



Food and Agriculture  
Organization of the  
United Nations

# Launch of the **International Network on Soil Biodiversity**

in the framework of the  
Global Soil Biodiversity Observatory

3<sup>rd</sup> December 2021 | 🕒 14:00 CET  
Online meeting



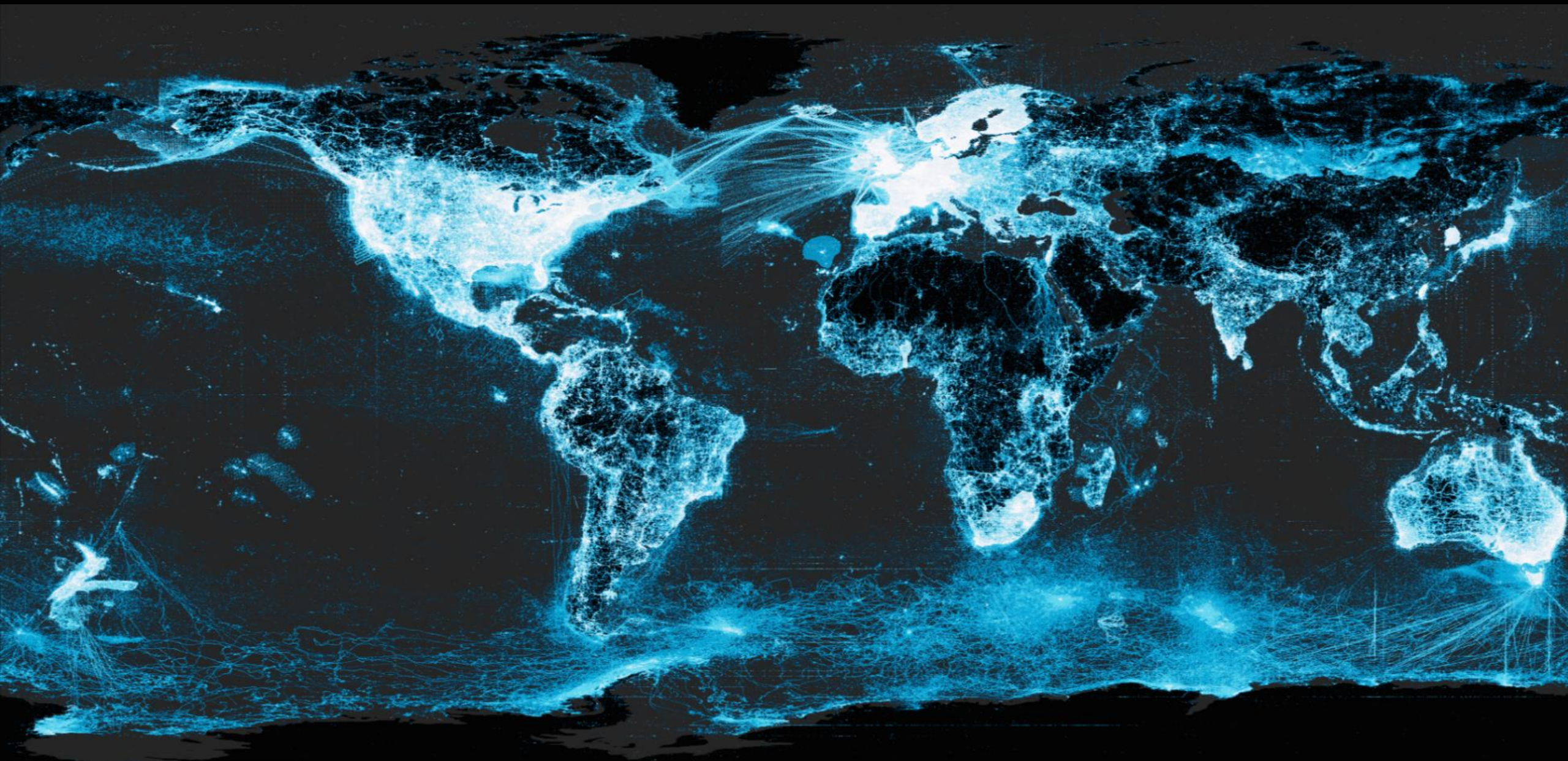
## Digital availability of soil biodiversity data

