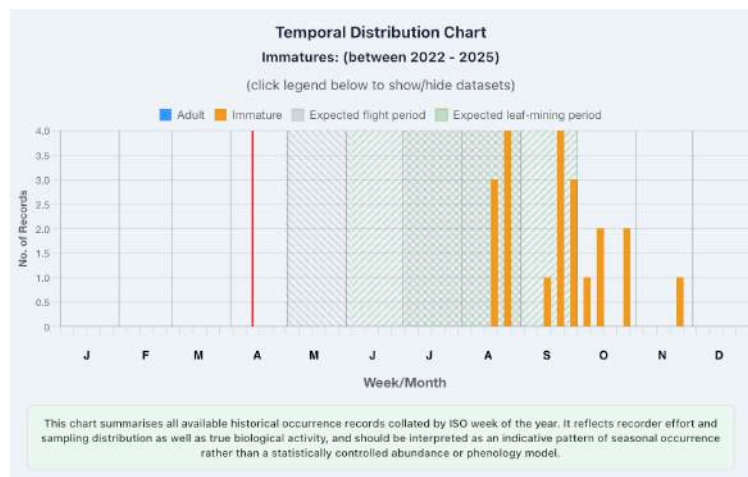
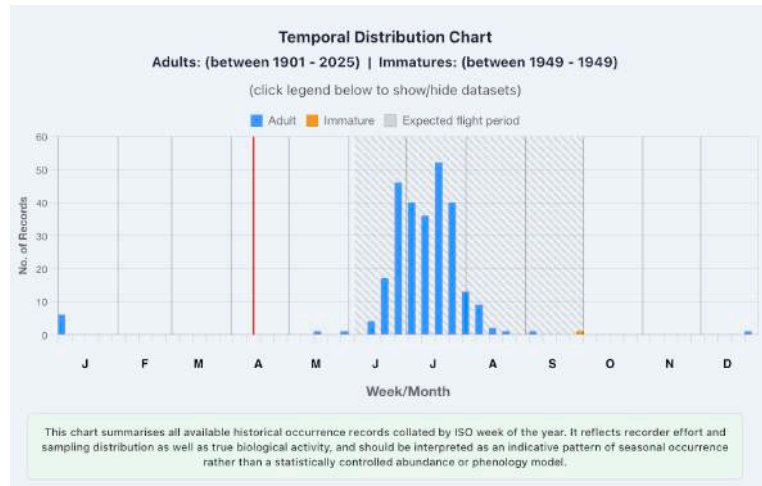




CHARTS FOR SPECIES DATASHEETS

Species data-sheets/master pages have their own specific set of data-driven charts, to display varying pieces of information, pertaining to that moth and aspects of its existence, over time.

A new chart is the 'Temporal Distribution Chart.



This aims to display the monthly and weekly recorded occurrences of a moth species, based on all available data. It is broken down into 'Adult' life-stage records and also 'Immature' life-stages, such as caterpillar, larvae, pupa, eggs, etc.

