Accessing Taxonomic Data

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You Cant Monitor Something you Don't Know about

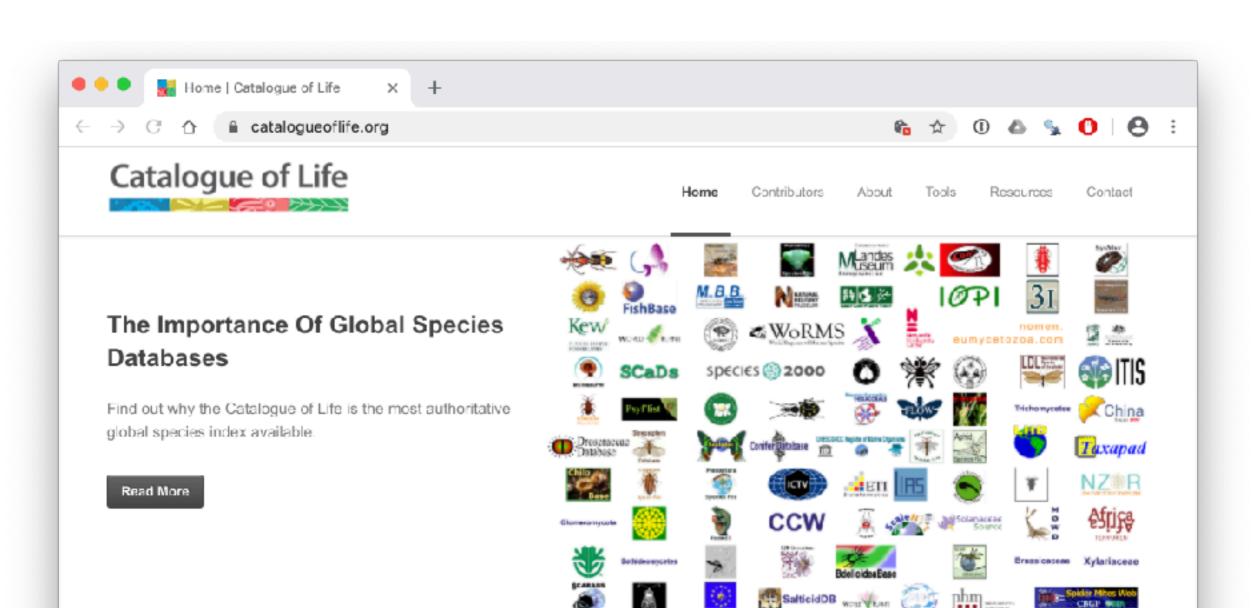
- The availability of taxonomic information about a country is one of the single most important data sources for ABS monitoring.
- If a country lacks information on species within a country it is not realistic to imagine a country will be able to monitor access and benefit-sharing with much success.
- Using Taxonomic Data is about more than monitoring compliance with access and benefit sharing rules. It provides a window into the role of biodiversity in science & innovation.

Taxonomic Data

- Taxonomic names are in reality quite tricky to work with because:
 - They change over time (as taxonomists reallocate species)
 - Spelling and punctuation may vary (a lot)
 - The rise of molecular taxonomy is leading to significant revisions and advances using short segments of DNA as signatures, known as DNA barcoding (Barcode of Life)
 - Environmental samples (metagenomics) from soil and water are leading to a growing number of cases where the species is not actually known, except in the broadest terms known but useful properties may be identified.

Sources of Taxonomic Information

- One challenge with taxonomic data is that it may be stored in multiple locations in different forms (in spreadsheets, pdf or word documents and so on). This was part of the challenge we faced here in India and it is the same everywhere else.
- I want to highlight three important developments
 - The Catalogue of Life as the main authority for valid taxonomic names
 - The Global Names Initiative as the main sources for extremely messy names as used by humans and tools for identifying and cleaning them up;
 - The Global Biodiversity Information Facility (GBIF)
- In this session we will get to grips with some of these resources focusing on GBIF.





For Catalogue of Life a new infrastructure is currently being developed in the CoL+ project that will enable us to serve you with improved e-services. These will gradually replace the current ones during the second half of 2020. Stay tuned!

Welcome to the Catalogue of Life website. The gateway to our online database of the world's known species of animals, plants, fungi and micro-organisms. CoL assembly is migrating to new infrastructure, next monthly edition expected at the end of 2019

Catalogue of Life: 2019 Annual Checklist

A referenceable snapshot once per year Next annual publication date: May 2020

















NEWS

WORKSHOPS

PAPERS

DOCS

SOURCE

Global Names Architecture

Scientific Names Services

The Global Names Architecture (GNA) is a system of web-services which helps people to register, find, index, check and organize biological scientific names and interconnect on-line information about species.

APPS

Resolve

Check if the names you have are real, spelled right, and currently used.

Resolver →

Find

Discover scientific names in texts, PDFs, and even images you took in a Natural History Museum.

Name Finder →

Register

If you are a zoologist -- you can officially register species electronically.

