



AntaBIF.BE
BIODIVERSITY.AQ

AntaBIF.be -

data publication report

Bruno Danis and Anton Vandeputte - July 2011

draft v0.1

Table of Contents

Background	2
Data publication	3
Published datasets and Data usage	3
SCAR-MarBIN in scientific publications	10
Scientific publications using SCAR-MarBIN and/or ANTABIF	10
Other types of publications mentioning SCAR-MarBIN	14

Background

The AntaBIF (Antarctic Biodiversity Information Facility), funded by the Belgian Science Policy Office (www.belspo.be), is building a dedicated Antarctic biodiversity data portal giving access to a distributed network of contributing database, according to the principles of the Global Biodiversity Information Facility (www.gbif.org), in the framework of the International Year of Biodiversity 2010.

This document is an *evaluation* on the data publication and potential usage of AntaBIF information in Antarctic biodiversity research and conservation issues. As the AntaBIF data portal is still under development, the focus is on the usage which is made of the data available through SCAR-MarBIN. A similar report will be produced at the end of the AntaBIF initial period.

This report goes through a listing of datasets already available from the SCAR-MarBIN data portal, reviews scientific and other types of publications based upon or mentioning the SCAR-MarBIN network. It can be used as a comparison point for future data reports.

This document will be sent in priority to the members of the AntaBIF [ISC](#), and will be posted in the [shared repository](#).

Data publication

Published datasets and Data usage

A total of 196 metadata records are available from the SCAR-MarBIN webportal. These records will be synchronised and made available through the ANTABIF data portal in addition to new datasets and those pertaining to the terrestrial and limnetic realms.

The “details” hyperlink points to the relevant metadata description page on the SCAR-MarBIN webportal. The (total) number of downloads is also displayed for the datasets having georeferenced records (metrics as of June 2011).

Name of the dataset	Type of dataset	Origin of dataset	Downloads
Changes in King Penguin numbers at Gadget Gully, Macquarie Island, details	Occurrence	Australia	
A Biotic Database of Indo-Pacific Marine Mollusks, details	Occurrence	United Kingdom	3333
A census of penguin colony counts (provided to OBIS) from the year 1900 to 1996 in the Antarctic Region, details	Occurrence	Australia	
A dataset of Antarctic and sub-Antarctic invertebrates, details	Occurrence	Australia	6677
A GIS dataset of bird nests mapped in the Windmill Islands during the 2002-2003 season, details	Occurrence	Australia	55054
Admiralty Bay Benthos Diversity Data Base (ABBED). Amphipoda (1994)., details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Amphipoda (1997)., details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Cumacea., details	Occurrence	Poland	2569
Admiralty Bay Benthos Diversity Data Base (ABBED). Gastropoda (1994)., details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Gastropoda (1997)., details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Ophiuroidea., details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Polychaeta. 1979-80, details	Occurrence	Poland	11037
Admiralty Bay Benthos Diversity Data Base (ABBED). Polychaeta. 1984-86, details	Occurrence	Poland	
Admiralty Bay Benthos Diversity Data Base (ABBED). Pycnogonida., details	Occurrence	Poland	268
Admiralty Bay Benthos Diversity Data Base (ABBED). Tanaidacea., details	Occurrence	Poland	1399

