

**National Biodiversity Network Trust
is making data work for nature**



The NBN Atlas: Building capacity and connections

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Data on

51,000+

different species are available

1 billion+

species records downloaded

1,000+ datasets are available

300 million+

species occurrence records are shared



100 million+

records from the NBN Atlas are being shared globally to the Global Biodiversity Information Facility (GBIF)



184 data partners

share their data

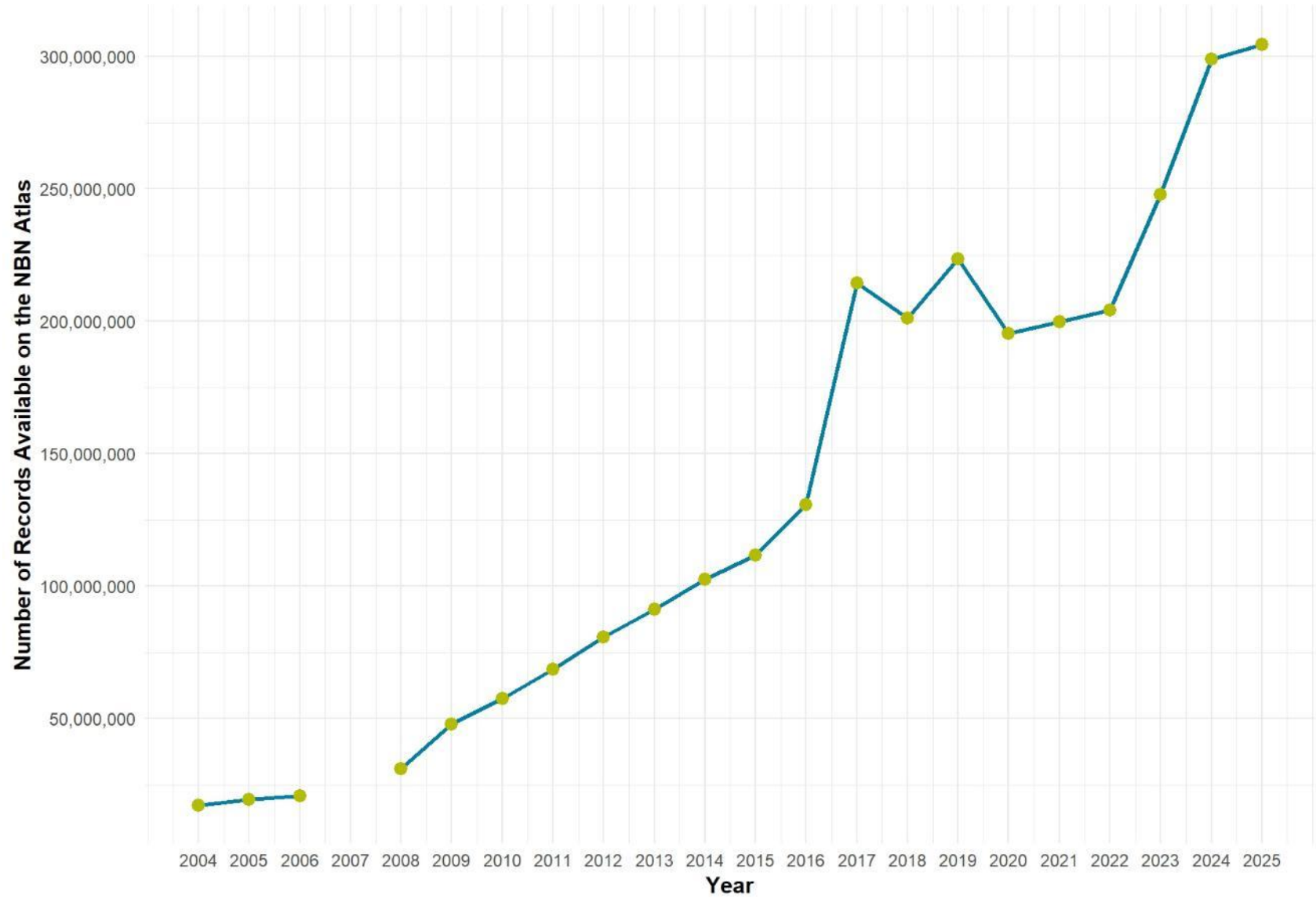
Our Mission

Making data work for nature

Biodiversity data is providing the **evidence** needed for nature's recovery

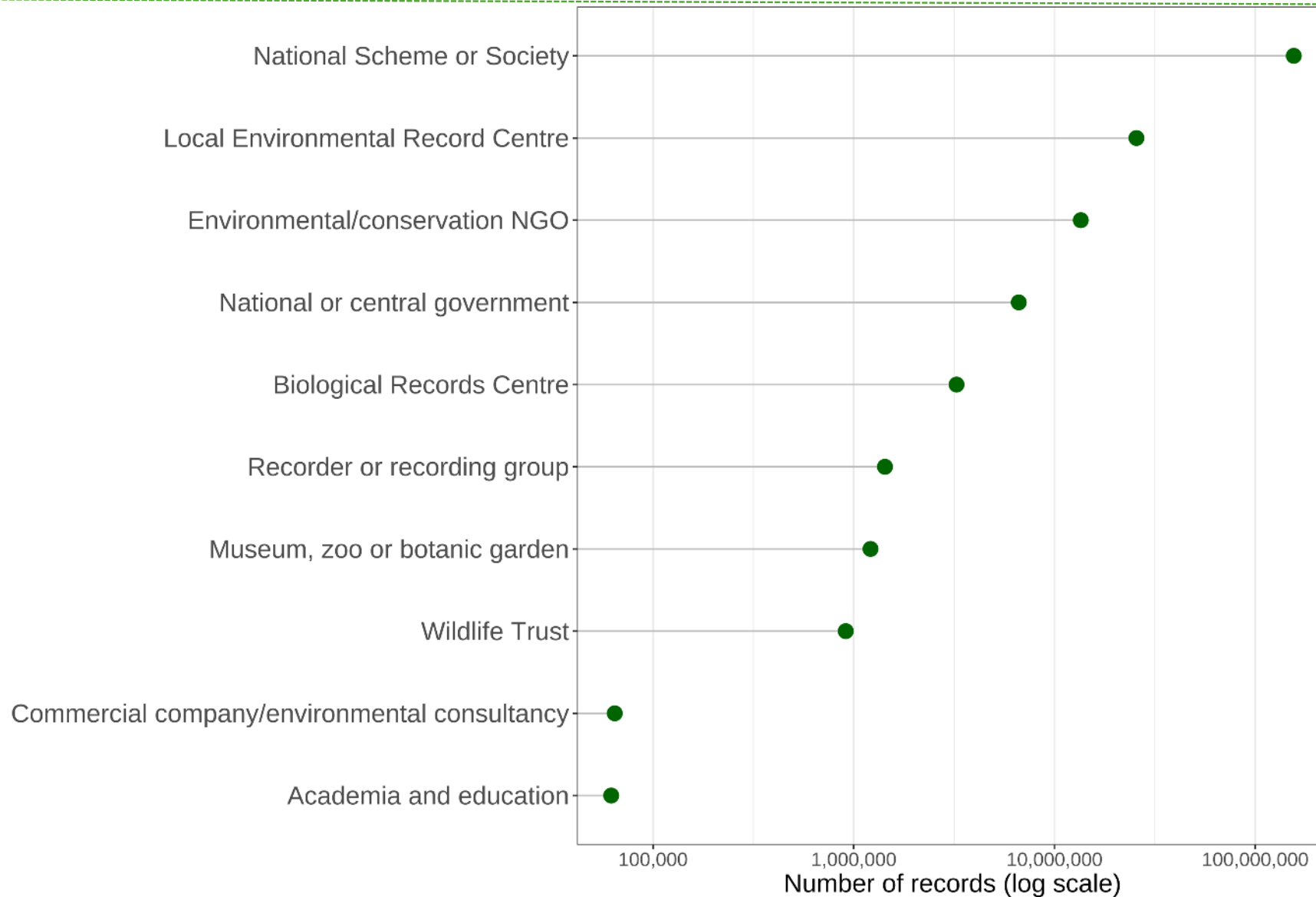
The NBN Atlas is the UK's national infrastructure for open species data.