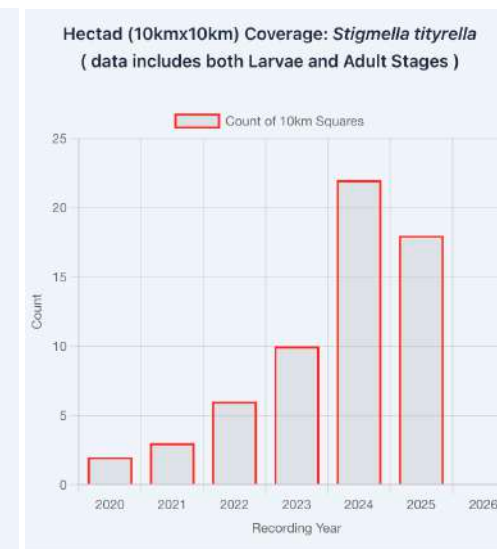
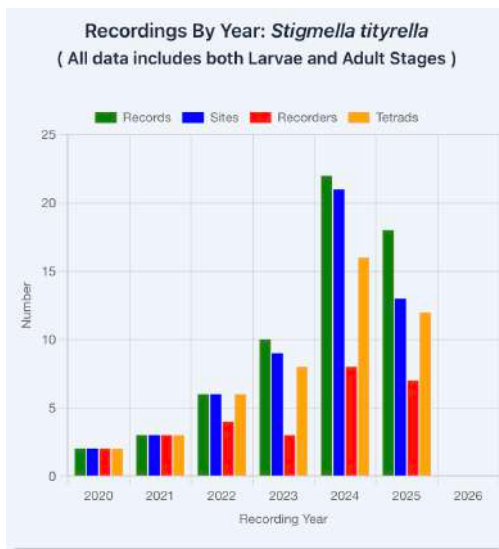
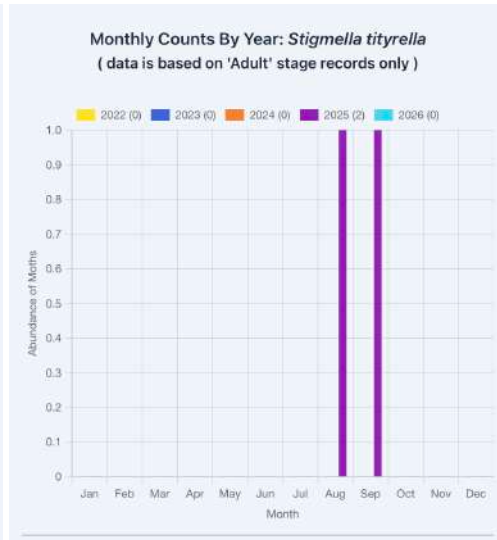
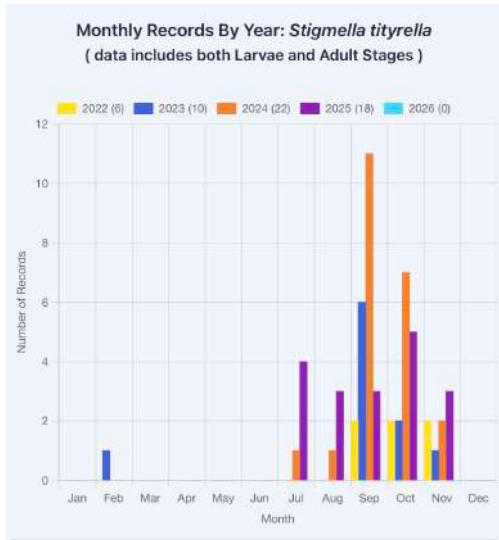
Clicking on either the Adult or Immature legend keys will show/hide those records, if you just wish to view the data for a singular life-stage.

The dates shown in brackets, after the Adults and Immature at the top, represent those years inclusively, which holds records for those life-stages for that moth.

The red vertical line | represents the current week/month at the time.



Those below are in the main, self-explanatory, so they are just shown here without comment. There are some other charts requiring explanation, so they will be given some background and explanation.



NOTE – FOR ALL THE CHARTS YOU CAN FILTER IN AND OUT YEARS, BY CLICKING ON THE KEYS/LEGENDS, TO SHOW OR HIDE THE LINES AS REQUIRED, OR TO MAKE THE GRAPH CLEARER.

