

# BSBI Data & the NBN

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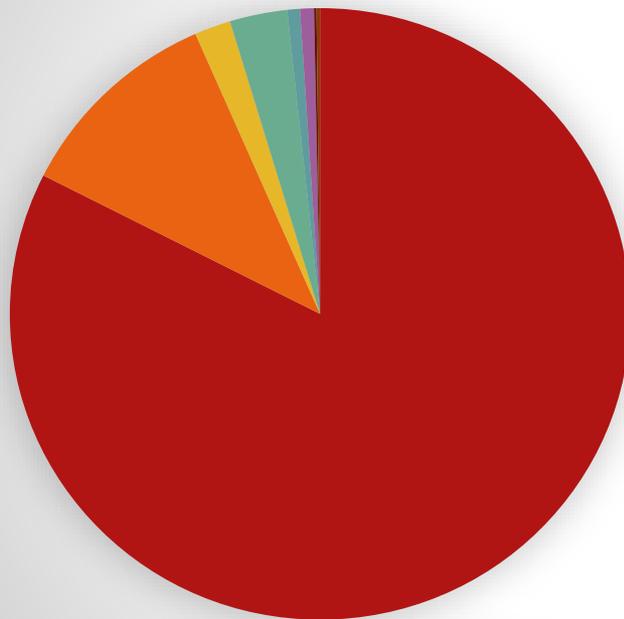
BSBI Atlas 2020

**NBN**  
Gateway



# BSBI data on the NBN Gateway

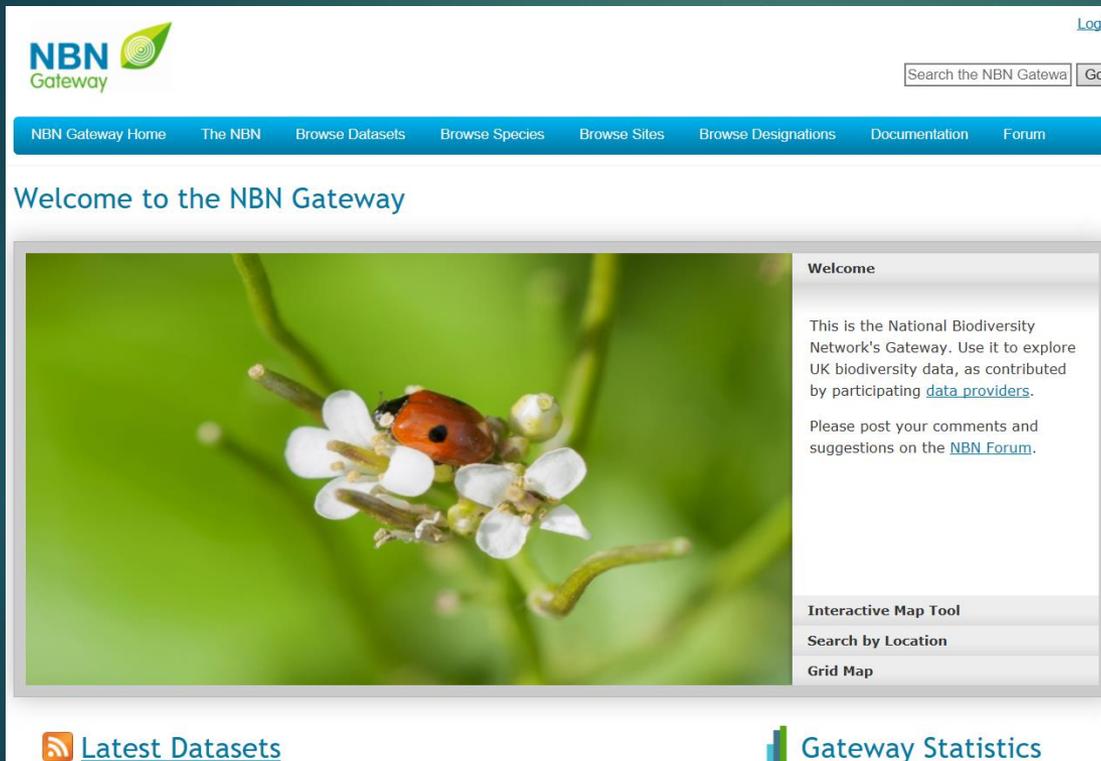
## BSBI Data currently on the NBN Gateway



- Vascular plant DataBase up to 2000
- Vascular plant DataBase additions since 2000
- Vascular Plants of Perthshire & Angus
- Vascular Plants of Scottish Vice-Counties
- Plant life of Edinburgh & the Lothians
- The Changing Flora of Glasgow
- The Flora of Rum
- SNH's Site Condition monitoring (first cycle)

