

NBN Atlas: Searching by Location

Species records can be searched for by specific location. There are multiple methods for doing this on the NBN Atlas.

Searching Pre-Defined Areas

-One method is to select an area from an existing list. from the NBN Atlas homescreen, click '**Locations**' in the top right, and select '**Explore by pre-defined area**' (1).



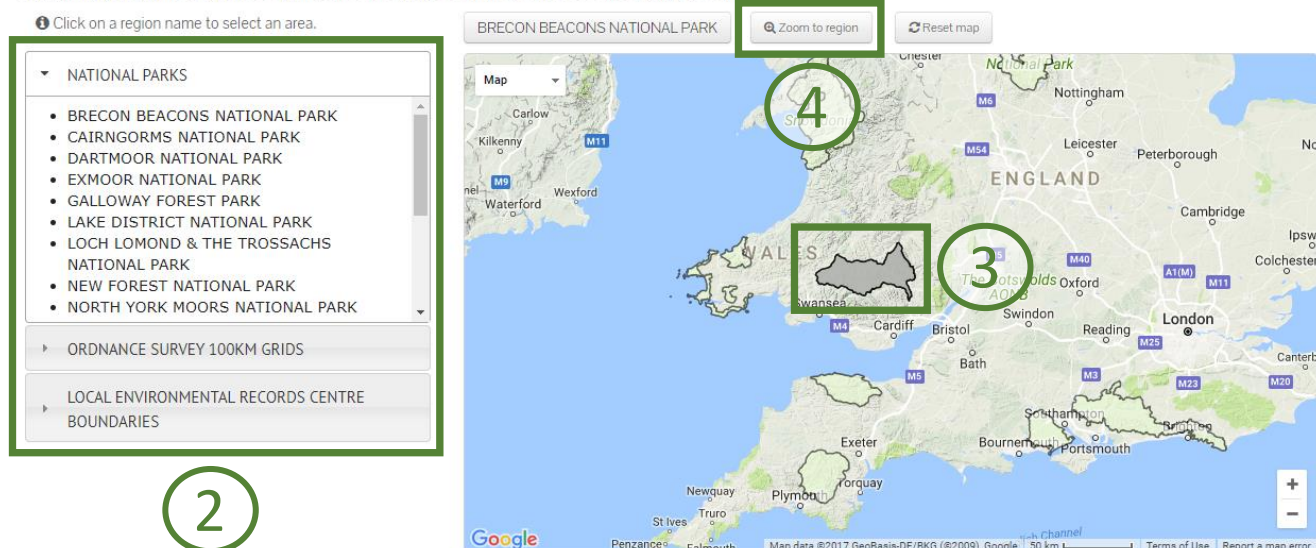
-Select a region from the list on the left. These regions fall into three categories; National Parks, Ordnance Survey 100km Grids and Local Environmental Records Centre Boundaries (2).

-Selecting an area from the list will cause it to be highlighted on the map on the right (3). Click '**Zoom to region**' to focus the map on the selected area (4).

-To view species records in the selected area, click the highlighted area on the map.

Select a region to explore

Select the type of region on the left. Click a name or click on the map to select a region. Use map controls or shift-drag with your mouse to zoom the map. Click the region button to explore occurrence records, images and documents associated with the region.



-By default, records for all species are displayed (5), and are detailed on the left of the page (6). Clicking on a species name will cause only records for that species to be displayed. The name of each species is listed next to the number of records available for that species in the selected area. You can select species groups on the left hand side.

