

Overview slides

October 2023



Datasets ●
90,213

● Hosted portals
15

Country
Participants ●
64

● Peer-review papers
using data
9,356

Organizational
Participants ●
43

● Average records
downloaded per month (2023)
161.8 billion

Publishers ●
2,129

● Species
occurrence records
2,580,453,216



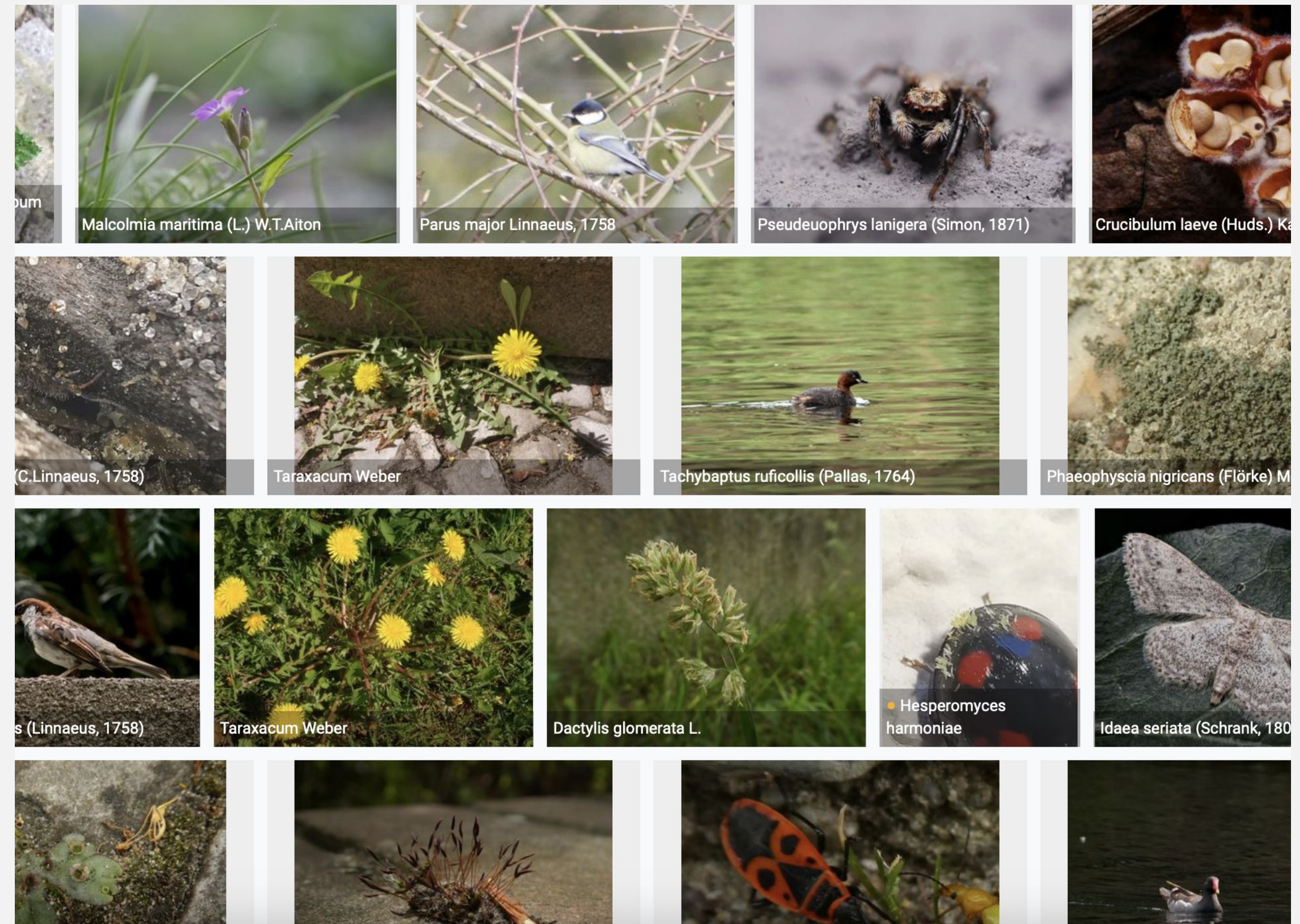
Species occurrence records with multimedia evidence: 2023

146.1 million records with taxonomically identified images

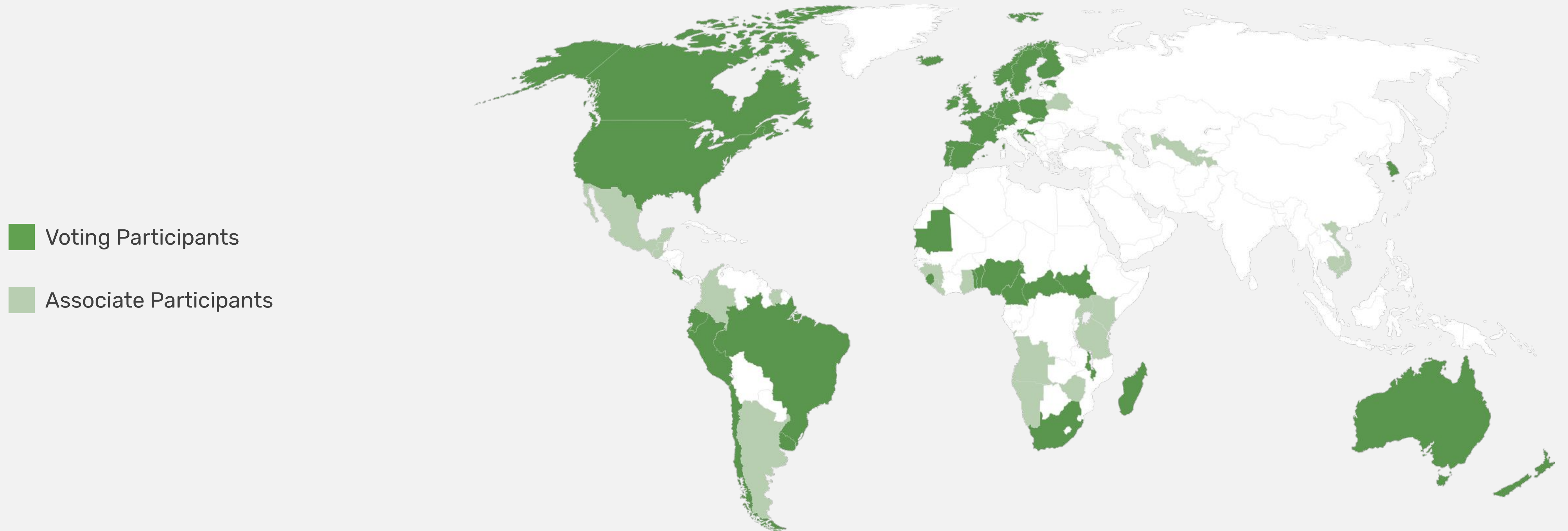
- 97.4 million human observations
- 52.7 million specimens
- 1.1 million material samples
- 1.1 million fossil specimens