11.9 Million records are on NBN in total:  
11.1M are available at 10km public access  
0.8M are available at 100m public access

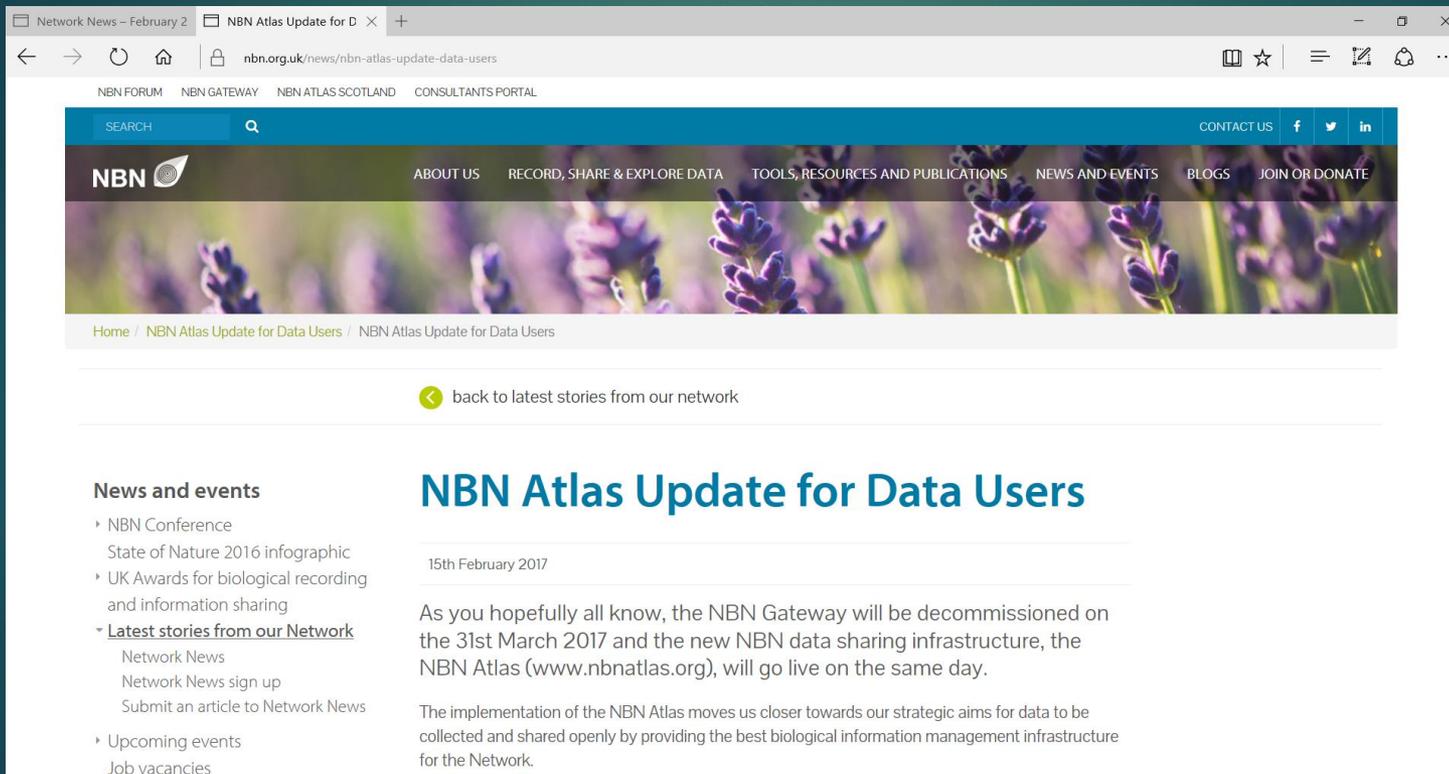
# NBN Gateway



The screenshot shows the NBN Gateway website interface. At the top left is the NBN Gateway logo. To the right is a search bar with the text "Search the NBN Gateway" and a "Go" button. Below the search bar is a navigation menu with links: "NBN Gateway Home", "The NBN", "Browse Datasets", "Browse Species", "Browse Sites", "Browse Designations", "Documentation", and "Forum". A "Login" link is located in the top right corner. The main content area features a large image of a ladybug on a white flower. To the right of the image is a "Welcome" section with the following text: "This is the National Biodiversity Network's Gateway. Use it to explore UK biodiversity data, as contributed by participating [data providers](#). Please post your comments and suggestions on the [NBN Forum](#)." Below the welcome text are three buttons: "Interactive Map Tool", "Search by Location", and "Grid Map". At the bottom left is a "Latest Datasets" link with an RSS icon, and at the bottom right is a "Gateway Statistics" link with a bar chart icon.