Zoobank →

DOMAIN The content of this website is in public domain

Powered by Jekyll

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Global Names Index BETA

Scientific Names Exchange (about)

Index of Scientific Names

Index of scientific names provided by all Name Repositories (17,275,622 name strings total)

Search

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Results 1 - 17 of total 17 for 'Azadirachta Indica'

Azadirachta indica

Azadirachta indica A. Juss.

Azadirachta indica A. Juss. var. siamensis Valeton.

Azadirachta indica A.H.L. Jussieu

Azadirachta indica A.Juss.

Azadirachta indica A.Juss. subsp. vartakii Kothari, Londhe & N.P.Singh

Azadirachta indica Adr. Juss.

Azadirachta indica Juss.

Azadirachta indica Juss, var. siamensis Val.

Azadirachta indica minor

Azadirachta indica minor Link

Azadirachta indica siamensis

Azadirachta indica siamensis Lindl., 1975

Azadirachta indica siamensis Maiden & Blakely

Azadirachta indica subsp. vartakii.

Azadirachta indica subsp. vartakii Kothari, Londhe & N.P.Singh

Azadirachta indica var. indica.

Azadirachta indica

Parsed information (show)

Lexical groups

Azadirachta indica A. Juss.

Azadirachta indica A. Juss. var. siamensis Valeton

Azadirachta indica

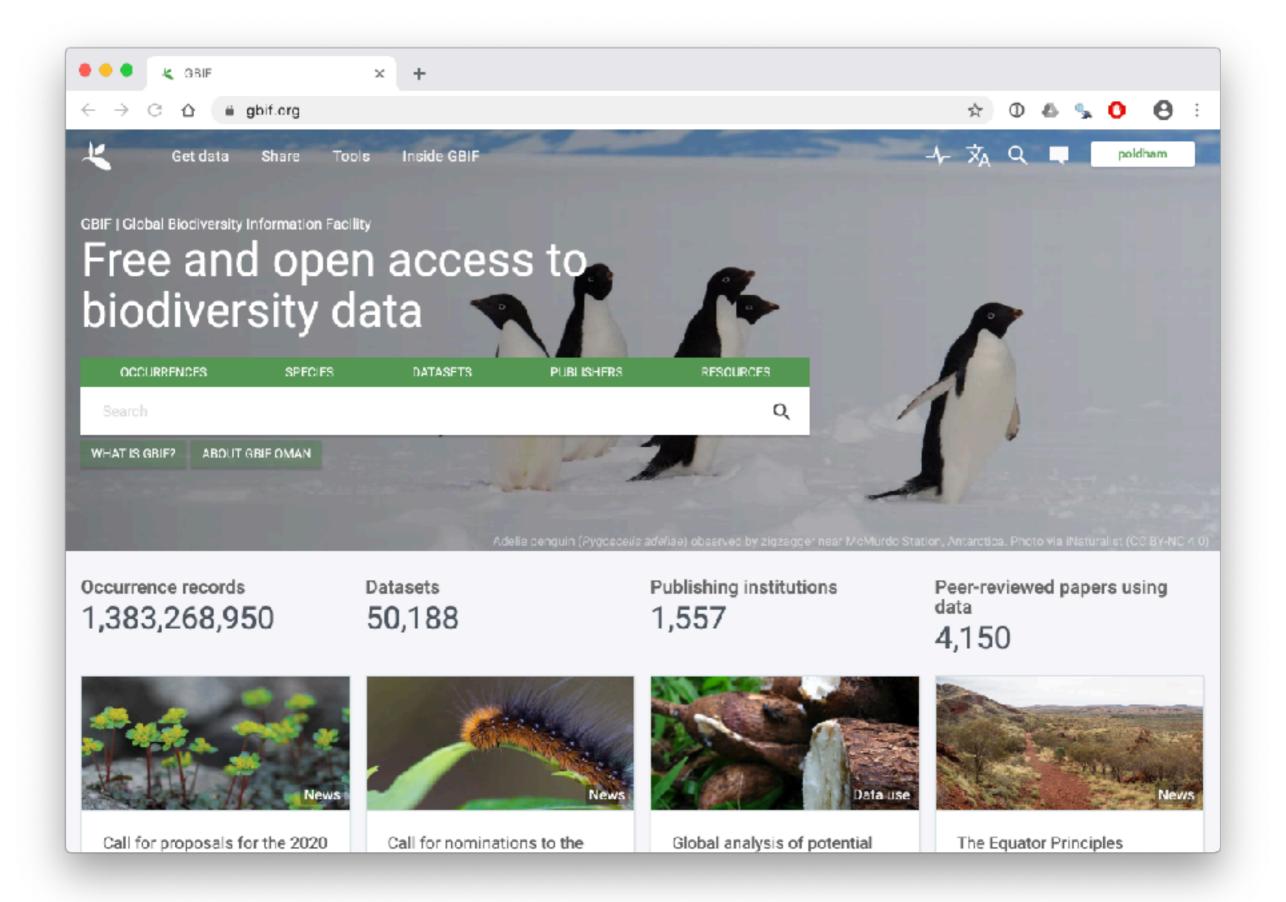
Azadirachta indica A.H.L. Jussieu

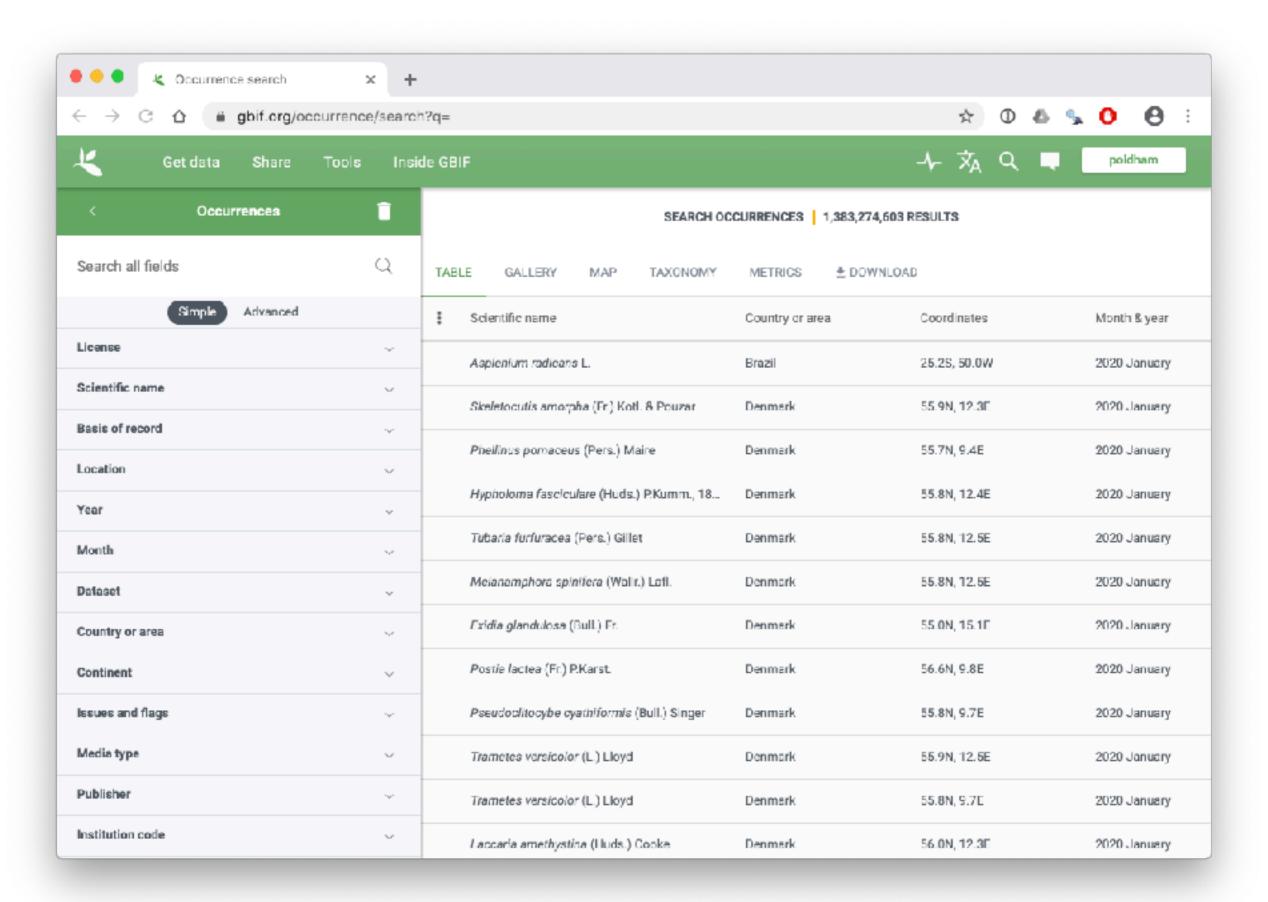
Azadirachta indica A_xluss.

