

generated January 2026

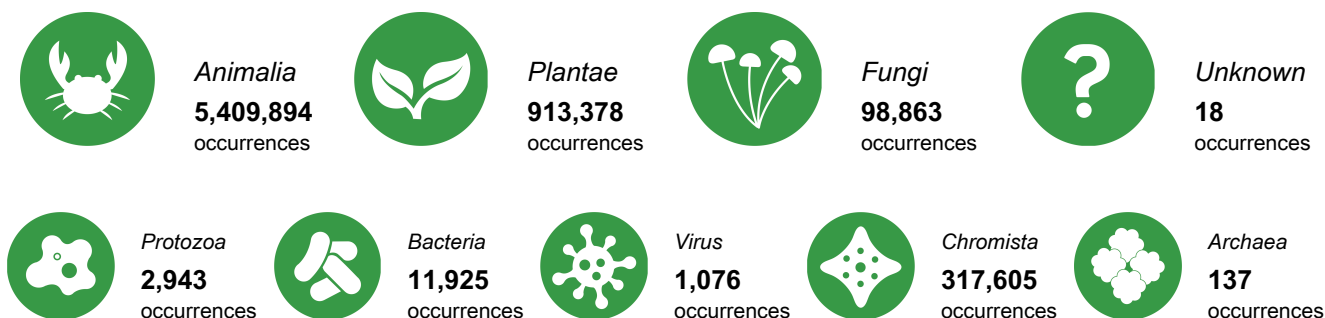
## Ireland

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Ireland. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

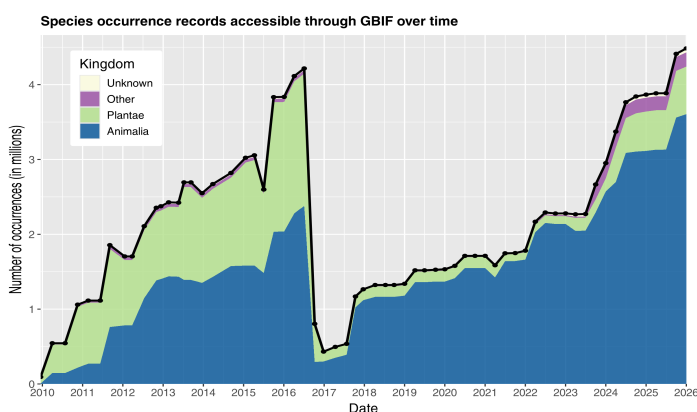
### ► Access and usage



### ► Data availability in Ireland



### ► Data mobilization

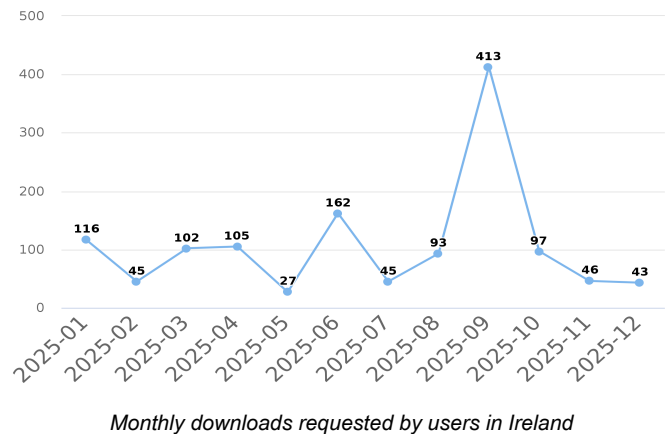
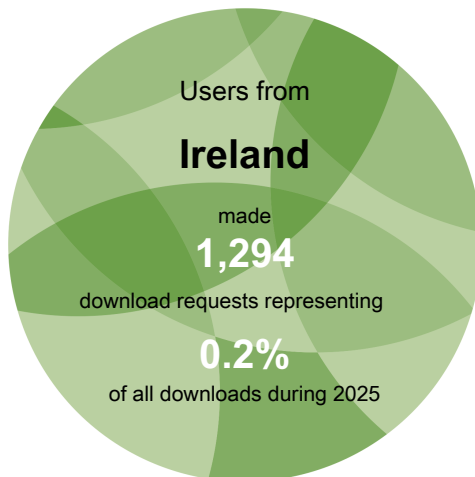


Number of records published by institutions in Ireland,  
categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Ireland



### Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Ireland

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Ireland.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to [comms@gbif.org](mailto:comms@gbif.org).