Name of the dataset	Type of dataset	Origin of dataset	Downloads
Amphipoda Antarctic checklist, details	Checklist	Belgium	
Amphipoda Hyperidea of the Southern Ocean: catalogue and occurrences, details	Occurrence	Belgium	38198
An atlas of Southern Ocean planctonic ostracods, details	Occurrence	United Kingdom	
ANDEEP I - EBS, details	Occurrence	Germany	
ANDEEP II - EBS, details	Occurrence	Germany	
ANDEEP III - EBS, details	Occurrence	Germany	
ANDEEP SYSTCO - EBS, details	Occurrence	Germany	
ANDEEP-1: Antarctic deep-sea meiofauna, details	Occurrence	Germany	
ANDEEP3: SeaStars (Echinodermata, Asteroidea), details	Occurrence	Belgium	9097
Antarctic Amphipod Crustaceans: Ant'Phipoda Database (BIANZO), details	Occurrence	Belgium	1918683
Antarctic Amphipoda, details	Occurrence	Belgium	2376
Antarctic and Subantarctic Asteroid zoogeography, details	Occurrence	Belgium	205455
Antarctic and sub-Antarctic Lophogastrida occurrences, details	Occurrence	Russia	
Antarctic Arrow worms, details	Barcoding	United Kingdom	
Antarctic Deep Sea (ANDEEP): Isopods occurrence (Isopoda, Crustacea), details	Occurrence	Germany	6240
Antarctic Echinoids: an interactive database, details	Occurrence	France	791663
Antarctic Euphausiacea occurrence data from Norwegian Antarctic Research Expedition 1976-77, details	Occurrence	Norway	2922
Antarctic Euphausiacea occurrence data from Polish FIBEX expeditions, details	Occurrence	Poland	10769
Antarctic Euphausiacea occurrence data from ITALICA 2000 Expedition, details	Occurrence	Italy	8058
Antarctic Euphausiacea occurrence data from Norwegian Antarctic Research Expedition 1979, details	Occurrence	Norway	3466
Antarctic fish Gobionotothen gibberifrons, details	Barcoding	United Kingdom	7452
Antarctic Foraminiferans, details	Barcoding	United Kingdom	2823
Antarctic Fur Seal Populations on Heard Island Summer 1987-1988, details	Occurrence	Australia	126383
Antarctic Gelatinous Predator Database (ANGELbase): Pagès F. & Bouillon J. 1997 dataset, details	Occurrence	Japan	
Antarctic Gelatinous Predator Database (ANGELbase): Pagès F. & Kurbjeweit F. 1994 dataset., details	Occurrence	Japan	
Antarctic Isopods, details	Occurrence	United Kingdom	1809
Antarctic Jellyfish, details	Occurrence	Japan	29041
Antarctic Krill Euphausia superba, details	Occurrence	Germany	2110
Antarctic Krill occurrence data from Australian expeditions, details	Occurrence	Australia	41072
Antarctic Krill occurrence data from BAS expeditions, details	Occurrence	United Kingdom	62664
Antarctic Krill occurrence data from Discovery expeditions, details	Occurrence	United Kingdom	129216
Antarctic Krill occurrence data from Japanese expeditions, details	Occurrence	Japan	3700
Antarctic Krill occurrence data from Spanish RV "Fruela", details	Occurrence	Spain	4595

Name of the dataset	Type of dataset	Origin of dataset	Downloads
Antarctic Krill occurrence data from Ukraine YUGNIRO Institute, details	Occurrence	Ukraine	120025
Antarctic Krill occurrence data from US AMLR "US Antarctic Marine Living Resources" Program, details	Occurrence	United States	248109
Antarctic Marine Amoebae, details	Barcoding	United Kingdom	
Antarctic Marine Bacteria from Denmark University, details	Occurrence	Denmark	
Antarctic Marine Species Sequence Data, details	Barcoding	United Kingdom	14281
Antarctic Nemertea, details	Barcoding	United Kingdom	³¹⁸
Antarctic Parborlasia corrugatus, details	Barcoding	United Kingdom	2286
Antarctic pycnogonids, details	Occurrence	Australia	10364
Antarctic Pycnogonids II, details	Occurrence	Australia	4239
Antarctic Rhodophyta, details	Checklist	United Kingdom	
ANTAVIA-DiveKing, details	Tracking	France	
ANTAVIA-TrackingKing, details	Tracking	France	180000
AntOBIS: Antarctic Ocean Biogeographic Information System, details	Occurrence	Belgium	
Ant'Phipoda Database (New records), details	Occurrence	Belgium	26821
ANTXXIII8TP: ANTXXIII-8 Birds and Mammals, details	Occurrence	Belgium	47800
APIS: Antarctic Pack Ice Seals 1994-1999, plus historical data from the 1980's, details	Occurrence	Australia	294664
Argos PTT Tracking Database, details	Tracking	Australia	3726681
Asteroids from French subantarctic islands: records from the Marion Dufresne MD03 expeditions, details	Occurrence	Belgium	78950
Atlas of cephalopod distribution in the Southern Ocean, details	Occurrence	United Kingdom	
Australian Antarctic Territory bird banding records [AAT_ABBBS], details	Tracking	Australia	220698
Bacteria and chlorophyll-a water column observations (surface to ~150m), April-August 2001, Continental Margin Western Antarctic Peninsula, GLOBEC, details	Occurrence	United States	8990
Bacteria from Penguin Guano, Antarctica, details	Barcoding	United Kingdom	910
BASWAP - EBS, details	Occurrence	United Kingdom	
BENDEX - EBS, details	Occurrence	United Kingdom	
Biocean, details	Occurrence	France	33993
Biogeographic distribution of Antarctic and sub-Antarctic Cumacea, details	Occurrence	Germany	11734
Biogeographic distribution of Antarctic and sub-Antarctic Mysida, details	Occurrence	Russia	1341
Biogeographic distribution of the Antarctic and Sub-Antarctic brachiopods (living forms), details	Occurrence	France	41030
Biological Investigations of Marine Antarctic Systems and Stocks (BIOMASS) Bird Observations, details	Occurrence	United Kingdom	
Biopearl expedition: SeaStars (Echinodermata, Asteroidea), details	Occurrence	United Kingdom	4154
BIOPEARL I - EBS, details	Occurrence	United Kingdom	