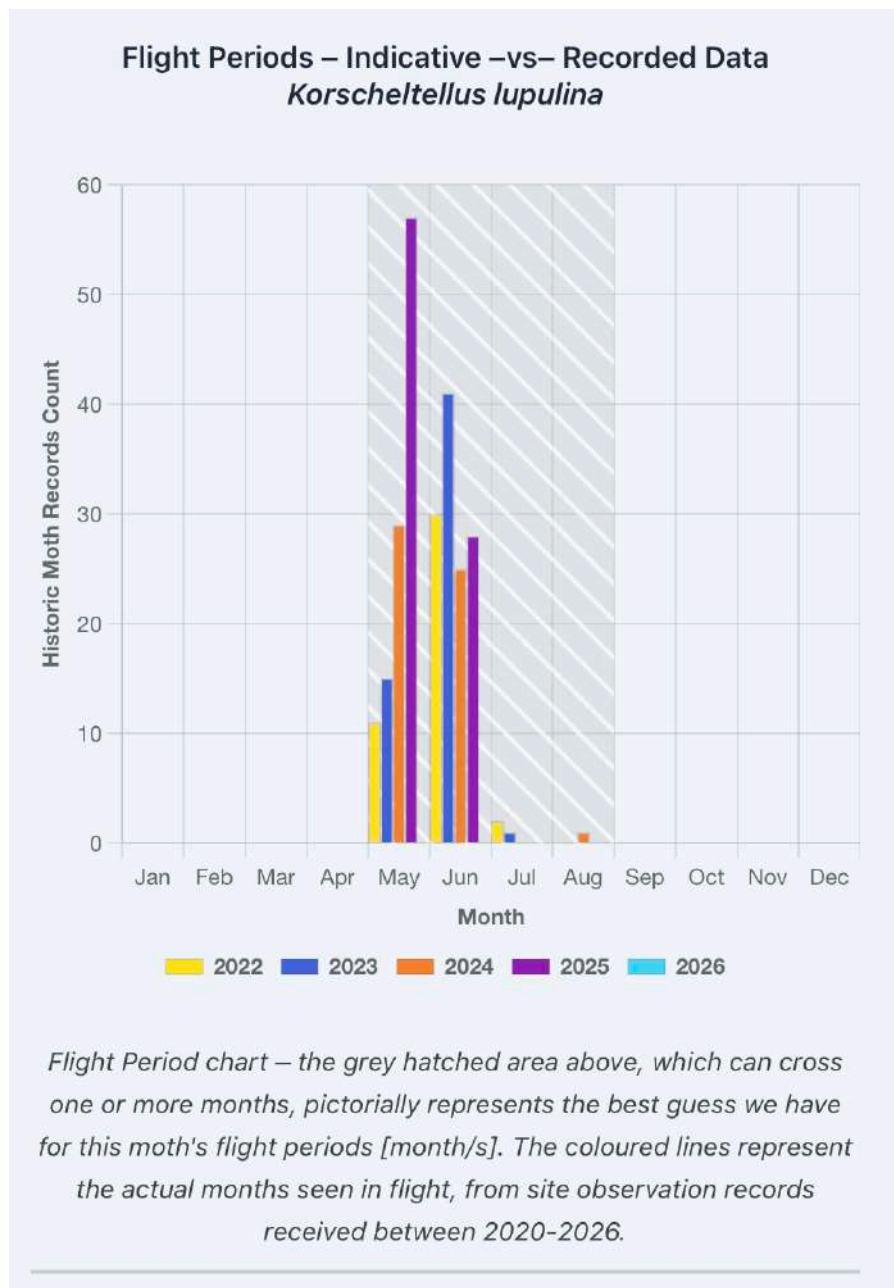


The following charts, requiring explanation are shown and discussed overleaf....

Flight Periods – Indicative -vs- Recorded Data

This chart plots the counts/incidences of a specific moth over the last 6 years. The 'grey' bars represent the indicative/suggested flight periods for the moth, shown in the 'Details' tab of the moth data-sheet. The coloured lines show the 'ACTUAL' months where the moth was recorded in the field.

