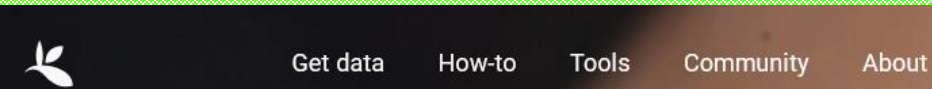
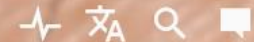


GBIF Introduction

[Get data](#)[How-to](#)[Tools](#)[Community](#)[About](#)[Login](#)

GBIF | Global Biodiversity Information Facility

Free and open access to biodiversity data

[OCCURRENCES](#)[SPECIES](#)[DATASETS](#)[PUBLISHERS](#)[RESOURCES](#)[What is GBIF?](#)[About GBIF Kenya](#)

What is GBIF?

GBIF—the Global Biodiversity Information Facility—is an international network and data infrastructure funded by the world's governments and aimed at providing anyone, anywhere, open access to data about all types of life on Earth.

GBIF Mission

To mobilize the data, skills and technologies needed to make comprehensive biodiversity information freely available for science and decisions addressing biodiversity loss and sustainable development.

GBIF Background and History

- GBIF started in 2001
- Recommended by OECD member states as global infrastructure
- Started by datasets with occurrence data
- *Occurrence* means the evidence of the occurrence of a species (or other taxon) at a particular place on a specified date.
- Occurrence datasets make up the core of data published through GBIF.org
- (now 3 other classes of datasets provided)

