

Get Cumbria Buzzing!



Carolyn Postlethwaite, Get Cumbria Buzzing Project Officer
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Get Cumbria Buzzing!

- Created or enhanced **115** hectares of pollinator friendly habitat
- Work with communities along Cumbria's north west coast
- Take an innovative approach to managing road verges
- Work with Cumbria Biodiversity Data Centre (CBDC) to develop a pollinator atlas
- Worked with volunteers to create and run a wildflower nursery



- **Increase the number and diversity of pollinating insect species**
- **Raise awareness and increase knowledge of pollinators**
- **Encourage everyone to take action for pollinators**



Cumbria
Wildlife Trust



Photo: Steve Doyle



Get Cumbria Buzzing!

Project Extension until Sep 2022 – Final Year!



Cumbria
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1. The Big Plant!

1st-8th May 2022

100 community events planting 15,000 wildflowers in 1 week!

2. Recording the Buzz

Grey Square Challenge

Recorder training events

Cumbria Bumblebee Atlas

State of Pollinators in Cumbria report

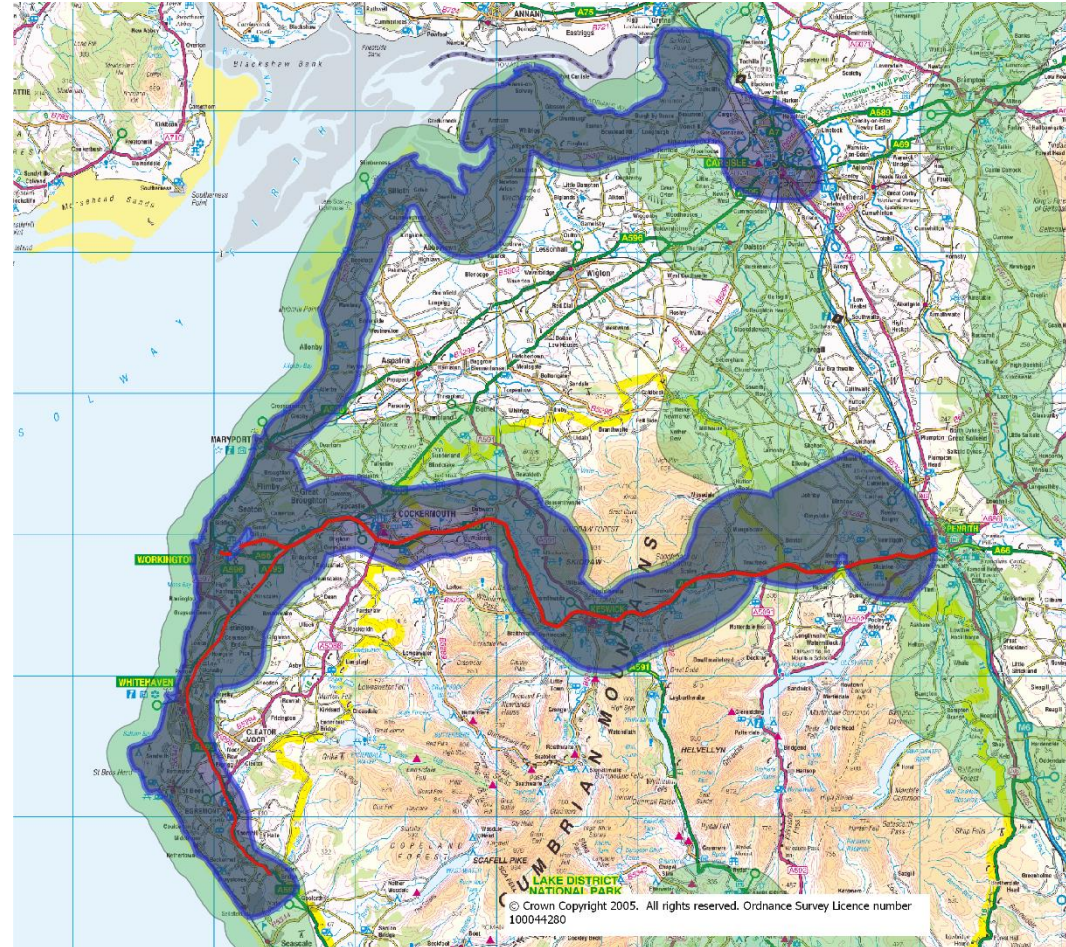
3. 5 Ways to Wellbeing

Wellbeing in nature events

4. The Big Buzz!

22nd-25th September 2022

National Conference & Carlisle Festival of Pollinators



Get Cumbria Buzzing project

Legend

- Project Area
- B-Line Network
- Strategic Road Network

Created by: Neil Hamnett November 2018

0 5 10 15 km



Cumbria
Wildlife Trust

Registered in England as Cumbria Wildlife Trust Limited, a company limited by guarantee No. 00724133. Registered Charity No. 218711.

Get Cumbria Buzzing!

Recording the Buzz

A targeted campaign **to enlist, train and support volunteers to record pollinators** across our project area, including under recorded areas within north west Cumbria



VOLUNTEER OPPORTUNITY

Pollinator Recorders 2022

We are looking for people who would like to train and volunteer as pollinator recorders, ideally in North West Cumbria and Carlisle but...