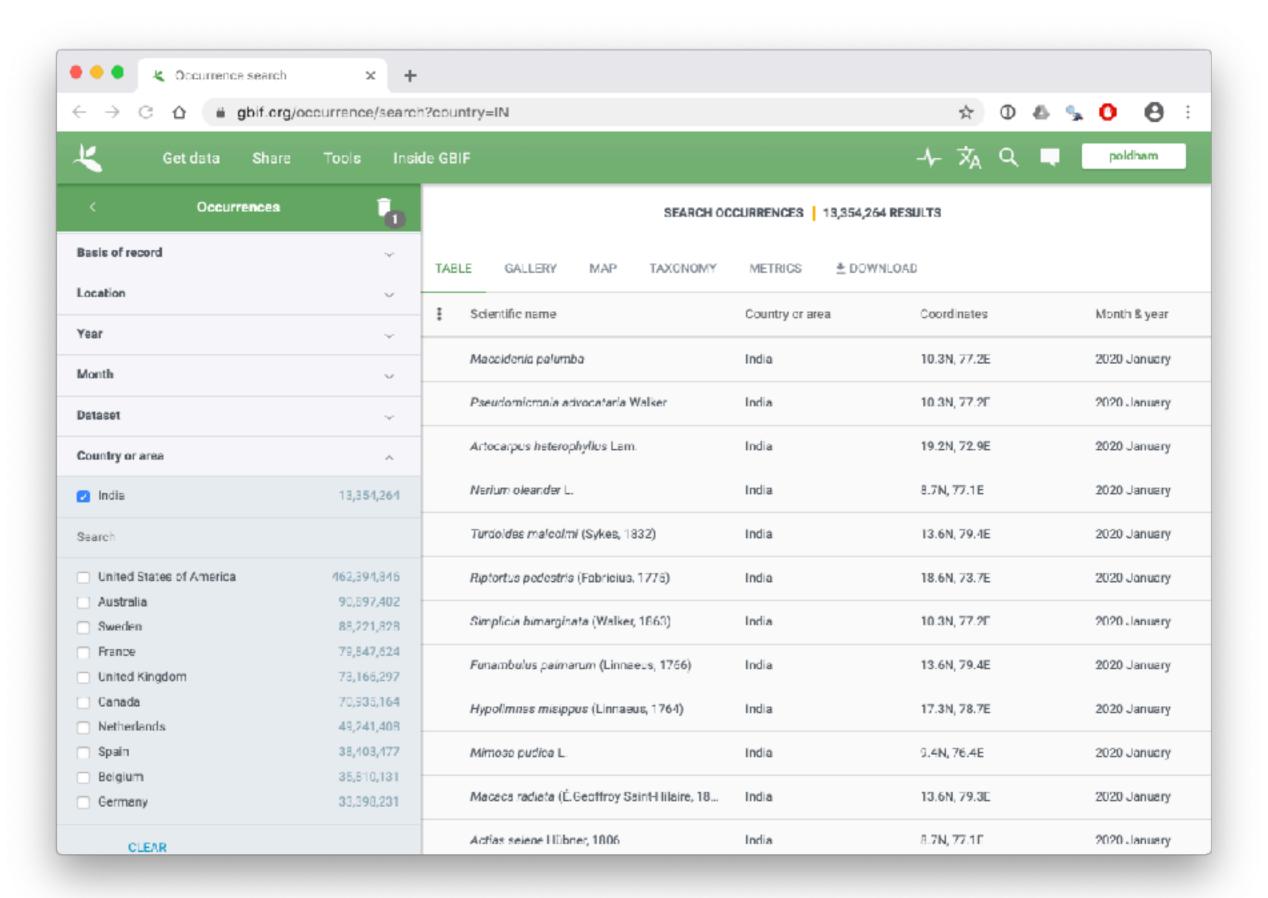
Azadirachta indica Adr. Juss.

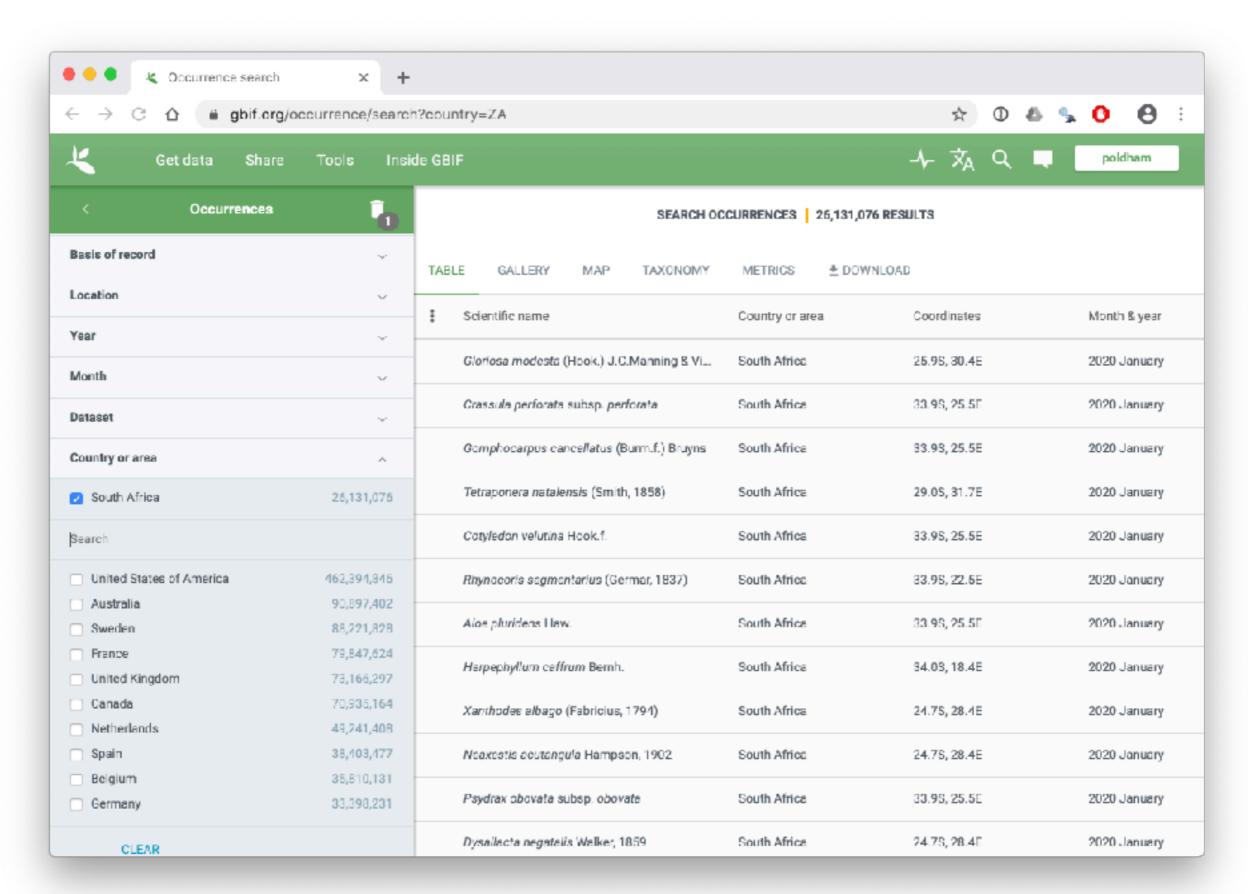
Azadirachta indica Juss.