Name of the dataset	Type of dataset	Origin of dataset	Downloads
BIOPEARL II - EBS, details	Occurrence	United Kingdom	
BIOPEARL II, CAML Cruise, details	Occurrence	United Kingdom	
British Antarctic Survey Argos satellite tracking data, details	Tracking	United Kingdom	418065
CCAMLR historic KRILL, details	Occurrence	CCAMLR	4845556
CephBase, details	Occurrence	United States	
Cetacean Sightings Survey and Southern Ocean cetacean program, details	Occurrence	Australia	146739
Check list of Antarctic and Subantarctic Acanthocephala, details	Checklist	Poland	
Check list of Antarctic and Subantarctic Aplacophora, details	Checklist	Italy	
Check list of Antarctic and Subantarctic Crinoidea, details	Checklist	France	
Check list of Antarctic and Subantarctic Digenea, details	Checklist	Belgium	
Check list of Antarctic and Subantarctic Halacaridae, details	Checklist	Germany	
Checklist of Antarctic and Subantarctic Cephalopoda, details	Checklist	Germany	
Checklist of Antarctic and Subantarctic Hyperiidea, details	Checklist	Belgium	
Checklist of Antarctic and Subantarctic seaweeds, details	Checklist	Germany	
Checklist of Antarctic oligochaetes, details	Checklist	Belgium	
Checklist of the antarctic and subantarctic Isopoda by Angelika Brandt, details	Checklist	Germany	
Check-list of the antarctic and sub-antarctic sea spiders (Pycnogonida), details	Checklist	Spain	
ChEssBase, details	Occurrence	United States	93
Cnidaria Antarctic checklist, details	Checklist	Belgium	
Collections data on ecology of bottom animal of the Southern ocean, details	Occurrence	Russia	440745
Craig Smith UHM FOODBANCS 1 Megafauna data, details	Occurrence	United States	
Craig Smith UHM NHM FOODBANCS 1 Macrofaunal Polychaete data, details	Occurrence	United States	
Craig Smith UHM USP FOODBANCS 1 Macrofauna data, details	Occurrence	United States	
De Broyer A. & Lafontaine R.M., CAML Top predators census onboard Ivan Papanin, Dec 2007, details	Occurrence	Belgium	
Diatoms from SAZ Sediment traps, details	Occurrence	Australia	
Discovery Investigations Biological Database, details	Occurrence	United Kingdom	
Distribution of Patagonian seastars, details	Occurrence	Belgium	
EASIZ II - EBS, details	Occurrence	United Kingdom	
EASIZ III - EBS, details	Occurrence	United Kingdom	
Echinoid Antarctic database, details	Occurrence	France	
Electron Microscope Database, details	Occurrence	Australia	
Elephant Seal Sightings, Heard Island (1949 to 1960), details	Occurrence	Australia	94212
Elephant Seal Sightings, Macquarie Island, details	Occurrence	Australia	974366
EPOS3: SeaStars (Echinodermata, Asteroidea), details	Occurrence	Belgium	49413
Fish catches from Rectangular Midwater Trawl during BROKE-West, details	Occurrence	Australia	
Fishbase Version 2000, details	Occurrence	Philippines	1055923

Name of the dataset	Type of dataset	Origin of dataset	Downloads
Fishes in the Argentine Sea from 1967 to the present time, details	Occurrence	Argentina	554
GAMLR: Antarctic Euphausiacea occurrence data from "German Antarctic Marine Living Resources" (GAMLR) Expeditions, details	Occurrence	Germany	
GICIM: Gestion Informatisée des Collections Ichtyologiques des Musées d'histoire naturelle de France, details	Occurrence	France	66327
globec/soglobec/process/krill, details	Occurrence	United States	950597
HelicopterSurveysANTXXIII/8, details	Occurrence	Netherlands	
Hexacorallians of the world, details	Occurrence	United States	180926
High Antarctic Harpacticoidea, details	Occurrence	Germany	
Historic krill - scientific data, details	Occurrence	Germany	
Hydrozoa taxonomic list for SCAR-MarBIN, details	Checklist	Spain	
Ichtyoker, details	Occurrence	France	
Icota - Pelagant, details	Occurrence	France	152443
Impacts of trawling on benthic habitats in the subantarctic and high antarctic - Benthic Invertebrate Database, details	Occurrence	Australia	190071
In situ observations of Stygiomedusa gigantea, details	Occurrence	Japan	950
IPY CAML (Tangaroa cruise)- EBS, details	Occurrence	New Zealand	
Isopoda (Crustacea, Malacostraca) of the Southern Ocean and adjacent seas, details	Occurrence	Germany	84059
Kerams, details	Occurrence	France	
Lissarca notorcadensis, details	Occurrence	United Kingdom	1472
Locations of Seals in Patagonian Large Marine Ecosystem, details	Occurrence	Argentina	
Lower Trophic Levels Database, details	Occurrence	United Kingdom	1078691
Macaroni penguins diving activity at Marion Island 2008, details	Tracking	France	
Macquarie Island fur seal database, details	Tracking	Australia	102870
Macrozooplankton concentrations estimated from MOCNESS tow samples, Continental Margin Western Antarctic Peninsula, GLOBEC, details	Occurrence	United States	116432
Marine birds and mammals of the Southern Ocean (a census for the CAML), details	Occurrence	Belgium	15692
Marine fauna survey of the Vestfold Hills and Rauer Island, 1981-82, details	Occurrence	Australia	30439
Marine Mammal: South American Research in Antarctic, details	Occurrence	Brasil	
Marine, intertidal, freshwater and terrestrial biodiversity of an isolated polar archipelago, details	Occurrence	United Kingdom	
Mitochondrial lineages in the Antarctic sea slug Doris kerguelenensis, details	Barcoding	United Kingdom	17112
MNA - Sezione di Genova - (Marine Biological Samples), details	Occurrence	Italy	81605
Museo Argentino de Ciencias Naturales (MACN), Buenos Aires: sea stars collection (Asteroidea, Echinodermata), details	Occurrence	Argentina	58155
National Museum of Natural History Invertebrate Zoology Collections, details	Occurrence	United States	2284431