BY The Numbers | 30 Sept 2022



<https://www.gbif.org/document/81771/gbif-overview-powerpoint-slides>

SPECIES OCCURRENCE RECORDS WITH MULTIMEDIA EVIDENCE

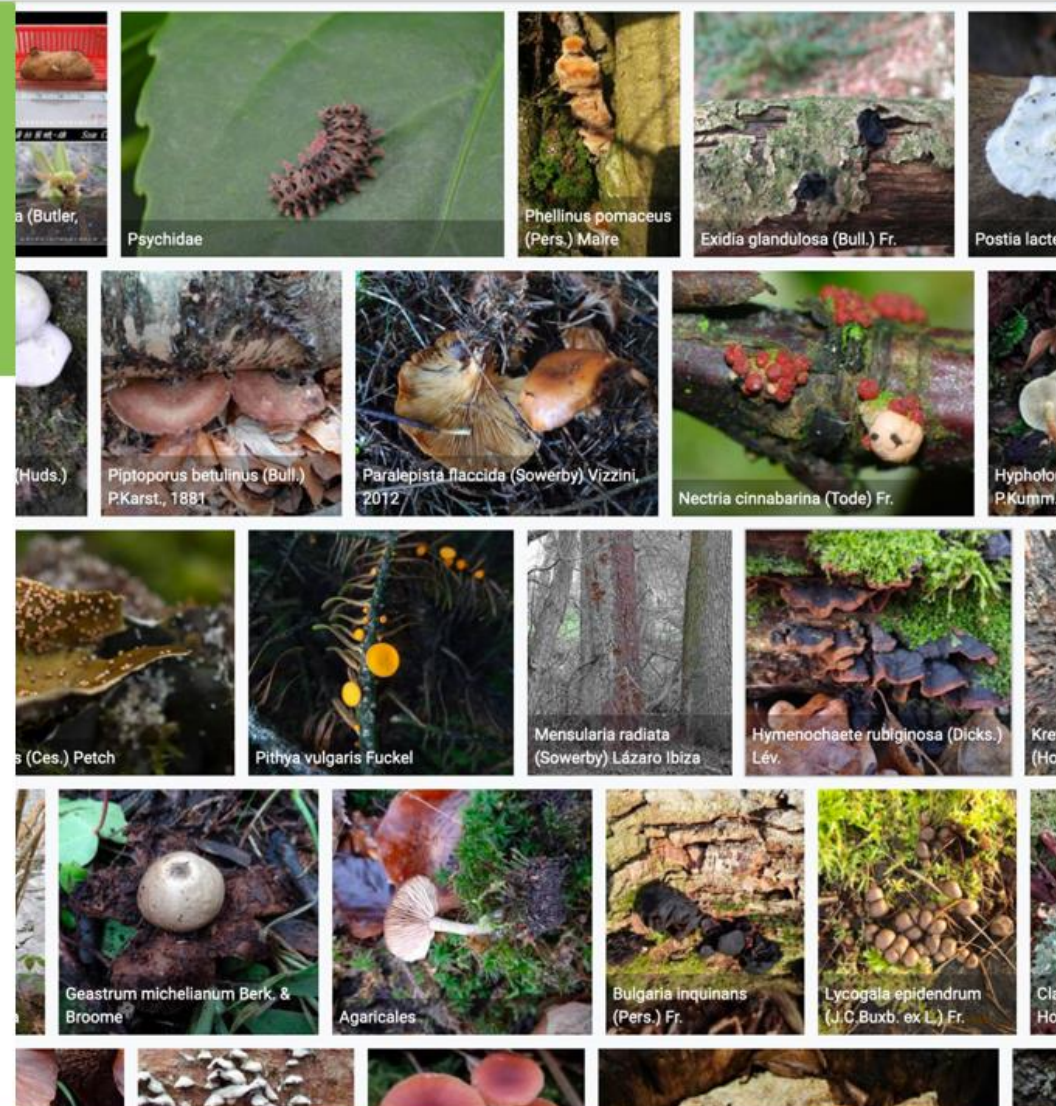
30 Sept 2022

122 million records with taxonomically identified images

- 70 million human observations
- 48.3 million specimens
- 2.3 million material samples
- 1.4 million fossil specimens

961,740 audio files

3,599 videos



<https://www.gbif.org/occurrence/gallery>



<https://www.gbif.org/document/81771/gbif-overview-powerpoint-slides>

GBIF Backbone Taxonomy

DATASET TAXONOMY CONSTITUENTS METRICS [DOWNLOAD](#) [HOME PAGE](#)