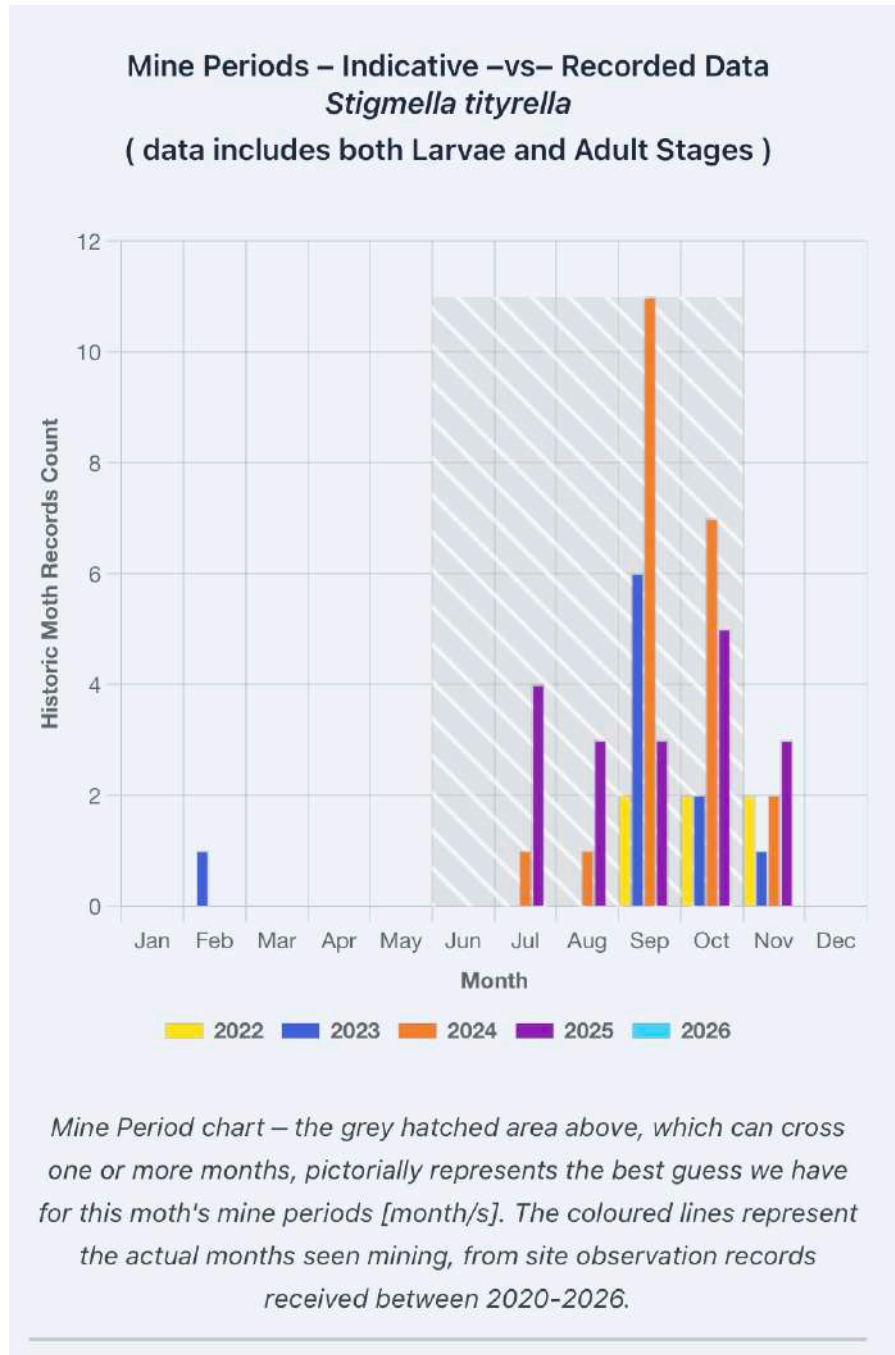
Note – the recorded data is filtered down to only 'Adult stage' records.





Mine Periods – Indicative -vs- Recorded Data

Where a moth is a Leaf-miner, there is an additional chart which appears, that shows the mining activity, as recorded [**note – for mines, we measure recorded moth values for both Adult and Larval stages**].





First/Last Recorded Dates

This chart takes records from the moth database behind the website and looks for moth presence dates.

The chart itself can discriminate between data for 'Adult-only' records and also Anything [including Adult, Larvae and Mines, where applicable].