1,217,664 audio files

3,758 videos



GBIF Participant countries

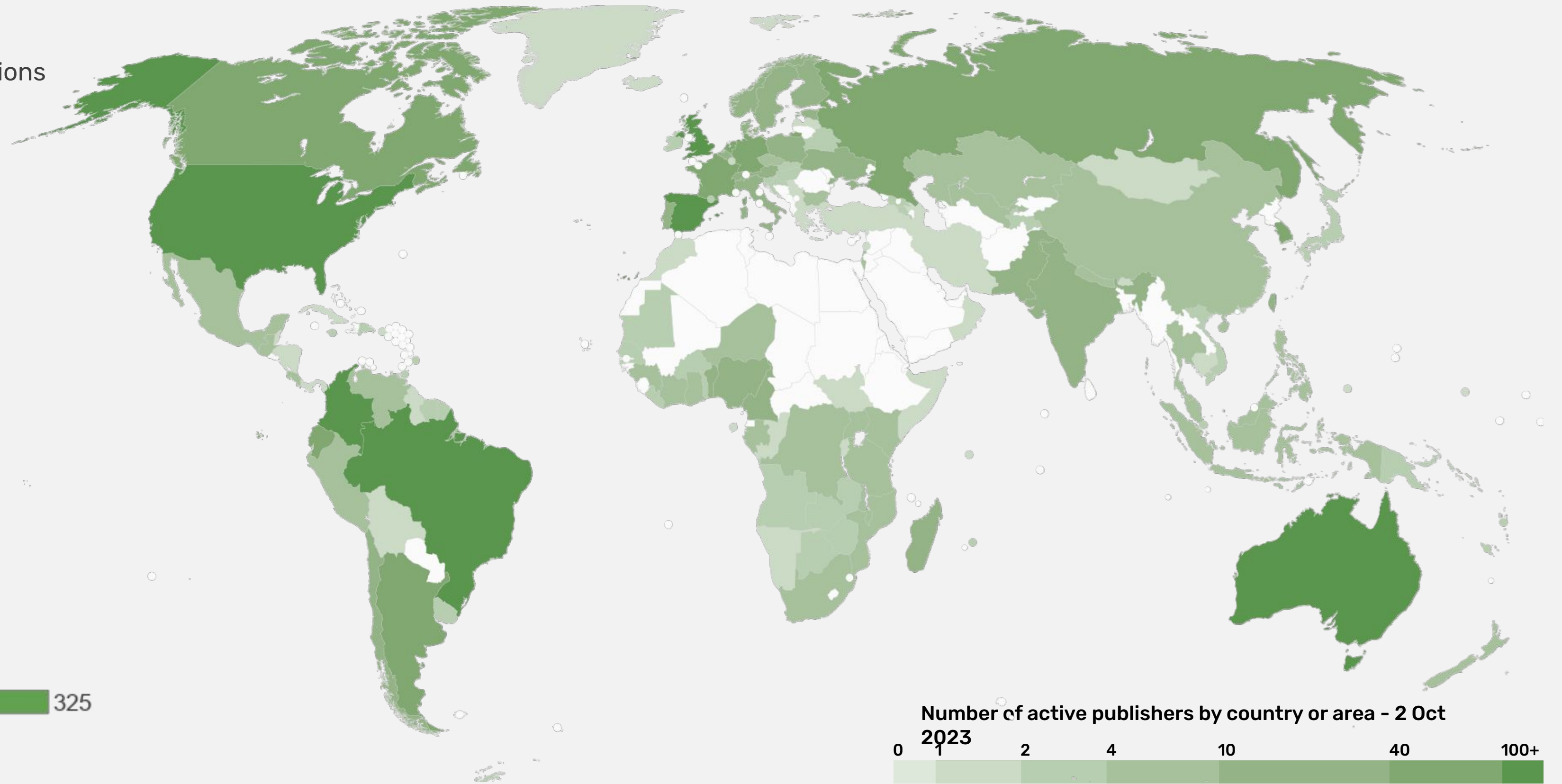
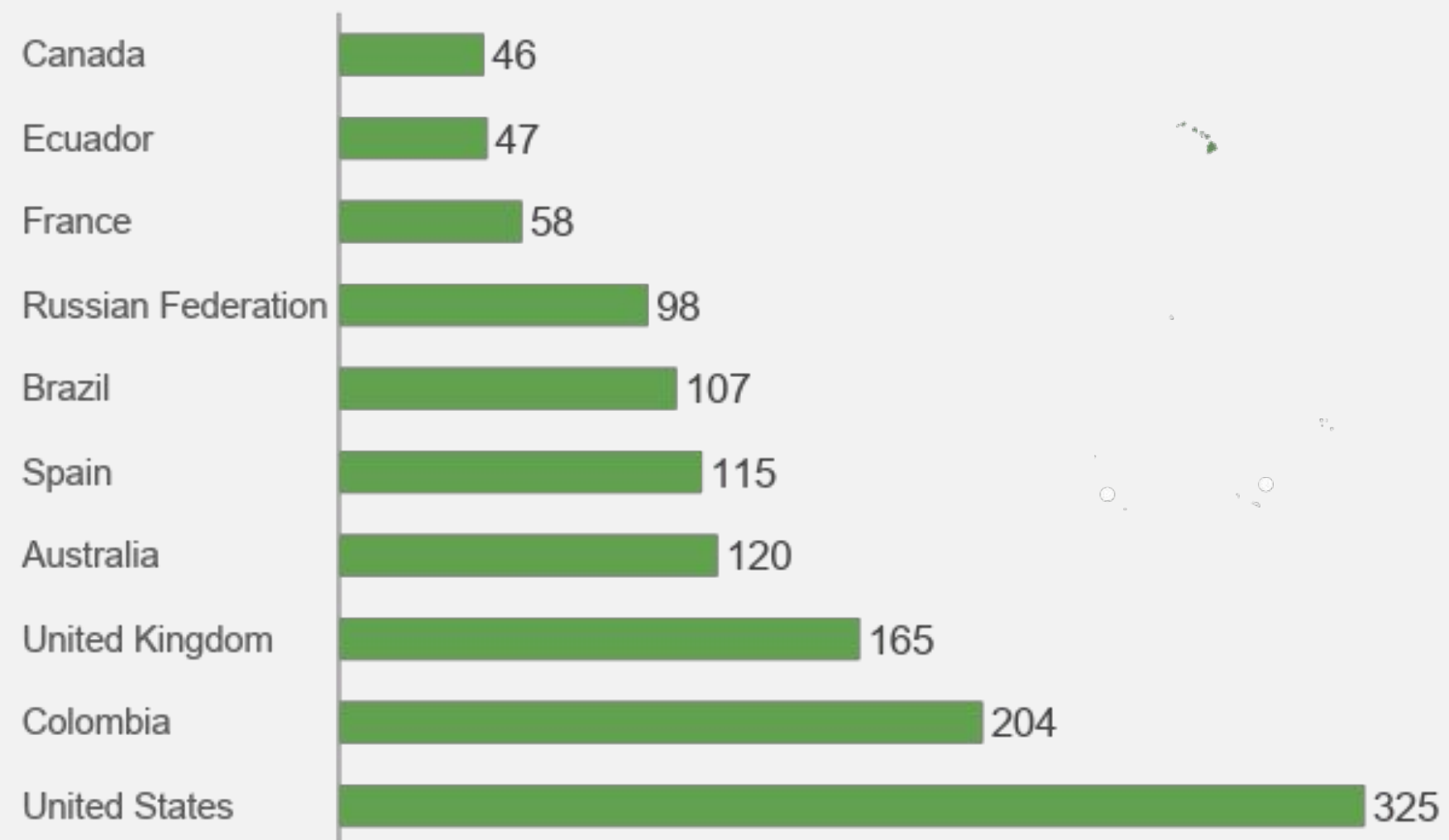


