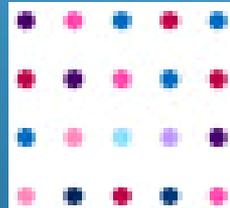


# MapMate Overview

Jim McIntosh, BSBI Scottish Officer



# What is MapMate?

- A program that can be downloaded onto a PC
- That is a simple way to digitise paper **records**
- In our case, records of Vascular Plants (flowering plants, conifers, ferns, fern allies) and Stoneworts
- That allows the records to be easily viewed, edited, stored, mapped, analyzed and shared...
- ... and specifically shared with the BSBI MapMate hub which updates the BSBI Database within an hour.



# Who can get MapMate?

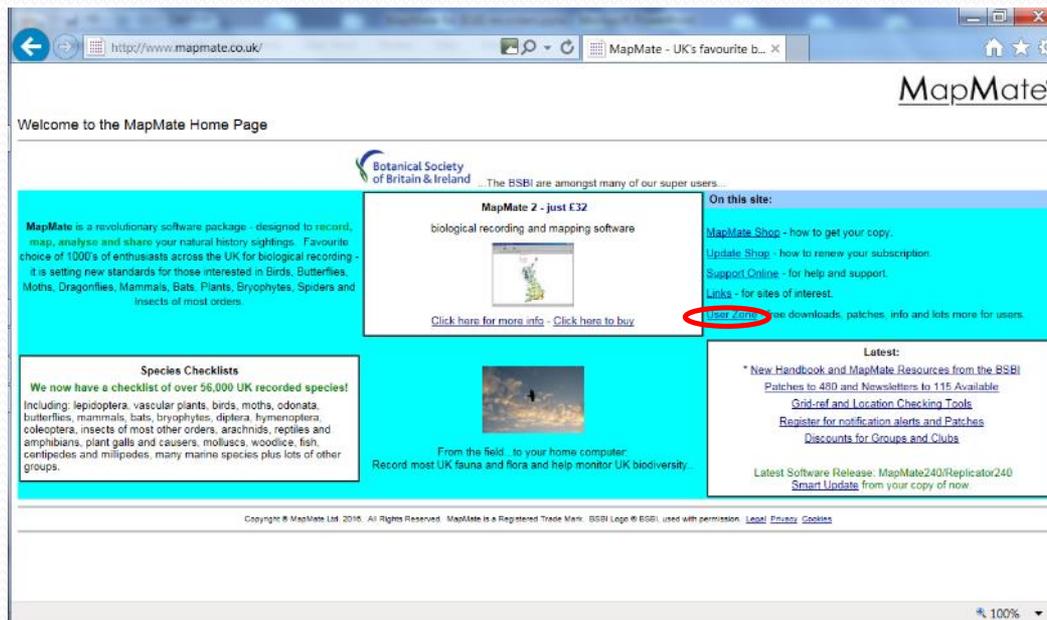
- All BSBI Recorders are very **welcome** to have a copy – which we will supply for free.
- Anyone contributing records to a BSBI Recorder may be nominated by the Recorder for a free copy.
- Anyone volunteering to digitise records for a BSBI Recorder may also be nominated for a free copy.

We pay the annual licence for all BSBI supplied copies, and can add anyone to our group licence who has come to the BSBI already with MapMate.



# Where is MapMate?

- Well apart from on your PC – the [MapMate](http://www.mapmate.co.uk/) website has much support & advice.
- Users *must* register before records can be exchanged with other MapMate users and updates (patches) received.



The screenshot shows the MapMate website homepage. The browser address bar displays "http://www.mapmate.co.uk/". The page features a navigation menu with the following items: [MapMate Shop](#), [Update Shop](#), [Support Online](#), and [Links](#). A red circle highlights the [User Zone](#) link. The main content area includes a section for "MapMate 2 - just £32" with a "Click here for more info - Click here to buy" link. Another section titled "Species Checklists" states "We now have a checklist of over 56,000 UK recorded species!" and lists various taxonomic groups. A "Latest:" section mentions "New Handbook and MapMate Resources from the BSBI" and "Latest Software Release: MapMate240/Replicator240 Smart Update". The footer contains copyright information: "Copyright © MapMate Ltd. 2016. All Rights Reserved. MapMate is a Registered Trade Mark. BSBI Logo © BSBI, used with permission. [Legal](#) [Privacy](#) [Cookies](#)".



# When do you use MapMate?

- Recorders should use it as soon after each field recording excursion as possible, to enter the records collected.
- Whenever MapMate notifies you that another MapMate user has sent you MapMate records.
- Whenever MapMate itself notifies you that updates (patches) are available.
- To send records to the hub after each data entry session
- Regularly to back-up your MapMate database!



# When wouldn't you use MapMate?

- Irregular contributors of records to VC Recorders will not find it worthwhile learning to use it.
- Simpler to just enter and supply records in a spreadsheet

(We can supply spreadsheets which make this easy – and are easy for Recorders to check then import into MapMate.)