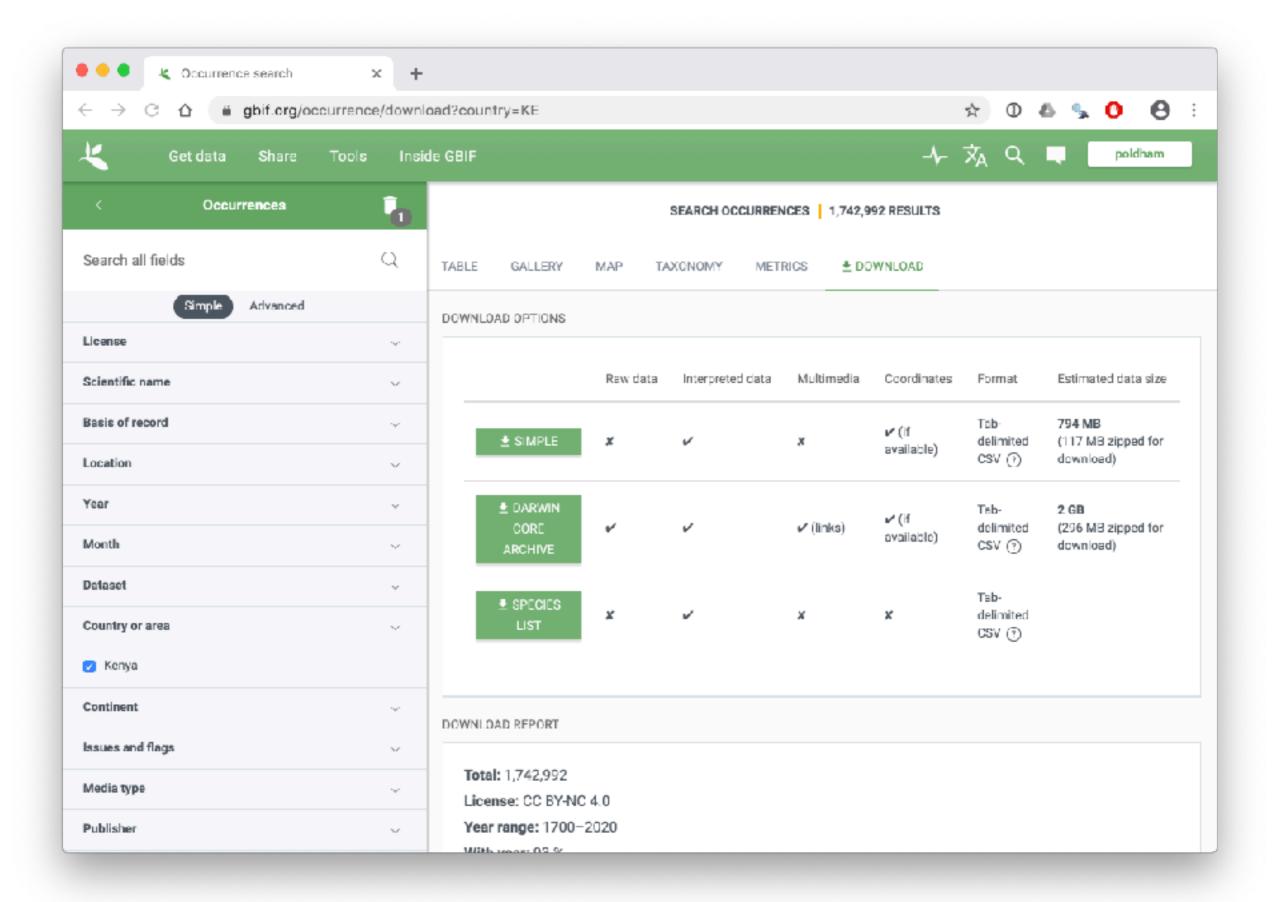
Logo	Data Source	Records #
	GBIF	14 records
	uBio NameBank	1 record
	CU*STAR	1 record
	Wikipedia in EOL	1 record
	Catalogue Of Life	1 record

