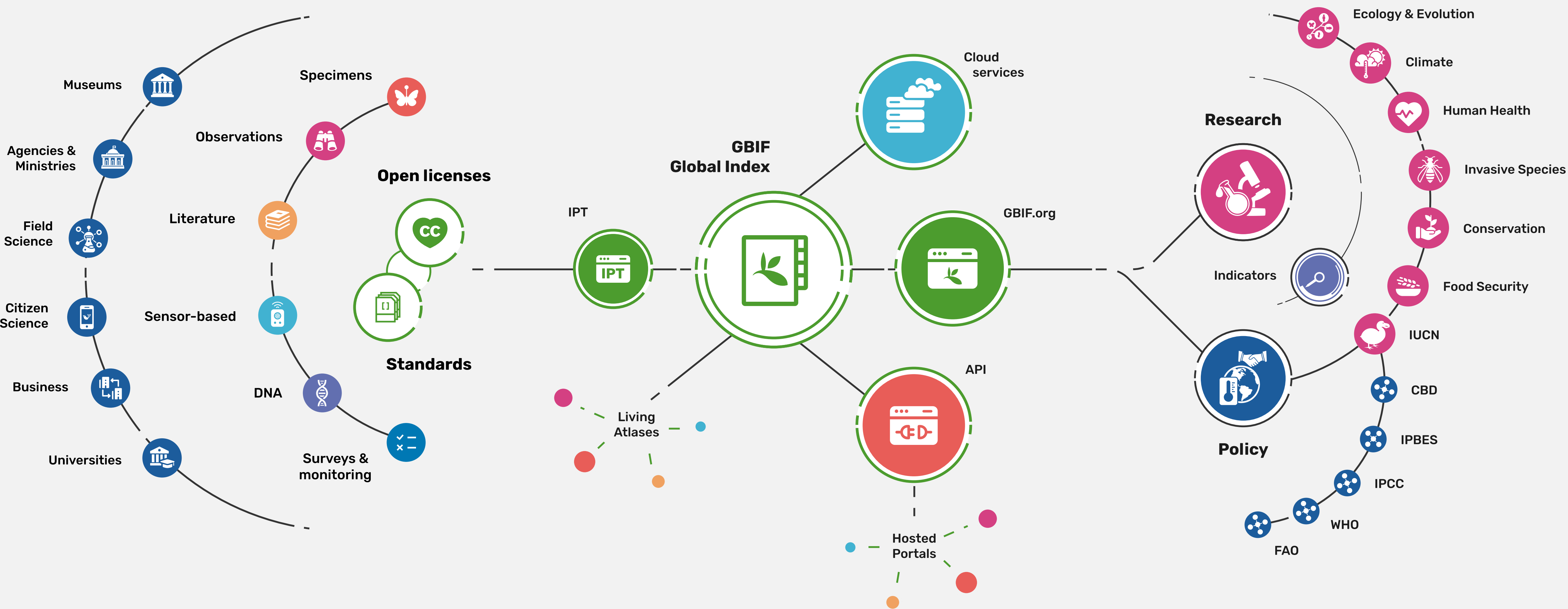


Overview slides

1 October 2024



Providing biodiversity evidence for research and policy



Datasets ●
108,760

● Hosted portals
23

Country
Participants ●
63

● Peer-review papers
using data
11,103

Organizational
Participants ●
43

● Average records
downloaded per month (2024)
192.6 billion

Publishers ●
2,287

Species
● occurrence records
3,012,759,238



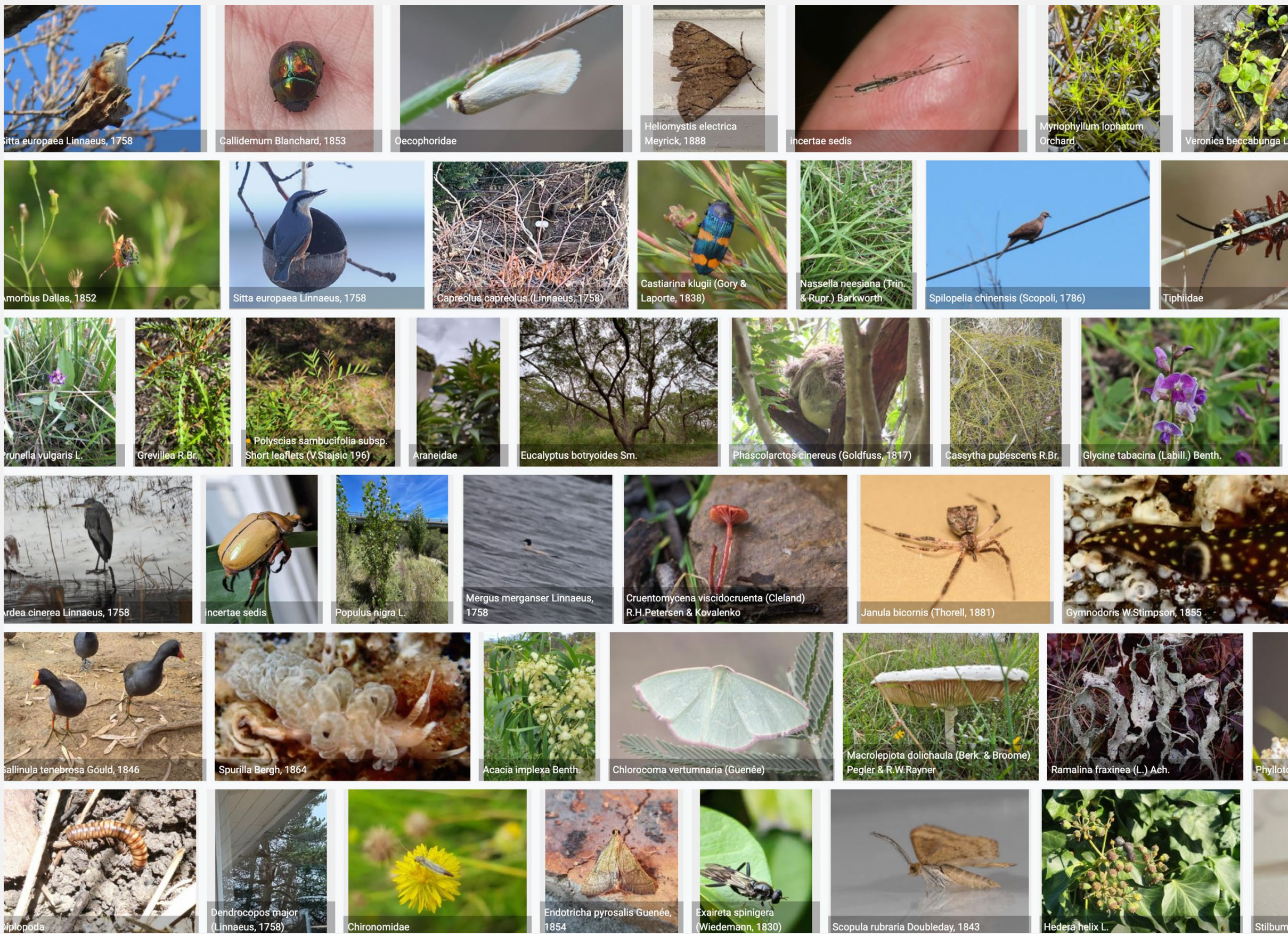
Species occurrence records with multimedia evidence