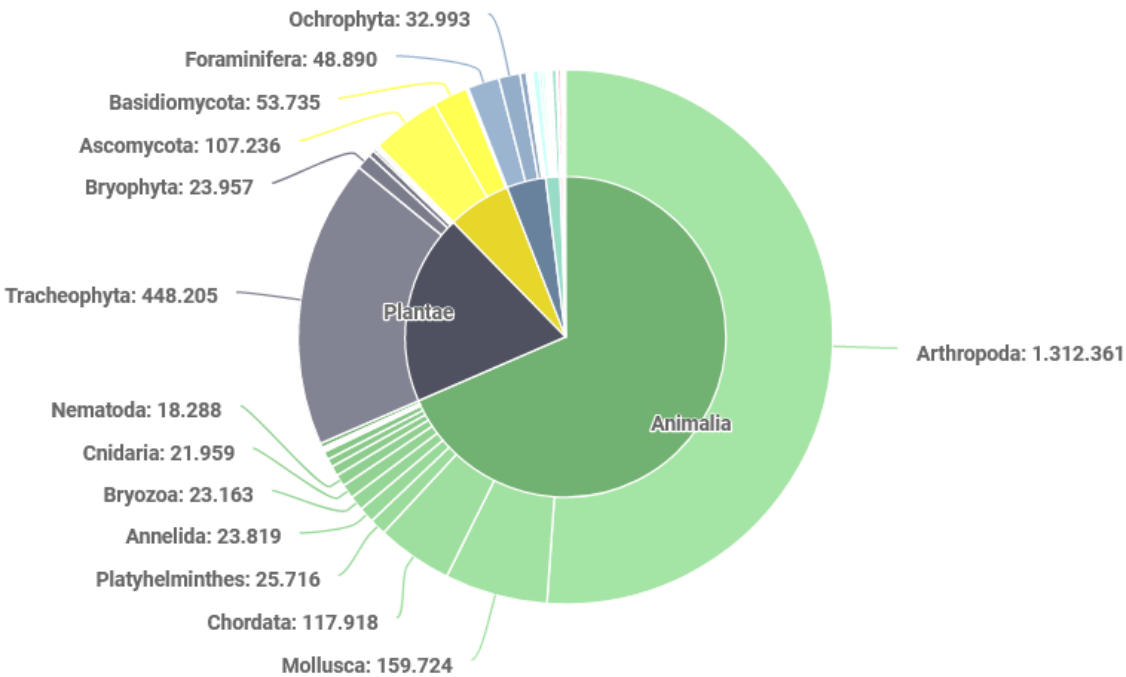
6,783,300 RECORDS 78 CITATIONS

3,733,556
Accepted names

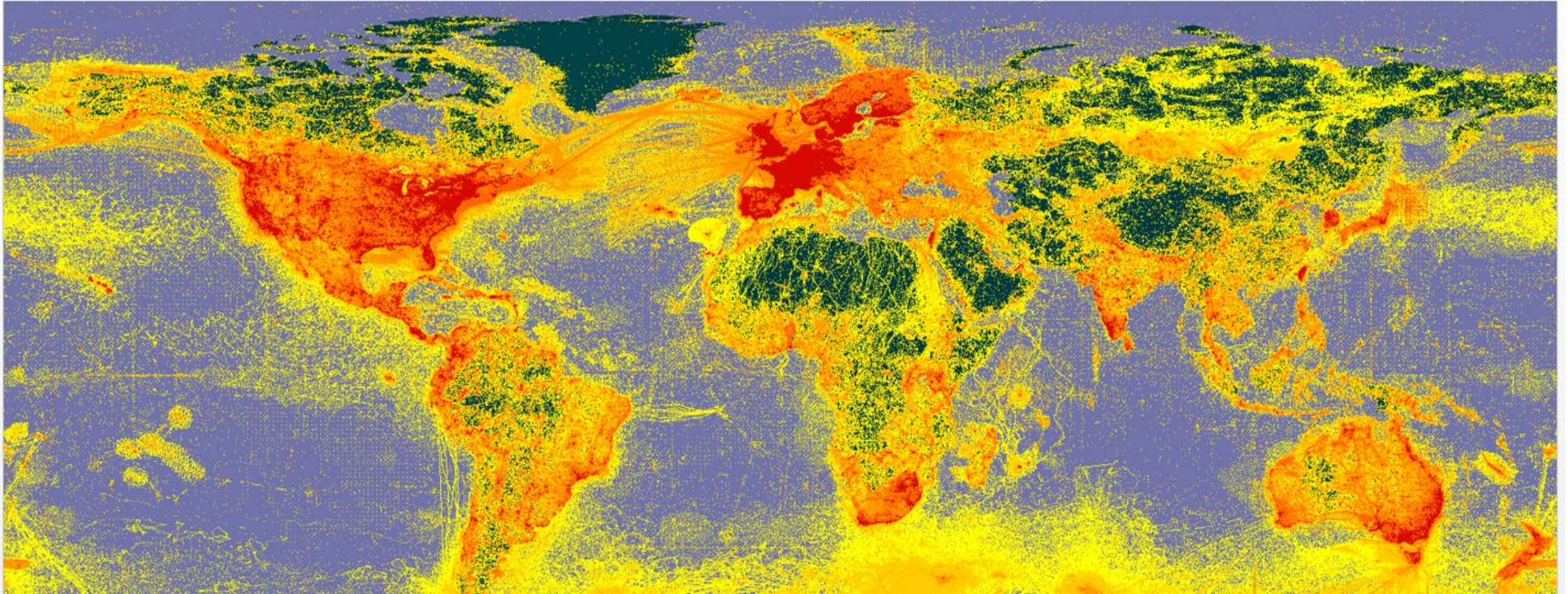
2,814,370
Synonyms

42%
Overlap with Catalogue of Life

NUMBER OF ACCEPTED SPECIES BY HIGHER TAXON

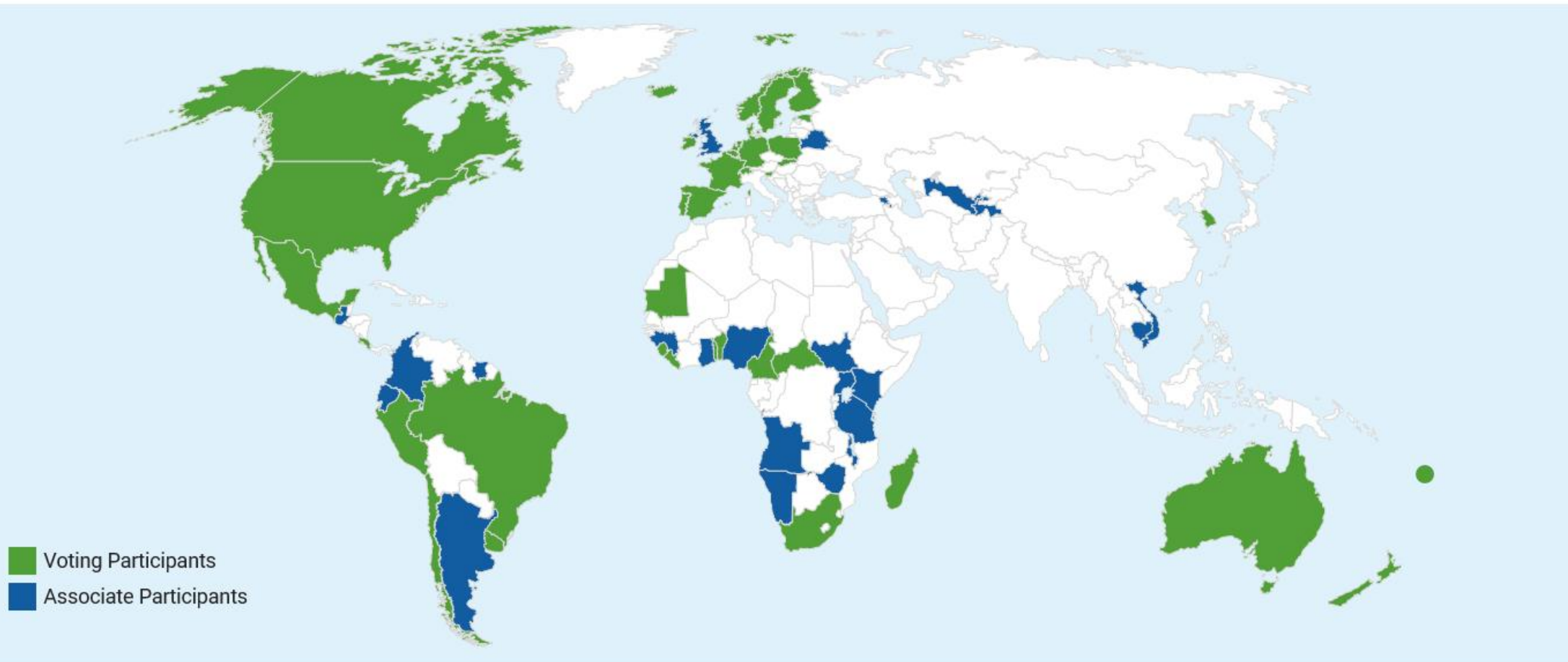


Data from the GBIF Network 30 Sept 2022



<https://www.gbif.org/document/81771/gbif-overview-powerpoint-slides>

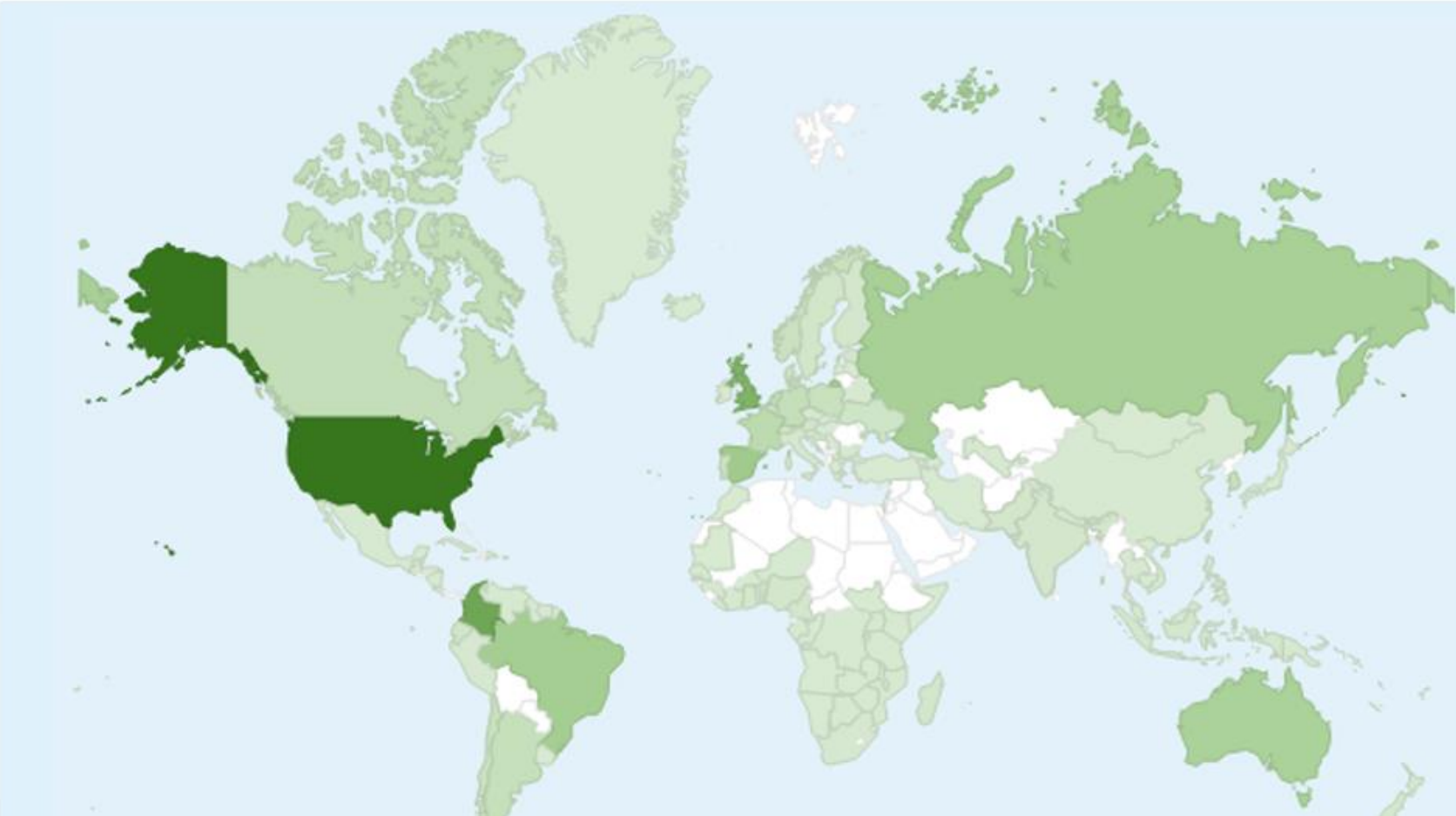
GBIF PARTICIPANT COUNTRIES 30 Sept 2022



