

## Theme Session D

### Census of Marine Life: Community and species biodiversity in marine benthic habitats from the coastal zone to the deep sea

Conveners: Michael Sinclair (Canada) and Myriam Sibuet (France)

#### Agenda and Order of the Day

Tuesday 19 September 11.30–12.30 (Auditorium 1)

Tuesday 19 September 13.30–15.30 (Auditorium 1)

Tuesday 19 September 16.00–18.00 (Auditorium 1)

		<b>Time</b>
<b>1.</b>	<b>Opening</b>	11.30
<b>2.</b>	<b>Introduction</b>	
<b>3.</b>	<b>Presentation of Papers</b>	
<i>Code</i>	<i>Author(s) and title</i>	
D:08	<i>T. J. Pitcher, P. J. B Hart, T. Morato, M. Clark, and R. S. Santos: Seamounts: ecology, fisheries and conservation: a new contribution from CenSeam</i>	11.45
D:05	<i>Chih-Lin Wei and Gilbert T. Rowe: The bathymetric zonation and community structure of deep-sea macrobenthos in the Northern Gulf of Mexico</i>	12.00
D:11	<i>Roland Pitcher, Peter Doherty, John Hooper, Peter Arnold, and Neil Gribble: Seabed biodiversity of the Continental Shelf of the Great Barrier Reef region</i>	12.15
	<b>Lunch break</b>	12.30
D:02	<i>Niels Daan: Spatial and temporal trends in species richness of the total North Sea fish community, and its southerly and northerly components separately, based on the IBTS, 1977–2005</i>	13.30
D:10	<i>Michaela Aschan and H. C. Trannum: Community and species biodiversity in benthic fauna of the Barents Sea</i>	13.45
D:03	<i>S. Yu. Guliugyn, F. F. Litvinov, and A. M. Sirota: The distribution and relative abundance of elasmobranch species along North-Western African shelf and slope (from Gibraltar to 16°N) as compared to retrospective data (70s–80s) and environment</i>	14.00
D:04	<i>Bradley P. Harris, Kevin D. E. Stokesbury, Jacob I. Nogueira, and Michael C. Marino II: Benthic habitat mapping in offshore USA sea scallop (<i>Placopecten magellanicus</i>) beds based on underwater video surveys</i>	14.15
D:01	<i>S. J. Smith, V. E. Kostylev, B. J. Todd, and C. Frail: Using bottom type and water depth information to predict bycatch species in a sea scallop (<i>Placopecten magellanicus</i>) fishery</i>	14.30
D:13	<i>Jeremy Collie, Page Valentine, John Anderson, and Donald Gordon: A small hotspot of benthic biodiversity on the northwest Atlantic continental shelf</i>	14.45
	<b>Discussion</b>	15.00
	<b>Coffee break</b>	15.30

D:19	<i>Mark J. Costello, Edward Vanden Berghe, Cliff Cunningham, and Serge Rotenberg: Origins of the North East and North West Atlantic marine biota</i>	16.00
D:12	<i>Sebastian P. Holmes and Jaap van der Meer: Population genetics and dispersal: can one be used to predict the other?</i>	16.15
D:09	<i>Vasily Sokolov: Zoogeography of decapod crustaceans in the Euro-Asiatic Seas of the Arctic region</i>	16.30
D:14	<i>Falk Huettmann et al.: A global modeling method for predicting benthos diversity and abundance: using RandomForest to link public available historic survey data with environmental data for the Bering Sea region and beyond</i>	16.45
	<b>Discussion</b>	17.00

## Posters

D:15	<i>Sandrine Vaz, J. Martin, Y. Verin, and D. Le Roy: Mapping benthic invertebrate assemblages from bottom trawl hauls observations</i>
D:16	<i>Uwe Piatkowski, Michael Vecchione, and Richard E. Young: Community and species diversity of deepwater cephalopods along the northern mid-Atlantic Ridge</i>
D:17	<i>Bhavani E. Narayanaswamy and Graham B. Shimmiel: The Census of Marine Life in Europe</i>
D:18	<i>Falk Huettmann and Simon Pittman: A Global Template for predicting pelagic species diversity and abundance: using TreeNet to link public available historic seabird data with remotely sensed environmental data for the Gulf of Maine</i>