Spring Training Events Programme

Pollinator field identification & recording days with Stuart Colgate of CBDC

Friday 22 April, 10:00-16:00 | Crosscanonby Carr Nature Reserve, Maryport

Tuesday 3 May, 10:00-16:00 | Keswick

Friday 20 May, 10:00-16:00 | West Carlisle

Sunday 5 June, 10:00-16:00 | Workington

Monday 20 June, 10:00-16:00 | Greystoke



March online talks

4 March, 18:00-19:30 | Beginners bumblebee identification

10 March, 18:00-19:30 | Intermediate bumblebee identification

23 March, 19:00-20:30 | Pollinator recording - how and why I should help with CBDC

Other Get Cumbria Buzzing ID/recording events

5 April, 10:30-12:00 & 13:30-15:00 | We're going on a bee hunt! | Family bumblebee walks at Gosling Sike, Carlisle

9 April, 09:00 - 12:00 | Introduction to moth trapping | DIY moth trap workshop at Gosling Sike, Carlisle

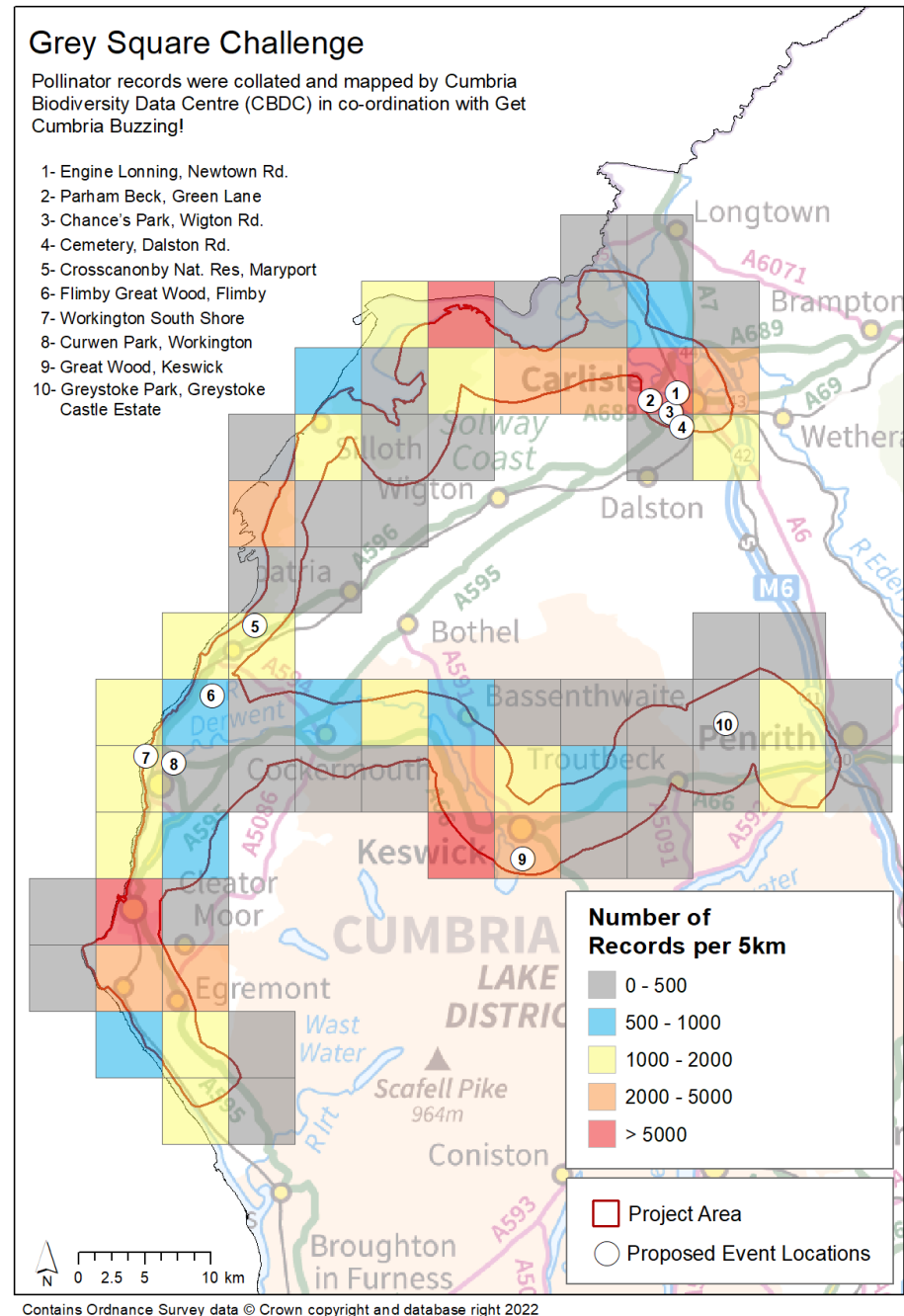
29 May, 10:30-12:00 & 13:30-15:00 | We're going on a bee hunt! | Family bumblebee walks at Haig Grasslands, Whitehaven

Event and booking details will be available on the Cumbria Wildlife Trust What's On pages shortly!

Get Cumbria Buzzing!

Opportunities for recording at many levels:

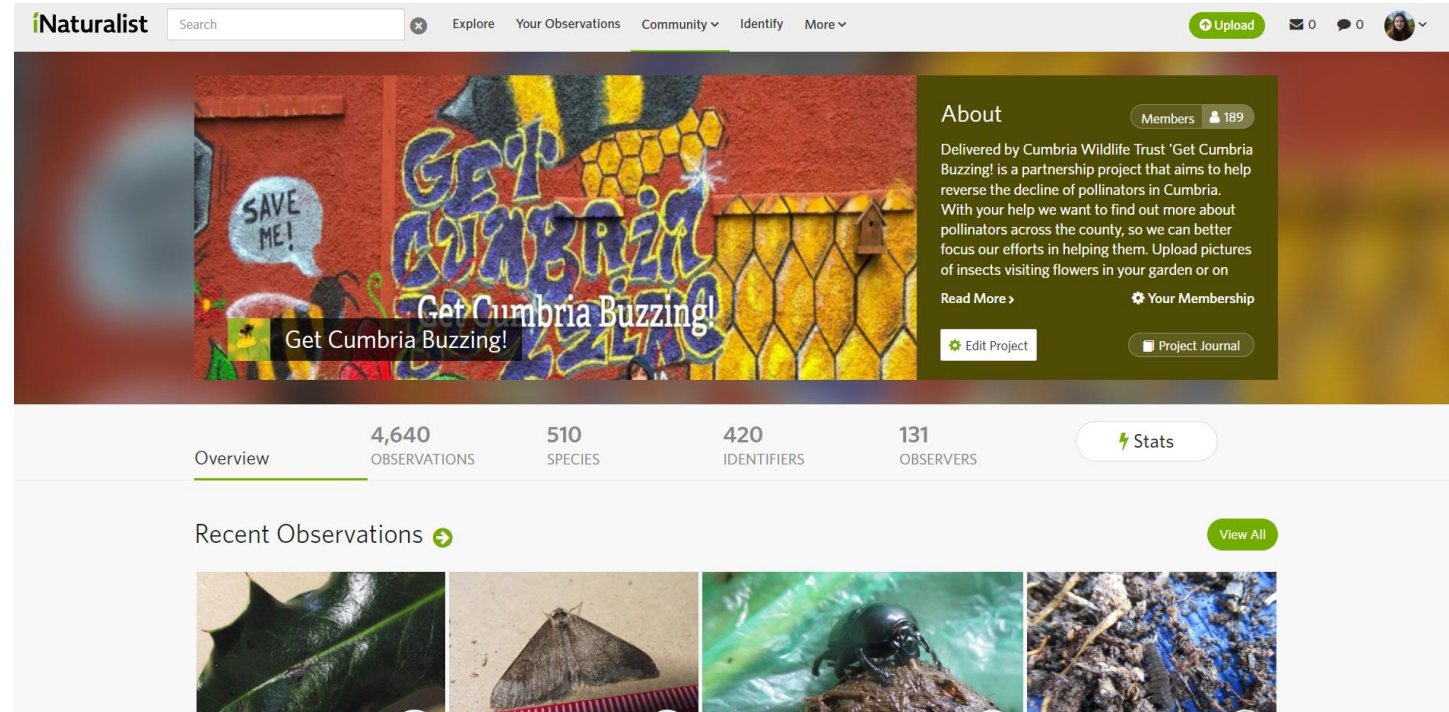
- iNaturalist
- CBDC record submissions
- Regular monthly transect – at your local site or a GCB site
- Adopt a Grey Square!





- Download iNaturalist and join the **Get Cumbria Buzzing!** iNaturalist project

- Promoted as one of the many ways biological records can be generated
- Easy for first time biological recorders to use and feel part of the larger community



Get Cumbria Buzzing!

CBDC Record Submissions



Cumbria
Wildlife Trust



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Cumbria Biodiversity Data Centre

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[GeoConservation](#)

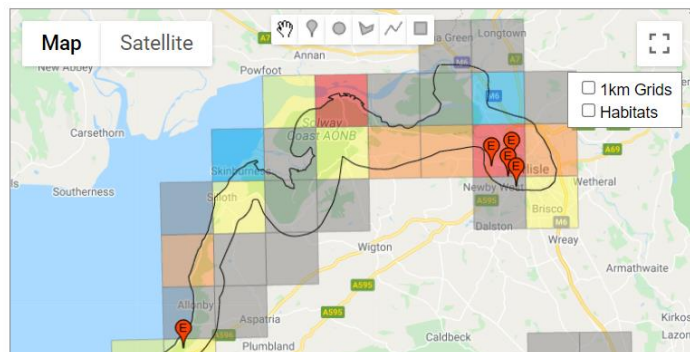
Get Cumbria Buzzing

The map shows 'Grey Square' challenge areas and the survey event locations (E).



GET CUMBRIA BUZZING - ONLINE MAPPING TOOL

Google Map with drawing tools. Best browsed by [Google Chrome](#).



- ▶ About Us
- ▶ Case Studies
- ▶ Meet the Team
- ▶ Contact Us
- ▶ Our History
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- ▶ Annual Report and Accounts
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- ▶ Job Vacancies
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- ▶ Projects
 - ▶ Cumbria Dragonfly Atlas
 - ▶ Get Cumbria Buzzing