<https://www.gbif.org/the-gbif-network>



GBIF NETWORK of DATA PUBLISHING INSTITUTIONS 30 Sept 2022



132 countries/territories
with institutions
sharing data
through GBIF

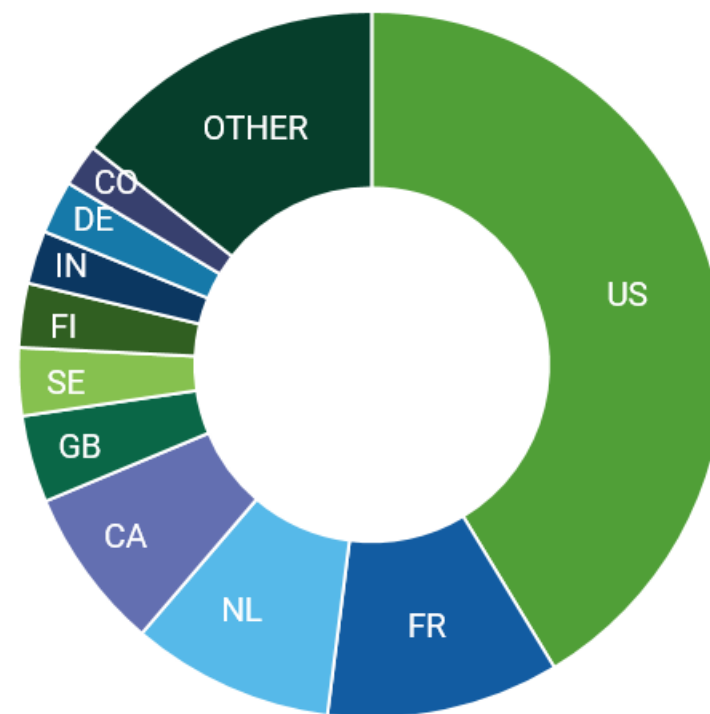
Top 10 countries: number of data publishers		
1	United States	272
2	Colombia	189
3	United Kingdom	164
4	Spain	112
5	Brazil	102
6	Russian Federation	95
7	Australia	88
8	France	56
9	Canada	44

<https://www.gbif.org/document/81771/gbif-overview-powerpoint-slides>

OCCURRENCES PUBLISHED BY COUNTRY 30 Sept 2022