OCCURRENCE RECORDS (697,018)

Explore by species Explore by taxonomy

Group	Species	Records
▼ All Species	1. Abax parallelepipedus	16
► Mammals	2. Abia sericea	1
► Birds	3. Abida secale : Large	11
► Insects	4. Chrysalis Snail	
► Amphibians	5. Abies alba : European Silver-Fir	1
► Reptiles	6. Abies grandis : Giant Fir	1
► Fish	7. Abies procera : Noble Fir	2
► Molluscs	8. Ablabesmyia phatta	2
► Crustaceans	9. Abraeus perpusillus	1
► Plants	10. Abramis brama : Bream	5
► Fungi	11. Abraxas grossulariata : Magpie	15
	12. Abraxas sylvata : Clouded Magpie	7
	13. Abrostola tripartita : Spectacle	8
	14. Absconditella delutula	1
	15. Acaena inermis : Spineless Acaena	5
	16. Acalles misellus	1
	17. Acanosema nervosa	23
	18. Acanthinula aculeata : Prickly Snail	995
	19. Acanthis cabaret : Lesser	

Time Controls and Map

1850 1850 - 2017 2017

Map

Map opacity controls

☒ Occurrences

☒ Region

-There are time controls above the map, which can be used to see how species have been recorded over time (7). Clicking the play button will cause the records on the map to be displayed by decade, in sequence. The timeline below the time controls will show the passage of time when the time controls are being used.

-By clicking 'Map opacity controls' below the map, you can change the appearance of records and the selected area on the map (8). The tick-boxes will whether or not they are displayed, and the sliders will alter their opacity.

Searching by Location

-Click 'Locations' in the top right of the NBN Atlas and select 'Explore by address, postcode or location' (1).

-On this map, records are displayed within the radius of a specific point (9). Yellow points are those with few points, while red points have more (10).

-To display records around a specific address or location, search for the location in the top left search bar (11). The red pin on the map can also be moved by clicking and dragging, to alter the position of the search radius.

Explore Your Area

Enter your location or address:

Hyde Park, London

Search

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E.g. street address, place name, postcode, GPS coordinates (as lat, long) or Ordnance survey grid reference

Showing records for: Serpentine Rd, London W2 2UH, UK

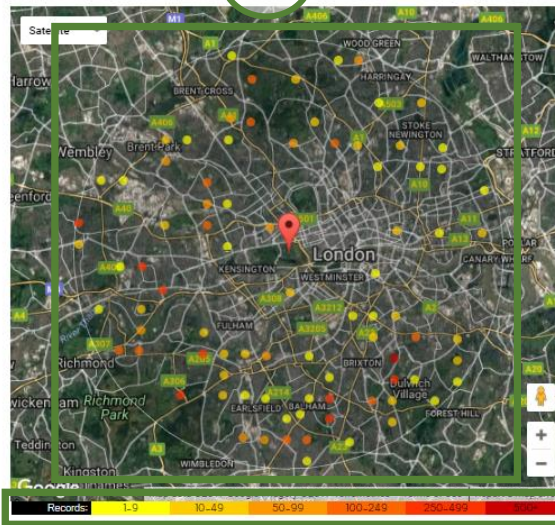
Display records in a 10 km radius

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Group	Species	Species	Common Name	Records
All Species	5650	1.	<i>Apodemus sylvaticus</i> : Wood Mouse	1007
Animals	4067	2.	<i>Arvicola amphibius</i> : Water Rat	6
Mammals	38	3.	<i>Capreolus capreolus</i> : Roe Deer	2
Birds	304	4.	<i>Cervus elaphus</i> : Red Deer	11
Reptiles	6	5.	<i>Dama dama</i> : Fallow Deer	7
Amphibians	8	6.	<i>Eptesicus serotinus</i> : Serotine	10
Fish	27	7.	<i>Emmuscus coropetes</i> : Hoogenboog	221
Molluscs	169	8.	<i>Felis catus</i> : Domestic Cat	6270
Arthropods	1470		species profile list of records	
Crustaceans	51	9.	<i>Lepus europaeus</i> : Brown Hare	4
Insects	3157	10.	<i>Meles meles</i> : Badger	10
Plants	331	11.	<i>Microtus agrestis</i> : Field Vole	8
Bryophytes	264	12.	<i>Muntiacus reevesi</i> : Chinese Barking Deer	15
Gymnosperms	0	13.	<i>Mus musculus</i> : House Mouse	6
FernsAndAllies	0	14.	<i>Muscardinus avellanarius</i> : Common Dormouse	1
Angiosperms	0	15.	<i>Mustela erminea</i> : Stoat	7
Monocots	0	16.	<i>Mustela nivalis</i> : Weasel	8
Dicots	0	17.	<i>Mustela putorius</i> : Polecat	1
Fungi	1209	18.	<i>Myodes glareolus</i> : Bank Vole	4
Chromista	13	19.	<i>Myotis daubentonii</i> : Daubenton's Bat	62
Protozoa	30	20.	<i>Myotis myotis</i> : Mouse-Eared Bat	1
Bacteria	0	21.	<i>Myotis nattereri</i> : Natterer's Bat	42
Algae	4	22.	<i>Neomys fodiens</i> : Water Shrew	