- Voting Participants
- Associate Participants



GBIF network of data publishing institutions

139 countries/areas with institutions sharing data through GBIF



GBIF.org traffic by country: 2023

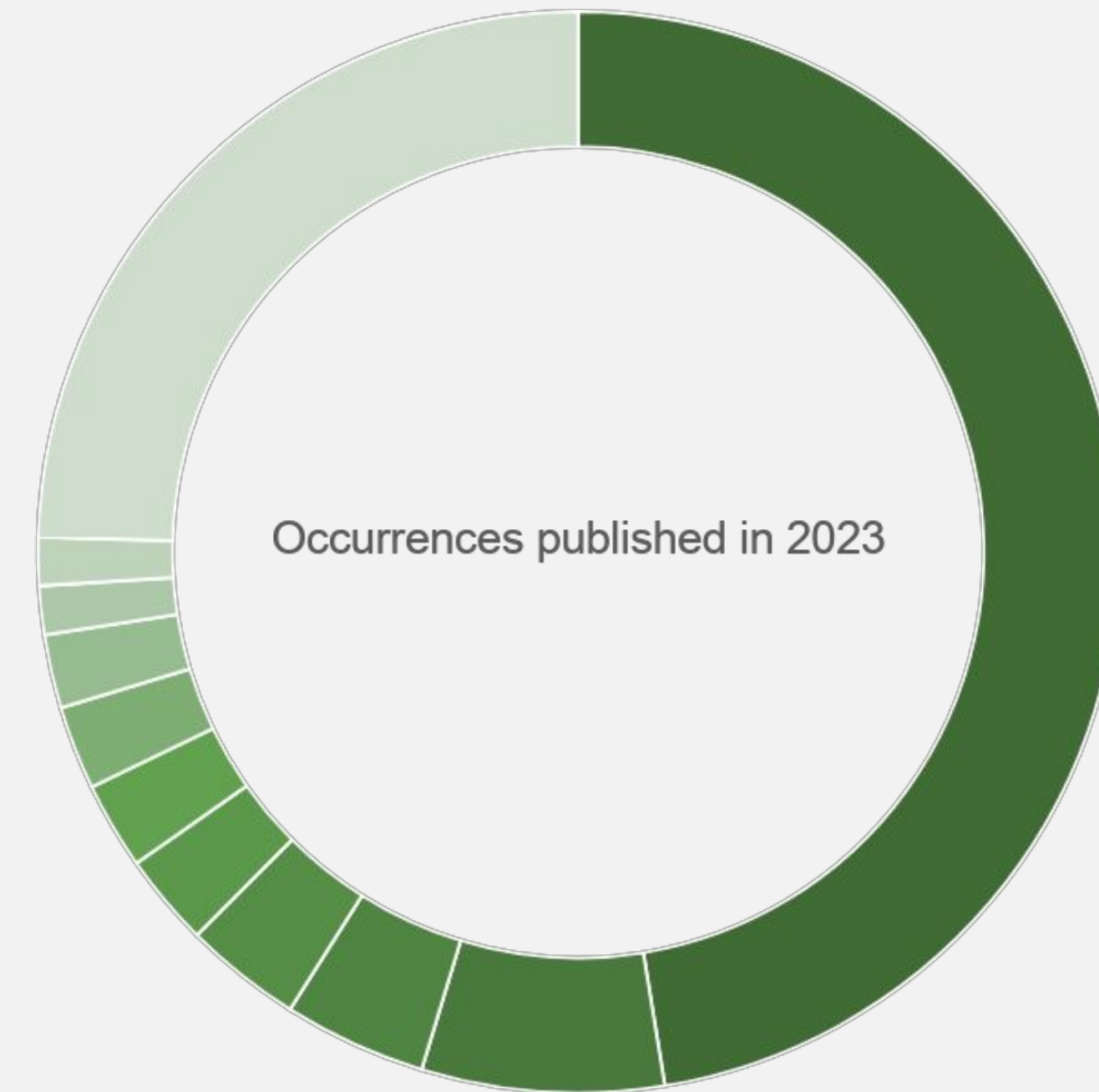
Rank	Country/Territory	Visitors	Visits	Effective visits*	% Effective visits	2022 rank	Pages / visit
1	United States	589,879	699,992	286,997	11.22%	1	4.52
2	Colombia	261,310	334,997	150,749	5.89%	2	4.31
3	Brazil	230,492	274,758	126,389	4.94%	4	4.41
4	Mexico	248,159	295,591	121,163	4.74%	5	4.26
5	France	236,813	281,251	112,500	4.40%	9	4.37
6	China	136,765	193,078	111,985	4.38%	3	10.44
7	Spain	176,936	225,329	110,411	4.32%	6	6.12
8	Germany	203,113	247,598	93,511	4.16%	10	5.57
9	Indonesia	131,291	164,054	83,304	3.65%	7	6.00
10	India	199,463	225,145	80,471	3.26%	11	3.58
TOTAL		4,615,229	5,686,046	2,558,721	100.00%		5.40