Name of the dataset	Type of dataset	Origin of dataset	Downloads
National Whale and Dolphin Sightings and Strandings Database, details	Occurrence	Australia	54108
Nemertina World Checklist, details	Checklist	United Kingdom	565239
NeMys, details	Occurrence	Belgium	53266
New Porifera from the ANDEEP II and III expeditions, details	Occurrence	United Kingdom	
New records of Southern Ocean Polychaeta - results from SOAP 2010 (Southern Ocean Annelid Project), details	Occurrence	Germany	
OBIS-SEAMAP: Spatial Ecological Analysis of Megavertebrate Populations (OBIS-SEAMAP), details	Tracking	United States	211218
Onuphidae ScarMarbin list, details	Checklist		
Orca observations on Macquarie Island, details	Occurrence	Australia	7192
PANGAEA - Publishing Network for Geoscientific & Environmental Data (bio-geographic data), details	Occurrence	Germany	176946
PenguinessBook - Loggerdata, details	Tracking	France	
PenguinessBook - observdata, details	Tracking	France	
Penguins of Antarctica, details	Barcoding	United Kingdom	40
Promachocrinus kerguelensis, details	Barcoding	United Kingdom	6042
RAMS: The Register of Antarctic Marine Species, details	Checklist	Belgium	
RMT Trawl catch from 1985/86 V1 ADBEX III voyage, details	Occurrence	Australia	21678
RMT Trawl catch from the 1980/81 V5 FIBEX voyage, details	Occurrence	Australia	87499
RMT Trawl catch from the 1992/93 V6 KROCK voyage, details	Occurrence	Australia	41035
RMT Trawl catch from the 1995/96 V4 BROKE voyage, details	Occurrence	Australia	108879
Ross Sea Pycnogonids, details	Barcoding	United Kingdom	5227
Seabirds of the Southern and South Indian Ocean, details	Occurrence	Australia	7604548
SO-CPR: Southern Ocean Continuous Plankton Recorder (SO-CPR) Survey and SCAR Action Group on CPR Research, details	Occurrence	Australia	8765040
SOMBASE - Pycnogonids, details	Occurrence	United Kingdom	250172
SOMBASE/TOTAL - Bioconstructors, details	Occurrence	United Kingdom	1259538
SOMBASE: Southern Ocean Mollusc Database, details	Occurrence	United Kingdom	2194295
SO-Polylist, details	Occurrence	Germany	360062
South American Antarctic Marine Biodiversity Literature, details	Occurrence	Brasil	42440
South American Antarctic Marine Biodiversity Literature part 2, details	Occurrence	Brasil	
South Western Pacific Regional OBIS Data provider for the NIWA Marine Biodata Information System, details	Occurrence	New Zealand	2016047
Southern Ocean Cnidarian Collections, details	Occurrence	Japan	4102
Southern Ocean octopus, details	Occurrence	United Kingdom	74943
Southern Ocean oligochaete occurrence data - a literature-based compilation, details	Occurrence	Belgium	387
Southern Ocean Ostracoda (except Halocypridina), details	Occurrence	Germany	3265
SOVIET ANTARCTIC EXPEDITIONS for Zooplankton (R.V. OB March-May 1956, January-March 1957; R.V.ACADEMIC KURCHATOV, October 1971-January 1972; RV DMITRY MENDELEEV; R.V.ACADEMIC IOFFE 1992), details	Occurrence	Russia	739