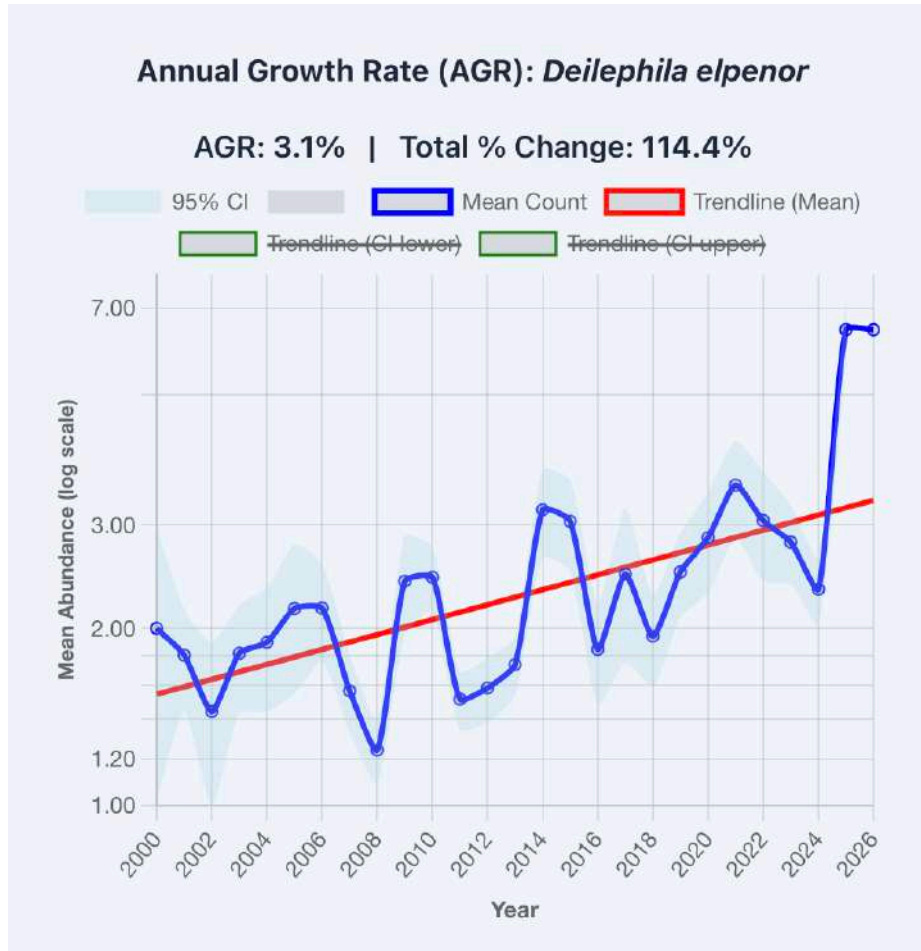


Note – by clicking the colour bars, you can discriminate between First and Last 'Adult-only' records from 'Anything records'.



The following two remaining charts are to a degree, experimental and will most-likely improve as more data and more accurate data comes into the data from iRecord.