The NBN Gateway as we know it, is due to close on the 31<sup>st</sup> of March

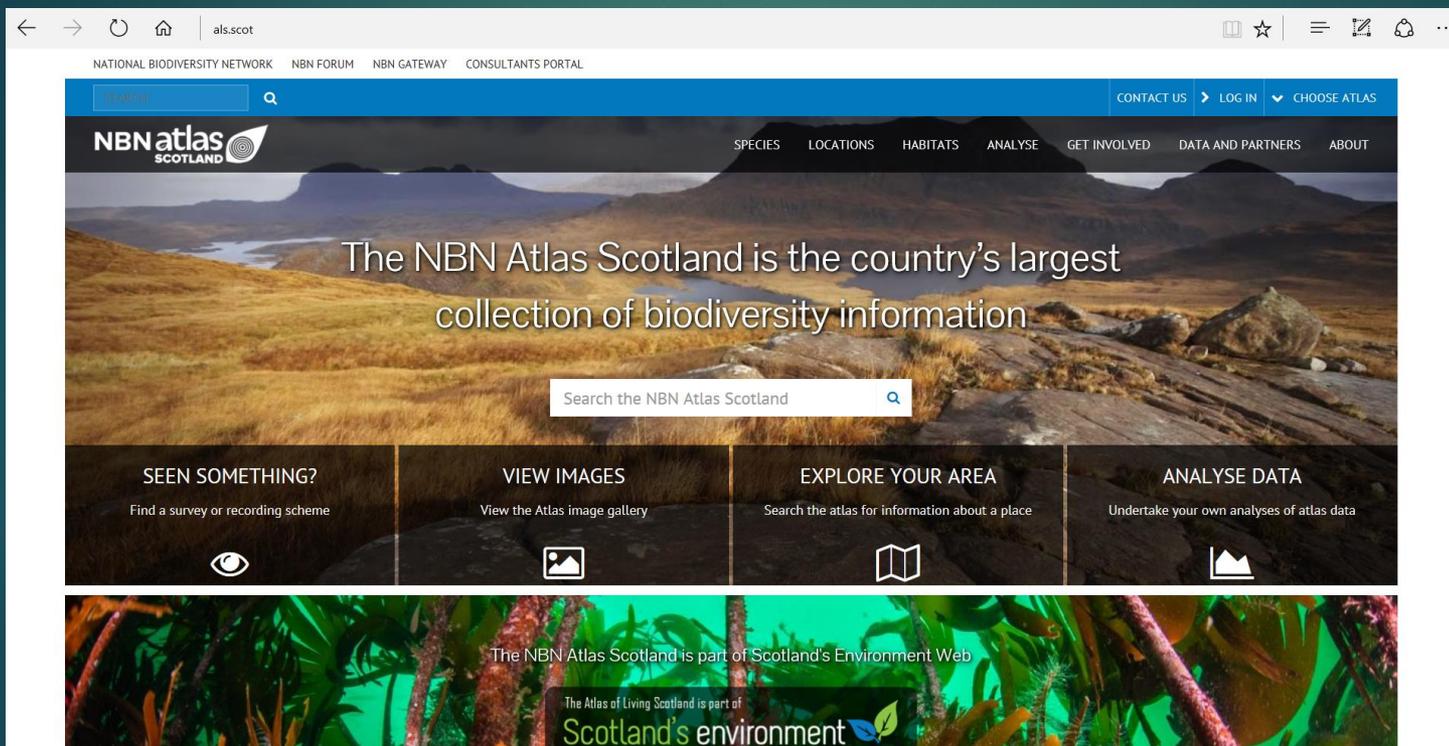
# NBN Gateway



The screenshot shows a web browser window with the URL [nbn.org.uk/news/nbn-atlas-update-data-users](http://nbn.org.uk/news/nbn-atlas-update-data-users). The page features a navigation menu with links for 'NBN FORUM', 'NBN GATEWAY', 'NBN ATLAS SCOTLAND', and 'CONSULTANTS PORTAL'. A search bar is located in the top left, and social media icons for Facebook, Twitter, and LinkedIn are in the top right. The main navigation bar includes 'ABOUT US', 'RECORD, SHARE & EXPLORE DATA', 'TOOLS, RESOURCES AND PUBLICATIONS', 'NEWS AND EVENTS', 'BLOGS', and 'JOIN OR DONATE'. The article title 'NBN Atlas Update for Data Users' is prominently displayed, along with the date '15th February 2017'. The article text states that the NBN Gateway will be decommissioned on 31st March 2017 and replaced by the NBN Atlas on the same day. A sidebar on the left lists 'News and events' including 'NBN Conference', 'State of Nature 2016 infographic', 'UK Awards for biological recording and information sharing', 'Latest stories from our Network' (with sub-links for 'Network News', 'Network News sign up', and 'Submit an article to Network News'), 'Upcoming events', and 'Job vacancies'.

