

Citizen science for nature

Lisa Chilton
National Biodiversity Network Trust



Amethyst Deceiver , Blackdown Hills AONB, October 31, 2021 by x4y · iNaturalist CC-BY-NC



- Introducing the NBN Trust
- The importance of citizen science for nature
- Projects and schemes
- Call to action

Our vision

**Nature thriving everywhere,
in all its diversity**

Our mission

Making data work for nature

www.nbn.org.uk



European Robin , Frome, October 04, 2021 by Beth · iNaturalist CC-BY-NC

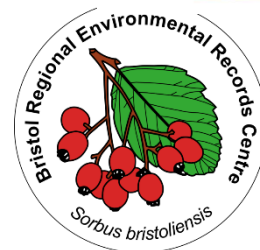
NBN – the UK's largest partnership for nature



See <https://nbn.org.uk/about-us/who-we-are/nbn-members/> for full list of 200+ members



**Sheffield &
Rotherham**



DERC

Dorset Environmental Records Centre



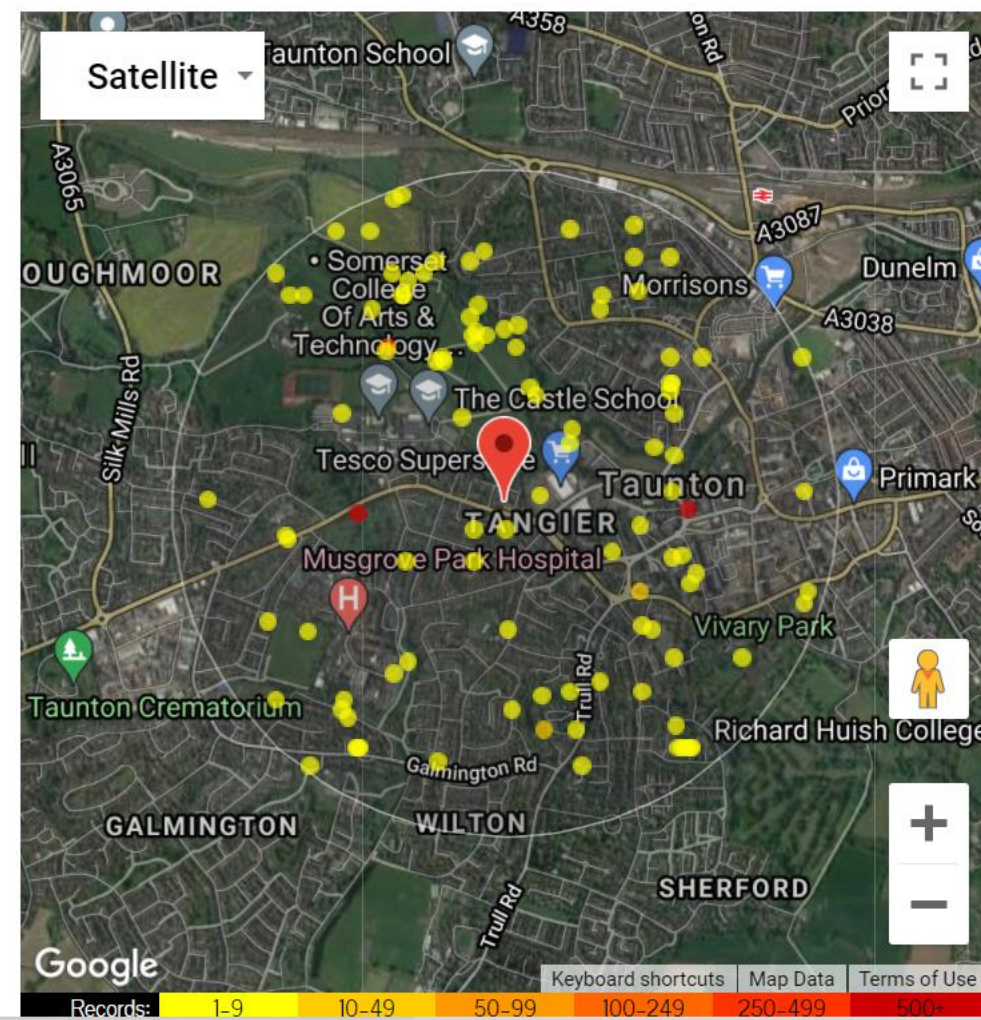
Showing records for: Steps Way, Wellington Rd, Taunton TA1 5AW, UK