205.6 million records with taxonomically identified images

- 133.3 million human observations
- 62.7 million specimens
- 7.1 million material samples
- 1.4 million fossil specimens

1,492,763 audio files

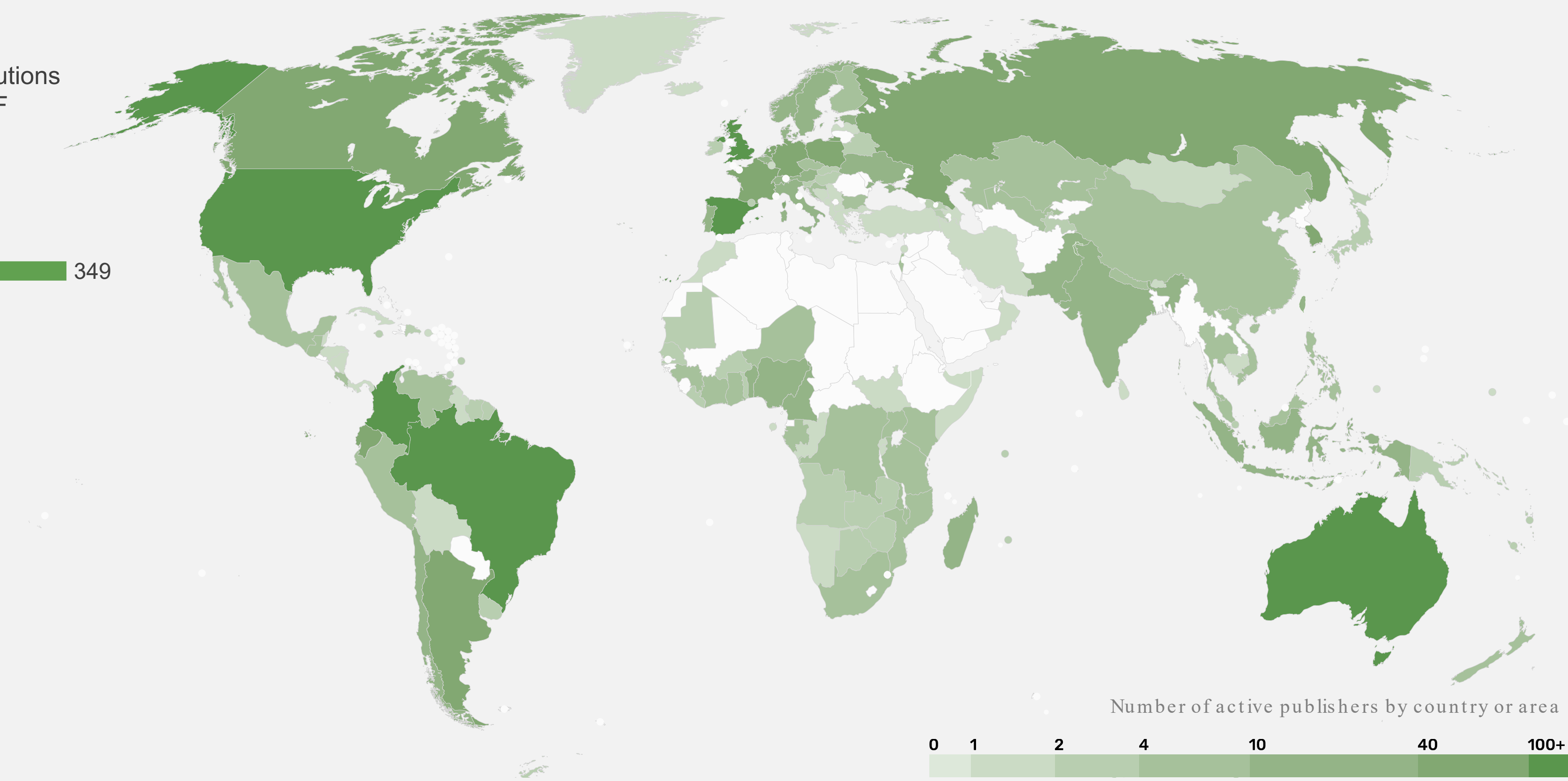
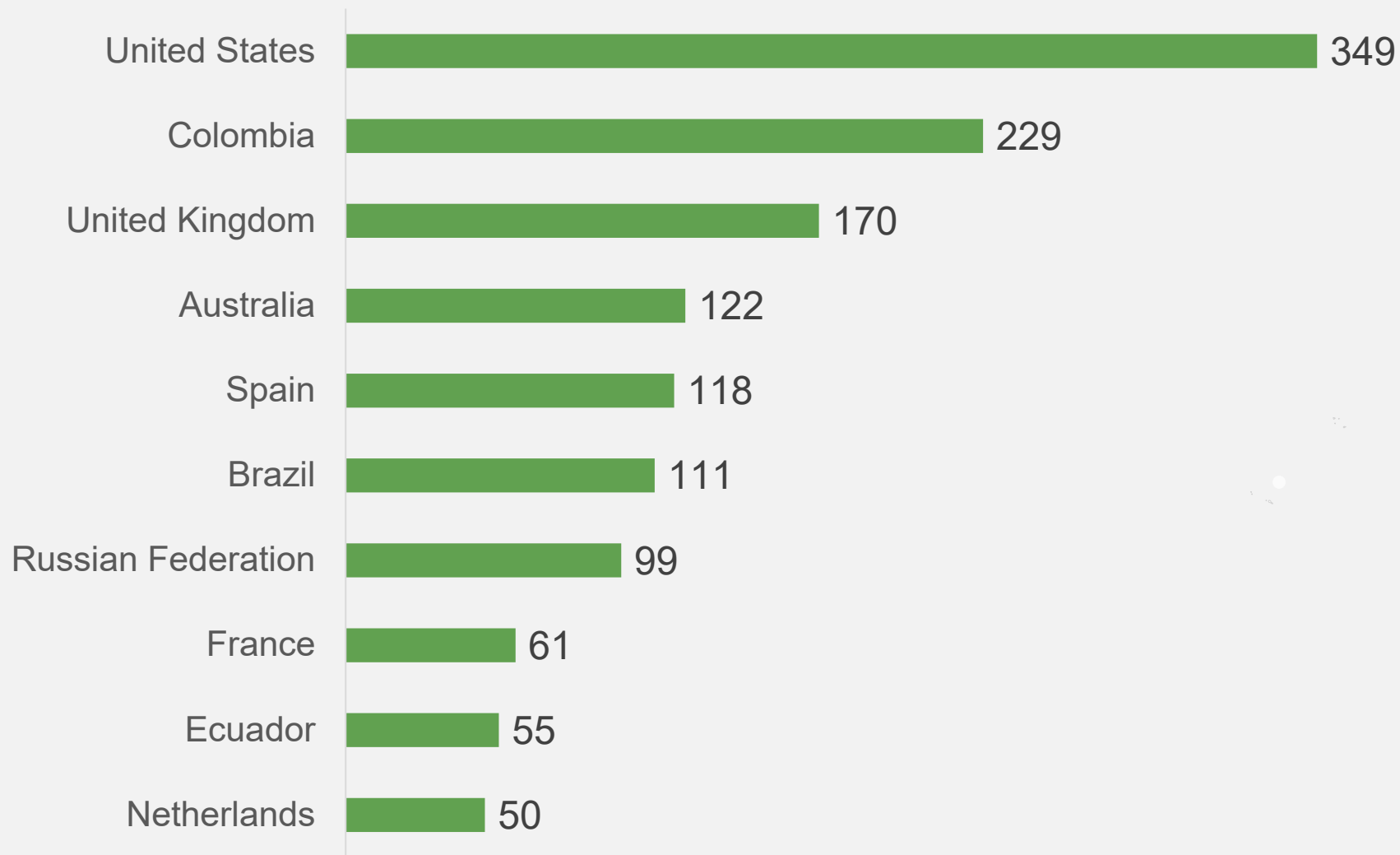
10,780 videos