# Advantages of MapMate

- Simple to learn to use
- Easy to enter records
- Can easily exchange data with other MapMate users
- Flexible mapping
- Powerful analysis
- Can update species dictionaries



# Disadvantages of MapMate

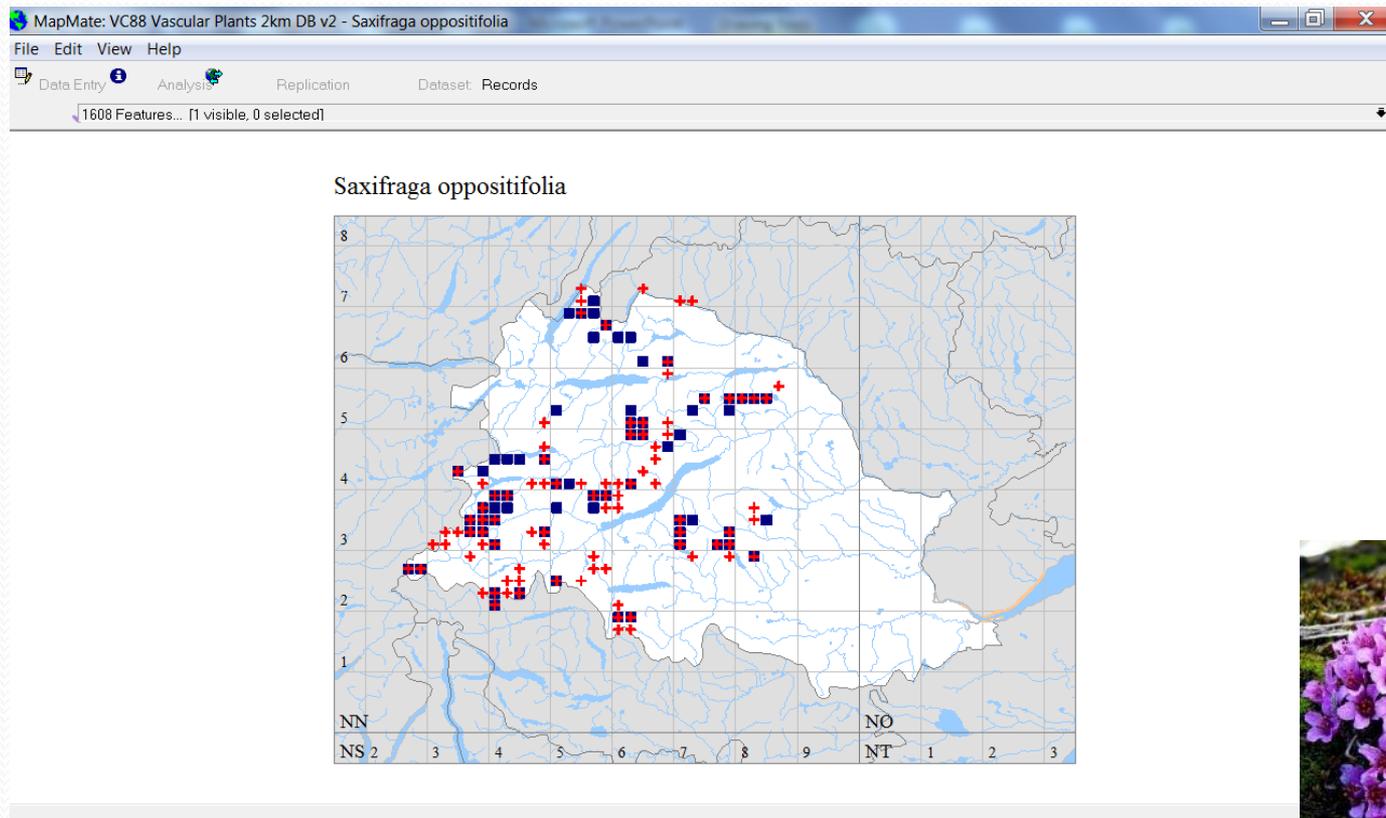
- It is a bit clunky compared with modern apps
- It does take time to learn how to use MM fully

(That's why if you only infrequently contribute records its much easier and simpler just to use spreadsheets.)



