



Census of Marine Life Education and Outreach Network

April 13, 2009

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May Synthesis Calendar

Don't forget to check your May Synthesis Calendar.

Here are some important dates:

May 11 - World Ocean Conference in Manado, Indonesia

May 13-17 - Polar Synthesis Macroscopic workshop, Villefranche, France

May 20-24 - Biophysical Relationships synthesis workshop, in St. Andrew's, New Brunswick, Canada

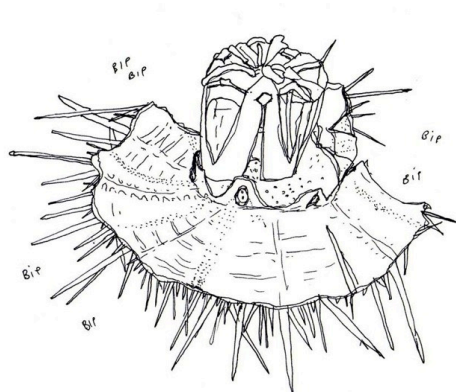
May 25-28 - Oceans Past 2 Conference in Vancouver, BC, Canada

To view the Synthesis Calendar click [here](#).

MAY 2009						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 May Day	2 Columbus Memorial Day (Spain)
3	4	5	6	7	8	9
10	11 World Ocean Conference Manado, Indonesia	12	13	14	15	16
17	18	19	20	21	22	23
24 Constitution Day (Brazil)	25 Victoria Day (Canada)	26	27	28	29	30
31	TBD in May: IAGLR synthesis meeting, Marine Habitat Museum, Monterey, CA Korea biodiversity synthesis workshop Range maps marine species workshop, Super Computer Center, San Diego, CA PRINCEP meeting, Apia					

Cartoons by Italian artist inspired by CeDAMar

Drawings produced by Francesca Cogni, a young Italian artist, have been inspired by images associated with CeDAMar's research. The theme of her Census inspired work, the result of an art project which she began in 2007, gives human qualities to deep sea technology and depicts sea creatures with mechanical characteristics. Francesca, a painter,



videographer, illustrator and writer makes documentaries and animations in addition to her work as a tutor at the Academy of Fine Arts of Brera in Milan. Cogni's CeDAMar inspired illustrations will be available for viewing on the [Census in the Arts](#) webpage in the near future.

PRONTI AL DECOLLO

Census featured in Biology section of UN Oceans Atlas



The [United Nations Atlas of the Oceans](#), an information system designed to provide access to ocean science data and information on ocean issues, has featured the Census of Marine Life prominently in the biology category of its "About the Ocean" section. The biology page of the Atlas contains background information on the Census, details of Census directives, and has links to a number of Census projects, Census affiliate programs (such as Encyclopedia of Life and World Register of Marine Species). The Atlas also provides a direct link to the OBIS portal as well as Census media products (such as highlights reports and video clips). Finally, the biology page provides access to many marine biology news stories, events, websites, books, and other resources. The site can be visited here: [Biology](#).

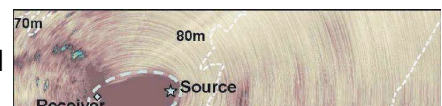
SCOR newsletter #13 and new SCOR website now available



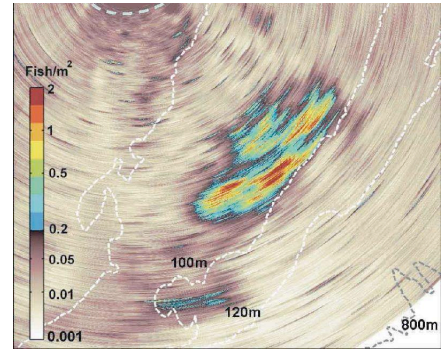
The latest issue of the Scientific Committee on Oceanic Research newsletter is now available. This issue features stories on SCOR's capacity building activities, the products of the High CO₂ Symposium, the SCOR Panel on New Technologies for Observing Marine Life, and the activity of SCOR Working Groups. Also included in this issue are information on current large scale ocean research projects, recent publications, and SCOR annual meetings. The newsletter is available for download as a PDF: [SCOR Newsletter #13](#). Also available now is the new upgraded and expanded [SCOR Technology Panel](#) website. The new website features a video gallery, links to educational resources, publications, and meeting summaries.

Census researchers publish in *Science*

Census researcher Nick Makris and his research collaborators published an article in the March 27 issue of



Science. Entitled "Critical Population Density Triggers Rapid Formation of Vast Oceanic Fish Shoals", the article address the aggregation behavior of many specie of oceanic fish. Using remote sensing data, Nick and his team were able analyse the formation process of fish shoals that sometimes grew to cover tens of kilometers of ocean space. Their results suggest that aggregation formation occurs quickly as the population reaches a certain critical mass and beyond this point the group tends to move as a single synchronized shoal. Results also suggest that the actions of the large group may be significantly influenced by small sets of "leaders." The article is available online: [Science](#).