https://www.cbdc.org.uk/about-us/projects/cumbria_buzzing_project/

Get Cumbria Buzzing

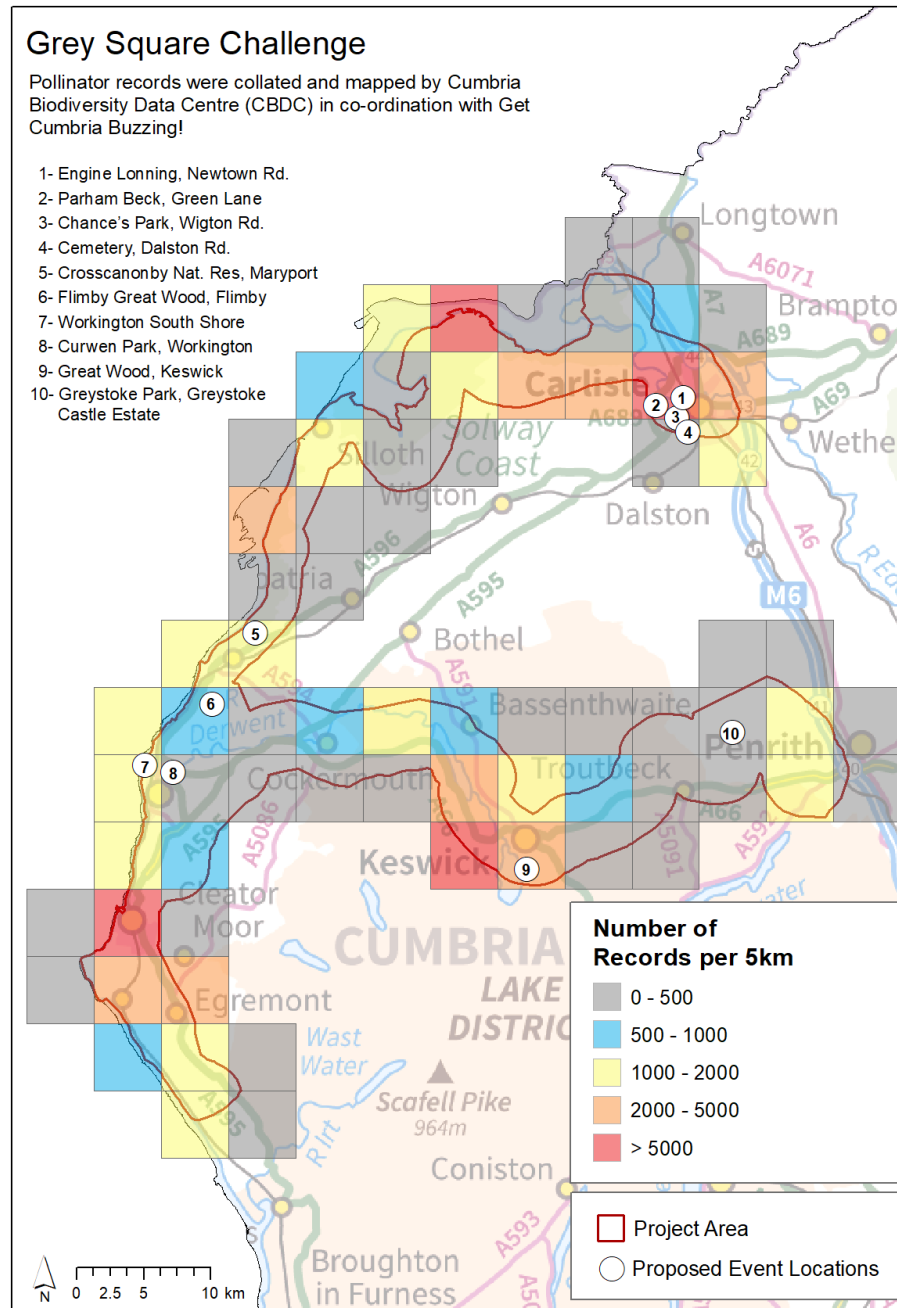
Grey Square Challenge

Adopt a Grey Square!

Grey Square Challenge

Pollinator records were collated and mapped by Cumbria Biodiversity Data Centre (CBDC) in co-ordination with Get Cumbria Buzzing!

