

The Antarctic Marine Biodiversity Information Network

SCAR-MaBIN



Background

Southern Ocean biodiversity data is abundant, but :

- Widely scattered
- Patchy,
- Poorly accessible
- Sometimes vanishing

Context

Rio Convention does not directly apply to the Antarctic

The «Clearing House Mechanism» (biodiversity information) to be initiated within Antarctic Treaty System



The Needs and Objectives

Compile, link integrate and disseminate Antarctic Marine Biodiversity Information

Coordinate SCAR contribution to global biodiversity initiatives (GBIF, OBIS, ...)

Give feedback to Antarctic Treaty System requests

Contribute to assess Southern Ocean's biodiversity

Project

Establish within SCAR (ICSU) an Antarctic Marine Biodiversity Information Network

System of Interoperable Databases

Access through a single Portal, including facilities and services

Information component of SCAR-CaML (SCAR-Census of Antarctic Marine Life project)

Potential Antarctic Node for OBIS



Content of the Portal

Species Taxonomic and Biogeographic Databases

- Taxonomy
- Identification tools
- Distribution, biogeography
- Ecology (species & community levels)
- GIS: marine gazetteers, stations lists
- Bibliographical references
- Experts directory

Habitats Databases



Acronyms

GBIF= Global Biodiversity Information Facility

ICSU= International Council for Science

OBIS= Ocean Biogeographic System

SCAR= Scientific Committee on Antarctic Research

Main Partners

SCAR, OBIS, Belgium, UK (British Antarctic Survey Australia (Australian Antarctic Division))

Contact Information

claude.debroyer@naturalsciences.be

bruno.danis@naturalsciences.be