Dmitry Schigel

Global Biodiversity Information Facility  
Secretariat

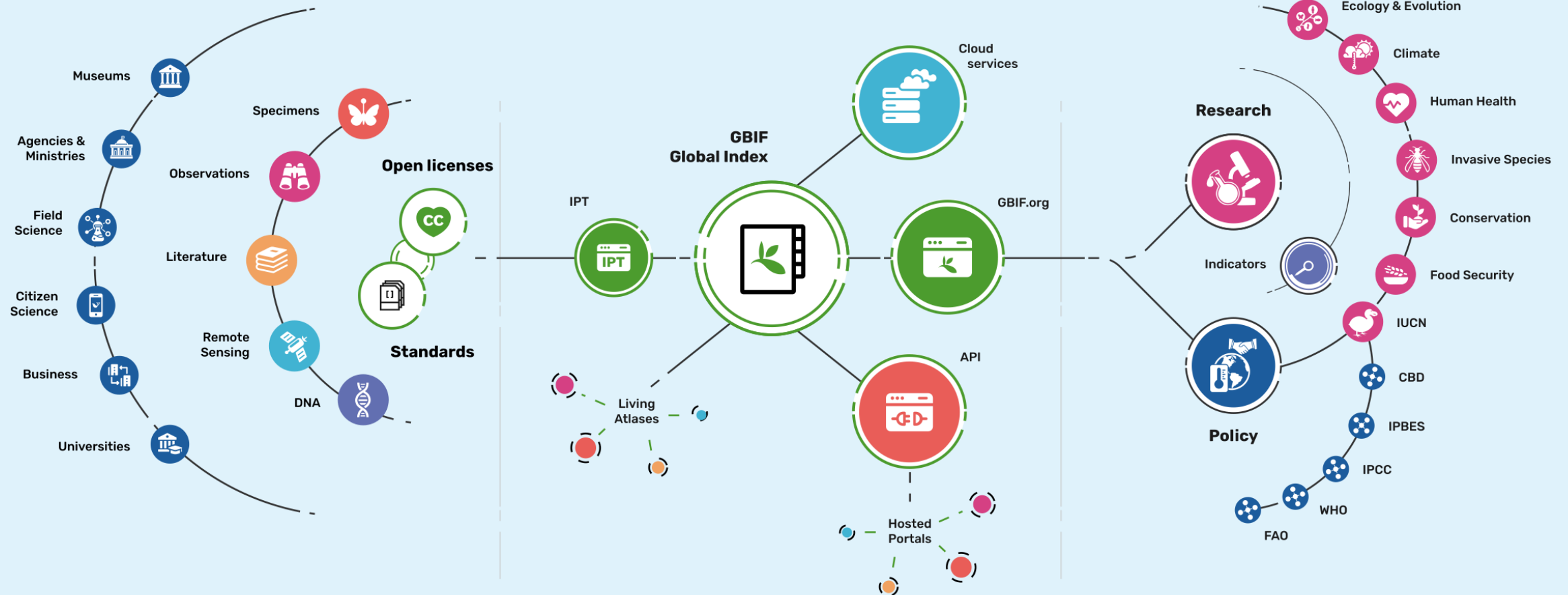




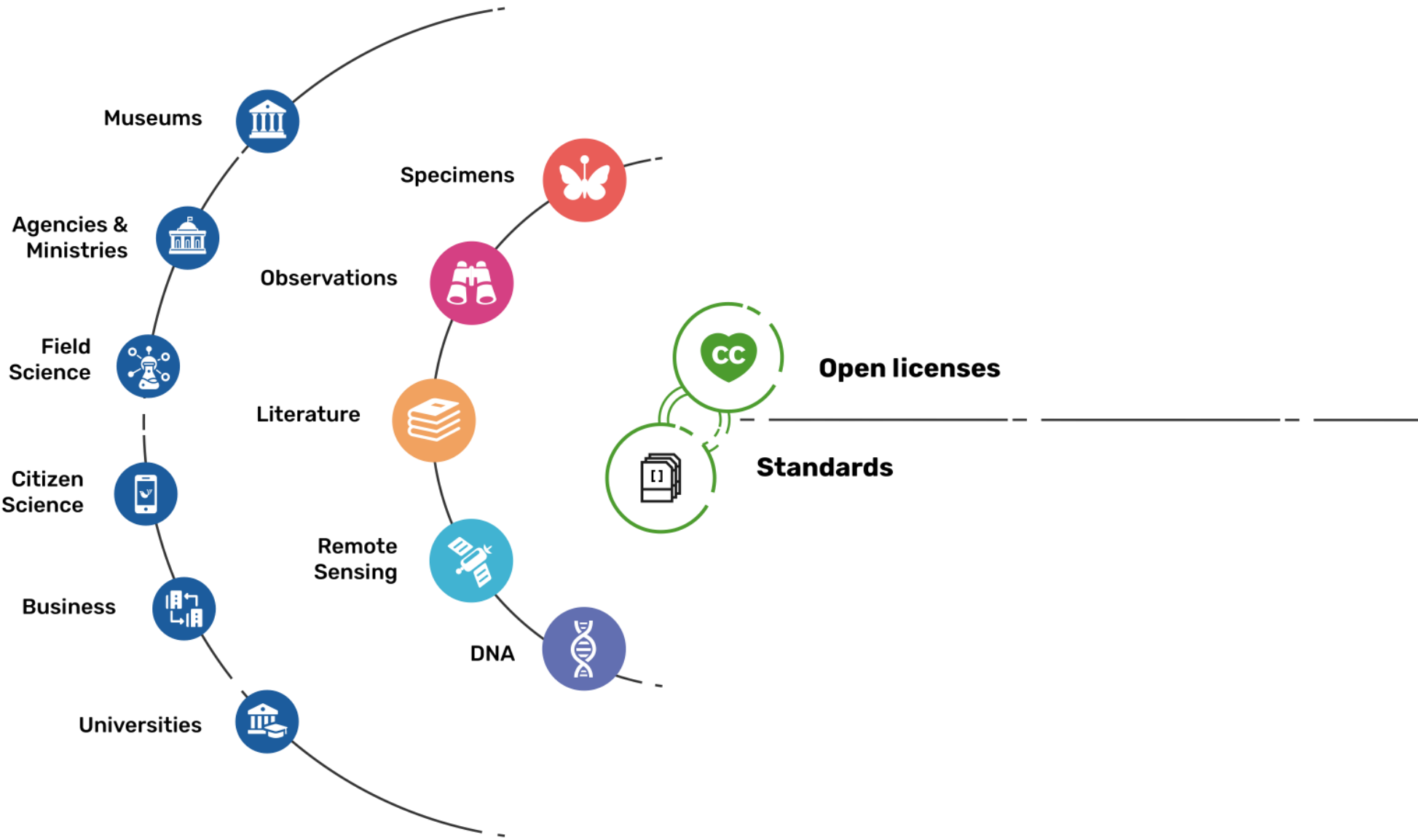




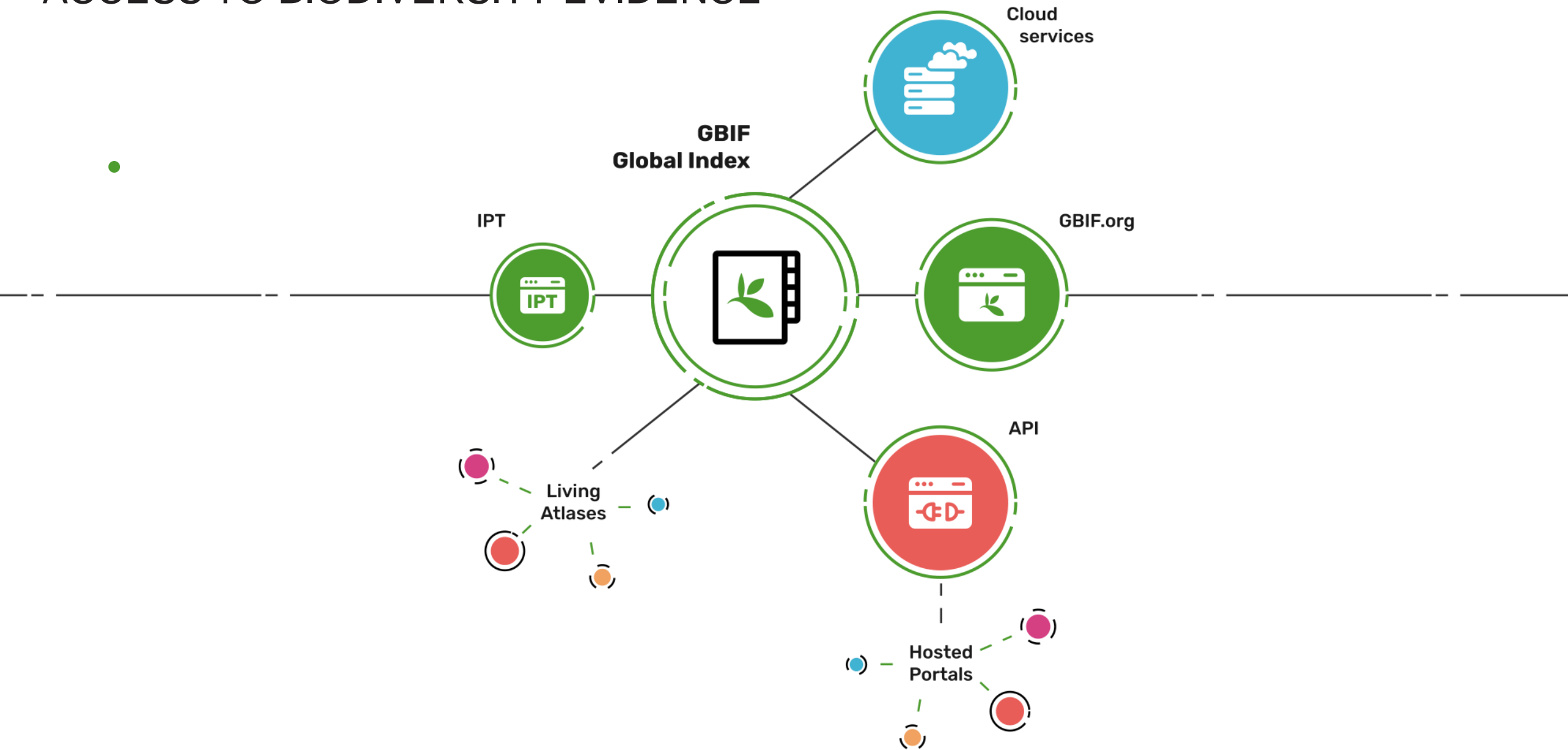