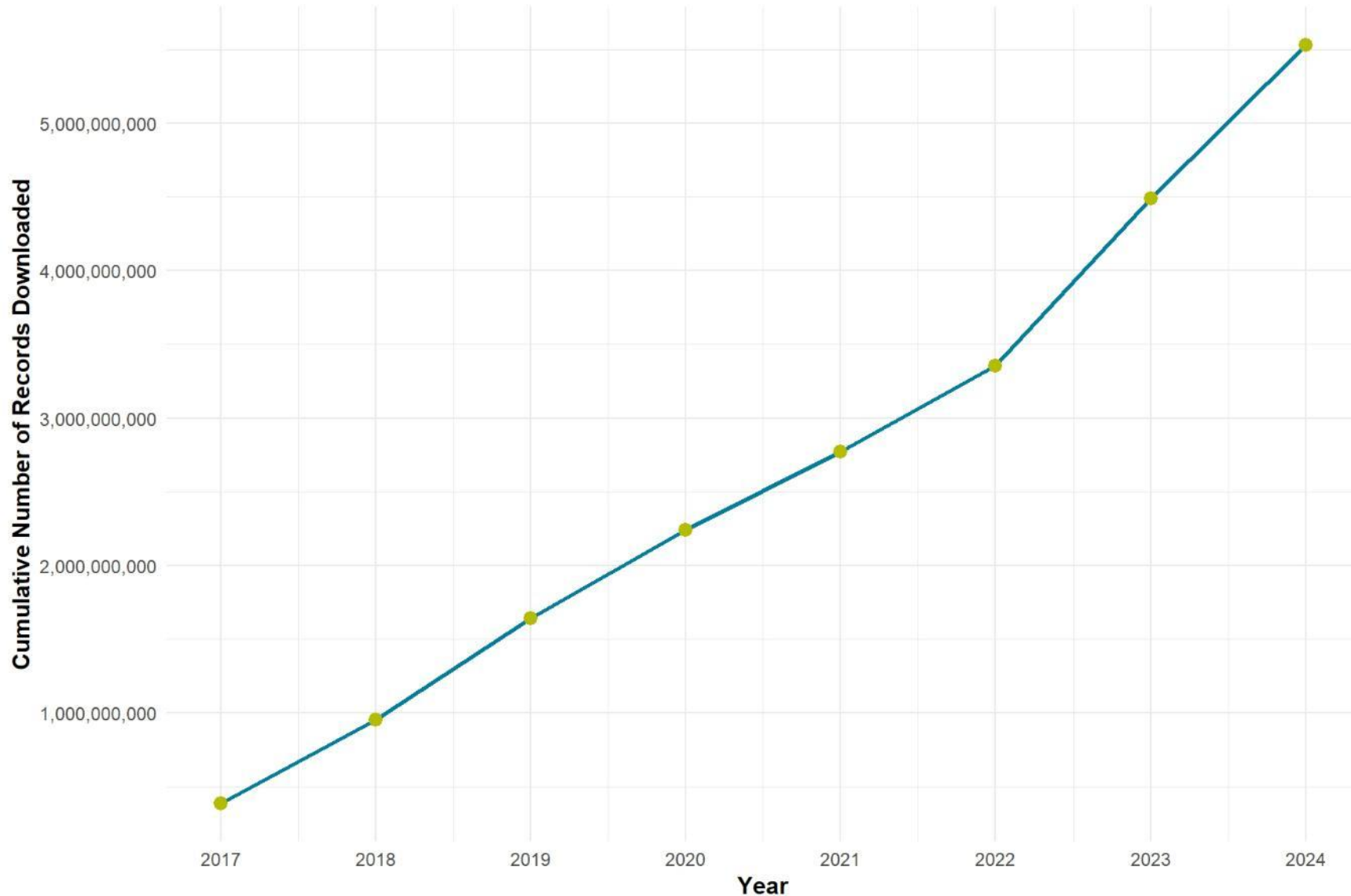


**Number of Records
on the NBN Atlas**

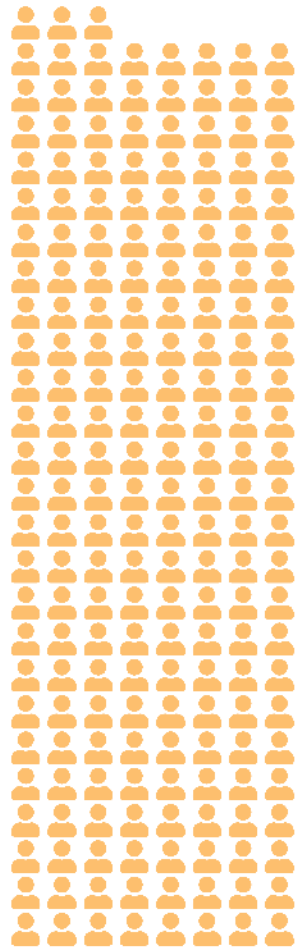
Who shared the data?



**Types of NBN Atlas
data partner**



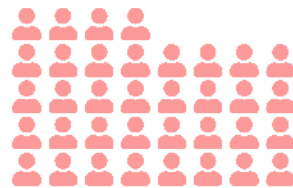
**Cumulative
downloads from the
NBN Atlas**