Annual Growth Rate [AGR] / Total % change

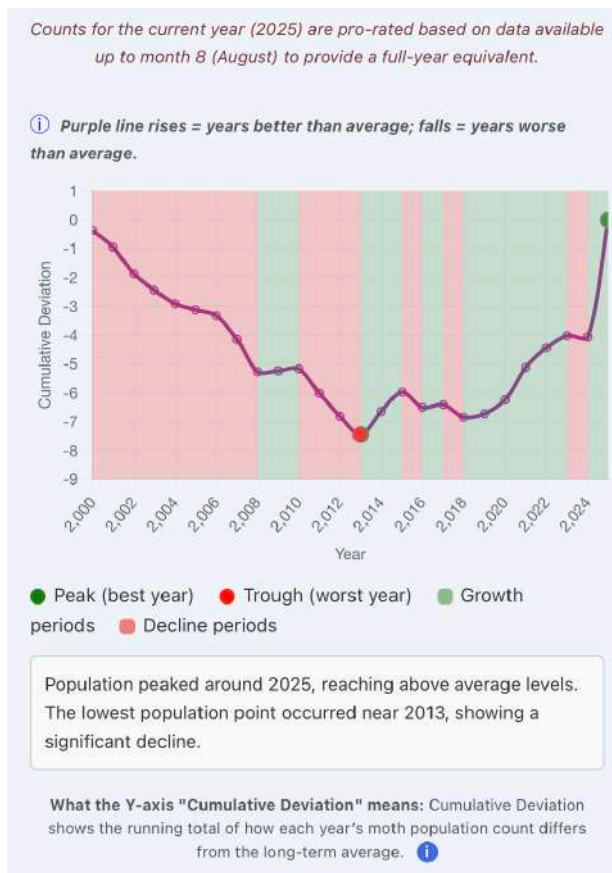


This chart illustrates changes in the **average annual abundance** of the species based on all records since 2000. For each year, the **mean number of individuals per record** is calculated from abundance counts, excluding non-numeric entries. The **Annual Growth Rate (AGR)** represents the average percentage change per year between the first and last years with data, while the **Total % Change** shows the overall increase or decrease in mean abundance across that period. The blue line plots yearly means on a **logarithmic scale**, making patterns clearer across large value ranges. The **red line** indicates the long-term trend derived from a **linear regression** of log-transformed means, and the shaded band shows the **95% confidence interval**, reflecting year-to-year variance in the underlying counts.

Gaps in monthly or yearly records can cause the mean annual abundance to fluctuate or misrepresent real changes in numbers. The chart reduces this effect by ignoring incomplete current-year data, using mean counts rather than totals, and showing 95 % confidence intervals to indicate uncertainty. Missing years are estimated between adjacent values to keep the trend continuous, so while data gaps may still affect precision, the overall direction and growth rate remain broadly reliable.



CUSUM [Cumulative Sum] Analysis



This chart shows **long-term changes in the moth's population** using a CUSUM (Cumulative Sum) approach. Each year's mean abundance (average number of individuals per record) is compared with the long-term average. When yearly values are above the average, the line rises; when they're below, it falls. The resulting curve makes it easier to see sustained periods of increase or decline rather than short-term fluctuations.

Gaps in yearly data can affect accuracy, as missing years may exaggerate changes. The chart reduces this impact by keeping gaps visible but interpolating between known years to maintain a continuous trend, while still noting the number of missing years. Current-year data is also **pro-rated** based on the months recorded so far, helping avoid misleading partial-year dips. Coloured bands mark periods of growth and decline, and peak and trough markers highlight the strongest points of increase and decrease.

Overall, the CUSUM line helps reveal **whether the species has generally been above or below its long-term average** across the years, providing a simple visual summary of population consistency and trend direction.

In the chart example above, the population peaked around 2025, reaching above-average levels. The lowest population point occurred near 2013, showing a significant decline, followed by a recovery toward average levels in recent years.



RECORDS

The 'Records' tab shows the data driving much of the contents of the map, and charts.

It is only shown, as a list of recorded incidences of the specific moth, so as to show where the 'dots' on the map relate to.

The data has been anonymised to a degree, to protect recorder's addresses, names, etc.

However, it is still interesting to view actual records for a species.

For the purpose of the page length, the records list has been capped at 2000 records, which you can scroll down. However, it does show the total number of records received/stored for the particular moth, within the Derbyshire Moths database.