GBIF network of data publishing institutions

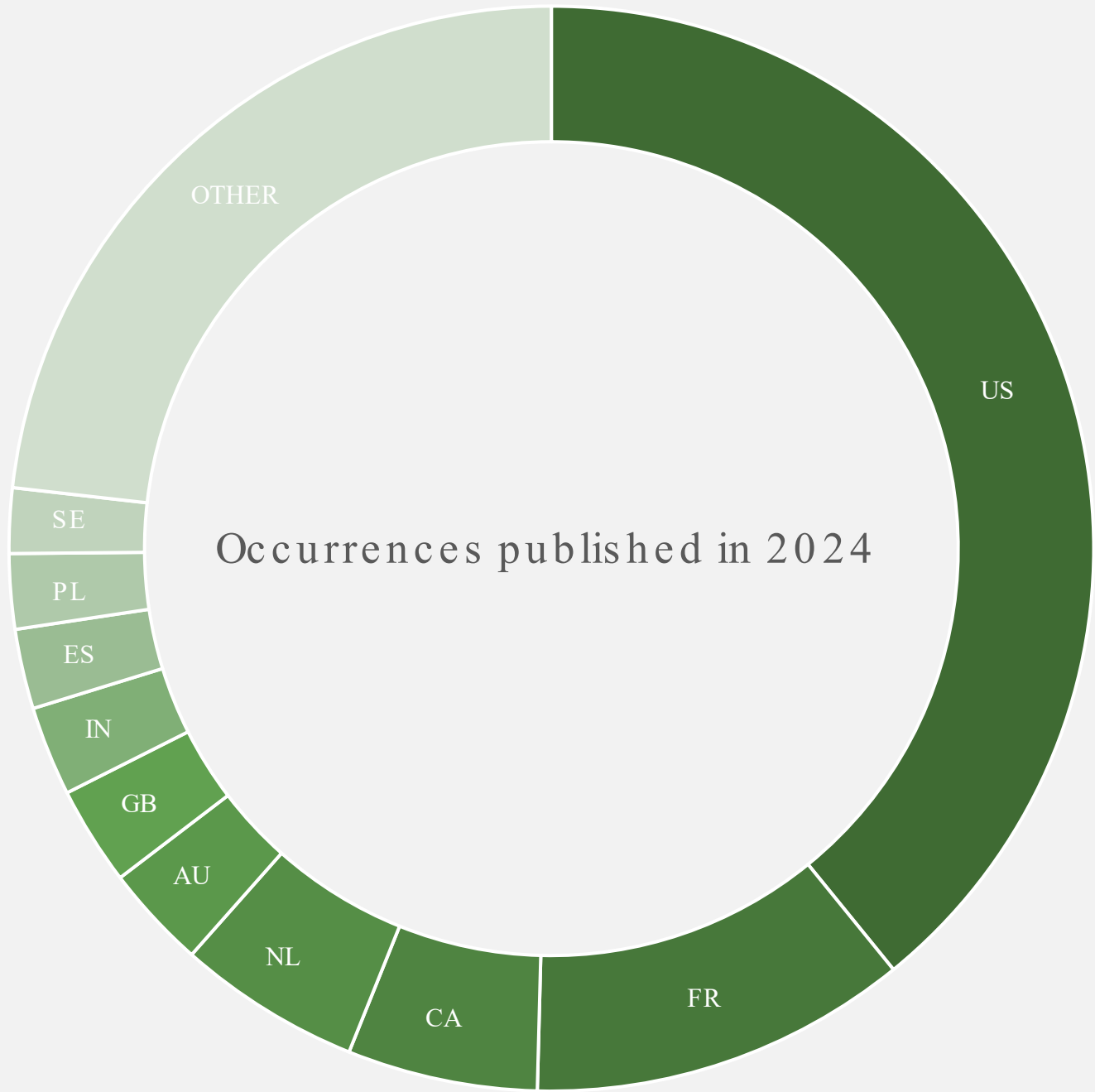
144

countries/areas with institutions sharing data through GBIF



Occurrences published by country: 2024

Rank	Country/Territory	2024	2023 total	2023 rank
1	United States	151,836,151	151,004,708	1
2	France	43,756,280	13,208,845	5
3	Canada	22,001,851	22,744,659	3
4	Netherlands	21,169,219	14,293,849	4
5	Australia	11,973,542	12,714,959	6
6	United Kingdom	11,416,336	36,220,446	2
7	India	10,361,436	8,542,437	9
8	Spain	9,232,556	7,633,366	8
9	Poland	8,675,622	2,600,757	22
10	Sweden	7,527,698	9,339,841	7
OTHER COUNTRIES + AREAS		90,023,780	81,266,325	
TOTAL		387,974,471	355,993,458	