Name of the dataset	Type of dataset	Origin of dataset	Downloads
Studies of Beaks and Parasites of Antarctic Cephalopods, details	Occurrence	United Kingdom	
Subantarctic Fur Seals at Heard Island, 1987/88 [Heard_Island_report_1987_1988], details	Occurrence	Australia	55
Tagged Seal Location Data from SOGLOBEC, details	Occurrence	United States	1591141
The 1987/1988 Field Season at Heard Island [Heard_Island_Report_1987_1988], details	Occurrence	Australia	
The 1992 Wintering Field Season at Heard Island [Heard_Island_Report_1992], details	Occurrence	Australia	
The dispersal of benthic marine invertebrates by kelp rafts in the Southern Ocean, details	Occurrence	Australia	
The distribution and composition of mesopelagic fish assemblages in the Southern Ocean and their relation to major water masses, details	Occurrence	Australia	17300
TMAG-Antarctic Mollusks, details	Occurrence	Germany	
Walter Herwig 1978 (FFS): SeaStars (Echinodermata, Asteroidea), details	Occurrence	Belgium	130047
Weddell Sea Glass Sponges, details	Barcoding	United Kingdom	
Weddell Sea macrozoobenthos EASIZ I, details	Occurrence	Germany	157744
Weddell Seal Census, Vestfold Hills, Antarctica, details	Occurrence	Australia	316005
Weddell Seal Sightings, Vestfold Hills, Antarctica, details	Occurrence	Australia	1167412
Whale catches in the Southern Ocean, details	Occurrence	Australia	1386296
Whale log - observations from ANARE voyages, details	Occurrence	Australia	6374
Zooplankton abundance and population structures assessed during April-September of 2001-2, Southern Ocean, GLOBEC, details	Occurrence	United States	282432
Zooplankton Abundance Based on Taxa and Life Stages or Size, details	Occurrence	United States	443988
TOTAL			51416196

SCAR-MarBIN in scientific publications

Scientific publications using SCAR-MarBIN and/or ANTABIF

The scientific publications listed below mention SCAR-MarBIN and/or make a heavy use of the information network content and/or functionalities. The list is an *indication* (and probably an underestimate) of the level of penetration of the SCAR-MarBIN Network in the scientific community, using Google Scholar as a proxy.

Total number of papers: 124

[Evolution and Biodiversity in the Antarctic-The Response of Life to Change \(EBA\): Role and legacy](#)

G di Prisco... - Oecologia Australis, 2011 - oecologiaaustralis.org

[Antarctic Marine Biodiversity-What Do We Know About the Distribution of Life in the Southern Ocean?](#)

HJ Griffiths - PloS one, 2010 - dx.plos.org

[Quantifying Antarctic marine biodiversity: The SCAR-MarBIN data portal](#)

HJ Griffiths, B Danis... - Deep Sea Research Part II: Topical ..., 2010 - Elsevier

[Geographic range shift responses to climate change by Antarctic benthos: where we should look](#)

DKA Barnes, HJ Griffiths... - Marine Ecology Progress Series, 2009 - int-res.com

[Polar science: bid for freely accessible biodiversity archive](#)

B Danis... - Nature, 2009 - nature.com

[Zooplankton Atlas of the Southern Ocean: The SCAR SO-CPR Survey \(1991-2008\)](#)

DJ McLeod, GW Hosie, JA Kitchener, KT Takahashi... - Polar Science, 2010 - Elsevier

[The Register of Antarctic Marine Species: towards a comprehensive inventory of the Southern Ocean biodiversity](#)

B Danis - The Proceedings of TDWG, 2008 - tdwg.org

[Free Database Availability, Metadata and the Internet: An Example of Two High Latitude Components of the Census of Marine Life](#)

B Bluhm, D Watts... - Spatial Complexity, Informatics, ..., 2009 - books.google.com

[Antarctic DNA barcoding: a drop in the ocean?](#)

RA Grant, HJ Griffiths, D Steinke, V Wadley... - Polar Biology - Springer

[Antarctic biology in the 21st century-Advances in, and beyond the international polar year 2007-2008'](#)

M Stoddart - Polar Science, 2010 - Elsevier

[How many species in the Southern Ocean? Towards a dynamic inventory of the Antarctic marine species](#)

C De Broyer, B Danis - Deep Sea Research Part II: Topical Studies in ..., 2010 - Elsevier

[Cephalochordata 348 cetaceans TOPP 293 see also whales: whaling chaetognaths 348](#)

C Ecosystems, B Sea, M Life, C Arctic, C Sea... - ecosystems - media.wiley.com

[Interactions between the Magellan Region and the Antarctic: Antarctic benthic deep-sea biodiversity. Extended Abstracts of the IBMANT/ANDEEP International ...](#)