Bisang, Schnyder, Schröck *et al.* (2025) Priority ranking for the conservation of all European bryophyte species. *Biological Conservation*.  
<https://doi.org/10.1016/j.biocon.2025.111297>

Sigwart, Allcock, Arantes *et al.* (2025) The first IUCN Red List of cold-water corals highlights global declines. *Marine Biodiversity*.  
<https://doi.org/10.1007/s12526-025-01533-0>

Miles, Barber-James. (2025) Ephemeroptera research in Ireland: past, present, and future directions—filling the gaps. *Aquatic Insects*.  
<https://doi.org/10.1080/01650424.2025.2468665>

Lončarević, Liu, Stefanaki *et al.* (2024) Database of European vascular plants red lists as a contribution to more coherent plant conservation. *Scientific Data*.  
<https://doi.org/10.1038/s41597-024-03963-0>

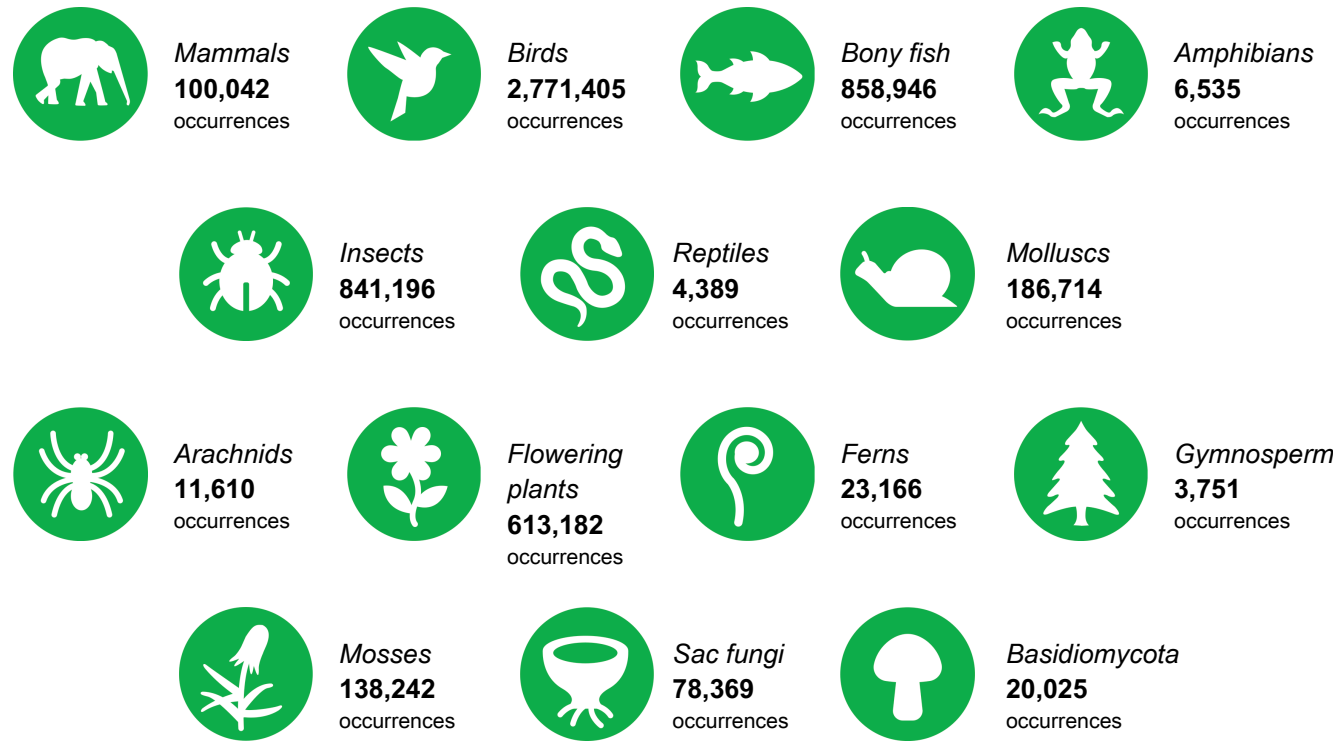
Mateus-Aguilar, Díaz-Salazar, Andrade-Rivas *et al.* (2025) Assessing Biocultural Diversity Across Scales Using Ecological Indicators. *Ecological Indicators*.  
<https://doi.org/10.1016/j.ecolind.2025.113616>

See all research from this country or area  
[gbif.org/country/IE/publications/from](https://gbif.org/country/IE/publications/from)