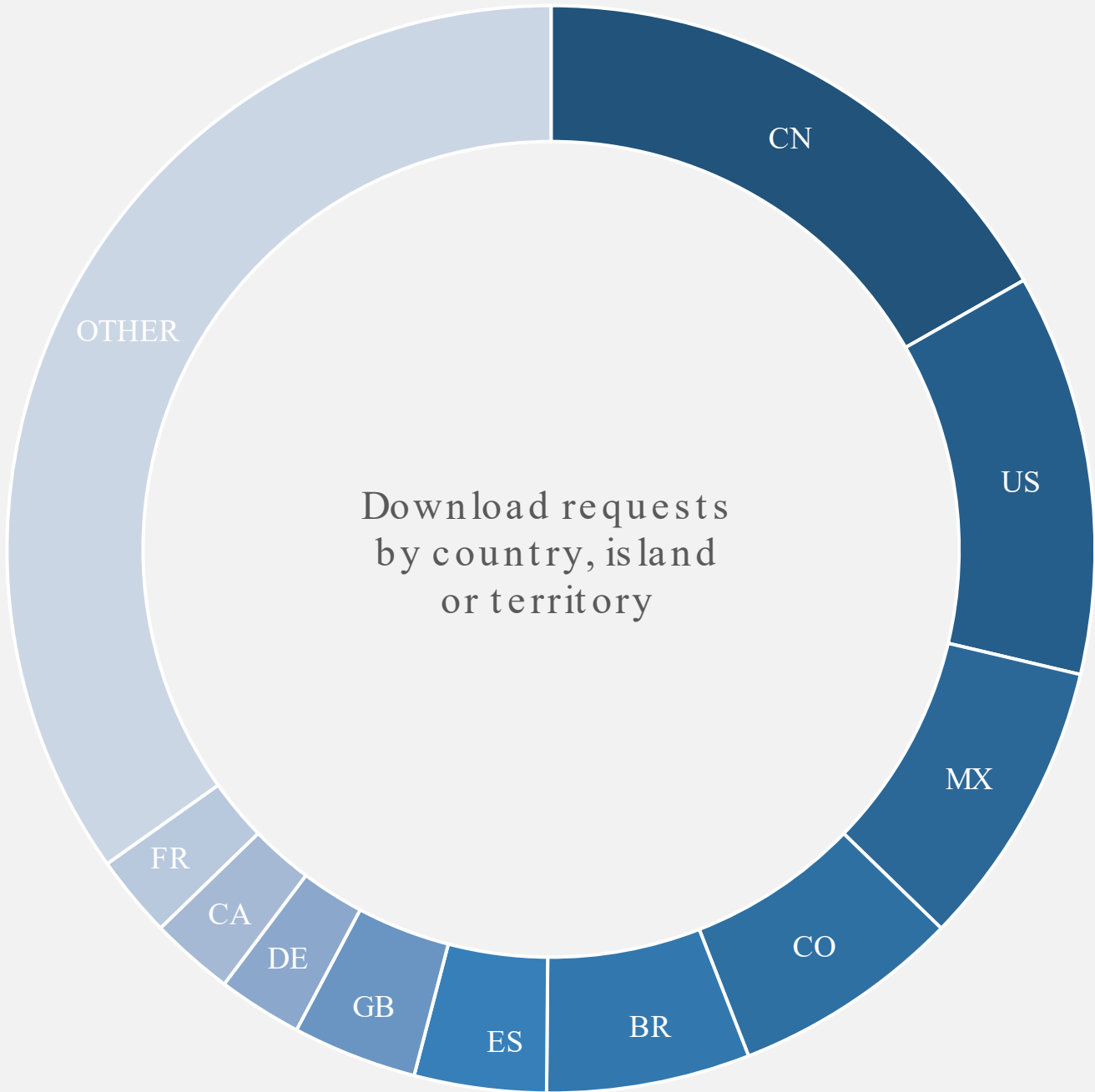


Data download requests by country: 2024

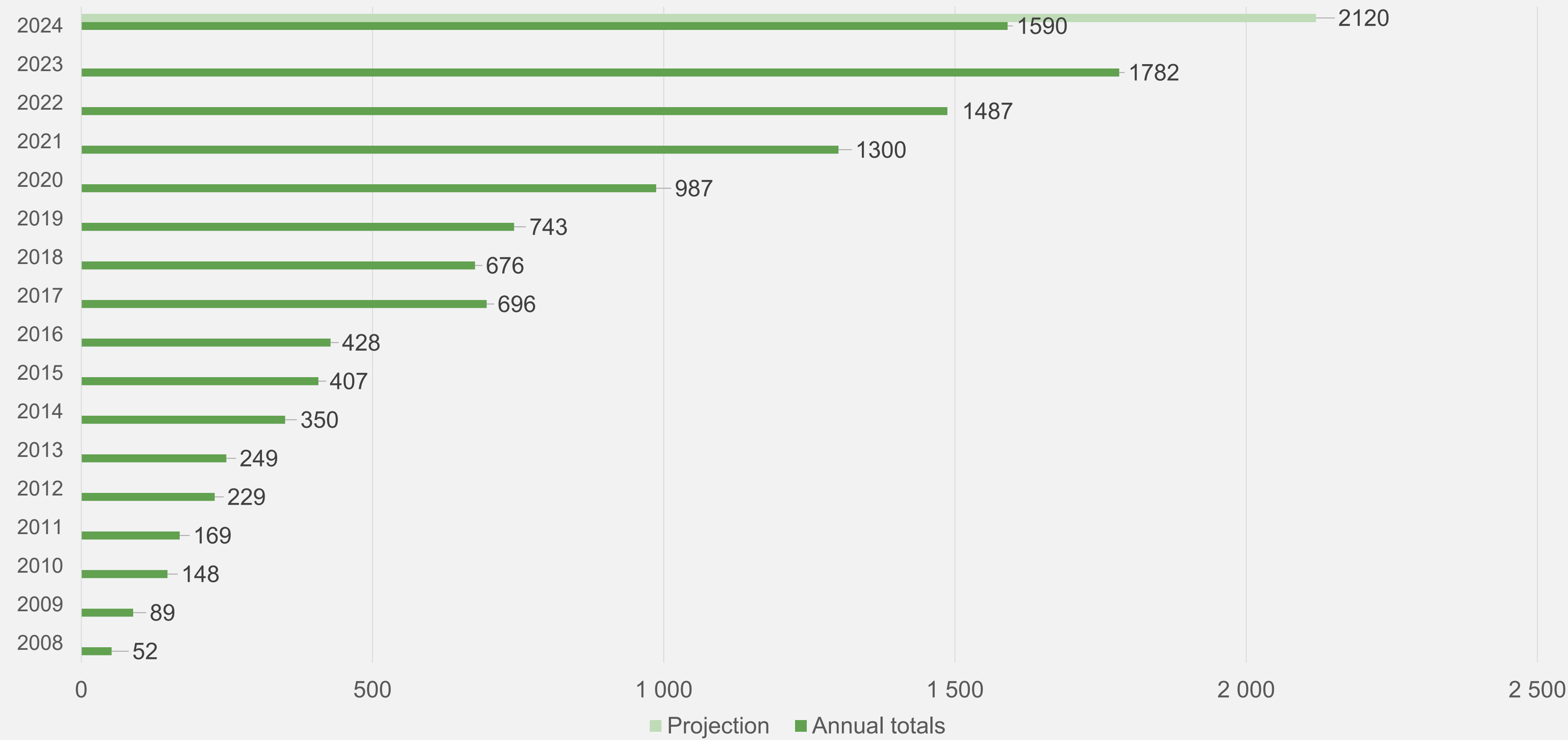
Rank	Country	2024	2023 total	2023 rank
1	China	39,651	39,253	1
2	United States	28,249	34,275	2
3	Mexico	20,284	26,051	3
4	Colombia	16,122	19,341	4
5	Brazil	14,305	18,370	5
6	Spain	9,275	13,492	6
7	United Kingdom	8,749	10,044	7
8	Germany	5,933	5,788	10
9	Canada	5,880	6,649	9
10	France	5,787	7,248	8
OTHER COUNTRIES + AREAS		82,368	87,262	
TOTAL		236,603	267,773	