Maps Charts **Records**

Records Behind the Map and Charts - *Korscheltellus lupulina* – 1114 records available

Listed by Year - descending - scroll across to see all table columns

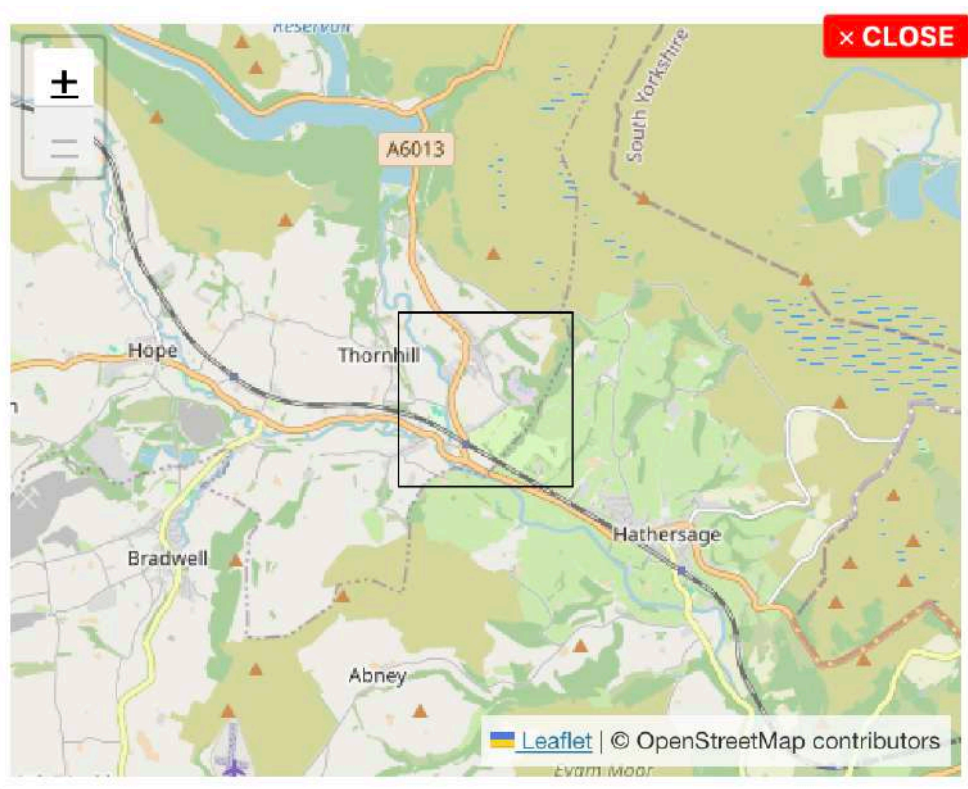
Site Name	Tetrad	Date	Count	Stage	Recorder	Source	RecordKey
Buxton SK, UK	SK07L	21/06/2025	1	Adult	Mortin, Jon	vc57_records_extract	IBRC42514261
White Knowle Road, Buxton	SK07B	21/06/2025	1	adult	Mortin, Jon	vc57_records_extract	IBRC42514428
Cote Heath Allotments, Buxton	SK07R	21/06/2025	3	adult	Steven Bell	vc57_records_extract	IBRC42539158
Birch Vale	SK08L	21/06/2025	1	adult	Hewitt, Jane	vc57_records_extract	IBRC47543818
Ladycroft Ave, Buxton	SK07S	19/06/2025	2	adult	Orridge, Steve	vc57_records_extract	IBRC42579762
Poolsbrook caravan site, Staveley, Derbys.	SK47G	19/06/2025	1	adult	Russell Nevin	vc57_records_extract	IBRC48710680
Ladycroft Ave, Buxton	SK07S	17/06/2025	1	adult	Orridge, Steve	vc57_records_extract	IBRC42575315
Cote Heath Allotments, Buxton	SK07R	14/06/2025	7	adult	Steven Bell	vc57_records_extract	IBRC42295700
Lowcroft, Buxton SK, UK	SK07S	13/06/2025	1	Adult	MarkCocker	vc57_records_extract	IBRC42328273
Miller's Dale	SK17G	13/06/2025	2	adult	Steven Bell	vc57_records_extract	IBRC42294431
Belper, Derbyshire	SK34N	13/06/2025	1	adult	Newcombe, Dave	vc57_records_extract	IBRC43956599
Belper, Derbyshire	SK34N	12/06/2025	1	adult	Newcombe, Dave	vc57_records_extract	IBRC43955685
Shirland - Hallfieldgate Lane	SK35Z	12/06/2025	2	adult	Mahadevan, Nikki	vc57_records_extract	IBRC42284455
Meilor	SJ98Z	08/06/2025	1	adult	Knass, David	vc57_records_extract	IBRC42140995
Friden	SK16Q	08/06/2025	1	Adult	musci	vc57_records_extract	IBRC42213310
Ilkeston, Derbyshire	SK44K	07/06/2025	1	adult	Hobby, Brian	vc57_records_extract	IBRC42878657
Mich Low, Bradwell	SK18Q	06/06/2025	1	adult	Hewitt, Jane	vc57_records_extract	IBRC48197872
Shirland - Hallfieldgate Lane	SK35Z	06/06/2025	1	adult	Mahadevan, Nikki	vc57_records_extract	IBRC42283854
Beckside Farm	SK24F	05/06/2025	3	adult	Beverley, Michele	vc57_records_extract	IBRC45338076
sheffield	SK38M	05/06/2025	1	adult	Turner, Jan	vc57_records_extract	IBRC42175485
Ladycroft Ave, Buxton	SK07S	04/06/2025	1	adult	Orridge, Steve	vc57_records_extract	IBRC42405365
Findern, Derbyshire	SK33A	04/06/2025	1	adult	Hallam, Brian	vc57_records_extract	IBRC42074899
