

Plan estratégico de GBIF,(y otras iniciativas): implementación e implicaciones en GBIF España

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Jornada GBIF.ES 2023:

Real Jardín Botánico – CSIC.

Madrid, 18 de abril de 2023

Gbif.es



GBIF



Sumario

- El marco estratégico de GBIF
- Infraestructuras científicas europeas
- El marco nacional
- Hacia un plan estratégico de GBIF.ES
- Discusión

2023 – 2027

GBIF Strategic Framework



Priority Area 1: Building the evidence to advance scientific research and understanding of global biodiversity -- Science & Research

- Reduce knowledge gaps, diversify the uptake and application of GBIF-mediated data, Support biodiversity research, meaningful citations and measurements, improve best practices for data in academia and higher education.

Priority Area 2: Supporting policy responses and knowledge transfer that address urgent societal challenges around planetary change-- Policy & partnerships

- High-impact programmes (biodiversity loss, climate change, food security and human health, etc.), support application of data in policy-relevant information tools, use GBIF data for policy indicators, policy and decision-makers(e.g. UN agencies and science-policy platforms, engage with a wider range of stakeholder



Priority Area 3: Enabling the network to meet future needs and challenges

-- Community & capacity

a strong and stable foundation for nodes, strengthening engagement of existing voting participants, increase meaningful participation, foster greater openness and transparency, Leverage and diversify funding

Priority Area 4: Driving innovation to advance biodiversity-related knowledge

Sustain and improve a robust, environmentally responsible technical infrastructure, Improve data quality, by ensuring rapid, efficient identification and resolution of errors and issues, Strive toward operating a real-time biodiversity monitoring infrastructure, o drive the coordination and advancement of the global biodiversity informatics community.

<https://doi.org/10.35035/doc-0kkq-0t82>

Marco estratégico de los nodos (Nodes Strategy 2023)

The strategic objectives

1. Engage research communities for data mobilization and use
academic training, identify data gaps, data needs, and challenges, focus on thematic communities
2. Support national biodiversity commitments and the science-policy interface
supporting commitments under the Convention on Biological Diversity (CBD), building linkages with IPBES
3. Promote open biodiversity data approaches within the business and finance sectors
4. Develop capacity within regional communities of practice
collaboration with other nodes,
5. Strengthen support services for collections communities
6. Contribute to data model enhancements (new GBIF data model)

<https://www.gbif.org/composition/7AZMWZtLvrnfYbFpUdF83I/diversifying-the-gbif-data-model>

Infraestructuras científicas en Europa (y más allá)

ESFRI

European Strategy Forum on Research Infrastructures

<https://www.esfri.eu/environment>

DiSSCo (Project)

Distributed System of Scientific Collections

Data-intensive frontier research through unified access to European natural science collections

eLTER (Project)

Long-Term Ecosystem Research in Europe

Integrated cross-scale and cross-disciplinary approach for the analysis of ecosystems and biodiversity

LifeWatch ERIC (Landmark)

e-Infrastructure for Biodiversity and Ecosystem Research

A distributed e-Infrastructure to support research and sustainability of biodiversity and ecosystems

[ACTRIS](#) (Project), [EISCAT 3D](#) (Landmark), [EMSO ERIC](#) (Landmark), [ICOS ERIC](#) (Landmark),...

el servicio
son los
datos

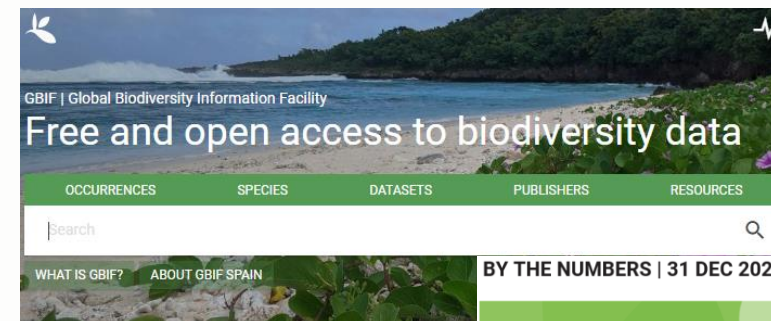
 **BHL**
Biodiversity Heritage Library

164,468 titles
267,563 volumes
59,286,144 pages

<https://www.biodiversitylibrary.org/>



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



BY THE NUMBERS | 31 DEC 2022

Species occurrence records

2,269,722,863

Country Participants

66

Organizational Participants

43



Avg records downloaded/month (2022)