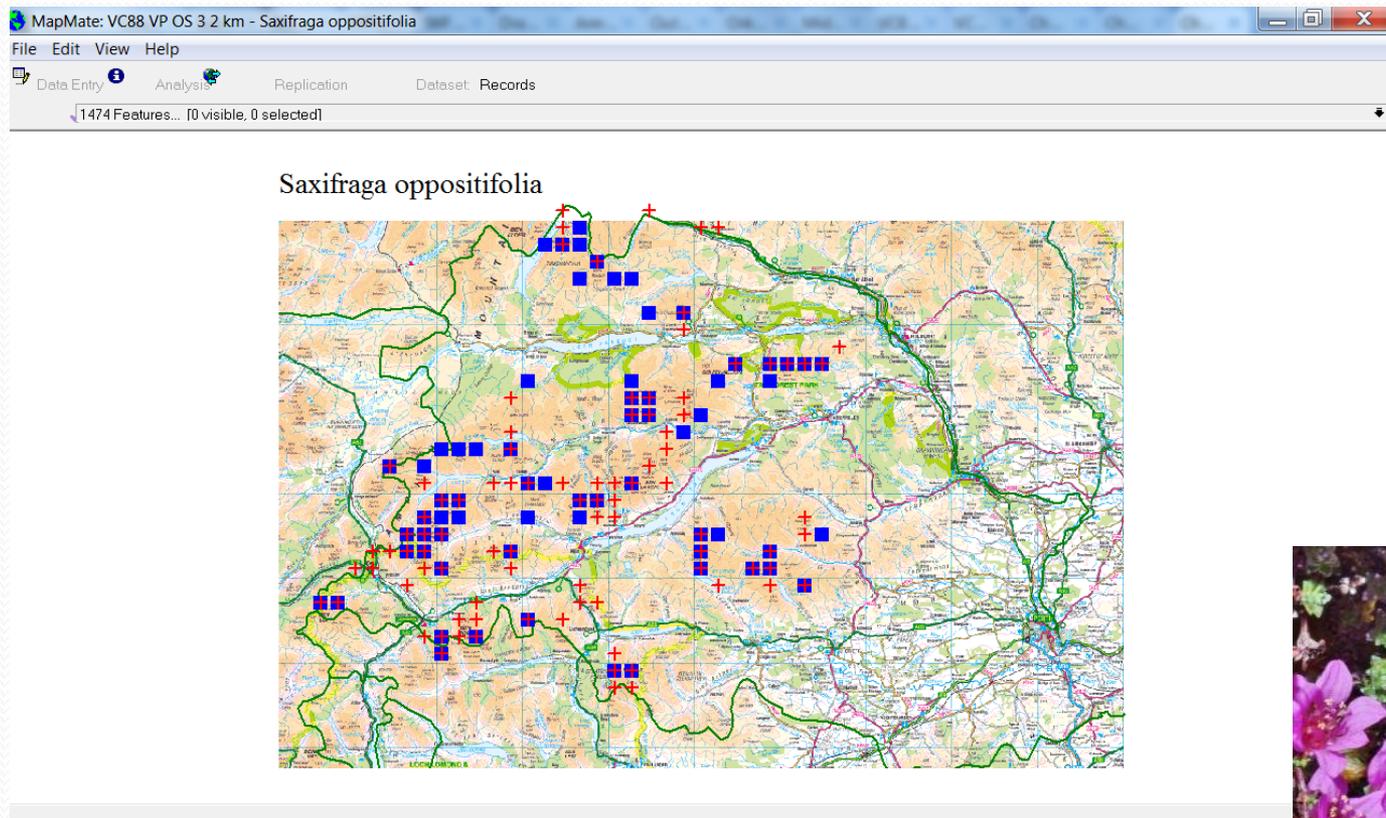
# Mapping your Data

Date banded – pre 2000 ■ post 2000 +



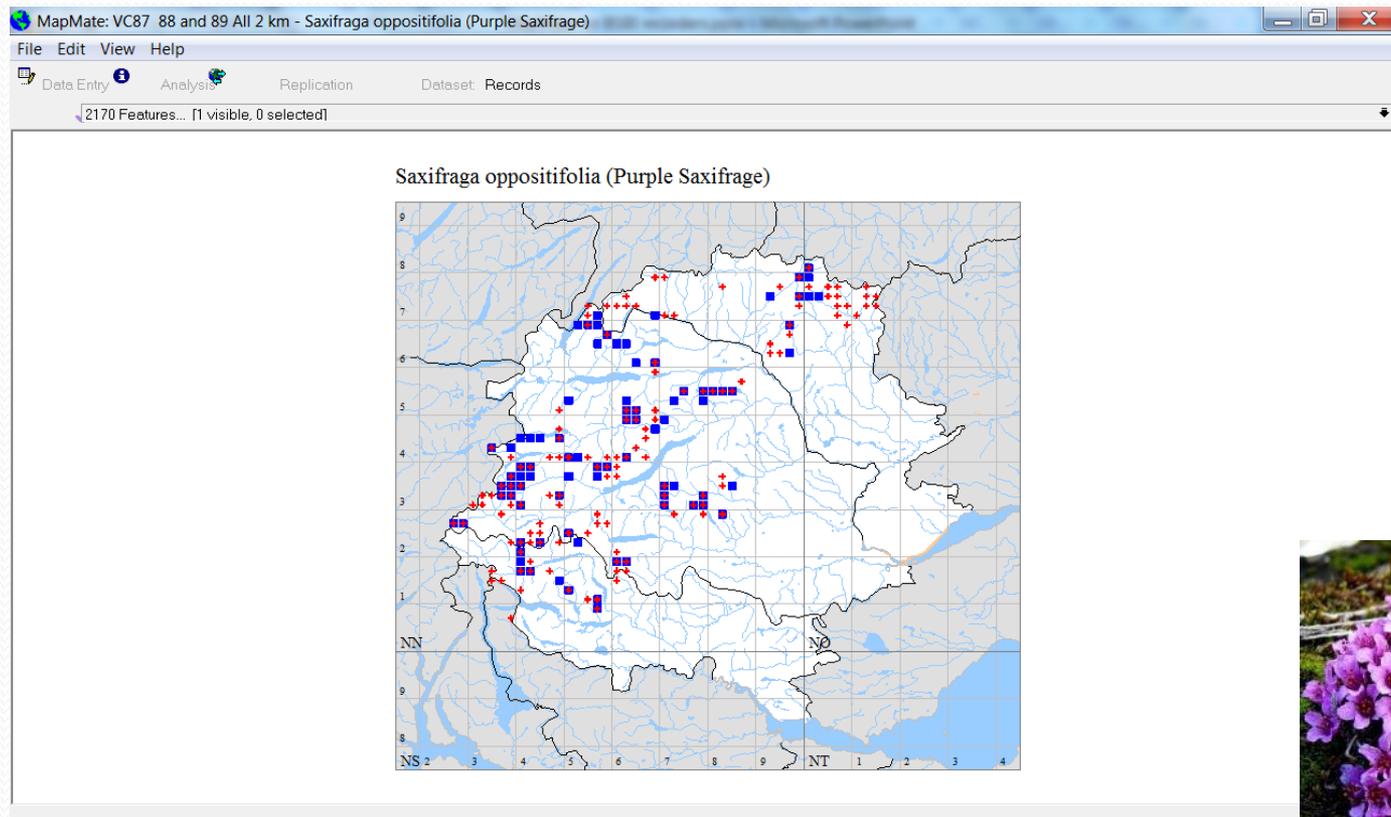