# GBIF: BIODIVERSITY EVIDENCE FOR SCIENCE AND POLICY



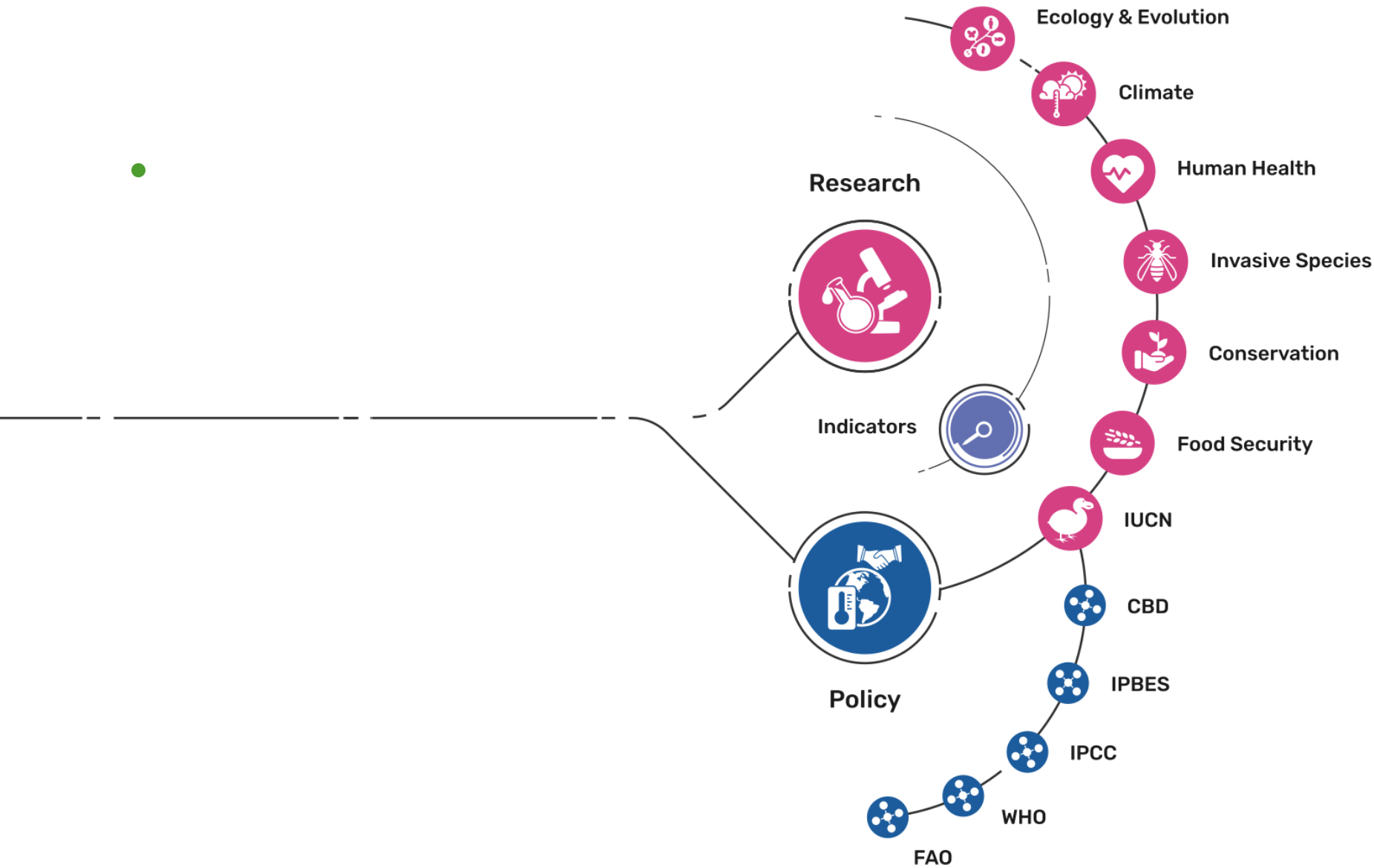
# SOURCES OF BIODIVERSITY EVIDENCE



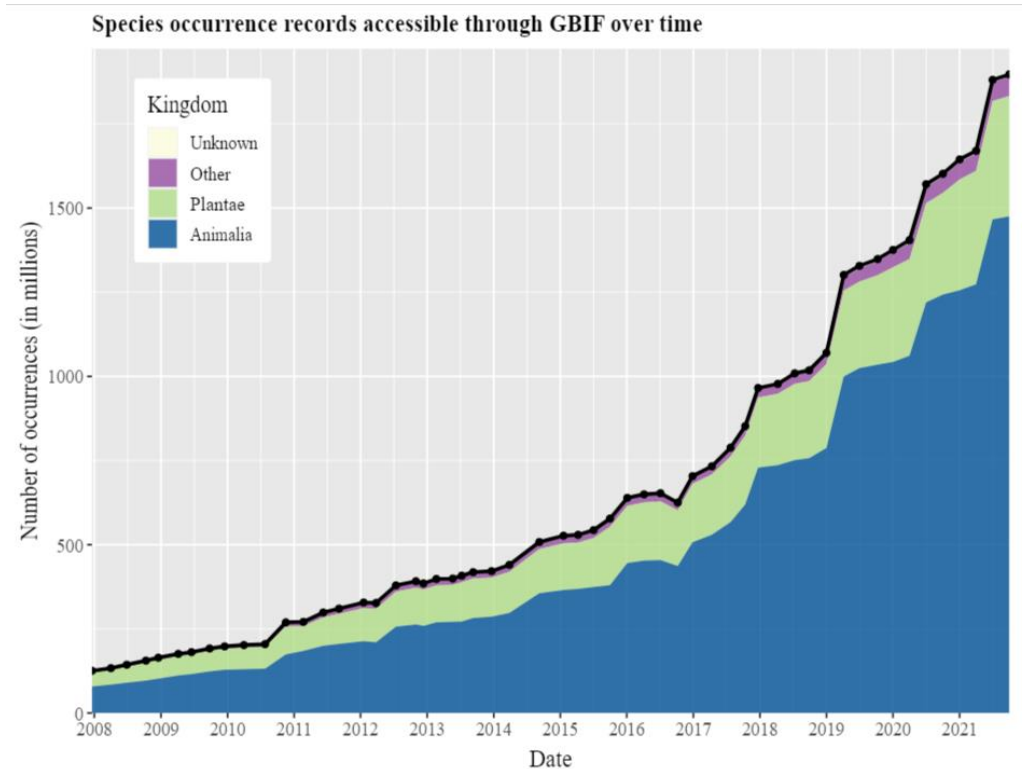