119.7 billion

Datasets

80,349



Data-publishing institutions

1,950



Peer-review papers using data

8,090

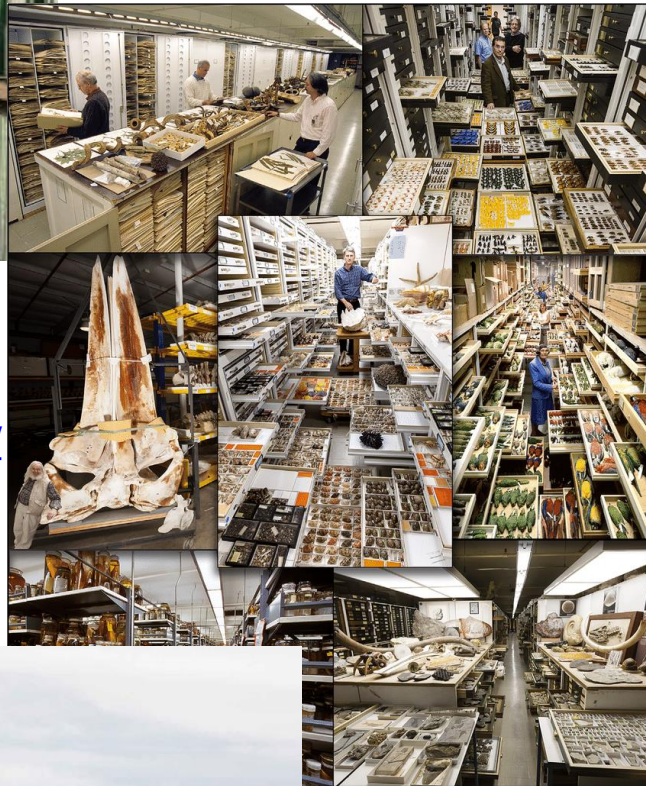


Infraestructuras científicas en España

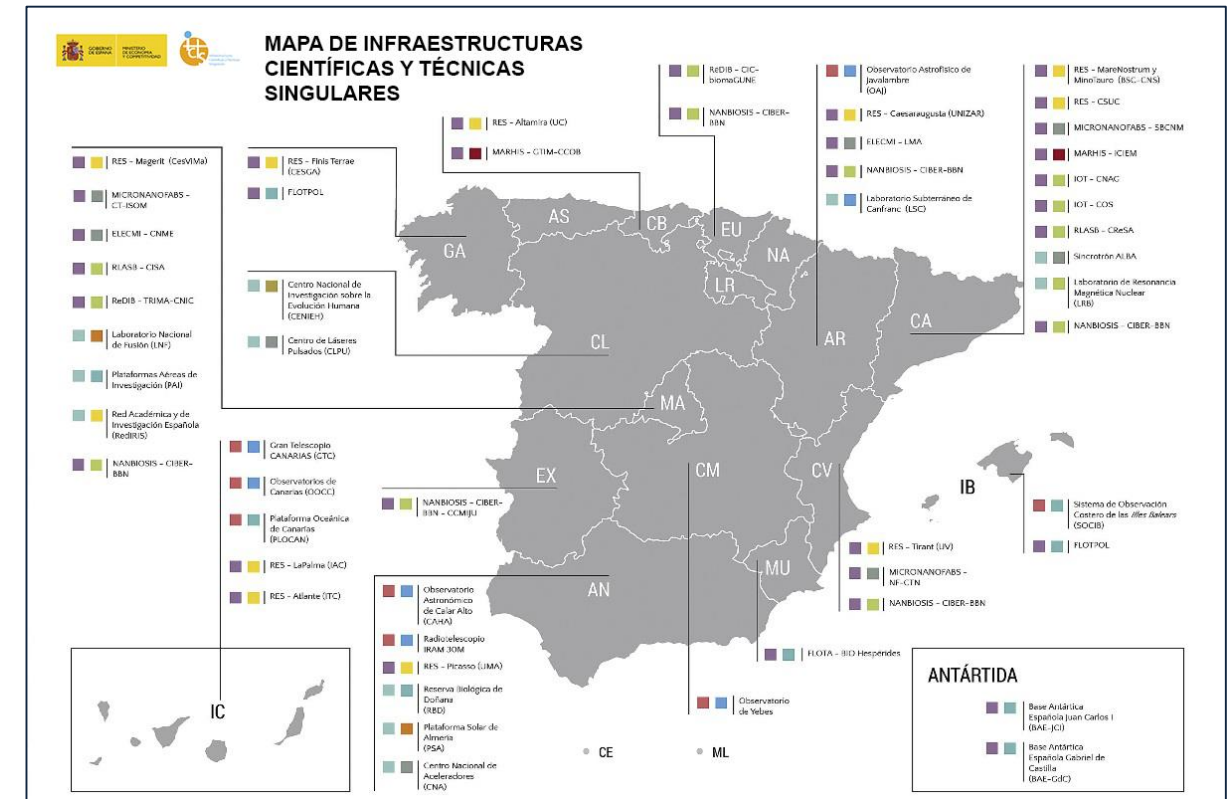


<https://bibdigital.rjb.csic.es/>

<https://naturalhistory.si.edu/>
Photo Services; assembled
by A. Tangerini (US)



<http://www.utm.csic.es/>



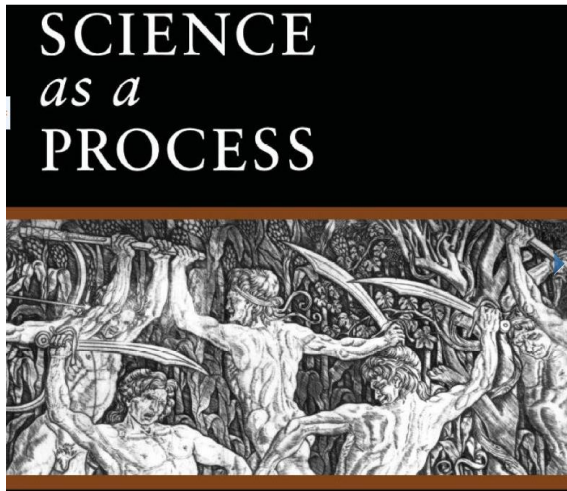
- Bases Antárticas Españolas (BAEs)
- Flota Ocenográfica Española
- Infraestructura para el cultivo del Atún rojo (ICAR)
- Plataforma Oceánica de Canarias (PLOCAN)
- Reserva Biológica de Doñana (RBD)
- Sistema de Observación Costero de las Illes Balears (SOCIB)

“infraestructuras necesarias para facilitar el acceso de los científicos a entornos naturales que presentan características únicas para la investigación”

<https://www.ciencia.gob.es/portal/site/MICINN/ICTS>

GBIF, y de aquí a la discusión

*"What is the relative importance in science of **reason, and evidence** on the one hand, and **power, prestige, and influence** on the other"*



Hull, D. L. 1988. Science as a Process. An Evolutionary Account of the Social and Conceptual Development of Science. The University of Chicago Press, Chicago and London, 586 pp.

- GBIF es algo que ya existe frente a nuevas iniciativas
- La cultura de silos es ubicua
- Las mejores soluciones, las de la de la razón y el bien común pasan un enfoque global y compartido, donde los actores se complementen, las duplicidades se eviten y se responda de manear coordinada a las distintas oportunidades y requerimientos

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<https://www.gbif.es/>, <https://datos.gbif.es>, <https://elearning.gbif.es>



<https://rilskimanastir.org/en/>