Census featured in recently published book on global ocean



A recently published book on the the emerging crisis of environmental change in the global ocean mentions the work of the Census of Marine Life. Written by environmental journalist Alanna Mitchell, *Sea Sick* discusses the human induced change that is occurring in the global ocean and its potential repercussions. The Census program and the work of FMAP scientists Heike Lotze and Boris Worm feature prominently in *Sea Sick*'s Prologue and in a chapter on the future of fish resources. *Sea Sick* has been released in Australia and Canada, and will be released shortly in the UK and the US. For more information, please visit

Mitchell's website: [Alanna Mitchell](#).

Encyclopedia of Life latest newsletter

The latest installment of the Encycopedia of Life's newsletter is now available. This issue feautres:

- Two Harvard professors who use EOL in the classroom
- New EOL technologies, including LifeDesk, an



- data sharing interface
- EOL Fellowships to support young taxonomists
- Media coverage of EOL's Steering Committee Meeting in Costa Rica
- New commenting capability on EOL species pages

To view the newsletter, visit: [EOLetter](#)

Deep Sea Mining Colloquium available online



The

Deep Sea Mining of Seafloor Massive Sulfides Colloquium, which took place on Thursday April 2, 2009 at Woods Hole Oceanographic Institution in Massachusetts, USA can now be viewed online in two parts. The first is the keynote speakers - Maurice Tivey (Dept. Chair, Geo and Geophys, WHOI), Nii Allotey Odunton (Sec-Gen. ISA), Caitlyn Antrim (Exec. Dir. Rule of Law Committee for the Oceans), Rod Eggert (Division Director, Economics and Business, Colorado School of Mines). The second part is the panel discussion (consisting of the keynote speakers plus Chris German (ChEss, WHOI), Samantha Smith (Nautilus Minerals) and Sabine Christiansen (WWF) (1 hour). The videos are available on the ChEss website: [News \(April 2009\)](#).

Realplayer is required to view the video: [download](#).

ChEss TAWNI program accepting proposals



ChEss is now accepting proposals for the forth and final

year of the Training Awards for New Investigators (TAWNI) program. This program seeks to provide young, upcoming taxonomic investigators the opportunity to participate in research visits, cruises, or other activity in an effort to develop their taxonomic skill and build professional relationships. TAWNI awards can be used to fund laboratory visits, participation in taxonomic workshops, participation in research cruises and post cruise meetings, as well as to prepare data for inclusion in ChEssBase. The deadline for proposal submission is May 22, 2009. A full description of the program, including highlights of past years, and the official proposal guidelines can be found on the ChEss website: [TAWNI](#).

SCAR-MarBIN public interface now live



The March 2009 conclusion of the International Polar Year (IPY) has left a lasting legacy in the form of a network of marine biodiversity databases. Created by the Scientific Committee on Antarctic Research (SCAR), an inter-disciplinary committee of the International Council for Science, the [Marine Biodiversity Information Network](#) (SCAR-MarBIN) is a collaborative web portal, which provides free and open access to information on Antarctic marine biodiversity. This portal and its associated network will serve as a clearinghouse for all of the biodiversity related data that was collected during the IPY. For more details, a full release is available for download: [SCAR-MarBIN Release](#).

Latest newsletter from the Gulf of Maine

The Gulf of Maine Area field project has released its latest newsletter. This issue features stories on:

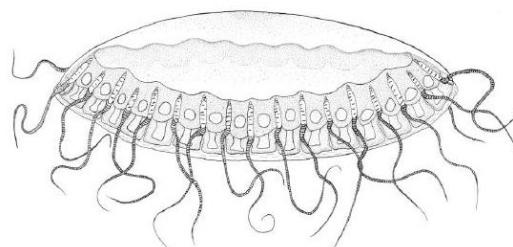


- Shoals of herring doing the wave
- Whales in an urban ocean
- A changing community on Cashes Ledge
- An announcement for the Gulf of Maine Symposium (Oct 4-9, 2009 in St. Andrews, New Brunswick, Canada)
- The Census of Marine Life and Google Earth

To view the newsletter, please visit the GoMA website: [Gulf of Maine News](#).

CMarZ gallery of new species now available online

CMarZ researchers have been working diligently to publish descriptions of the many new marine zooplankton species they have recently discovered. These new species are showcased on a gallery page on the CMarZ website which features many stunning images and original pdf's available for download.



To view the gallery, please visit the CMarZ website: [New Species Gallery](#).

Correction: Philippe Bouchet and mollusc books

In our previous issue we referred to Philippe Bouchet as a COMARGE researcher. Our story implied that he was only associated with COMARGE. In fact, Philippe is involved in COMARGE as well as CReefs and CenSeam.

Further, the book "The Terebridae of Vanuatu" was mistakenly identified as being associated with COMARGE. This book is actually the result of a CReefs expedition.

Please accept our apologies for the mistake.

The Census of Marine Life is a global network of researchers in more than 80 nations engaged in a 10-year scientific initiative to assess and explain the diversity, distribution, and abundance of life in the oceans. The world's first comprehensive Census of Marine Life-past, present, and future-will be released in 2010. www.coml.org

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