S Thatje, JA Calcagno... - 2003 - vliz.be

[Sea-ice proxies in Antarctic ice cores](#)

P Convey, JAE Gibson, C Hellenbrand, DA Hodgson... - pages.unibe.ch

[Measuring ecosystem response in a rapidly changing environment: the Latitudinal Gradient Project](#)

C Howard-Williams, D Peterson... - Antarctic ..., 2006 - Cambridge Univ Press

[Data mining: making the most of polar and oceanographic information in the 21st century](#)

B Raymond - 2005 - darchive.mblwhoilibrary.org

[The importance of fish in the diet of the South Polar Skua \(< i> Stercorarius maccormicki</i>\) at the South Shetland Islands, Antarctica](#)

D Montalti, R Casaux, N Coria, G Soave... - Emu, 2009 - CSIRO

[Proceedings of the International Symposium on Polar Environment and Climate. The Challenges: European research in the context of the International Polar Year, ...](#)

D Cardinal... - Climate Change and Natural Hazards Series, 2007 - vliz.be

[Estimating the biodiversity of the East Antarctic shelf and oceanic zone for ecoregionalisation: Example of the ichthyofauna of the CEAMARC \(Collaborative East ...](#)

P Koubbi, C Ozouf-Costaz, A Goarant, M Moteki... - Polar Science, 2010 - Elsevier

[ANTARCTIC~ SOUTH AMERICAN INTERACTIONS IN THE MARINE ENVIRONMENT: A COMARGE AND CAML EFFORT THROUGH THE SOUTH AMERICAN ...](#)

L de Siqueira Campos, M Bassoi, C Nakayama... - oecologiaaustralis.org

[ANTARCTIC~ SOUTH AMERICAN INTERACTIONS IN THE MARINE ENVIRONMENT: A COMARGE AND CAML EFFORT THROUGH THE SOUTH AMERICAN ...](#)

LS Campos, M Bassoi, C Nakayama... - Oecologia ..., 2011 - oecologiaaustralis.org

[Protecting marine biodiversity in polar areas beyond national jurisdiction](#)

R Rayfuse - Review of European Community & International ..., 2008 - Wiley Online Library

[Do we need EcoBank? The ecology of data-sharing](#)

SA Queenborough, IR Cooke... - Bulletin of the British ..., 2010 - simonqueenborough.com

[South American and Antarctic Interactions in the Marine Environment-Biological Relationships, General Relevance and Research Perspective](#)

J Gutt... - Oecologia Australis, 2011 - oecologiaaustralis.org

Royal Belgian Institute of Natural Sciences

[Barcoding Antarctic Biodiversity: current status and the CAML initiative, a case study of marine invertebrates](#)

RA Grant... - Polar biology, 2009 - Springer

[A History of SCAR, 2004-2010](#)

C Summerhayes - scar.org

[Marine Life in the Antarctic](#)

J Gutt, G Hosie... - Life in the World's Oceans: ..., 2010 - books.google.com

[Echinoderms as Clues to Antarctic~ South American Connectivity](#)

CAM Barboza, RB Moura, AM Lanna... - Oecologia ..., 2011 - oecologiaaustralis.org

[Automatic Monitoring of Penguin PoPulation \(AMPPoP\): Circumpolar monitoring of the biology of key-species in relation to environmental changes](#)

Y Ropert-Coudert, D Ainley, G Ballard, A Kato... - amppop.org

[A GLOBAL CONTINUOUS PLANKTON RECORDER PROGRAMME](#)

CR Philip, U Bathmann, SD Batten, RE Brainard... - abstracts.congrex.com

[Antarctic marine biodiversity challenged by global change: the CAML/SCAR-MarBIN benchmark](#)

B Danis, A Brandt, J Gutt, P Koubbi... - Climate Change and ..., 2007 - vliz.be

[Towards a SCAR" Marine Biodiversity Information Network"\(SCAR-MarBIN\)](#)

B Danis, A Meerhaeghe... - 2003 - vliz.be

[Antarctic Paleobiology: Glacial refugia and constraints on past ice-sheet reconstructions](#)

L Newman, P Convey, JAE Gibson... - PAGES (Past Global ..., 2009 - pages.unibe.ch

[Is there a distinct continental slope fauna in the Antarctic?](#)

S Kaiser, HJ Griffiths, DKA Barnes... - Deep Sea Research ..., 2010 - Elsevier

[White Paper proposal: OceanObs 09 A global Continuous Plankton Recorder programme](#)

J Sanae Chiba, JA Conversi, R Dickson, UK Cefas... - abstracts.congrex.com

[An introduction to EASIZ \(Ecology of the Antarctic Sea Ice Zone\): An integrated programme of water column, benthos and benthic-pelagic coupling in the coastal ...](#)