# ACCESS TO BIODIVERSITY EVIDENCE



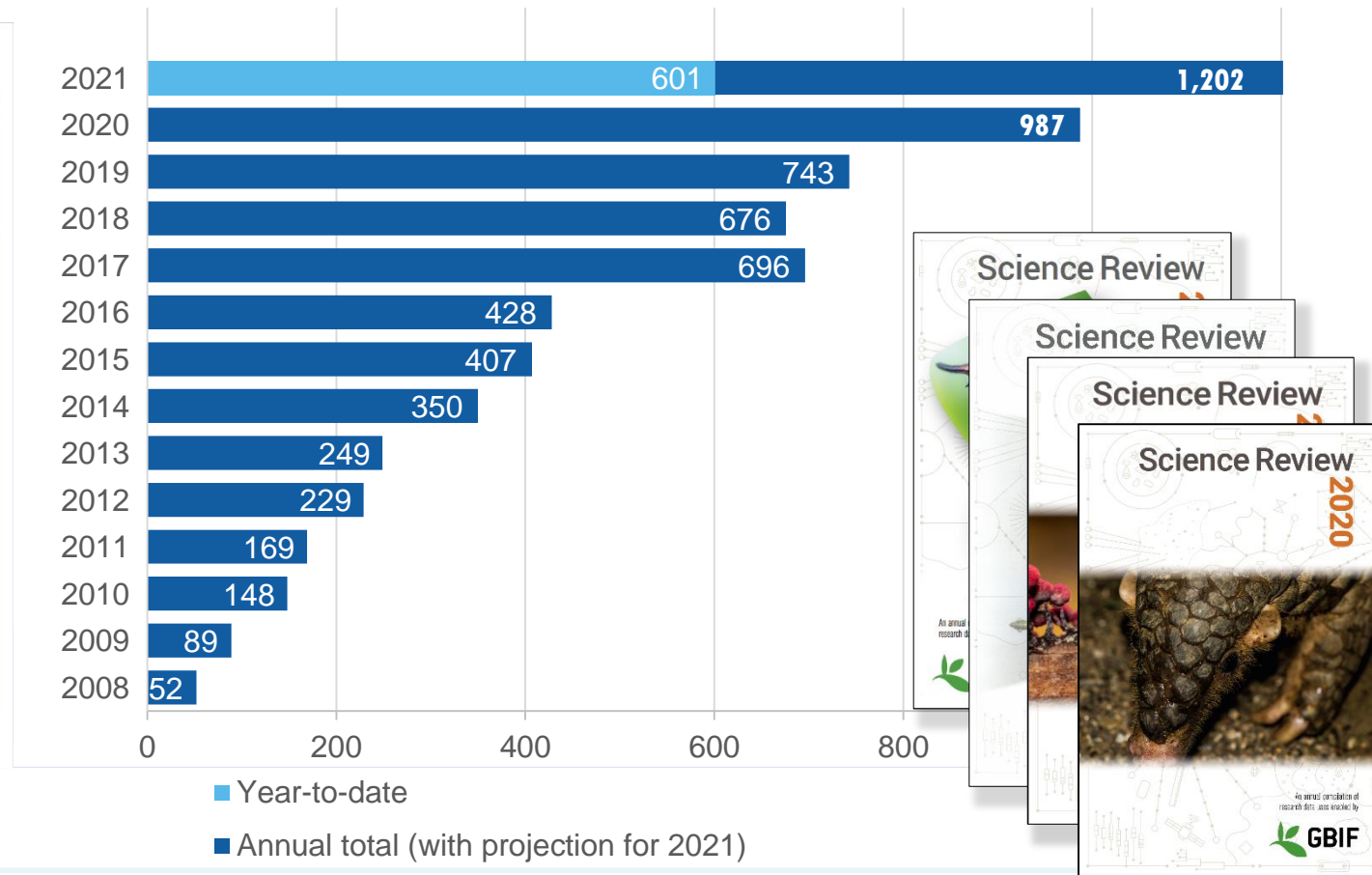
# USES OF BIODIVERSITY EVIDENCE



## Growth of data



## Growth of use



## BY THE NUMBERS | 3 DECEMBER 2021

Species occurrence records

**1,902,174,240**



Country  
Participants

**62**

Organizational  
Participants

**41**

Avg records downloaded per month (2021)