151

countries, islands & territories where users have ≥10 requested downloads



Peer-reviewed publications using GBIF -mediated data

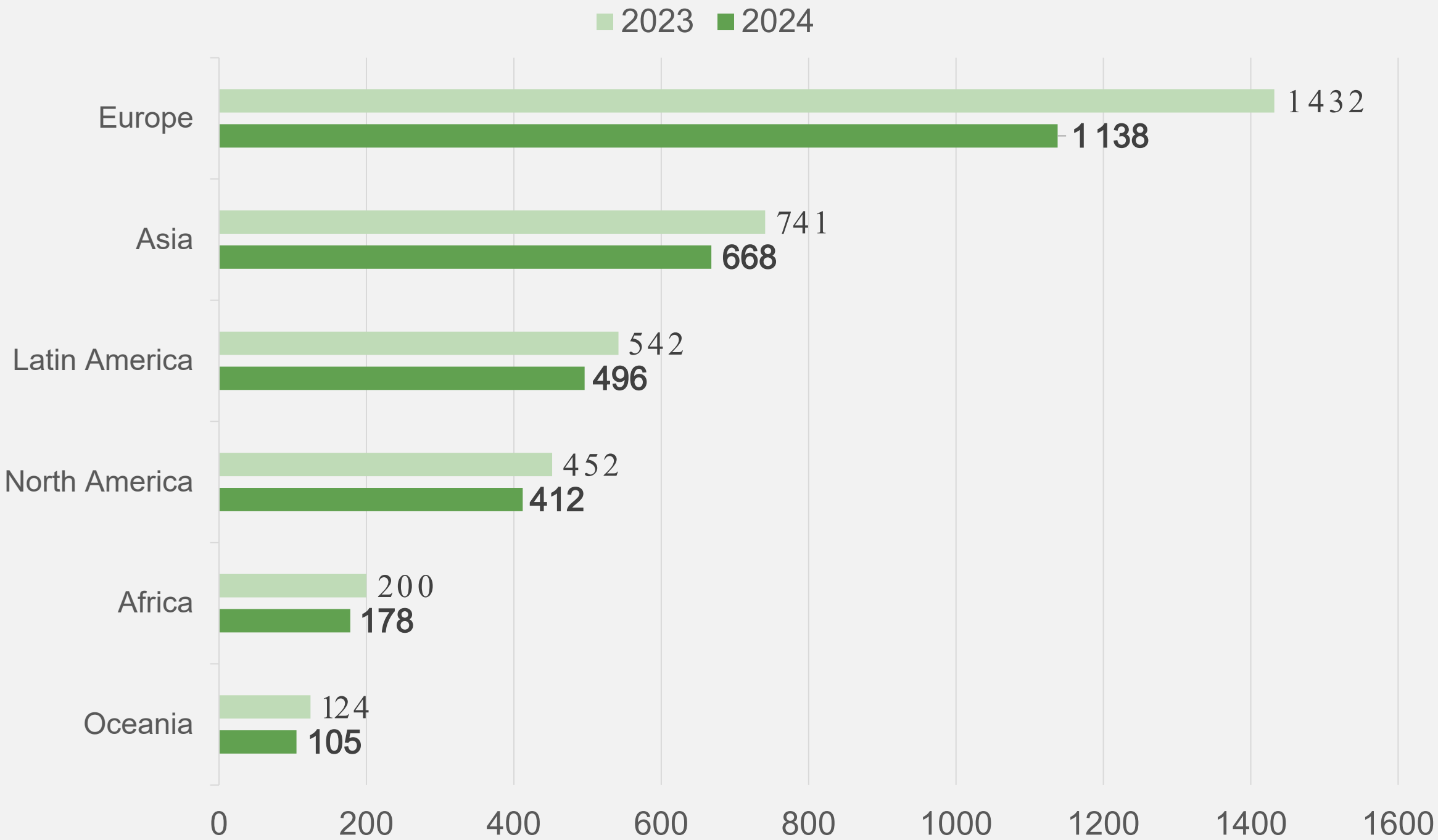


Data use in peer-reviewed journals: 2024

Peer-reviewed uses by country

End of Year		2024 total	2023 total	2023 rank
1	China	390	381	2
2	United States	341	387	1
3	Brazil	159	191	3
4	Mexico	137	129	7
5	Germany	129	163	5
6	United Kingdom	127	182	4
7	Spain	124	130	6
8	Australia	84	94	9
9	France	79	108	8
10	Italy	78	79	10