		2022	2021 total	2021 rank
1	United States	123,154,840	145,520,357	1
2	France	31,729,895	1,229,583	24
3	Netherlands	27,587,578	2,609,622	17
4	Canada	22,117,428	24,595,830	2
5	United Kingdom	11,875,491	24,285,291	3
6	Sweden	9,229,220	5,466,063	7
7	Finland	8,733,894	499,507	37
8	India	7,265,880	5,857,419	5
9	Germany	7,247,528	4,523,322	8
10	Colombia	5,745,180	5,466,063	7
OTHER COUNTRIES + AREAS		76,750,400	54,341,744	
TOTAL		325,692,154	252,569,971	

Occurrences published in 2022



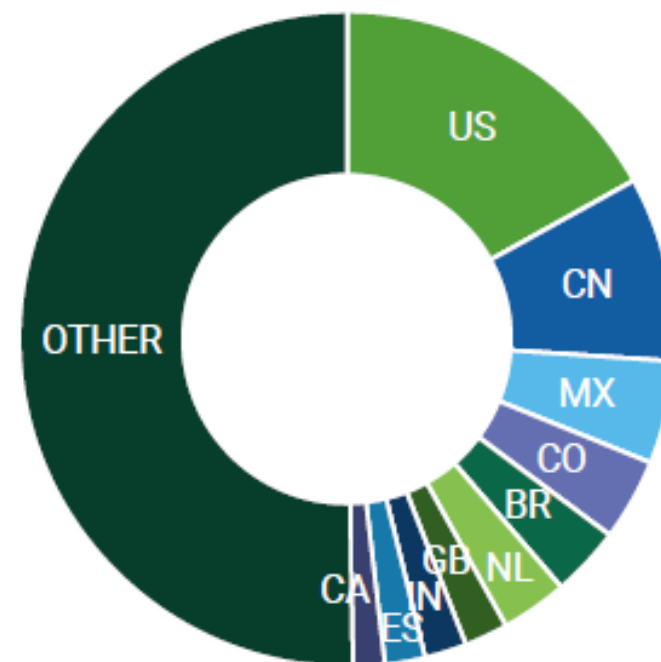
<https://www.gbif.org/occurrence/search>



DATA DOWNLOAD REQUESTS 30 Sept 2022

		2022	2021 total	2021 rank
1	United States	55,713	36,467	2
2	China	29,940	42,639	1
3	Mexico	16,684	21,725	3
4	Colombia	13,282	16,414	4
5	Brazil	11,362	16,344	5
6	Netherlands	10,800	5,808	8
7	United Kingdom	7,070	11,605	6
8	India	6,819		
9	Spain	6,526	9,777	7
10	Canada	5,125	5,187	10
OTHER COUNTRIES + AREAS		165,203	81,673	
TOTAL		328,534	253,140	