A Clarke... - Deep Sea Research Part II: Topical Studies in ..., 2006 - Elsevier

[Biodiversity of an unknown Antarctic Sea: assessing isopod richness and abundance in the first benthic survey of the Amundsen continental shelf](#)

S Kaiser, DKA Barnes, CJ Sands... - Marine Biodiversity, 2009 - Springer

[White Paper: OceanObs 09 A global Continuous Plankton Recorder programme](#)

J Sanae Chiba, JA Conversi, R Dickson, UK Cefas... - scor-int.org

[Southern Ocean deep-sea biodiversity--From patterns to processes](#)

A Brandt... - Deep Sea Research Part II: Topical Studies in ..., 2009 - Elsevier

[Biodiversity of echinoids and their epibionts around the Scotia Arc, Antarctica](#)

K Linse, LJ Walker... - Antarctic Science, 2008 - Cambridge Univ Press

[DNA Barcoding and molecular systematics of the benthic and demersal organisms of the CEAMARC survey](#)

A Dettai, SJ Adamowicz, L Allcock, CP Arango... - Polar Science, 2011 - Elsevier

[Future and Outlook: Where Are We, and Where Will the Spatial Information Management in Wildlife Ecology Be in 50 Years from Now?](#)

SA Cushman... - Spatial Complexity, Informatics, ..., 2009 - books.google.com

[Evolution of Antarctic Fauna Extended Abstracts of the IBMANTIANDEEP International Symposium and Workshop in 2003](#)

WE Arntz - epic.awi.de

[Biodiversity and biogeography of Southern Ocean pycnogonids](#)

HJ Griffiths, CP Arango, T Munilla... - Ecography - Wiley Online Library

[Highly Diverse, Poorly Studied and Uniquely Threatened by Climate Change: An Assessment of Marine Biodiversity on South Georgia's Continental Shelf](#)

OT Hogg, DKA Barnes... - PloS one, 2011 - dx.plos.org

[Marine biodiversity in the Atlantic and Pacific coasts of South America: Knowledge and gaps](#)

P Miloslavich, E Klein, JM Díaz, CE Hernández... - PloS one, 2011 - dx.plos.org

[Soft bottom sublittoral amphipod fauna of Admiralty Bay, King George Island, Antarctic](#)

A Jazdzewska - Oceanological and Hydrobiological Studies, 2011 - Springer

[Terrestrial biodiversity in Antarctica-Recent advances and future challenges](#)

P Convey - Polar Science, 2010 - Elsevier

[Antarctic macro-zoobenthic communities: a review and an ecological classification](#)

J Gutt - Antarctic science, 2007 - Cambridge Univ Press

[South Georgia: a key location for linking physiological capacity to distributional changes in response to climate change](#)

SA Morley, HJ Griffiths, DKA Barnes... - Antarctic ..., 2010 - Cambridge Univ Press

[Admiralty Bay Benthos Diversity-a census of a complex polar ecosystem](#)

J Sicinski, K Jazdzewski, CD Broyer... - Deep Sea Research ..., 2010 - Elsevier

[Role of traditional knowledge in marine bioprospecting](#)

Y Demunshi... - Biodiversity and Conservation, 2010 - Springer

[Polynoid polychaetes living in the gut of irregular sea urchins: a first case of inquilinism in the Southern Ocean](#)

S Schiaparelli, MC Alvaro... - Antarctic Science, 2010 - Cambridge Univ Press

['Hitchhiker' polynoid polychaetes in cold deep waters and their potential influence on benthic soft bottom food webs](#)

S Schiaparelli, MC Alvaro, J Bohn... - Antarctic ..., 2010 - Cambridge Univ Press

[Cryptic speciation and the circumpolarity debate: A case study on endemic Southern Ocean octopuses using the COI barcode of life](#)

Royal Belgian Institute of Natural Sciences

AL Allcock, I Barratt, M Eléaume, K Linse... - Deep Sea Research ..., 2010 - Elsevier

[The Southern Ocean Observing System: Initial Science and Implementation Strategy Draft for review and community comment August 2010 Edited by](#)

A Fischer, AN Garabato, C Haas, C de Broyer... - scar.org

[Biodiversity change after climate-induced ice-shelf collapse in the Antarctic](#)

J Gutt, I Barratt, E Domack... - Deep Sea Research ..., 2010 - Elsevier

[Size Distribution Of Meso-And Bathypelagic Fish In The Dumont D'urville Sea \(East Antarctica\) During The CEAMARC Surveys](#)

K Philippe, H Percy-Alexander, P Patrice, H Pauline... - Polar Science, 2011 - Elsevier

[Demersal ichthyofaunal shelf communities from the Dumont d'Urville Sea \(East Antarctica\)](#)

R Causse, C Ozouf-Costaz, P Koubbi, D Lamy... - Polar Science, 2011 - Elsevier

[Antarctic climate change and the environment](#)