SOURCE: Plausible.io. * Effective visits = total visits - (total visits x bounce rate)



Occurrences published by country: 2023

Rank	Country/Territory	2023	2022 total	2022 rank
1	United States	146,409,048	123,152,046	1
2	Canada	22,356,855	22,328,115	4
3	France	13,179,556	40,243,552	2
4	Netherlands	10,861,606	30,330,743	3
5	India	8,537,221	7,300,428	9
6	United Kingdom	8,052,202	14,602,384	6
7	Sweden	7,728,296	13,698,583	7
8	Spain	6,784,103	5,058,667	13
9	Colombia	4,492,587	6,052,455	12
10	Chile	4,457,902	907,724	30
	OTHER COUNTRIES + AREAS	75,775,067	66,653,115	
	TOTAL	308,634,443	369,598,387	

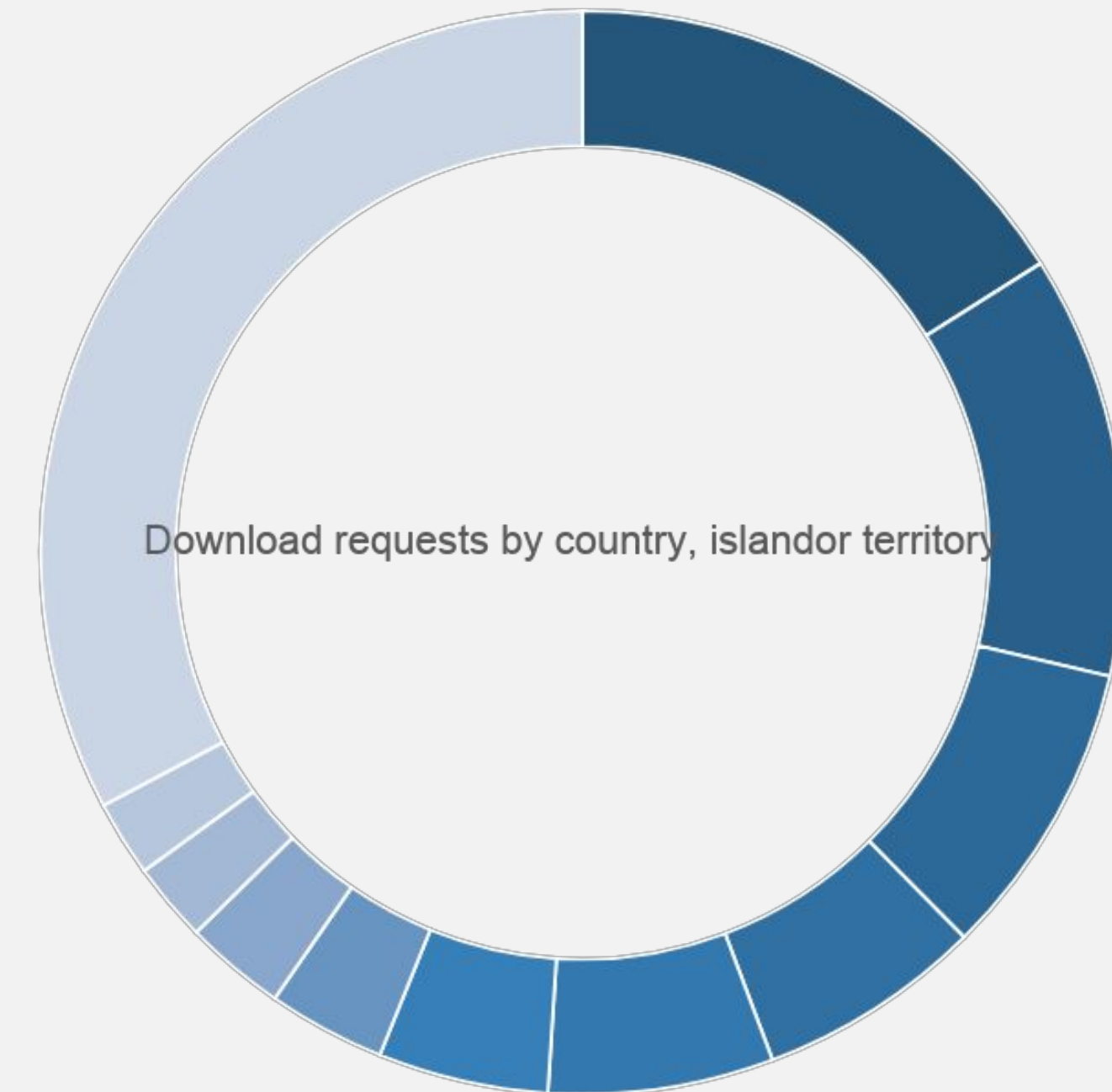


Data download requests by country: 2023

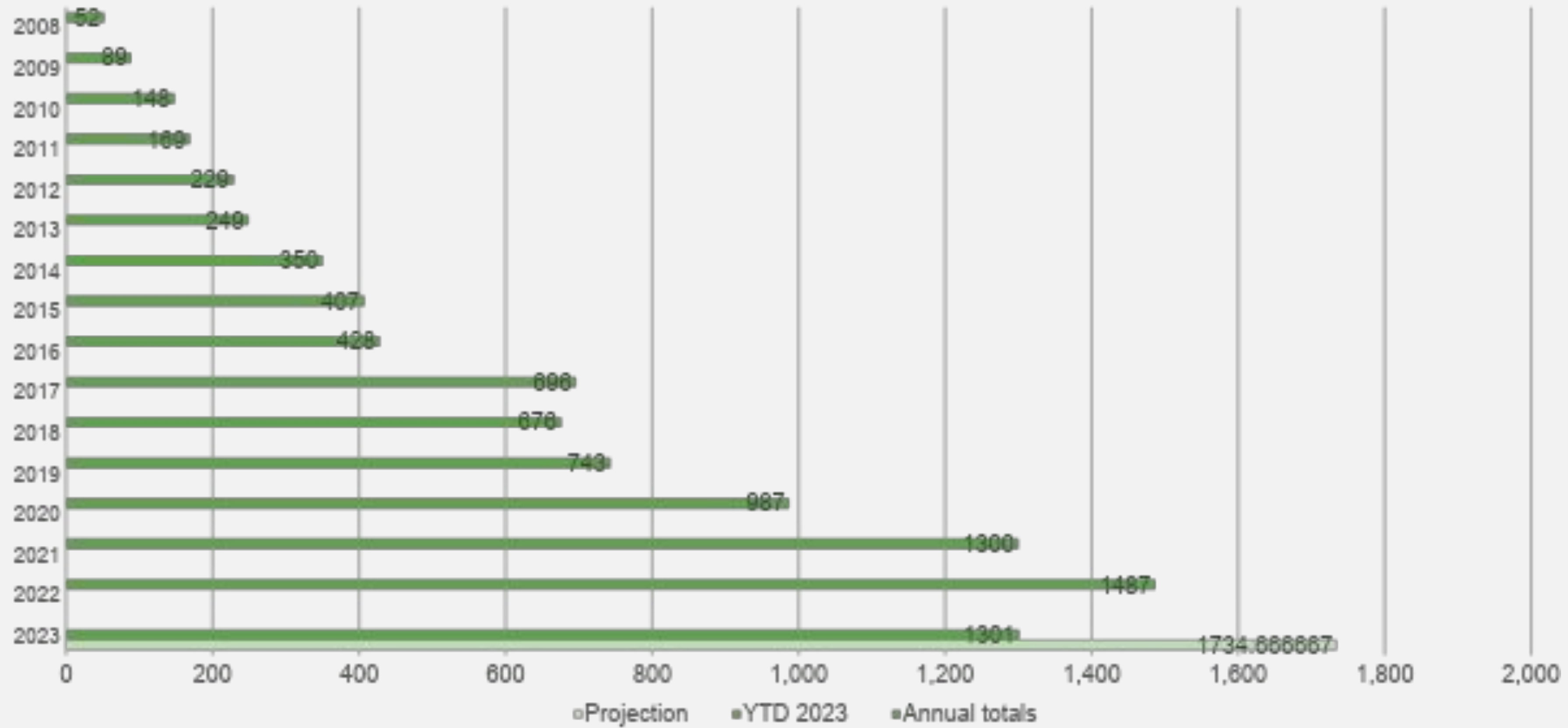
Rank	Country	2023	2022 total	2022 rank
1	China	33,928	36,844	1
2	United States	26,721	24,812	3
3	Mexico	18,797	27,172	2
4	Colombia	14,253	18,392	4
5	Brazil	14,227	14,777	5
6	Spain	10,754	9,280	7
7	United Kingdom	7,426	10,256	6
8	France	6,394	5,231	9
9	Germany	5,014	4,590	11
10	Canada	4,796	4,782	10
OTHER COUNTRIES + AREAS		69,224	75,107	
TOTAL		211,534	232,591	