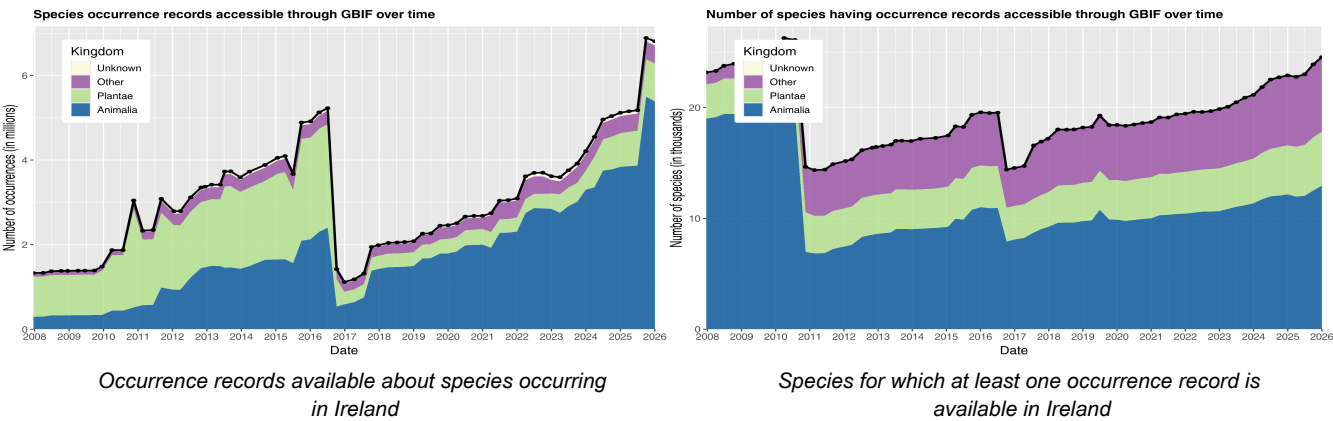
### Data availability

#### Total data available for selected taxonomic groups in Ireland



|                                                    |                                                                                                      |                                                   |                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------|
| Mammals = Class <i>Mammalia</i>                    | Insects = Class <i>Insecta</i>                                                                       | Arachnids = Class <i>Arachnida</i>                | Ferns = Phylum <i>Pteridophyta</i>             |
| Birds = Class <i>Aves</i>                          | Reptiles = Class <i>Testudines</i> ,<br><i>Sphenodontia</i> , <i>Squamata</i> &<br><i>Crocodylia</i> | Flowering plants = Phylum<br><i>Magnoliophyta</i> | Mosses = Phylum <i>Bryophyta</i>               |
| Bony fish = Superclass<br><i>Osteichthyes</i> p.p. | Molluscs = Phylum <i>Mollusca</i>                                                                    | Gymnosperms = Superclass<br><i>Gymnospermae</i>   | Sac fungi = Phylum <i>Ascomycota</i>           |
| Amphibians = Class <i>Amphibia</i>                 |                                                                                                      |                                                   | Basidiomycota = Phylum<br><i>Basidiomycota</i> |

#### Change over time in records about biodiversity in Ireland



**WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?**

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



## Most recent datasets from publishers in Ireland

Calliphoridae (Blowflies) of Ireland. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/5y74zx>

REEHAB Project - Irish Sabellaria alveolata Records. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/9gdhf2>

Heleomyzidae of Ireland. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/p44nqv>

Rhagionidae of Ireland. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/p47g4q>

Trinity College Dublin Herbarium. *Published by Trinity College Dublin herbarium*

<https://doi.org/10.15468/tbwj99>

Dungflies (Scathophagidae) of Ireland. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/v4kwyx>

Pallopteridae of Ireland. *Published by National Biodiversity Data Centre*

<https://doi.org/10.15468/24tkbz>

See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=IE](https://gbif.org/dataset/search?publishing_country=IE)

## Newest publishers from Ireland

Trinity College Dublin herbarium

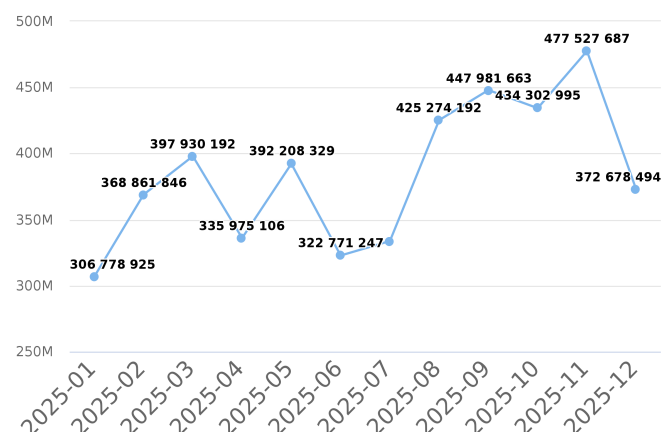
UCD School of Veterinary Medicine

Trinity College Dublin Geological Museum

National Biodiversity Data Centre

See all publishers from this country or area  
[gbif.org/publisher/search?country=IE](https://gbif.org/publisher/search?country=IE)