Display records in a km radius

 View all records

 Download

Group	Species	Species : Common Name	Records
All species	135	1. <i>Accipiter nisus</i> : Sparrowhawk	73
Animals	121	2. <i>Acer campestre</i> : Field Maple	1
Amphibians	1	3. <i>Acer pseudoplatanus</i> : Sycamore	1
Arthropods	39	4. <i>Acrocephalus schoenobaenus</i> : Sedge Warbler	1
Crustaceans	1	5. <i>Acrocephalus scirpaceus</i> : Reed Warbler	7
Insects	37	6. <i>Actitis hypoleucos</i> : Common Sandpiper	3
Myriapods	1	7. <i>Aegithalos caudatus</i> : Long-tailed Tit	265
Spiders and Allies	0	8. <i>Aeshna cyanea</i> : Southern Hawker	3
Birds	72	9. <i>Aeshna grandis</i> : Brown Hawker	1
Fishes	0	10. <i>Aeshna mixta</i> : Migrant Hawker	1
Mammals	7	11. <i>Agelastica alni</i> : Alder Leaf Beetle	1
Molluscs	1	12. <i>Aglais io</i> : Peacock	36
Reptiles	0	13. <i>Aglais urticae</i> : Small Tortoiseshell	37
Worms	1	14. <i>Aix sponsa</i> : Wood Duck	1
Bacteria	0	15. <i>Alcedo atthis</i> : Kingfisher	10
Chromista	0	16. <i>Ambigolimax nyctelius</i> : Balkan Threeband Slug	1
Fungi	0	17. <i>Anas crecca</i> : Teal	3
Plants	14	18. <i>Anas platyrhynchos</i> : Mallard	62
Algae	0	19. <i>Anax imperator</i> : Emperor Dragonfly	2
Bryophytes	0	20. <i>Andrena flavipes</i> : Yellow-legged Mining Bee	1
Clubmosses and	0	21. <i>Anser anser</i> : Greylag Goose	3
Firmosses	0	22. <i>Anthocharis cardamines</i> : Orange-tip	19
Ferns and Allies	0	23. <i>Anthriscus sylvestris</i> : Cow Parsley	1



NBN Atlas <https://nbnatlas.org>

A world map with a color-coded overlay representing biodiversity data. The colors range from dark blue (low biodiversity) to red (high biodiversity). High biodiversity areas are concentrated in tropical regions like the Amazon basin, Central Africa, and Southeast Asia. The map has a grainy, pixelated appearance.

Global Biodiversity Information Facility

www.gbif.org



A close-up photograph of a European Goldfinch perched on a dark branch. The bird has a distinctive red face, black and white head markings, and bright yellow wing bars. The background is a soft, out-of-focus green.

2,148,541
Observations to Date

SIGN UP ➞ EXPLORE ➞

 Stephen McWilliam ~ European Goldfinch from Woolton, Liverpool, England

<https://uk.inaturalist.org>

The importance of citizen science



- Leaders' Pledge for Nature
- 30 by 30
- Nature Positive 2030
- Nature Recovery Networks
- Biodiversity Net Gain
- Environmental Land Management Schemes

All these commitments need
biodiversity data!