**86.6 billion**

Datasets

**63,856**



Data-publishing  
institutions

**1,763**

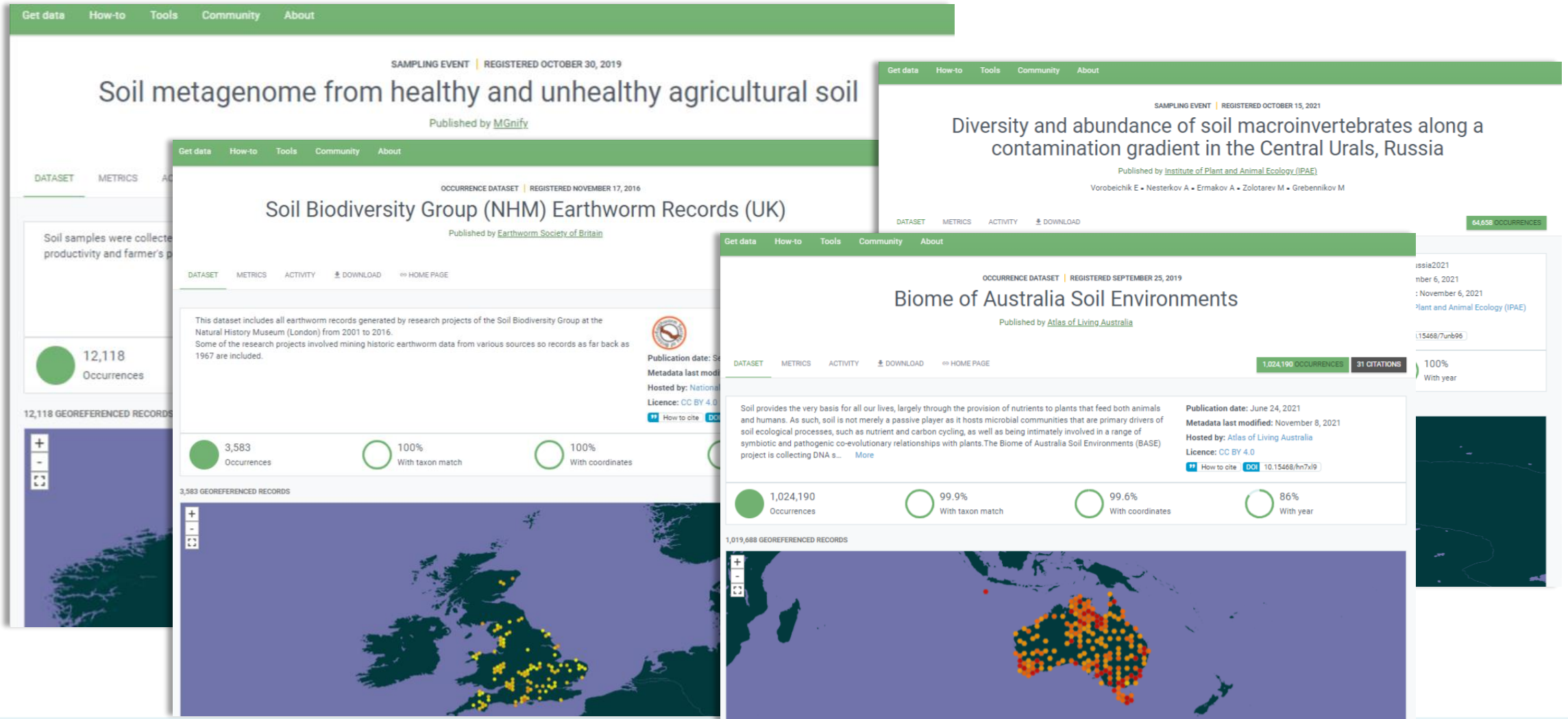
Peer-review papers  
using data

**6,473**

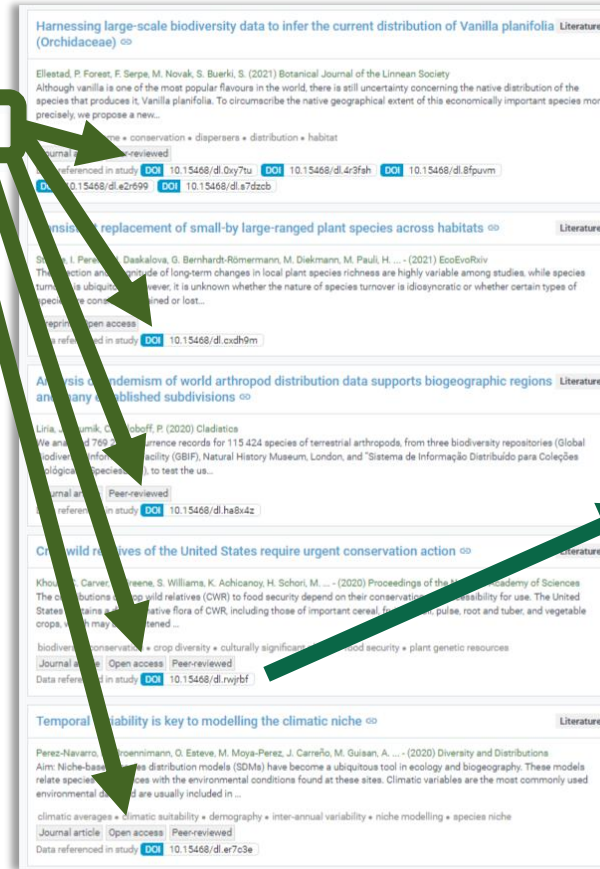