157

countries, islands & territories where users have ≥5 requested downloads



Peer-reviewed publications using GBIF-mediated data

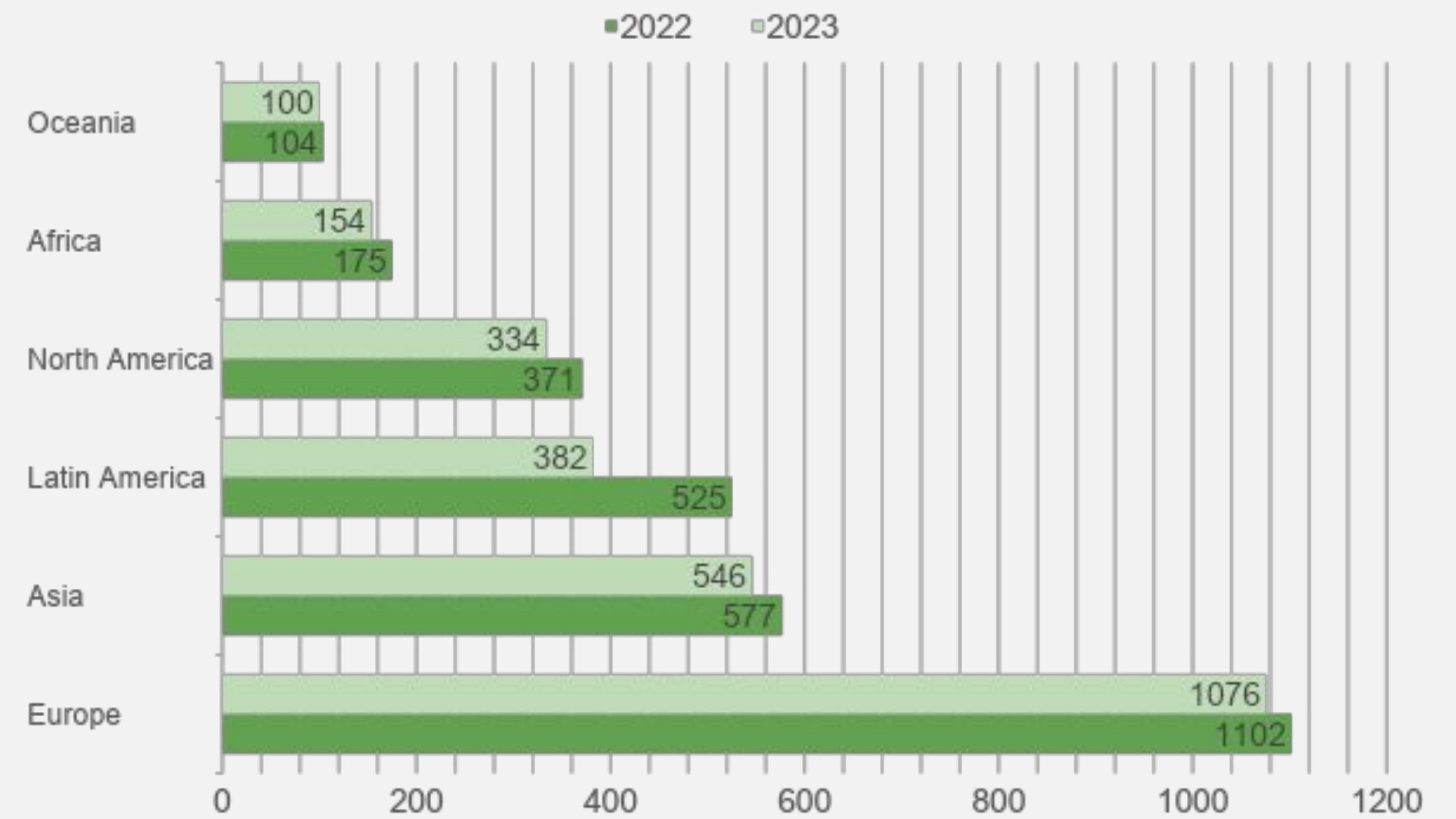


Data use in peer-reviewed journals: 2023

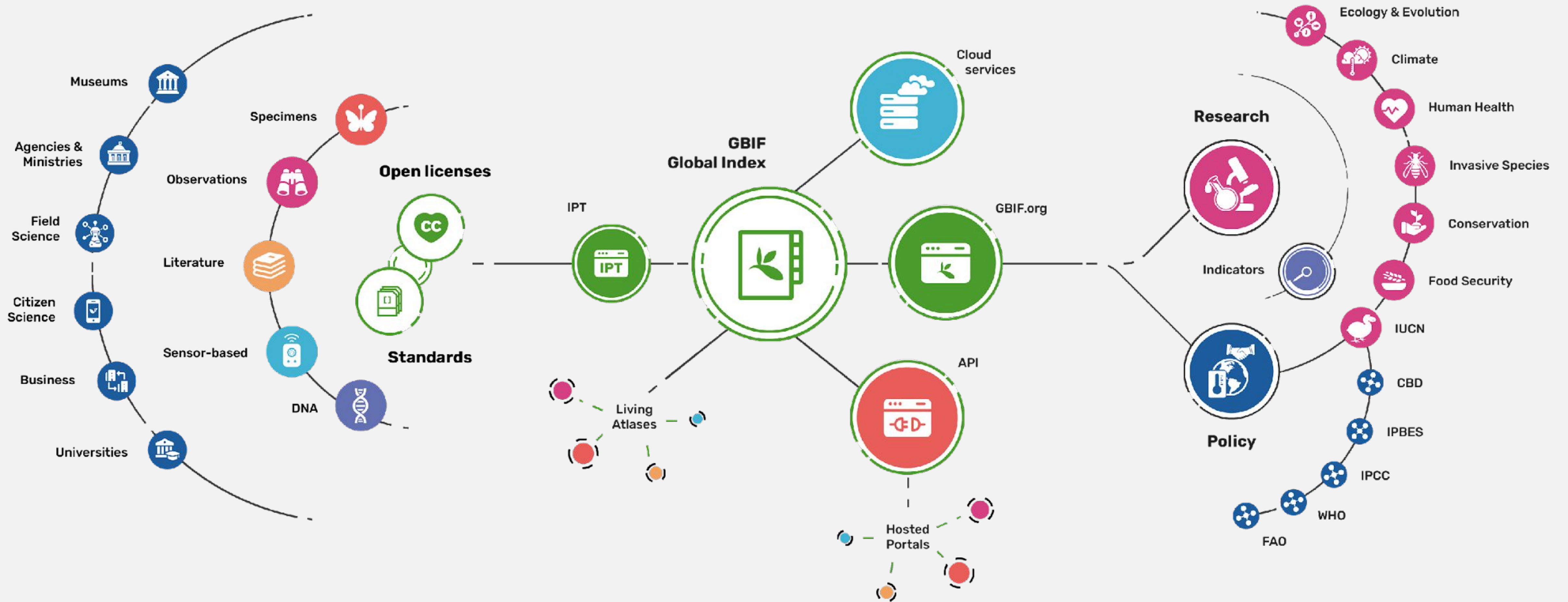
Peer-reviewed uses by country

End of Year		2023 total	2022 total	2022 rank
1	United States	281	306	2
2	China	276	309	1
3	Brazil	133	167	3
3	United Kingdom	133	149	4
5	Germany	121	126	6
6	Mexico	91	146	5
7	Spain	89	105	9
8	France	79	78	7
9	Australia	76	78	7
10	India	60	63	12

