

GBIF's global data coverage 2009



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...free and open access to biodiversity data

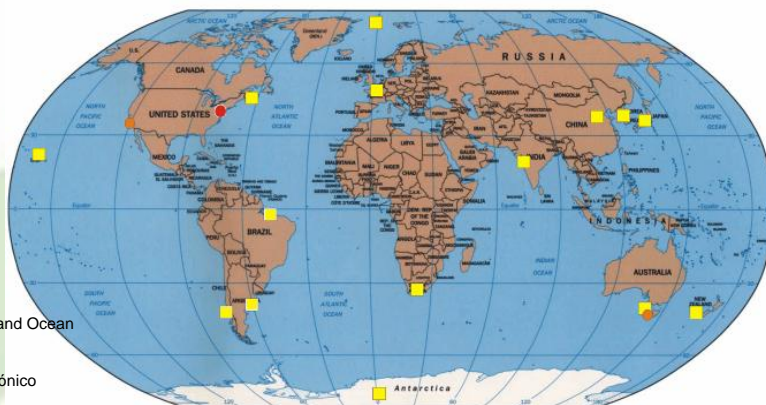
THE REGIONAL OCEAN BIOGEOGRAPHIC INFORMATION SYSTEM NODE (RON) NETWORK

Location of the 15 Regional OBIS Nodes

- **Antarctica:** managed by Bruno Danis, hosted by Belgian Biodiversity Platform, Belgium
- **Arctic:** managed by Russ Hopcroft, hosted by The School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, USA
- **Argentina:** managed by Mirtha Lewis, hosted by Centro Nacional Patagónico (CENPAT) CONICET Argentina
- **Australia:** managed by Tony Rees, Commonwealth Scientific and Industrial Research Organization (CSIRO)
- **Canada:** managed by Tana Worcester, hosted by Centre of Marine Biodiversity, Bedford Institute of Oceanography
- **China:** managed by Xiaoxia Sun, hosted by Institute of Oceanology, Qingdao
- **Europe:** managed by Ward Appeltans, hosted by Vlaams Instituut voor de Zee (VLIZ), Belgium on behalf of the EU Network of Excellence 'Marine Biodiversity and Ecosystem Functioning (MarBEF)
- **Indian Ocean:** managed by Baba Ingole, hosted by National Chemical Laboratory, National Institute of Oceanography India
- **Japan:** managed by Katsunori Fujikura, Marine Biodiversity Program, Japan Agency for Marine-Earth Science and Technology
- **Korea:** managed by Youn-Ho Lee, Korea Ocean Research & Development Institute
- **South-West Pacific:** managed by Don Robertson, National Institute of Water & Atmospheric Research, New Zealand
- **Sub-Saharan Africa:** managed by Marten Grundlingh, hosted by Southern African Data Centre for Oceanography, South Africa
- **Tropical and Subtropical Eastern South Pacific:** managed by Ruben Escribano, hosted by FONDAP COPAS, Chile
- **Tropical and Subtropical Western South Atlantic:** managed by Fábio L. da Silveira and Rubens M. Lopes, University of São Paulo, Brazil
- **USA:** managed by Mark Fornwall, hosted by National Biological Information Infrastructure (NBII), Pacific Basin Information Node (PBIN)
- Regional nodes are closer to the providers of the data ensuring
 - Local visibility for global OBIS data
 - Mobilise data from region
 - Technical assistance, also with standardisation
 - Specialised information products and services.

• OBIS Portal has made available some 18.5 million records of 105000 species from 633 databases. OBIS RONS have contributed to half of this records and independent from the results of the various field projects of Census of Marine Life .

- Data available on the regional network are also available on the global network to
 - Increase global visibility for local data and data providers and
 - Data sharing.



- Global Portal and Secretariat
- Regional Node
- Planned Mirror Site

The purpose of the RONS is to create a network in partnership with the International OBIS Portal to promote the sharing and use of the world's marine biodiversity data.

The purpose of this network is to create and support an information system that:

- links databases created and individually maintained by the International Portal and RONS;
- covers data from all marine environments in world-wide scale;
- set standards based and interoperable with other regional, national, and international information systems;
- is publicly accessible via the web by individuals throughout the world;
- develops web-based, visualization, analysis, modeling, and other information technologies needed for the seamless exchange and use of distributed and aggregated data;
- maintains the integrity and long-term viability of OBIS published data.

GBIF makes digital biodiversity data openly and freely available on the Internet for everyone, and endorses both open source software and open data access.
<http://www.gbif.org>

GBIF provides scientific biodiversity data for decision-making, research endeavours and public use.
<http://data.gbif.org>

GBIF is a network of data publishers who retain ownership and control of the data they share. Linked datasets provide a more robust representation of biodiversity than any single dataset.

GBIF provides access to primary biodiversity data held in institutions in developed and developing countries. Data shared through GBIF are repatriated data.

GBIF is a dynamic, growing partnership of countries, organisations, institutions and individuals working together mobilise scientific biodiversity data.

GBIF invites you to download species occurrence data freely and openly from <http://data.gbif.org>

GBIF invites you to join the GBIF network and share your biodiversity data, as well as participate in developing new tools and services.

