



LINKING, INTEGRATING, DISSEMINATING ANTARCTIC MARINE BIODIVERSITY INFORMATION



SCAR - Marine Biodiversity Information Network

www.scarmarbin.be

Antarctic Marine Biodiversity Information accessible on a single Webportal.

SCAR-MarBIN establishes and supports a distributed system of interoperable databases, forming the Antarctic Regional OBIS (Ocean Biogeographic Information System, www.iOBIS.org) Node, under the aegis of SCAR (Scientific Committee on Antarctic Research, www.SCAR.org).

SCAR-MarBIN *compiles and manages* existing and new information on Antarctic marine biodiversity by coordinating, supporting, completing and optimizing database *networking*. SCAR-MarBIN integrates these efforts, giving a *single and easy access to marine biodiversity information* for scientific, conservation and management purposes.

SCAR-MarBIN will leave a highly valuable legacy for future generations, in the form of a powerful *information tool*, which will provide a *benchmark* for assessing how Antarctic marine communities cope with *Global Change*, and the means to establish a new *Biogeography of the Southern Ocean*.

SCAR-MarBIN is the companion-project of the *Census of Antarctic Marine Life* (www.CAML.aq), which will investigate the nature, distribution and abundance of Antarctic marine biodiversity, during an unprecedented sampling effort. CAML will focus the attention of the public on the ice-bound oceans of Antarctica during the International Polar Year (www.IPY.org) in 2007/08.

SCAR-MarBIN is implemented within the *Belgian Biodiversity Platform* (www.biodiversity.be). SCAR-MarBIN is

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Now Online:

- Distribution data, mapping tools
- Register of Antarctic Marine Species
- Integrated Maritime Gazetteer
- Integrated Literature database
- Links, incl. to GenBank
- Thematic Picture Galleries
- Services, Support & Outreach