Peer-reviewed uses by region



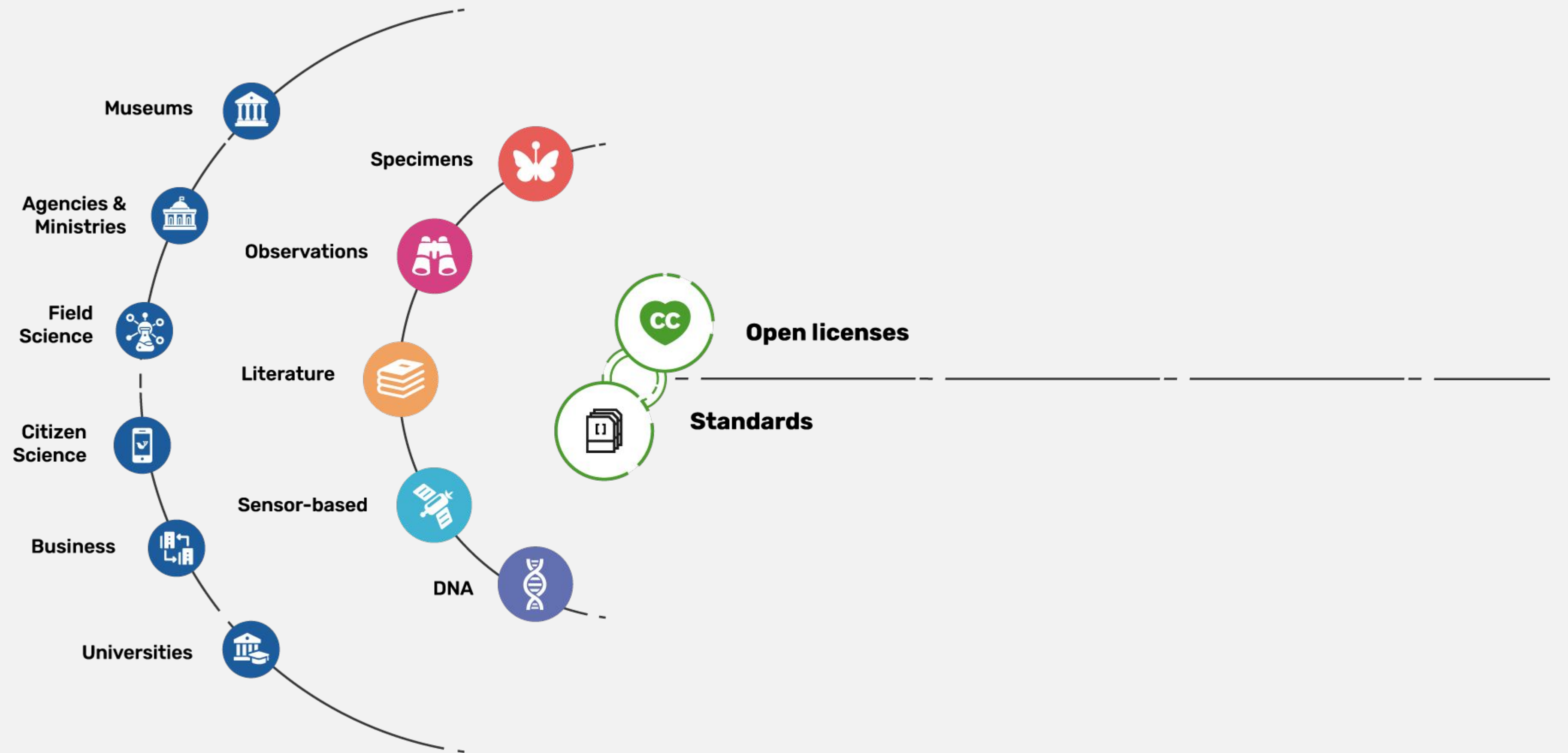
Providing biodiversity evidence for research and policy