- 1- Engine Lonning, Newtown Rd.
- 2- Parham Beck, Green Lane
- 3- Chance's Park, Wigton Rd.
- 4- Cemetery, Dalston Rd.
- 5- Crosscanonby Nat. Res, Maryport
- 6- Flimby Great Wood, Flimby
- 7- Workington South Shore
- 8- Curwen Park, Workington
- 9- Great Wood, Keswick
- 10- Greystoke Park, Greystoke Castle Estate



Cumbria Bumblebee Atlas & State of Pollinators in Cumbria Report



Cumbria
Wildlife Trust



Small Garden Bumblebee

Bombus hortorum



Species distribution map from <https://nbnatlas.org>

Description:

Bombus hortorum (Linnaeus, 1761), has the longest tongue of all British bumble bee species, and it is one of only two remaining long tongued bumble bee species that are thought to be widespread. All three castes are similar, with a yellow-black-yellow thorax, a yellow band at the base of the abdomen, and a pure white tail.²

The species is parasitized by the similar-looking Barbut's cuckoo-bumblebee (*Bombus barbutellus*), but the cuckoo does not have pollen baskets. Both it and the Heath bumblebee (*Bombus jonellus*) also have round faces only as long as they are wide, whereas the Garden bumblebee has a face between 1.1 and 1.4 times as long as wide. The male genital capsule is useful to check the ID, particularly of worn specimens.¹

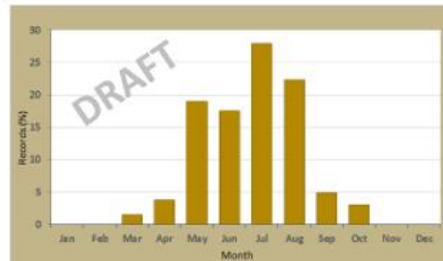
Widespread:

One of the 'Big 7' widespread and abundant species, found in a wide range of habitats across the UK and often frequent in gardens, where it is one of two common species found visiting foxglove.¹

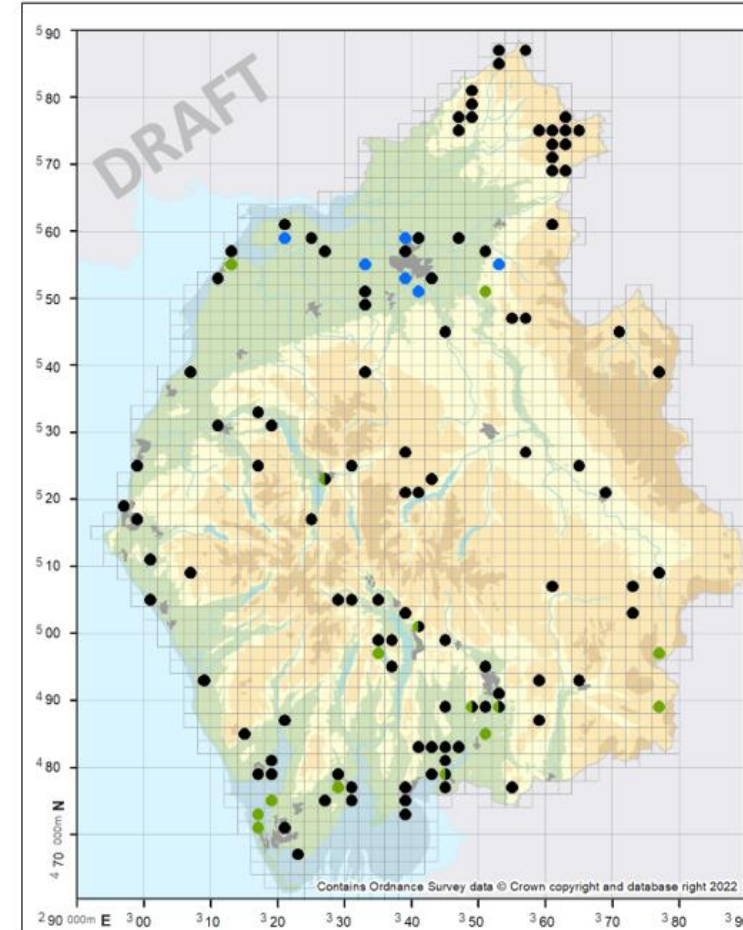
Having a long tongue means that it is a very useful pollinator of flowers with gullet, bell and funnel and flag type florets, and this means they are helpful pollinators of the bean and pea family, as well as clover (alfalfa), which is an important crop for cattle.²