# DISCOVERY AND ACCESS: SOIL BIODIVERSITY DATASETS

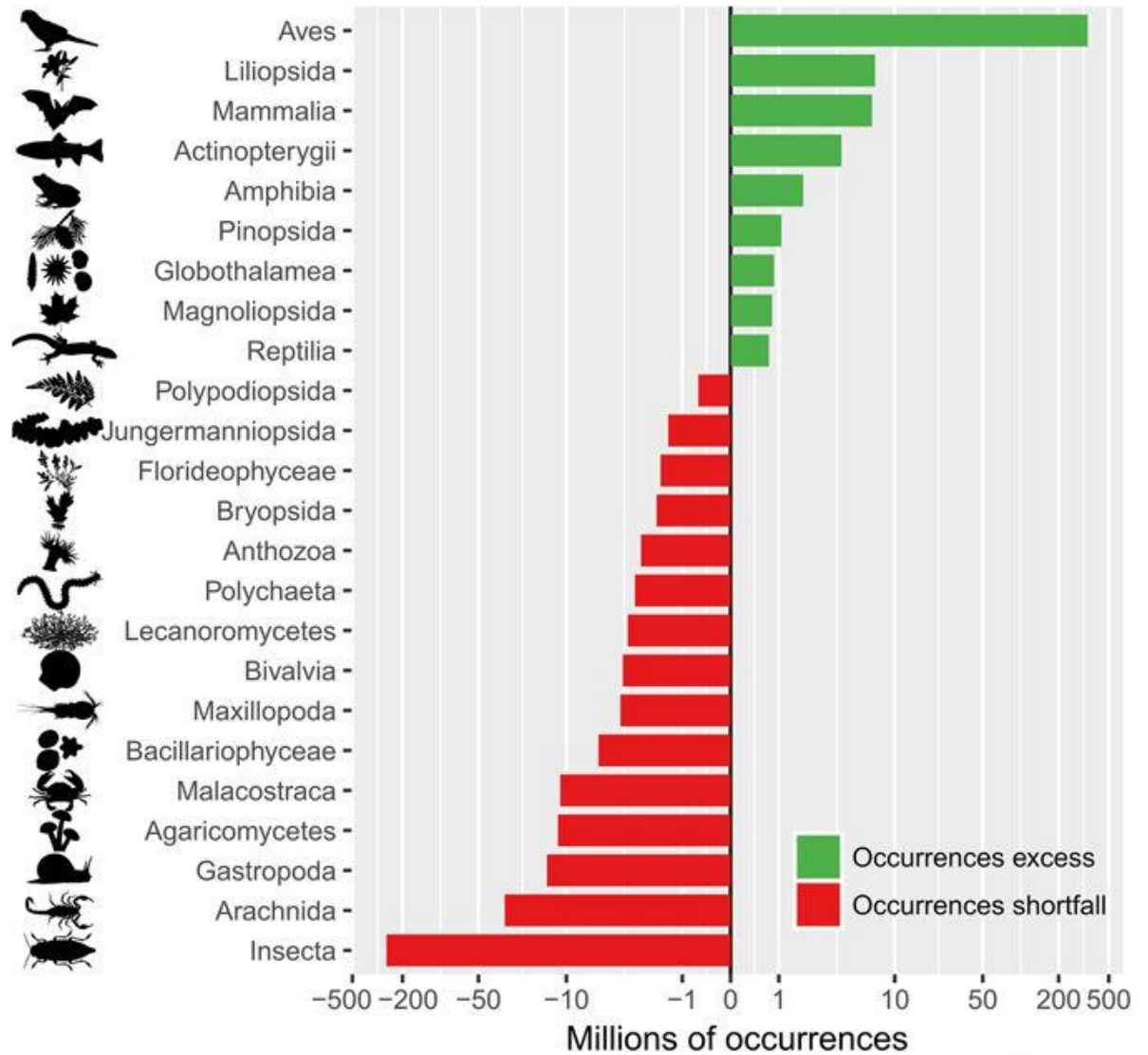
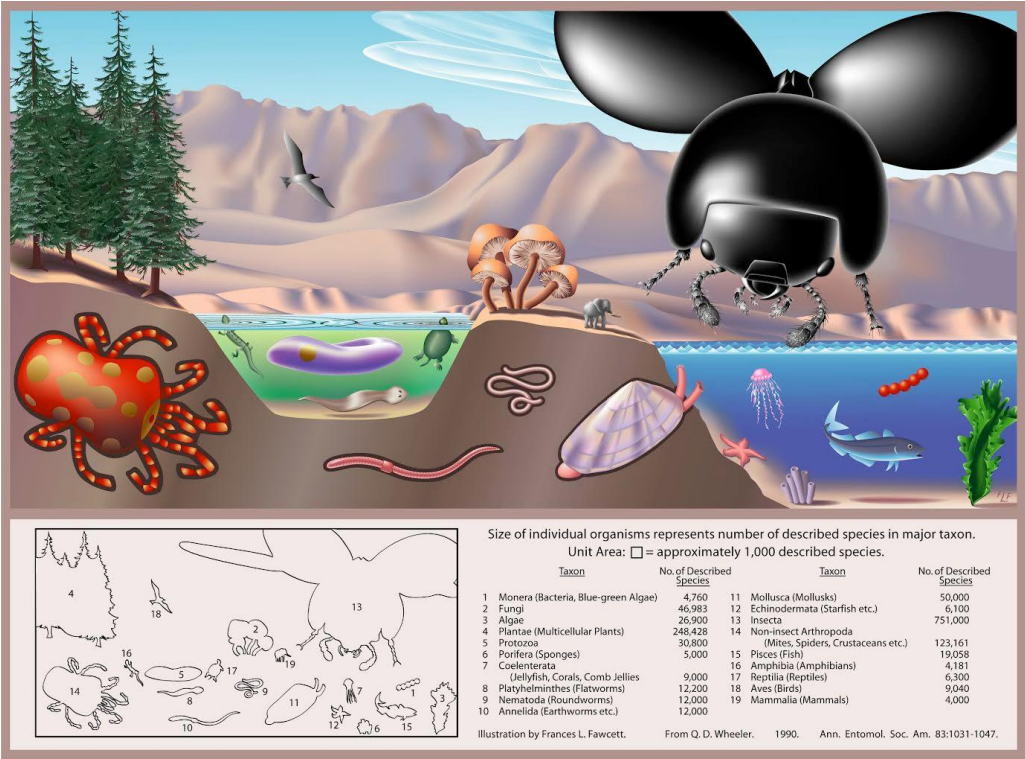


# DOI BASED DATA CITATION AT GBIF.ORG



# GLOBAL BIODIVERSITY VS. DIGITALLY AVAILABLE DATA

Image: FL Fawcett in Wheller Ann. Entomol. Soc. Am. 1990



Trout et al. Nature Scientific Reports 2017

<https://doi.org/10.1038/s41598-017-09084-6>





# Data mobilization activities under way...



## ... to unlock existing soil biodiversity data



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