sheffield	SK38M	04/06/2025	1	adult	Turner, Jan	vc57_records_extract	IBRC42141588
Meilor	SJ98Z	03/06/2025	2	adult	Knass, David	vc57_records_extract	IBRC42140826
Beckside Farm	SK24F	03/06/2025	5	adult	Beverley, Michele	vc57_records_extract	IBRC45338053
upper cromford garden	SK25Y	03/06/2025	2	adult	Ashton, Clive	vc57_records_extract	IBRC42057245
sheffield	SK38M	01/06/2025	1	adult	Turner, Jan	vc57_records_extract	IBRC42141129
Markham Vale Env. Cent.	SK47K	01/06/2025	6	adult	Morris, Sid	vc57_records_extract	IBRC42025060
Cote Heath Allotments, Buxton	SK07R	31/05/2025	3	adult	Steven Bell	vc57_records_extract	IBRC41979460
Fenny Bentley, Derbyshire	SK15Q	31/05/2025	1	adult	Goddard, Sam	vc57_records_extract	IBRC41976610
upper cromford garden	SK25Y	31/05/2025	4	adult	Ashton, Clive	vc57_records_extract	IBRC41994372
Bamford, Hope Valley SBE, UK	SK28B	31/05/2025	1	Adult	roger_forton	vc57_records_extract	IBRC41949302
Bamford, Hope Valley SBE, UK	SK28B	31/05/2025	1	Adult	roger_forton	vc57_records_extract	IBRC41986764



Clicking any tetrad will show the location of the record on a map, for reference.



Zooming in will increase detail and zooming out will show geographical context.





12. WEBSITE NAVIGATION

Throughout the website, you can navigate around using the various menu and links, shown below.



Every possible opportunity has been made to allow quick-links to individual moth records, families, sub-families, etc.

Within each moth master data-sheet, there is a navigation menu at both the top and the bottom, to click for the next or previous moth in the checklist-number-order.

There is a proviso here.

1. When you start to navigate, if you are on a 'Macro' moth page, then the previous and next links will only pass you to other Macro moths in the master series. In addition, the previous and next moths will show their 'Common Name'
2. When you are on a Micro moth page, the Previous and Next navigation will take you to another Micro in the series. Also, here, the navigation will show the Scientific Name.

To move-across to navigate to a micro moth from a macro moth you will need to find a micro then start the navigation.

This is ok, as to be honest, it is really easy to locate and find any moth on this website, so this previous and next logic works quite well.





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