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Tips: you can fine-tune the location of the area by dragging the red marker icon

-To change the size of the search radius, select 1, 5 or 10km from the drop-down menu below the search bar (12).

-As with the pre-defined areas, the species with records in the search area are listed on the left, next to the number of records for that species.

-Select a species or species group to display only those records. When a species is selected, options will appear below its name for viewing the species' information profile, or a list of all the displayed records (13).

Searching by Polygon

-Click 'Locations' in the top right of the NBN Atlas, then select 'Search by Polygon'

Simple search

Advanced search

Batch taxon search

Catalogue number search

Spatial search

Select one of the draw tools (polygon, rectangle, circle), draw a shape and click the search link that pops up.

Import an existing GIS area

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species count: 15860

occurrence count: 9061769

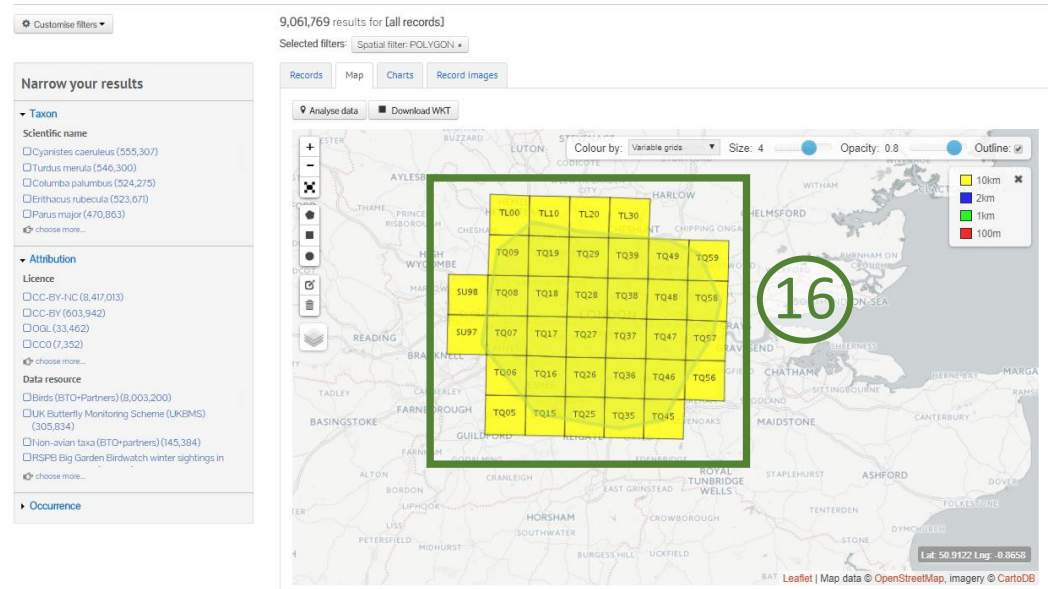
Search for records in this area

Lat: 51.2415 Lng: 0.2486

(1).

-You will be presented with the 'Spatial Search' map. Use the drawing tools on the left of the map to draw an area in which to search for species records (14). These tools will allow you to draw a circle, rectangle, or custom polygon on the map.

-Once the area has been drawn, a dialogue box will appear telling you the number of species and total number of records represented in that area. Click 'Search for records in this area' (15).



-All species records within the area will be displayed. To view a list of all records, click the 'Records' tab (17). The displayed records can be filtered as needed.

-To search for individual species within a drawn area, please view the 'Viewing Species Information on a Map' page.