Status and Disruption in Cumbria:

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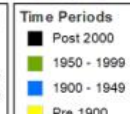
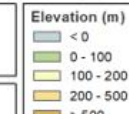


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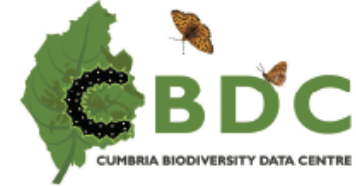


Small Garden Bumblebee *Bombus hortorum*

Recorded (First: 1917 Most Recent: 2021)



No. Records
213
19
45
0



Get Cumbria *Buzzing!*

Thank You!



Carolyn Postlethwaite

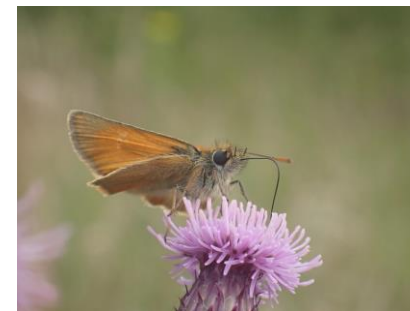
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Planting for Pollinators



Ryan Clark, Planting for Pollinators Ecologist

Planting for Pollinators was developed by Cumbria Local Nature Partnership and is delivered by Cumbria Wildlife Trust, in partnership with Cumbria County Council

Green Recovery Challenge Fund

Department
for Environment
Food & Rural Affairs

The
National Lottery
Heritage Fund

Environment
Agency

NATURAL
ENGLAND



Made possible with

**Heritage
Fund**

The Project

- Cumbria Wildlife Trust in Partnership with Cumbria County Council
- Building on the success of Get Cumbria Buzzing!
- Expanded geographical area, new partnerships and new habitat interventions
- Runs until March 2023
- 8 FTE roles created / retained
- Funded by the Green Recovery Challenge Fund, administered through the National Heritage Lottery Fund