And be replaced by the NBN Atlas on the 1<sup>st</sup> April 2017. There will be a suite of NBN Atlases: one for Scotland, Wales, NI (& England?)

# NBN Gateway



The NBN Atlas Scotland is already up and running and NBN Wales & NBN Northern Ireland are due to be launched imminently.

# BSBI Consultation

- ▶ We consulted all UK Recorders two years ago about making our data available on the NBN. In Scotland:
- ▶ All were happy were happy about making historical (pre-2000) data publicly available at full resolution on the NBN.
- ▶ A majority were happy making their data available at full resolution and with site and recorder names.
- ▶ So I asked those that had some reservations again this winter.

# BSBI Consultation

- ▶ All Scottish Recorders agreed with the proposal to upload data\* to the NBN at full resolution and with site & recorder names.
- ▶ A great step forward in making Scottish BSBI data freely available to conservationists, researchers, land managers and other botanists!

\*up to and including 2012

# BSBI data on the NBN Atlas

- The BSBI BoT agreed that we should copy **all** our records for Scotland, up to and including 2012, from the BSBI DDb to NBN Atlas.
- There will be at least annual updates. So the most recent data will never more than 5 years old.
- These records will be viewable by the public at full (capture) resolution.
- The data will have full site and recorder names
- The data will be supplied under a Creative Commons licence which requires that the BSBI is credited wherever the data is used non-commercially and prohibits commercial use.



# Sensitive Records

- ▶ There is a BSBI shortlist of sensitive species.
- ▶ In addition, Recorders can mark records of particular species or populations as sensitive - using the BSBI DDb to do so.
- ▶ None of these sensitive species or records will appear on the NBN Atlas
- ▶ Hopefully in future they might appear at a reduced (10km) resolution without site names but that facility is not immediately available.
- ▶ They may also develop a system to control access to such sensitive records (as at present with the NBN Gateway).

# BSBI Sensitive Species List

Taxon
<i>Arabis alpina</i>
<i>Astragalus alpinus</i>
<i>Cephalanthera rubra</i>
<i>Clinopodium menthifolium</i>
<i>Cypripedium calceolus</i>
<i>Cystopteris montana</i>
<i>Diapensia lapponica</i>
<i>Draba aizoides</i>
<i>Dryopteris cristata</i>
<i>Epipogium aphyllum</i>
<i>Gentianella ciliata</i>
<i>Himantoglossum hircinum</i>
<i>Ophrys fuciflora</i>
<i>Orchis militaris</i>
<i>Orchis purpurea</i>
<i>Orchis simia</i>
<i>Primula scotica</i>
<i>Saxifraga hirculus</i>
<i>Trichomanes speciosum</i>
<i>Woodsia ilvensis</i>

# Scottish BSBI Data

- ▶ The Scottish BSBI Data was supplied on the 24 January in two distinct datasets:
  1. Scottish Computerisation Project records (1 Million records)
  2. Non Scottish Computerisation Project data (4 Million records)
- ▶ Both with the same type of Creative Commons licence.
- ▶ The data is being supplied and uploaded separately so the funders of the Scottish Computerisation Project, SNH and Esmée Fairbairn can be appropriately credited.

# Scottish Computerisation Project: a recap

- ▶ Between 2005-2012 c. 1 million records were digitised by the Scottish Computerisation Project with funding from SNH and Esmée Fairbairn.
- ▶ It was a condition of that funding that the data be made publicly and fully available on the NBN and the funders be credited.
- ▶ 520,000 Scottish Computerisation Project records are already on the NBN Gateway at full (capture) resolution, with full site names and recorder names, subject to some sensitive species restrictions.
- ▶ But now 1 million Scottish Computerisation records will appear on the NBN Atlas Scotland when it goes fully live on the 1<sup>st</sup> April.
- ▶ It includes the data that underlies the Flora of Lanarkshire, Plant Life of Edinburgh & the Lothians and The Changing Flora of Glasgow.

# Discussion