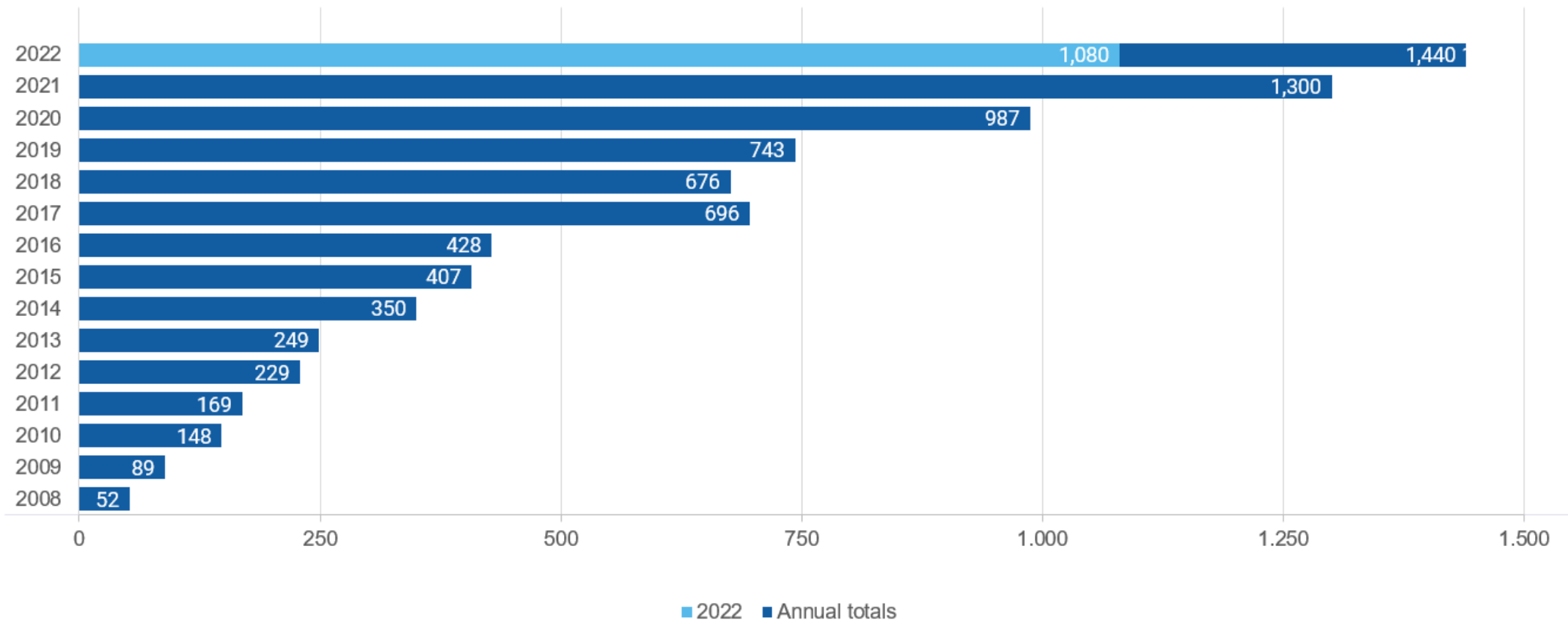
Download requests
by country, island or territory



151

countries, islands &
territories where
users have requested
downloads (+5)

PEER-REVIEWED PUBLICATIONS USING GBIF-MEDIATED DATA 30 Sept 2022



https://www.gbif.org/resource/search?contentType=literature&literatureType=journal&relevance=GBIF_USED&peerReview=true

GBIF national nodes and data publisher

- National participants, that means countries, are establishing so-called nodes which are coordinating national tasks

→ e.g. endorse data publishers

- GBIF **Node** Kenya, activities (10 min)
- GBIF **Node** Germany, activities (10 min)