Academic



Consultant



Recorder



Personal interest



Statutory

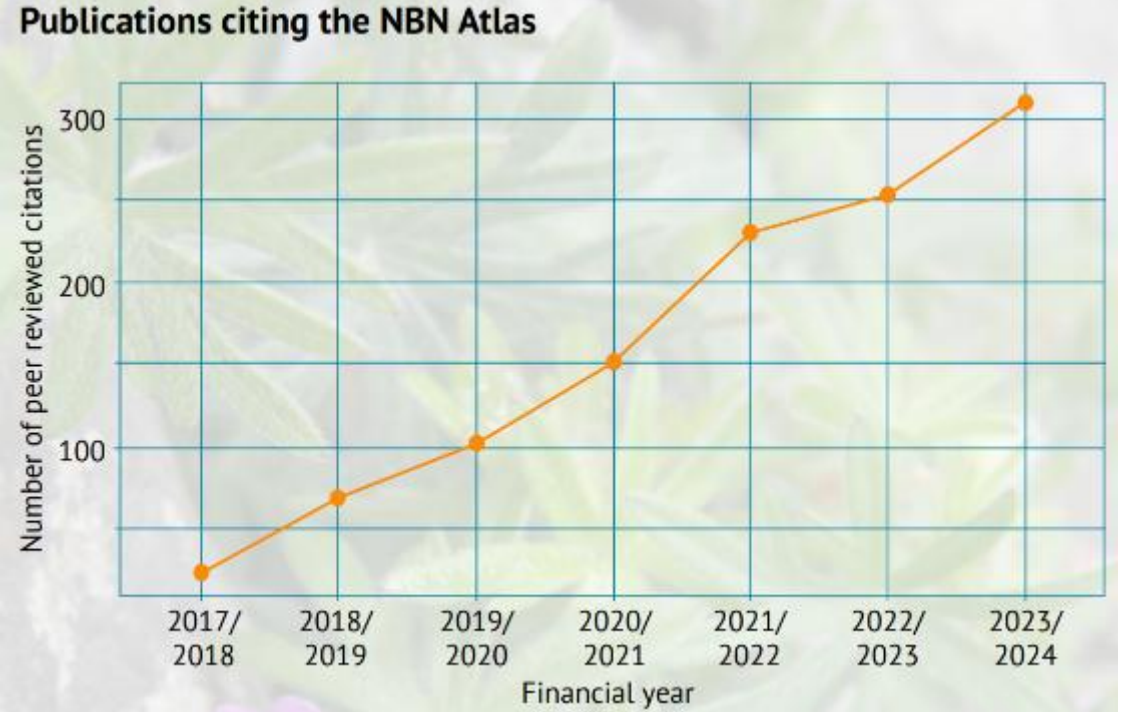


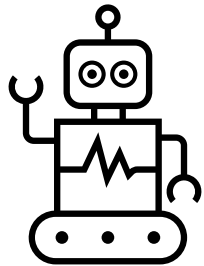
Non-governmental



College / school

 = 30 user accounts





Pipelines

New pipeline data processing platform

- Integration testing
- Data ingestion
- Imminent switchover



Accelerator

Technical enhancements and strategy development

- Rollout of Access Controls
- Data Profiles
- Conservation Designations
- Mapping upgrades and scoping further work
- User experience improvements

Biota / Eukaryota / Animalia / Arthropoda / Hexapoda / Insecta / Coleoptera / Polyphaga / Elateriformia / Buprestoidea / Buprestidae / Trachys / Trachys scrobiculatus

Trachys scrobiculatus Kiesenwetter, 1857

JSON

Ground-Ivy Jewel Beetle

species Accepted Name authority: UKSI Establishment means: Native

Overview Gallery Names Classification Records Literature Sequences Data Partners

Conservation Status

RARE AND SCARCE

Nationally Scarce

RED LIST

Least concern

Online Resources

- JSON
- GBIF
- Encyclopaedia of Life
- Biodiversity Heritage Library
- PESI

283 records (283 in total)

This map contains both point- and grid-based occurrences at different resolutions



Occurrence records

Customise filters

View Searches

37,176 results for Data resource: Roost Count

Selected filters: [exclude] Occurrence status: "absent"

Records

Map

Charts

Record images

Overview and download

Alerts

Narrow your results

Selected filters

[exclude] Occurrence status: "absent"

Taxon

Attribution

Identification

Occurrence

Record

Assertions

Species: *Myotis nattereri* | Natterer's Bat Date: 2024-10-11 England OSGR: ST2413 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Myotis nattereri* | Natterer's Bat Date: 2024-10-01 England OSGR: ST2413 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Myotis nattereri* | Natterer's Bat Date: 2024-09-24 England OSGR: ST2413 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Rhinolophus hipposideros* | Lesser Horseshoe Bat Date: 2024-09-15 England OSGR: ST6547 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Pipistrellus pygmaeus* | Soprano Pipistrelle Date: 2024-09-14 England OSGR: TQ2668 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Pipistrellus pygmaeus* | Soprano Pipistrelle Date: 2024-09-14 England OSGR: TQ2668 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Myotis nattereri* | Natterer's Bat Date: 2024-09-09 England OSGR: ST2413 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Pipistrellus pipistrellus* | Common Pipistrelle Date: 2024-09-04 Scotland OSGR: NH0349 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Rhinolophus hipposideros* | Lesser Horseshoe Bat Date: 2024-09-04 England OSGR: ST4971 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