Peer-reviewed uses by region



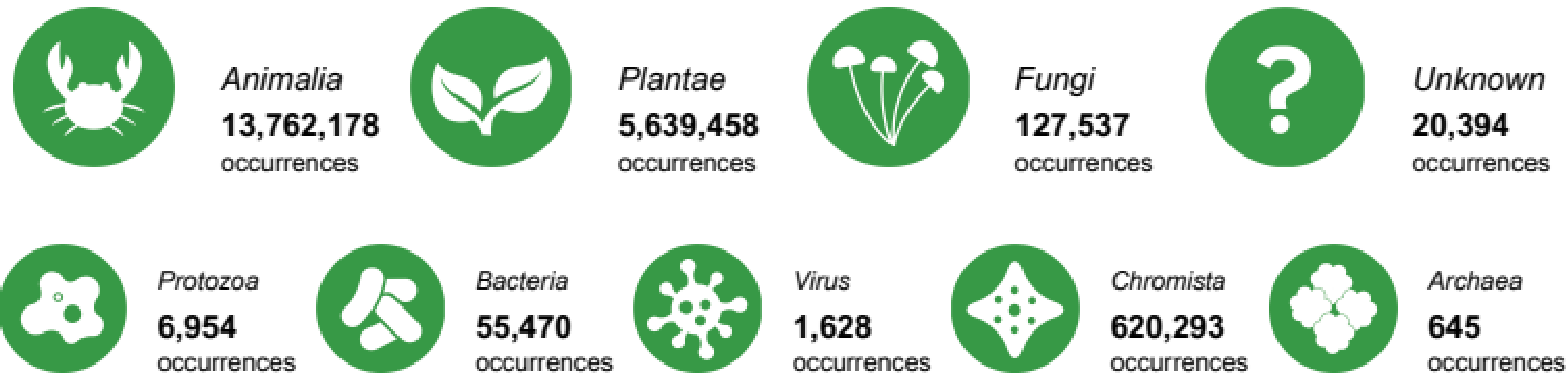


Hosted portals

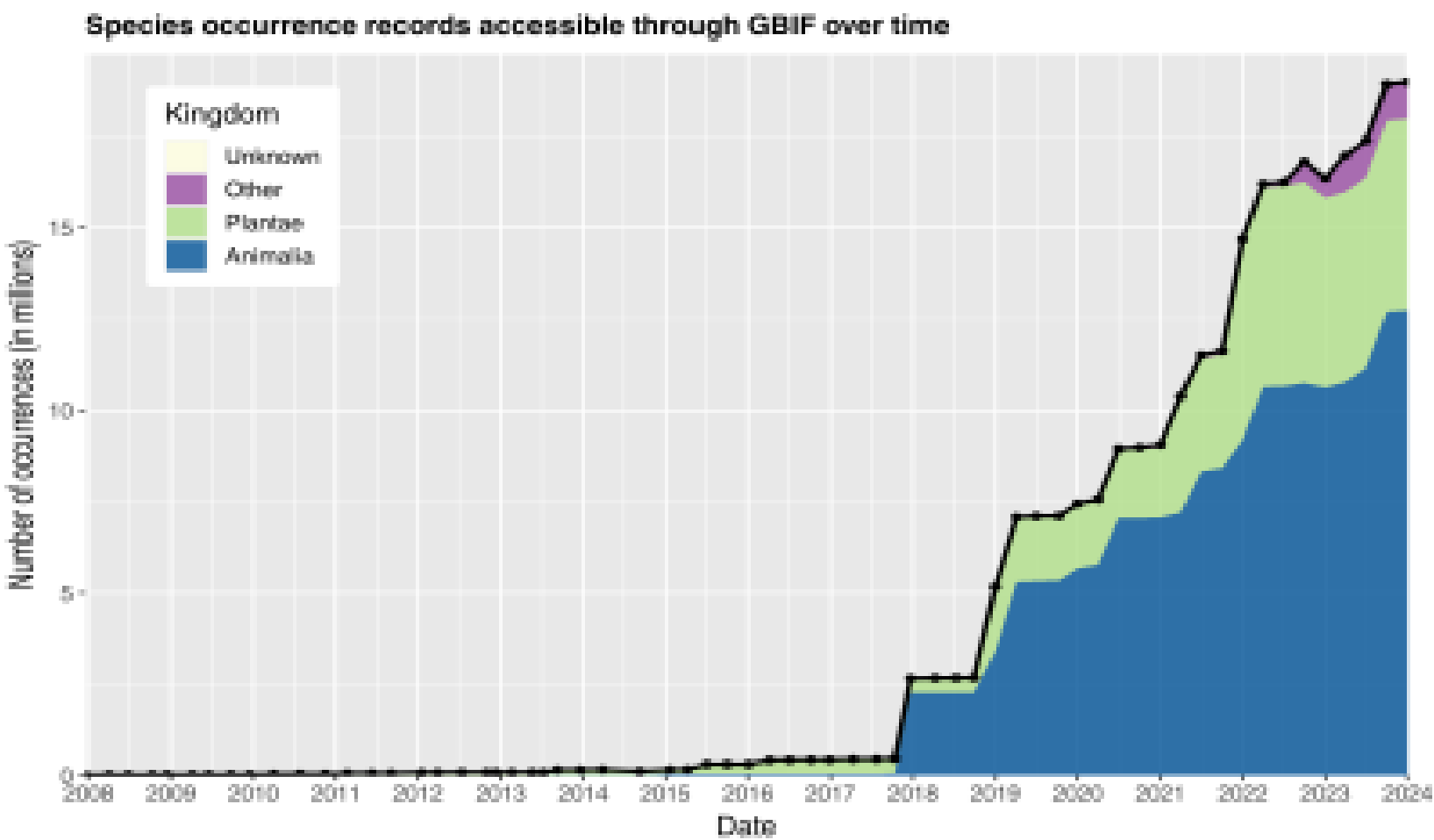


Nó Português do GBIF

► Data availability in Portugal



► Data mobilization



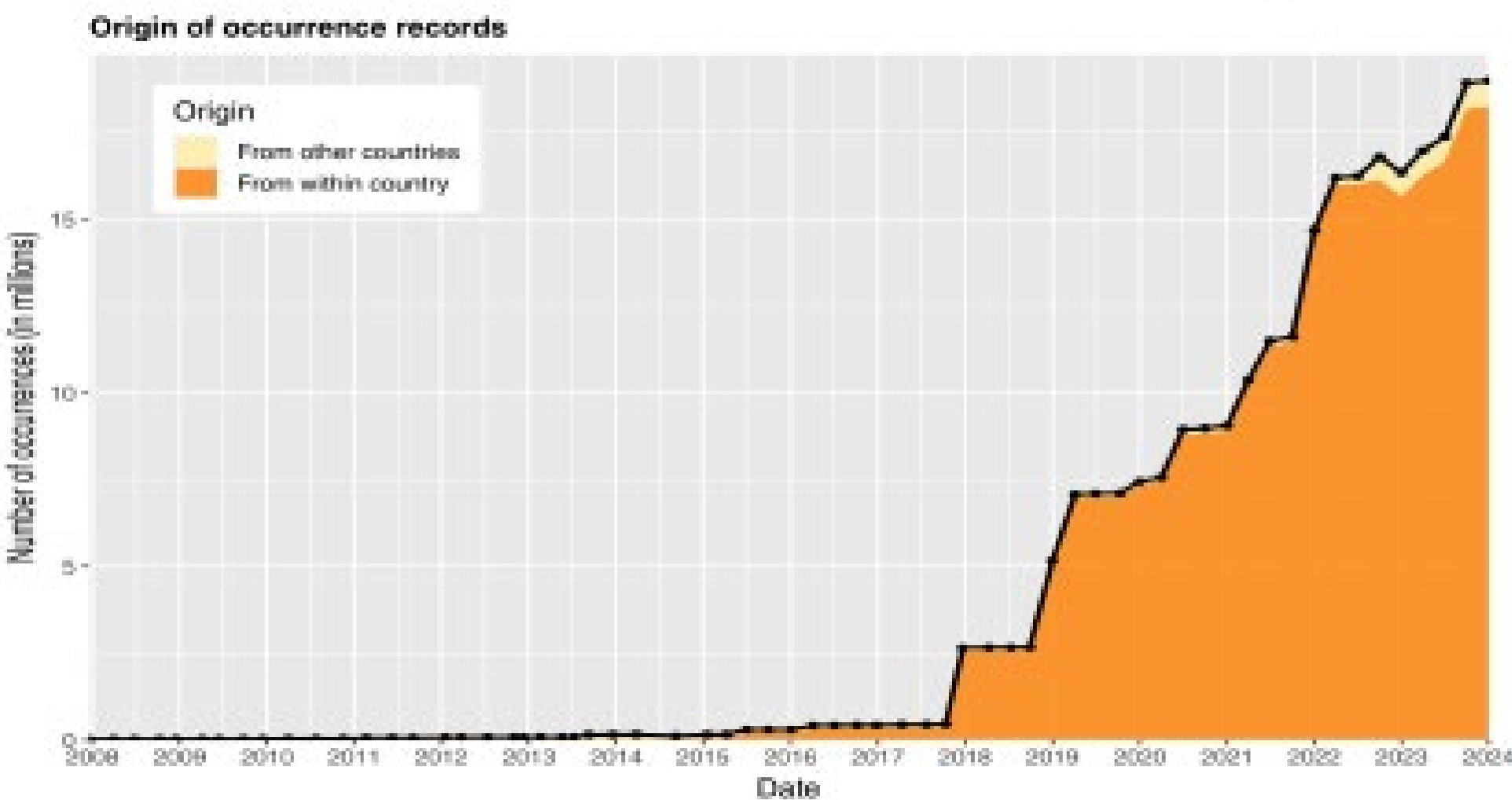
Number of records published by institutions in Portugal, categorized by kingdom



Nó Português do GBIF

Data mobilization

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



Data sharing with country or area of origin



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



Nó Português do GBIF

Top data contributors about biodiversity in Portugal

Rank	Country or area	No. of occurrences
1	Portugal	18,248,816
2	Netherlands	480,143
3	United States of America	400,688
4	Belgium	309,871
5	United Kingdom	167,317
6	Spain	166,904
7	Germany	158,338
8	France	107,369
9	International organization or unknown country	37,224
10	Estonia	31,712

Top datasets contributing data about Portugal

EOD – eBird Observation Dataset. *8,804,964 occurrences in Portugal.* (Last updated 20 Aug 2023)

Azorean Biodiversity Portal. *1,652,342 occurrences in Portugal.* (Last updated 22 Mar 2023)

iNaturalist Research-grade Observations. *622,716 occurrences in Portugal.* (Last updated 2 Jan 2024)

Forestry Inventory 2015. *579,422 occurrences in Portugal.* (Last updated 12 Nov 2021)

Forestry Inventory 2010. *575,481 occurrences in Portugal.* (Last updated 12 Nov 2021)