# Mapping your Data

Date banded – pre 2000 ■ post 2000 +



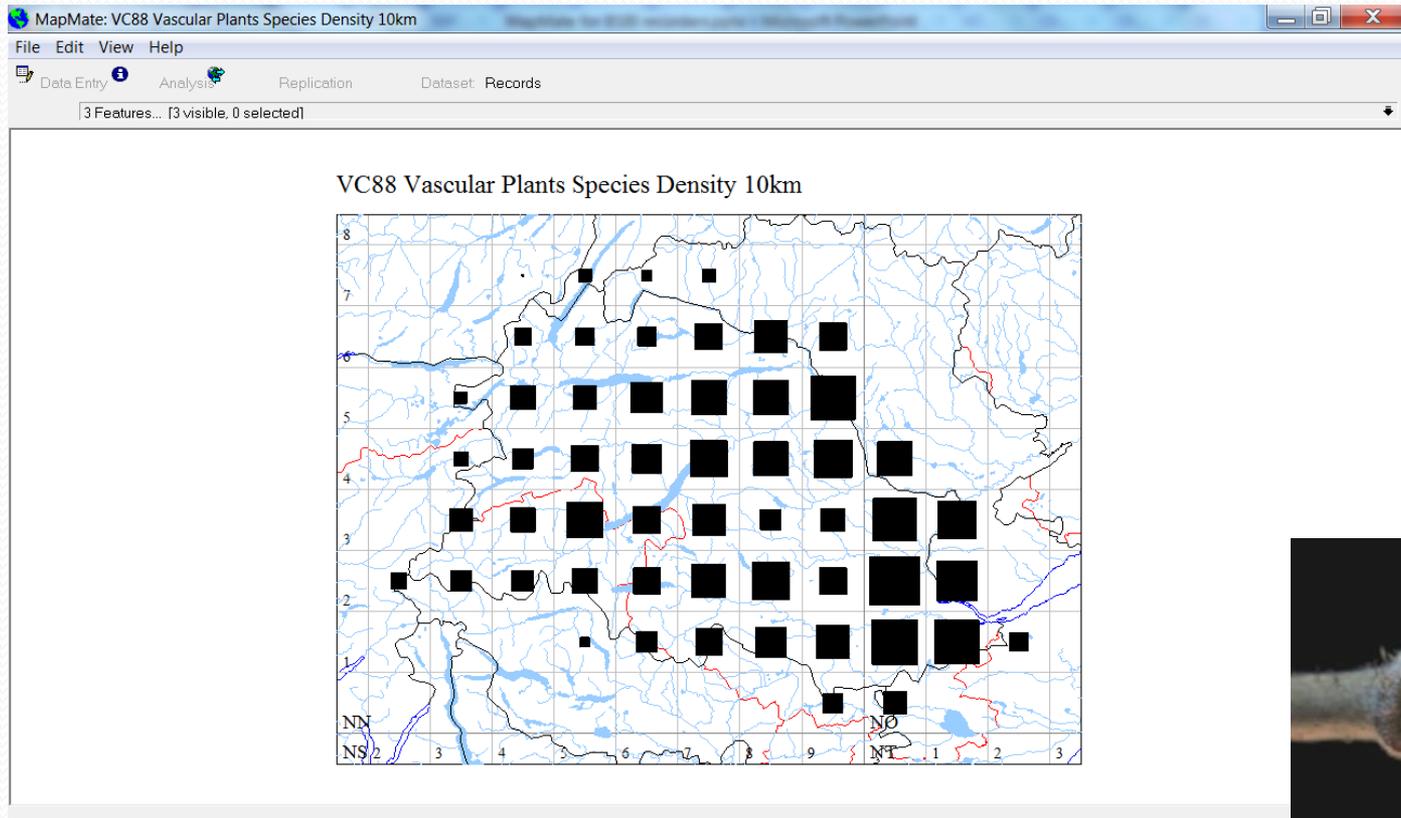