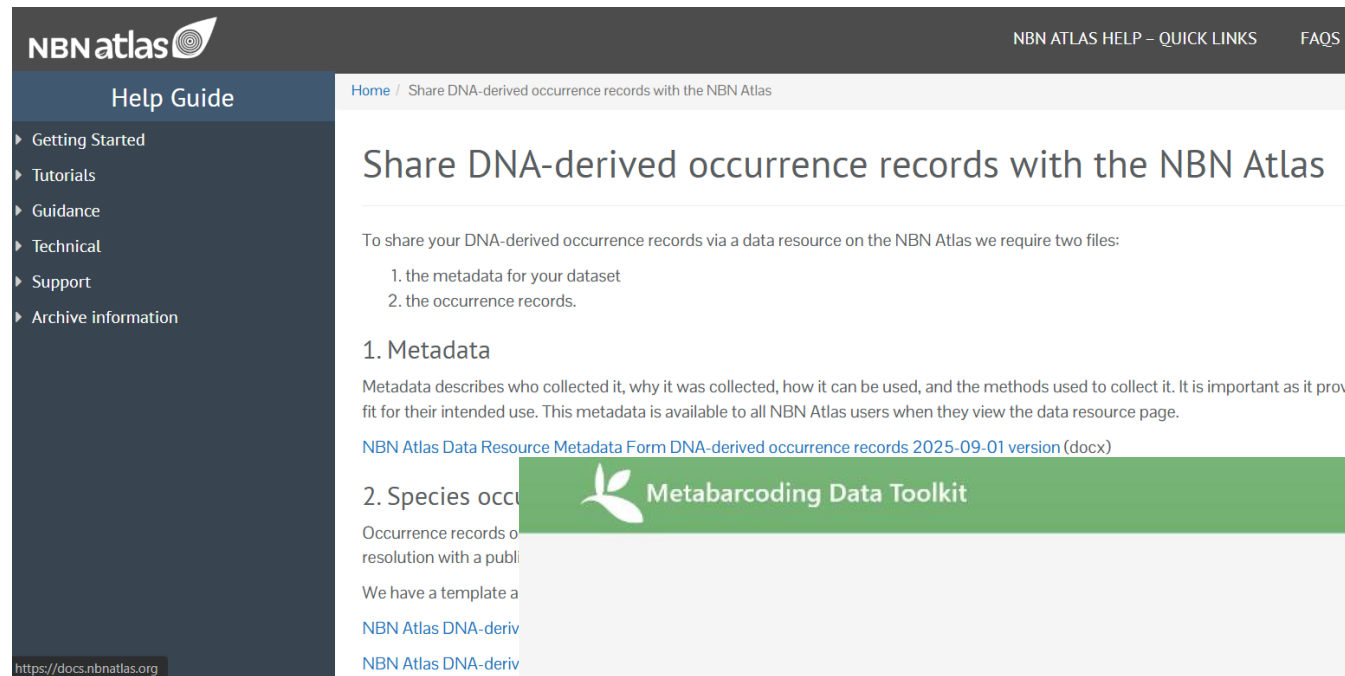
Species: *Myotis nattereri* | Natterer's Bat Date: 2024-09-03 England OSGR: ST2413 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)

Species: *Pipistrellus pygmaeus* | Soprano Pipistrelle Date: 2024-09-03 England OSGR: SZ9198 | public resolution 1km

Data Resource: Roost Count Basis Of Record: Human Observation [View record](#)





NBN atlas NBN ATLAS HELP – QUICK LINKS FAQs

Home / Share DNA-derived occurrence records with the NBN Atlas

Share DNA-derived occurrence records with the NBN Atlas

To share your DNA-derived occurrence records via a data resource on the NBN Atlas we require two files:

1. the metadata for your dataset
2. the occurrence records.

1. Metadata

Metadata describes who collected it, why it was collected, how it can be used, and the methods used to collect it. It is important as it provides information for their intended use. This metadata is available to all NBN Atlas users when they view the data resource page.

[NBN Atlas Data Resource Metadata Form DNA-derived occurrence records 2025-09-01 version \(docx\)](#)