Sources of biodiversity evidence

Create

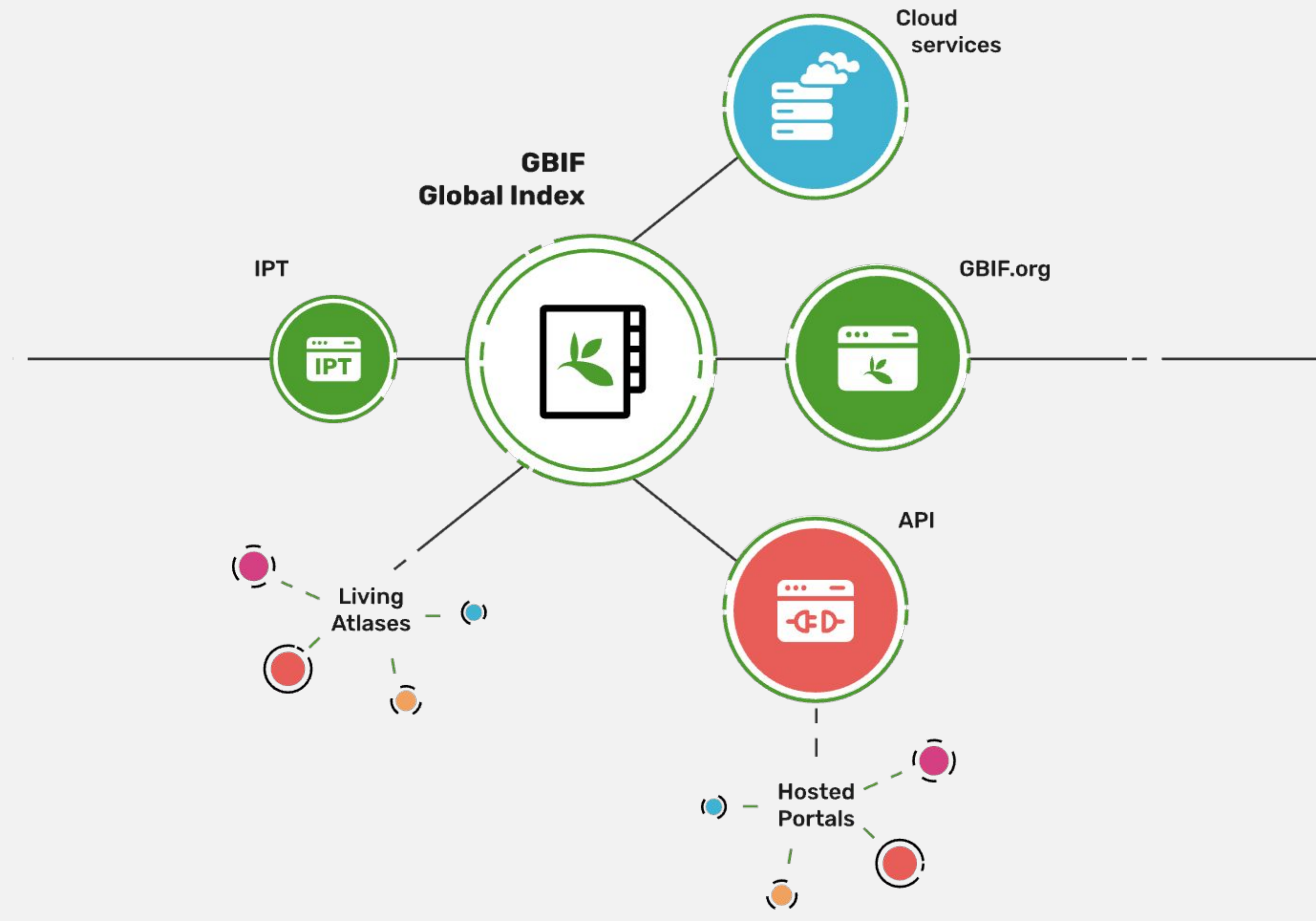
Combine sources of evidence



Access to biodiversity evidence

Share

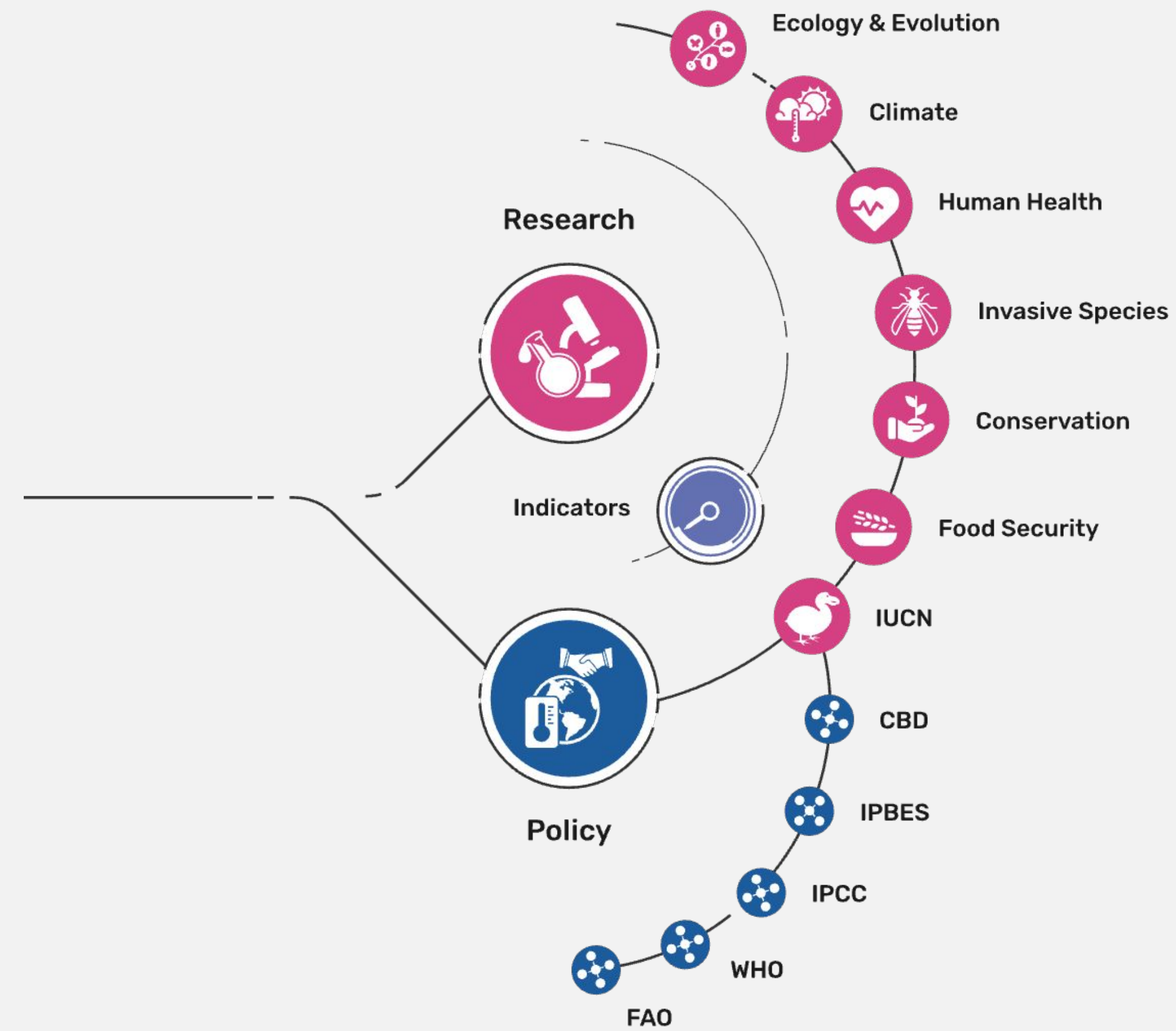
FAIR and open access



Uses of biodiversity evidence

Transform

Apply and use data



Going further links

- [GBIF.org](https://www.gbif.org) Global portal
- [Biodiversity Information for Development](https://www.biodiversityinformation.org/) (BID)
- [GRSciColl](https://www.grsi.org/) Global Registry of Scientific Collections
- [Catalogue of Life](https://www.catalogueoflife.org/) Taxonomy
- [Hosted Portals](https://www.gbif.org/hosted-portals)
- [GBIF Strategy 2023-2027](https://www.gbif.org/strategy)
- [Global Nodes meeting Oct 2023](https://www.gbif.org/global-nodes-meeting)