P Convey, R Bindshadler, G Di Prisco... - Antarctic ..., 2009 - Cambridge Univ Press

[Data Integration: The Ocean Biogeographic Information System](#)

EV Berghe, KI Stocks... - Life in the World's Oceans: ..., 2010 - books.google.com

[Evolutionary dynamics at high latitudes: speciation and extinction in polar marine faunas](#)

A Clarke... - Philosophical Transactions of ..., 2010 - rstb.royalsocietypublishing.org

[Bait-attending fauna of the Kermadec Trench, SW Pacific Ocean: Evidence for an ecotone across the abyssal-hadal transition zone.](#)

AJ Jamieson, NM Kilgallen, AA Rowden... - Deep Sea Research ..., 2010 - Elsevier

Other types of publications mentioning SCAR-MarBIN

The publications listed below (reports, opinion papers,...) mention SCAR-MarBIN. The list is an *indication* of the level of penetration of the SCAR-MarBIN Network in the community, using Google Scholar as a proxy.

Total number of papers: 38

[RAPPORT DE LA VINGT-HUITIÈME RÉUNION DU COMITÉ SCIENTIFIQUE](#)

CSP LA CONSERVATION, ETLAF DE LA FAUNE... - 2009 - ccamlr.org

[RAPPORT DE L'ATELIER SUR LES ÉCOSYSTÈMES MARINS VULNÉRABLES](#)

MV LES ÉCOSYSTÈMES - ccamlr.org

[Australia's role in creating a Polar Information Commons](#)

K Finney - eResearch Australasia 2009, 2011 - eresearch.edu.au

[A risk-management framework for avoiding significant adverse impacts of bottom fishing gear on Vulnerable Marine Ecosystems](#)

K Martin-Smith - CCAMLR Science, 2009 - ccamlr.org

[A History of SCAR, 2004-2010](#)

Royal Belgian Institute of Natural Sciences

C Summerhayes - scar.org

[REPORT OF THE WORKSHOP ON VULNERABLE MARINE ECOSYSTEMS](#)

ETLAF DE LA FAUNE, M DE L'ANTARCTIQUE... - 2009 - southpacificrmo.org

[IDENTIFYING TAXONOMIC GROUPS VULNERABLE TO BOTTOM LONGLINE FISHING GEAR IN THE ROSS SEA REGION](#)

SJ Parker... - CCAMLR Science, 2010 - ccamlr.org

[INFORME DE LA VIGÉSIMO OCTAVA REUNIÓN DEL COMITÉ CIENTÍFICO](#)

CCP LA CONSERVACIÓN, VMA DE LOS RECURSOS - 2009 - ccamlr.org

[White Paper proposal: OceanObs 09 A global Continuous Plankton Recorder programme](#)

J Sanae Chiba, JA Conversi, R Dickson, UK Cefas... - abstracts.congex.com

[Southern Ocean Observing System \(SOOS\): Rationale and strategy for sustained observations of the Southern Ocean](#)

SR Rintoul, K Speer, M Sparrow... - ... White Paper. Ocean ..., 2009 - go-ship.org

[Southern Ocean Observing System \(SOOS\): Rationale and strategy for sustained observations of the Southern Ocean](#)

K Speer, E Hofmann, M Sparrow, M Meredith... - abstracts.congex.com

[Report on Earth Observation Portals](#)

JS Khalsa - wiki.ieee-earth.org

[RAPPORT DE LA VINGT-SEPTIÈME RÉUNION DU COMITÉ SCIENTIFIQUE](#)

CSP LA CONSERVATION, ETLAF DE LA FAUNE... - 2008 - ccamlr.org

[RAPPORT DE LA VINGT-SEPTIÈME RÉUNION DU COMITÉ SCIENTIFIQUE](#)

I ère Partie - 2008 - ccamlr.org

[The Southern Ocean Observing System: Initial Science and Implementation Strategy Draft for review and community comment August 2010 Edited by](#)

A Fischer, AN Garabato, C Haas, C de Broyer... - scar.org

[INFORME DE LA VIGÉSIMO NOVENA REUNIÓN DEL COMITÉ CIENTÍFICO](#)

CCP LA CONSERVACIÓN, VMA DE LOS RECURSOS - 2010 - ccamlr.org

[INFORME DE LA VIGÉSIMO SÉPTIMA REUNIÓN DEL COMITÉ CIENTÍFICO](#)

CCP LA CONSERVACIÓN, VMA DE LOS RECURSOS - 2008 - ccamlr.org

[THE SKEP ERA-NET WORK PACKAGE 4](#)

DRJ HOLMES - skep-era.net

[IOC Committee on International Oceanographic Data and Information Exchange](#)

S Session - ioc3.unesco.org