# Mapping your Data

Date banded – pre 2000 ■ post 2000 +

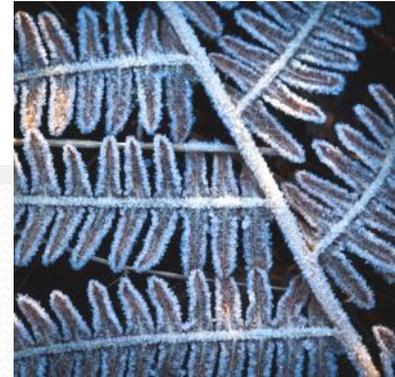
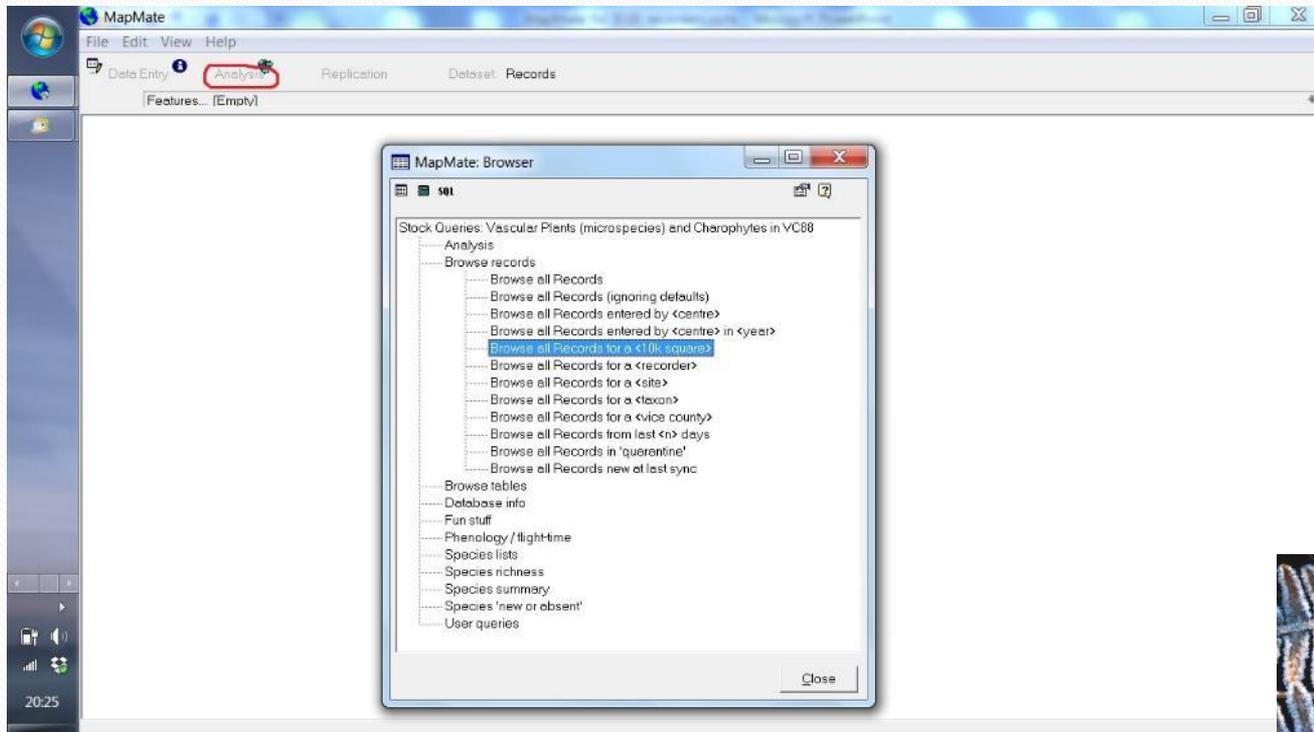