2. Species occurrence records

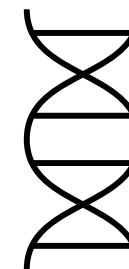
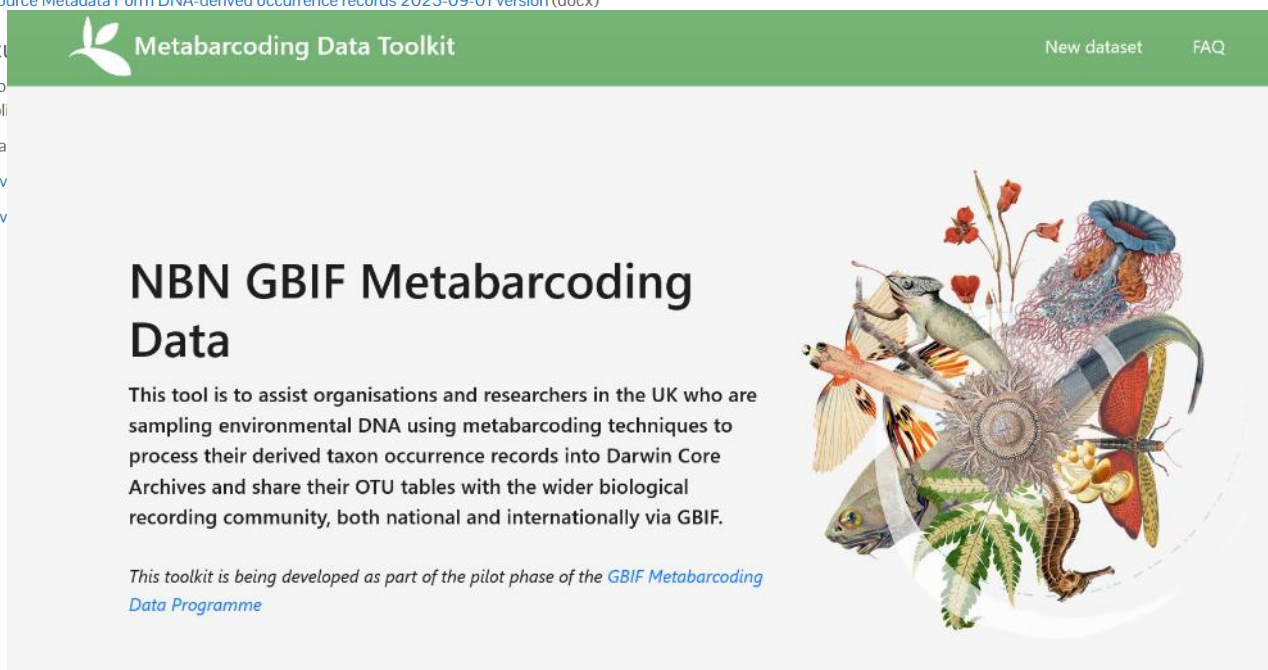
Occurrence records of species at a particular location and time, with a resolution with a public domain.

We have a template available for you to use.

[NBN Atlas DNA-derived occurrence records](#)

[NBN Atlas DNA-derived occurrence records](#)

<https://docs.nbnatlas.org>





Metabarcoding Data Toolkit New dataset FAQ L

NBN GBIF Metabarcoding Data

This tool is to assist organisations and researchers in the UK who are sampling environmental DNA using metabarcoding techniques to process their derived taxon occurrence records into Darwin Core Archives and share their OTU tables with the wider biological recording community, both national and internationally via GBIF.

This toolkit is being developed as part of the pilot phase of the [GBIF Metabarcoding Data Programme](#)



GBIF node

Mobilising data to GBIF and reciprocal sharing

Contribute to R&D

e.g. standards for DNA-derived data





NBN Atlas Strategy 2025-2030

NBN Trust
September 25, 2025

Developed in consultation with
NBN Atlas Stakeholder Advisory Group

Launched **October 2025**





The NBN Atlas as a vital UK wildlife information tool

- Provide accessible, intuitive conservation-relevant information

The NBN Atlas supports organisations working to restore and protect biodiversity

- Be a collaborative platform showcasing data partners

The NBN Atlas supports all biological recording

- Share resources and knowledge on wildlife recording

Our Strategic Pillars



The NBN Atlas is a leader in UK biodiversity data sharing

- Strengthen, modernise and adapt the platform

The NBN Atlas is the UK State of Nature data portal

- Empower local and national biodiversity reporting

The NBN Atlas is innovative and embedded in nature recovery

- Support the next wave of ecological monitoring and protection



Accelerator 2

- Implement developed and scoped upgrades from Accelerator project
- Improve data protection and user authentication
- Develop further iterations of Access Controls.

GBIF node

- Review and deploy the GBIF Integrated Publishing Toolkit (IPT) for simplified and more efficient data sharing with key providers.
- Inform the impact metrics linked to the needs of assessing UK biodiversity



iNaturalistUK



- Support biological recording through the National Education Nature Park programme
- Provide resources on recording best practice
- Continue to improve data flows to NBN Atlas

NBN Atlas Stakeholder Advisory Group

- Consult with SAG to identify priorities and share knowledge

NBN Trust Strategy

- Review implementation to coincide with a new NBN Trust Strategy in 2027.
- Respond to new opportunities!

Thank you



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