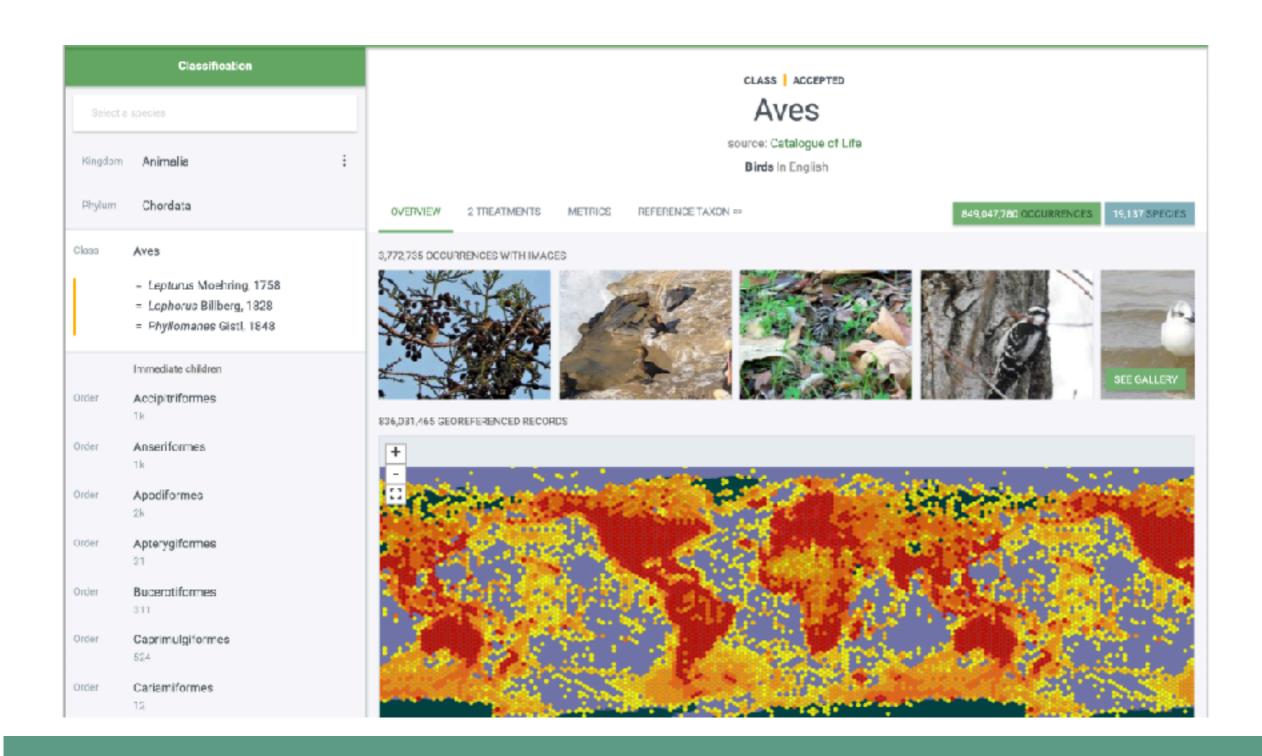






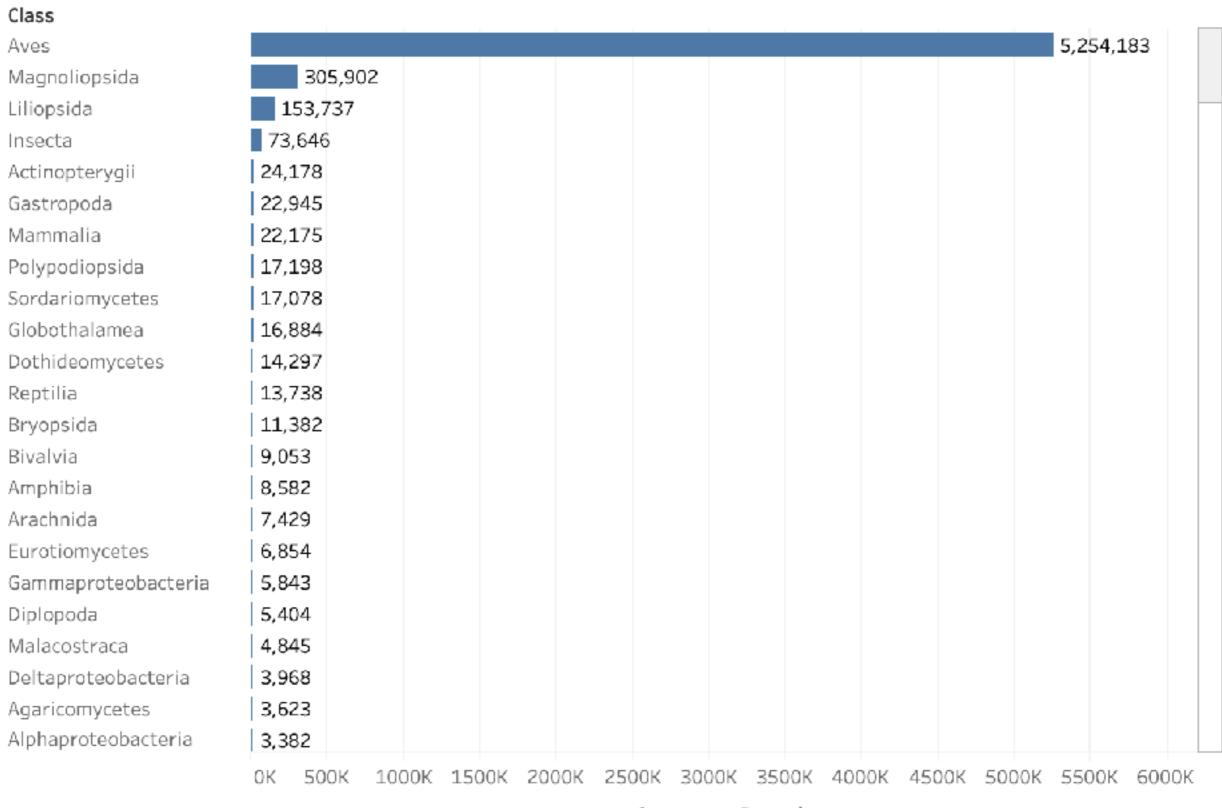






GBIF Occurrence records are dominated by birds (class Aves)

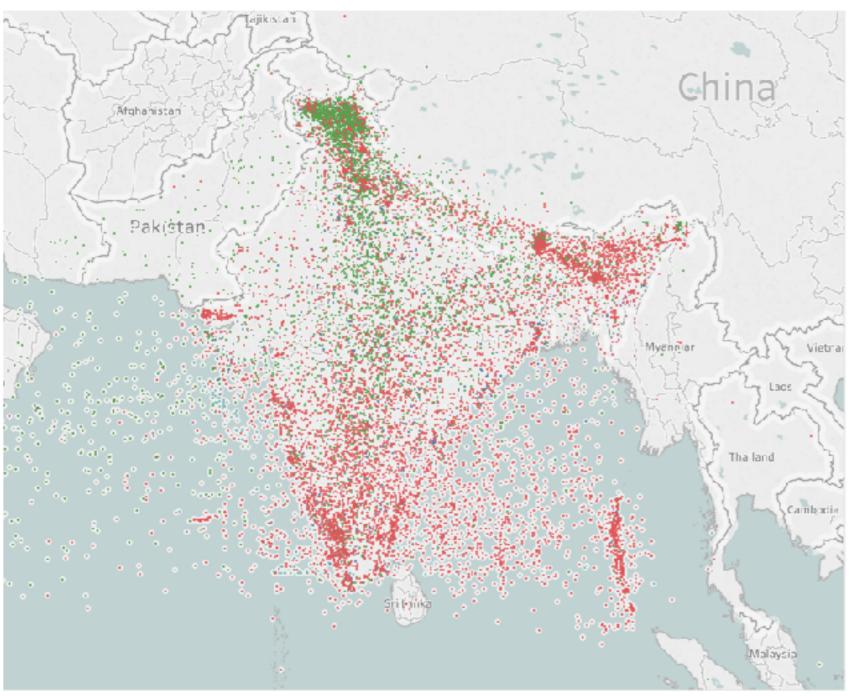
Bird Occurrence Records Overwhelm the Country Data



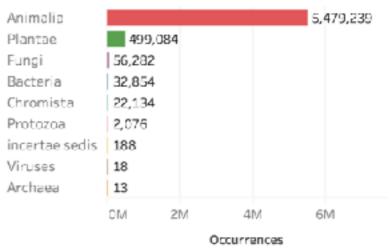
Occurrence Records

Bird Occurrence Records (India 2018 data)