# Mapping your Data

## Special Maps...



# Analyzing your data



# Analyzing your data

Browse all Records for a <10k square> [nn22]

| Code | Taxon                             | Vernacular           | Site   | Gridref    | Vice | Quar | Date        | Recorder   |
|------|-----------------------------------|----------------------|--|------------|------|------|-------------|--|
| 7    | <i>Achillea millefolium</i>       | Yarrow               | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 35.2 | <i>Agrostis canina</i>            | Velvet Bent          | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 35.2 | <i>Agrostis canina</i>            | Velvet Bent          | Ben Lui                                      | NN275270   | 88   | 0    | 12 Jul 2009 | Jones, J.R.  |
| 35   | <i>Agrostis canina sens. lat.</i> | Velvet Bent          | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 35   | <i>Agrostis canina sens. lat.</i> | Velvet Bent          | Ben Oss, north side                          | NN2926     | 88   | 0    | 05 Sep 1996 | Watson, K.J.   |
| 40   | <i>Agrostis capillaris</i>        | Common Bent          | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 40   | <i>Agrostis capillaris</i>        | Common Bent          | Ben Oss, north side                          | NN2926     | 88   | 0    | 05 Sep 1996 | Watson, K.J.   |
| 35.1 | <i>Agrostis vinealis</i>          | Brown Bent           | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 46   | <i>Ajuga reptans</i>              | Bugle                | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Coire Buidhe Cliffs                          | NN2926     | 88   | 0    | 15 Jul 1988 | Stewart, N.F.  |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Oss, north side                          | NN2926     | 88   | 0    | 05 Sep 1996 | Watson, K.J.   |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Lui                                      | NN275270   | 88   | 0    | 12 Jul 2009 | Jones, J.R.  |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Lui (Beinn Laoigh) North - Crags between | NN22T      | 88   | 0    | 12 Jul 2009 | Godfrey, A. & BSBI                                   |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ciochan Beinn Laoigh                         | NN22T      | 88   | 0    | 09 Jul 2005 | Muscott, Miss J.                                     |
| 48   | <i>Alchemilla alpina</i>          | Alpine Lady's-mantle | Ben Lui (YC88)                               | NN2627     | 88   | 0    | 12 Jul 2009 | Carl Farmer & BSBI field meeting                     |
| 4480 | <i>Alchemilla filicaulis</i>      | Hairy Lady's-mantle  | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ciochan Beinn Laoigh                         | NN22T      | 88   | 0    | 09 Jul 2005 | Muscott, Miss J.                                     |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Lui                                      | NN275270   | 88   | 0    | 12 Jul 2009 | Jones, J.R.  |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Oss, north side                          | NN2926     | 88   | 0    | 05 Sep 1996 | Watson, K.J.   |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Lui (YC88)                               | NN2627     | 88   | 0    | 12 Jul 2009 | Carl Farmer & BSBI field meeting                     |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Lui (Beinn Laoigh) North - Crags between | NN22T      | 88   | 0    | 12 Jul 2009 | Godfrey, A. & BSBI                                   |
| 51   | <i>Alchemilla glabra</i>          | Smooth Lady's-mantle | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 59   | <i>Alchemilla wichurae</i>        |                      | Ben Lui                                      | NN275270   | 88   | 0    | 12 Jul 2009 | Jones, J.R.  |
| 59   | <i>Alchemilla wichurae</i>        |                      | Ben Lui (Beinn Laoigh) North - Crags between | NN27602696 | 88   | 0    | 12 Jul 2009 | Godfrey, A. & BSBI                                   |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ben Lui (YC88)                               | NN2627     | 88   | 0    | 12 Jul 2009 | Carl Farmer & BSBI field meeting                     |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ben Lui (Beinn Laoigh) North - Crags between | NN22T      | 88   | 0    | 12 Jul 2009 | Godfrey, A. & BSBI                                   |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ben Lui, north east corrie                   | NN22T      | 88   | 0    | 11 Jul 1988 | Stewart, N.F., Stewart, O.M., Bevan, J. & McCosh, D. |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ciochan Beinn Laoigh                         | NN22T      | 88   | 0    | 09 Jul 2005 | Muscott, Miss J.                                     |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |
| 105  | <i>Anemone nemorosa</i>           | Wood Anemone         | Ben Lui                                      | NN275270   | 88   | 0    | 12 Jul 2009 | Jones, J.R.  |
| 109  | <i>Angelica sylvestris</i>        | Wild Angelica        | Ben Oss, north east corrie crags             | NN2926     | 88   | 0    | 14 Jul 1994 | Thomas, R.E. & Gallagher, J.                         |