City Nature Challenge

<https://citynaturechallenge.org/>



COLLECTIVE RESULTS 2021



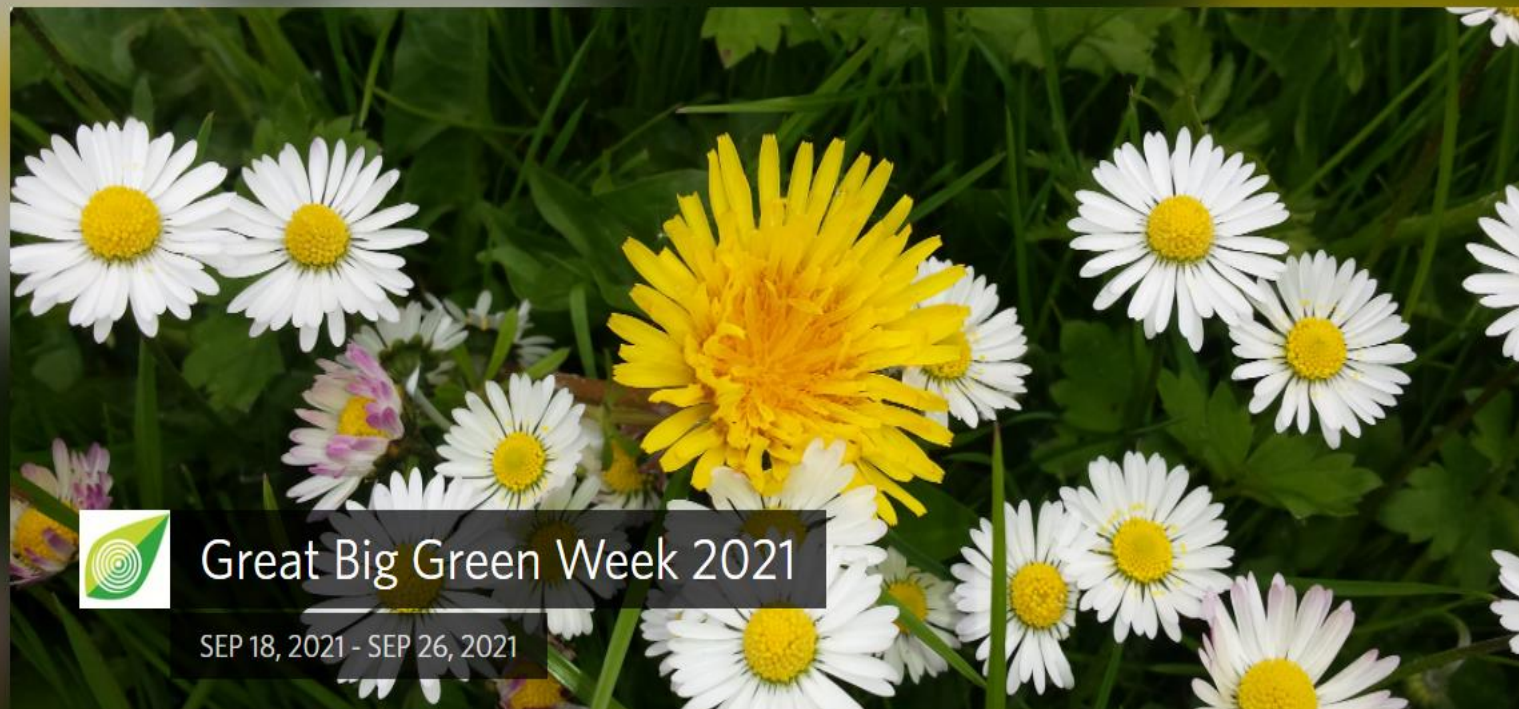
1270767



45399



52777



Great Big Green Week 2021

SEP 18, 2021 - SEP 26, 2021

About

Members 👤 26

Bringing together all wildlife sightings made during the [Great Big Green Week 2021](#) in the UK. Learn more about how data is used to help our understanding of the UK's wildlife through the [National Biodiversity Network Trust](#) and the [NBN Atlas](#)

[Read More >](#)

📅 Project Journal

Overview

25,960
OBSERVATIONS

3,311
SPECIES

1,179
IDENTIFIERS

4,357
OBSERVERS

⚡ Stats

<https://uk.inaturalist.org/projects/great-big-green-week-2021>



FAT SPIDER FORTNIGHT

Explore: Urban Nature is delivered in partnership with



Garfield Weston
FOUNDATION

About

Members 330

Join our spider-spotting team to discover the beauty and variety of these silk spinners. Spiders love autumn so you won't need to look far to support our understanding of their numbers and range.

[Read More >](#)

Project Journal



Most Observations

1st

jacobsnanny 35



sara1677 30



greataukward 21



caerellia 20



Most Species

1st

esmond1 7



bcarbuccia 5



phil313 5



mmmpppp 4



Most Observed Species

European Garden Spider 1,031



Noble False Widow 114



Long-bodied Cellar Spider 104



European Nursery Web Spider 32



Recent Observations



RG

Robin's Pincushion G...

Diplolepis rosae

1 3 hours ago



RG

Nettle Pouch Gall Mi...

Dasineura urticae

1 4 months ago

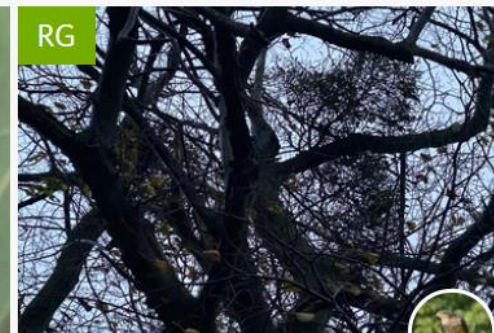


RG

Silk-Button Spangle Gall Wasp

Neuroterus numismalis

1 4 months ago



RG

Mistletoe

Viscum album ssp. *album* 3 3 days ago



1st

Most Observations

steve_mcwilliam

1,595



wildhamandpetersham

983



susan_marley

456



tiggrx

326



oliverc29

308



1st

Most Species

steve_mcwilliam

142



wildhamandpetersham

114



tiggrx

111



susan_marley

107



sk53

81



Most Observed Species

Robin's Pincushion Gall Wasp

1,115



Common Spangle Gall Wasp

840



Silk-Button Spangle Gall Wasp

811



Oak Marble Gall Wasp

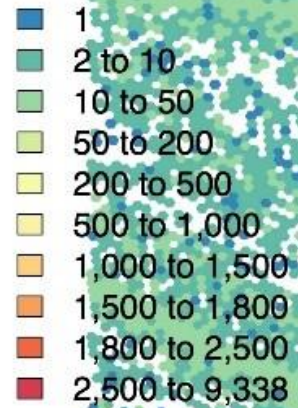
664



Knopper Gall Wasp

610

10km species count



Number of species
recorded per 10km square
in the UK, based on data
from the NBN Atlas

**Help make Somerset a
hotspot!**

Call to action



- Explore the NBN Atlas
- Have a go with iNaturalist
- Get involved with a project or group
- Spread the word

European Red Deer , Somerset, October 30, 2021 by David Thomas. · iNaturalist CC-BY-NC

Thank you



Lisa Chilton

l.chilton@nbn.org.uk

@lisachilton

www.nbn.org.uk

www.nbnatlas.org

<https://uk.inaturalist.org>

[@NBNTTrust](#)

[@NBNAAtlas](#)