Green Recovery Challenge Fund

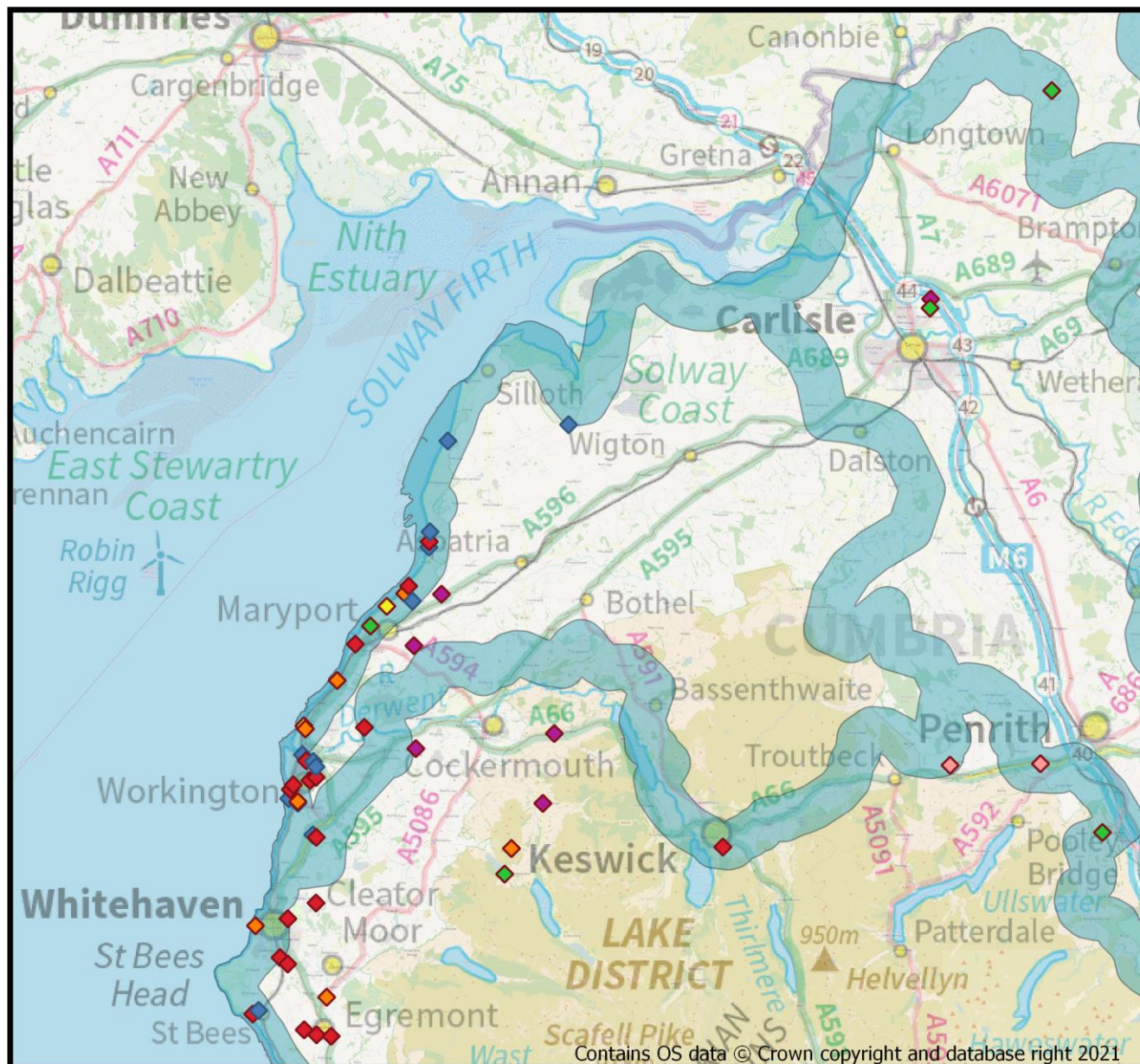
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GRCF Planting for Pollinators

Site Locations

Restoration Sites

- ◆ Burial Ground
- ◆ Cycle Route
- ◆ Farmland
- ◆ Nature Reserve
- ◆ Parish
- ◆ Park or Community Site
- ◆ Road Verge
- Cumbria B-Lines



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Restoration



2019: Pre restoration



2020: Year 1 Post restoration



2021: Year 2 Post restoration

The Plant Nursery

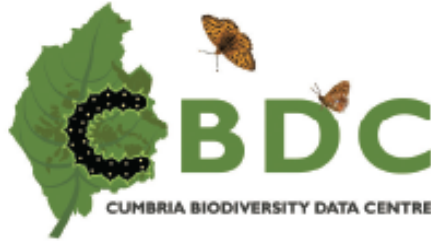


Community Engagement

- Facilitating people to act for pollinators in a number of ways
 - Volunteering
 - Recording pollinators
 - Making a difference in their local communities
- Empowering them too!



Photos from GCB



- Continuing work on iNaturalist in local communities around the project sites
- Working very closely with CBDC and recorders(?)
- Evidenced-based conservation



Cumbria Pollinator Strategy

- Co-ordinated by the Local Nature Partnership which includes key stakeholders
- A key legacy for the project – using knowledge/experience gained to influence wider work for pollinators
- Using verified biological records to highlight what we do and don't know about Cumbria's pollinators
- Raise awareness of pollinators across all sectors of Cumbrian society, and seek commitments from people and organisations to support or deliver important work
- Highlighting priorities for future projects



Conservation Officers

- Supporting and training three entry level Conservation Officers to further their careers in conservation
- Involved with every aspect of the works, and have their own project too
- Training in:
 - Data collection and management
 - Habitat assessment an surveys
 - Training for tool use, health and safety, risk assessments
 - Managing volunteers
 - Job searches, applications and interviews



Thank You

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Protecting **Wildlife** for the Future