Record 1 of 929 Records

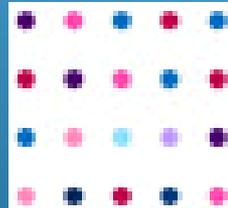


# Questions?



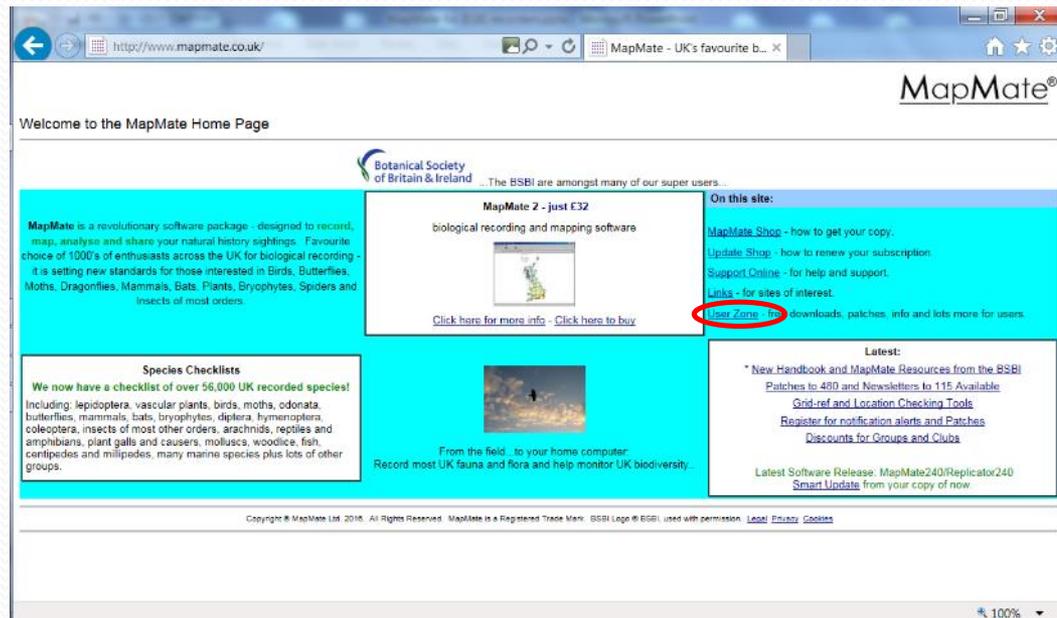
# MapMate practical: the basics

Jim McIntosh, BSBI Scottish Officer



# Register & Log-on to MapMate

1. You must register with MM so that you'll receive alerts and be able to use its synching service.



The screenshot shows the MapMate website homepage in a browser window. The URL is http://www.mapmate.co.uk/. The page features a navigation bar with the MapMate logo and a welcome message. The main content area is divided into several sections:

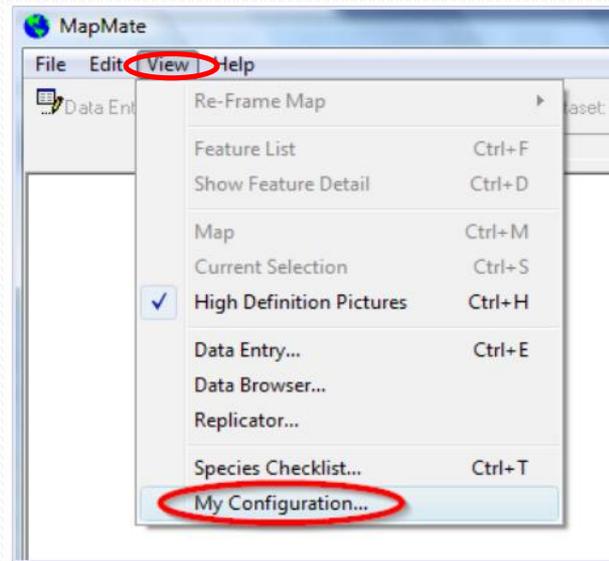
- MapMate 2 - just £32**: A section for biological recording and mapping software, with a red circle around the [User Zone](#) link.
- Species Checklists**: A section highlighting a checklist of over 56,000 UK recorded species, including various groups like Lepidoptera, vascular plants, birds, moths, etc.
- On this site:** A sidebar with links for [MapMate Shop](#), [Update Shop](#), [Support Online](#), [Links](#), and [User Zone](#).
- Latest:** A section for new resources from the BSBI, including a handbook, patches, newsletters, and software updates.

At the bottom of the page, there is a copyright notice: Copyright © MapMate Ltd. 2016. All Rights Reserved. MapMate is a Registered Trade Mark. BSBI Logo ® EGB. Used with permission. [Local](#) [Privacy](#) [Cookies](#)



# Keeping up to date

1. When you get an email alert that a new patch or patches have been issued, you ought to download them, follow the given instructions.
2. Then synch them into your database.
3. Then you **MUST** go through View> My configuration:



# Keeping up to date

Select your taxonomic interests

Configuration Wizard

My Taxonomic interests are...

- Uniramia: Diploda (millipedes)
- Vascular Plants
- Vascular Plants (microspecies) and Charophytes
- Vascular Plants (plus microspecies)
- Vascular Plants and Charophytes
- Vascular Plants: Orchidaceae
- Vertebrata: Amphibians
- Vertebrata: Amphibians and Reptiles

Tick any taxonomic groups of interest to you. Click 'Next' to continue...

< Back   Next >   OK   Cancel

Select your VC – AND all neighbouring VCs

Configuration Wizard

I'm interested in recording in the following Areas...

- H1
- H2
- H3
- H4
- H5
- H6
- H7
- H8

Tick any regional areas of interest. Click 'Next' to continue...

< Back   Next >   OK   Cancel



# Backing-up

How often?



# Backing-up

How often? – just think of having to re-enter all the data since your last back-up! So after **every** data entry session!