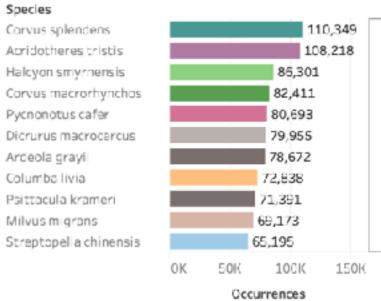
Мар

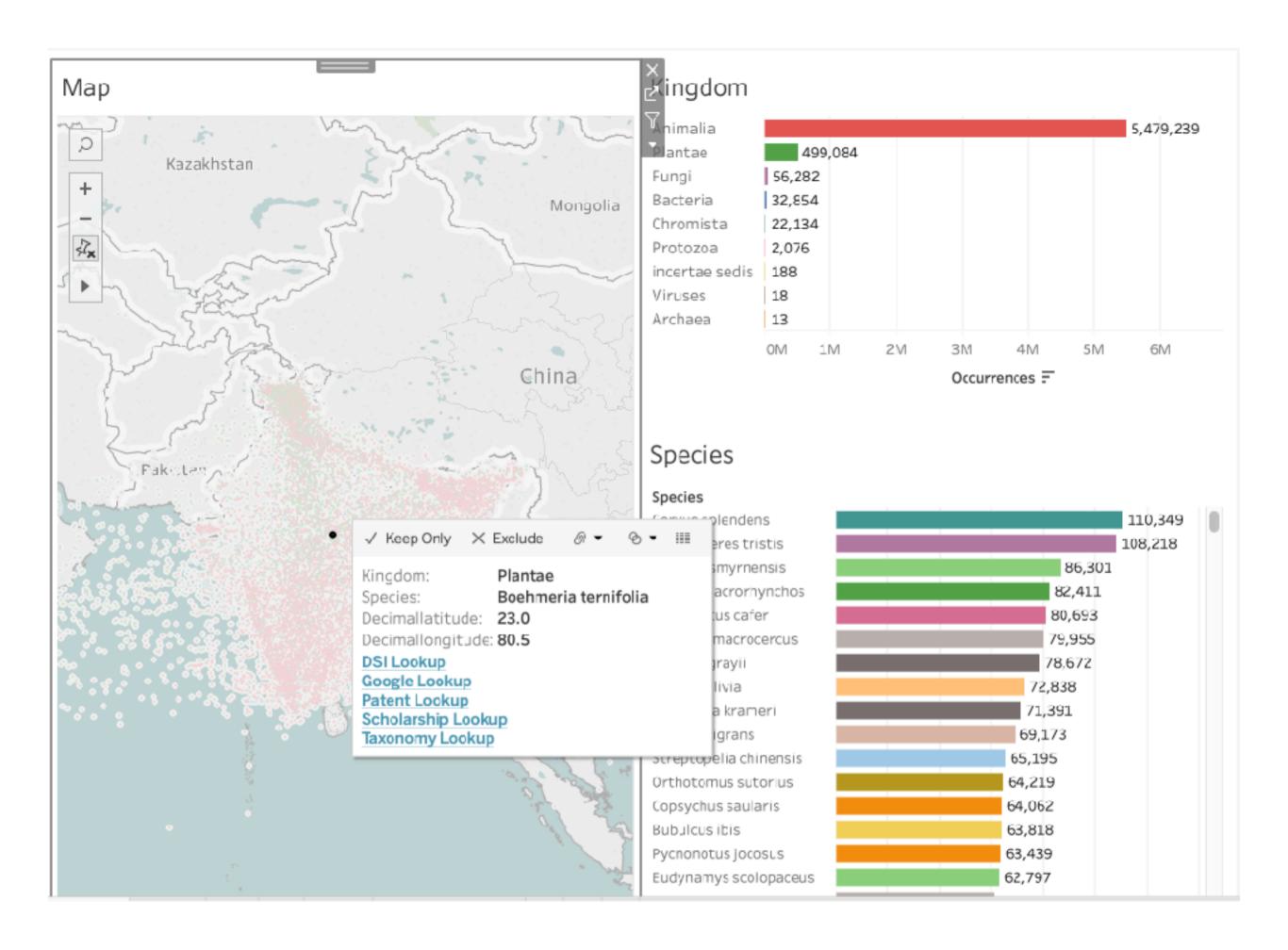


Kingdom



Species







Anaphalis royleana India

















: More

Settings

Tools

About 2,840 results (0.32 seconds)

Anaphalis royleana var. cana - Flowers of India

Aug 15, 2006 - Linear-Leaf Pearly Everlasting is a perennial herb, up to 35 cm high, much branched from the base, stem slender, woody at base, woolly to ...

G sites.google.com > site > species > asteraceae > asteroideae > gnaphalieae

Anaphalis royleana - efloraofindia - Google Sites

DV :: 02 AUG 12 - 0837 :: **Anaphalis** ¿ **royleana** ? at Valley of Flowers: 2 AUG 12 ... named for John Forbes Royle, British botanist and physician in **India** .

Sites.google.com > site > efloraofindia > species > asteraceae > anaphalis

Anaphalis (Asteroideae- Gnaphalieae) - efloraofindia

Anaphalis royleana ... Anaphalis species- Eravikulam WLS, Munnar, Kerala ... document (Karthikeyan et al., 2009) following species of Anaphalis occur in India:.

indiabiodiversity.org > species > show ▼

Anaphalis royleana DC. | Species | India Biodiversity Portal

Welcome to the India Biodiversity Portal - A repository of information designed to ... Magnoliopsida. Asterales. Asteraceae. Anaphalis. Anaphalis royleana DC.

Your Turn!