## Occurrence records downloaded from GBIF.org, published by institutions in Ireland

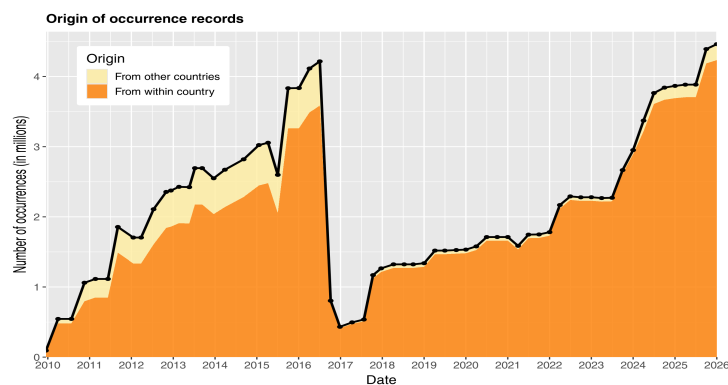


Number of occurrence records downloaded via  
GBIF.org published by institutions in Ireland

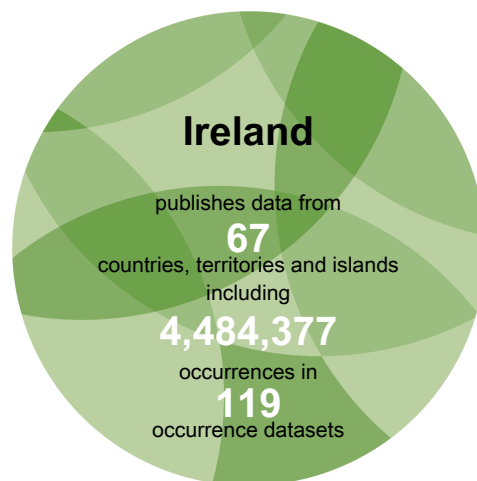


## Data mobilization

### Data sharing with country or area of origin by national institutions in Ireland



Data sharing with country or area of origin



The chart above shows the number of records shared over time by publishers within Ireland, with separate colours for records about species occurring within undefined and those occurring elsewhere.

### Top data contributors about biodiversity in Ireland

| Rank | Country or area                               | No. of occurrences |
|------|-----------------------------------------------|--------------------|
| 1    | Ireland                                       | 4,234,023          |
| 2    | Denmark                                       | 993,337            |
| 3    | United Kingdom                                | 822,305            |
| 4    | United States of America                      | 293,412            |
| 5    | Belgium                                       | 245,055            |
| 6    | Netherlands                                   | 89,316             |
| 7    | France                                        | 49,193             |
| 8    | Germany                                       | 46,728             |
| 9    | International organization or unknown country | 6,721              |
| 10   | Sweden                                        | 6,219              |

Table 1. Ranking of countries or areas contributing data about Ireland

### Top datasets contributing data about Ireland

- EOD – eBird Observation Dataset. 1,808,540 occurrences in Ireland. (Last updated 29 Oct 2025)
- ICES DATRAS Surveys. 990,726 occurrences in Ireland. (Last updated 14 Nov 2025)
- Bird Atlas 2007 - 2011. 455,957 occurrences in Ireland. (Last updated 13 Oct 2025)
- Vascular plants: Online Atlas of Vascular Plants 2012 Onwards. 315,201 occurrences in Ireland. (Last updated 13 Oct 2025)
- The CPR Survey. 281,147 occurrences in Ireland. (Last updated 23 Feb 2022)

See all contributing countries and areas or datasets: [gbif.org/country/IE/about](https://gbif.org/country/IE/about)



## Ireland participates in the following projects coordinated by GBIF

### European Bireme: EU Nodes in biodiversity reporting mechanisms

*Capacity Enhancement Support Programme, 2017–2018*

By detailing national reporting processes and data flows in several European Union member states, this project explored how changes to GBIF tools and procedures could streamline and improve biodiversity reporting across the region.

<https://www.gbif.org/project/83336>

See all GBIF projects

[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)