Two ways to do it:

1. Copy entire “My MapMate” folder onto a pen drive (best)

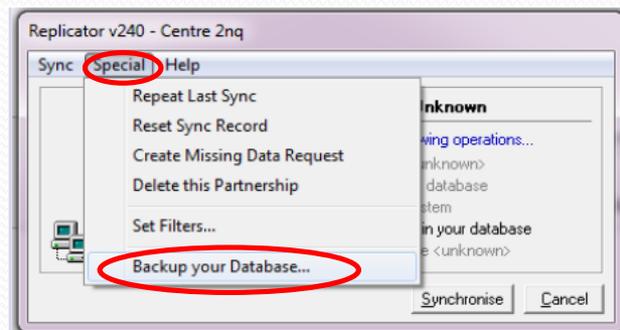


# Backing-up

How often? – just think of having to re-enter all the data since your last back-up! So after **every** data entry session!

Two ways to do it:

1. Copy entire “My MapMate” folder onto a pen drive (best)
2. Use Replicator > Special > Backup your Database...



# Syncing data out

Most important thing to remember is that syncing is ALWAYS a two step process.

To send data:

1. Create synch file after setting up synch partner & filters
2. Send it to them

If successful will get confirmation emails within a few hours.



# Syncing data in

Most important thing to remember is that syncing is ALWAYS a two step process.

To receive data:

1. Download synch file
2. Synch it into your MapMate database

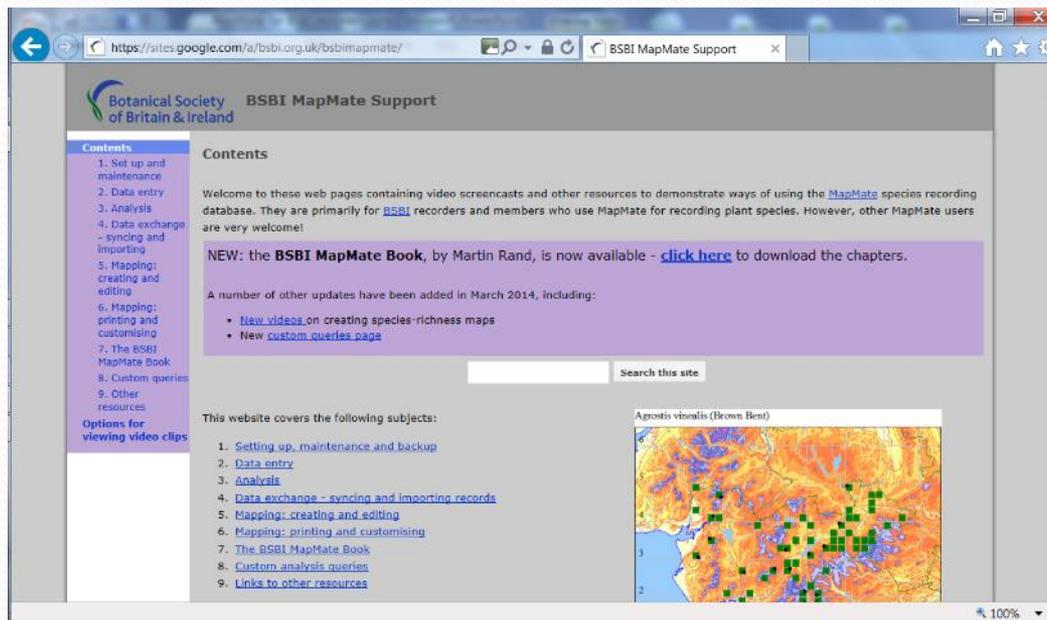
You will get option to send confirmation email –  
And you should do that to acknowledge recipient.



# More information on MapMate

- On the MapMate site and in MapMate's own "Help" files.
- On the BSBI MapMate website\* mainly as short videos.
- Also in the BSBI MapMate Handbook - on BSBI MM site.

\*Google "BSBI MapMate"



The screenshot shows a web browser window displaying the BSBI MapMate Support website. The URL in the address bar is <https://sites.google.com/a/bsbi.org.uk/bsbimapmate/>. The page features the Botanical Society of Britain & Ireland logo and the title "BSBI MapMate Support". A "Contents" sidebar on the left lists various topics, including "Set up and maintenance", "Data entry", "Analysis", "Data exchange", "Mapping: creating and editing", "The BSBI MapMate Book", "Custom queries", and "Other resources". The main content area includes a welcome message, a notice about the "BSBI MapMate Book" by Martin Rand, and a list of updates from March 2014, such as "New videos on creating species-richness maps" and "New custom queries page". A search bar is located below the updates. At the bottom, there is a section titled "This website covers the following subjects:" with a list of links to various resources. A map of the British Isles is displayed, showing the distribution of *Agrostis visualis* (Brown Bent) with green squares indicating recorded locations. The browser's status bar at the bottom right shows a zoom level of 100%.



# Thanks

- Martin Rand who wrote the BSBI MapMate Handbook (On which much of this is based.)
- To all those who entered the BSBI Photographic Competition in 2015!

