



10° ANNIVERSARIO N/R ASTREA  
6 GIUGNO 2013, ROMA

**LE FORESTE DI CORALLO DEL  
MEDITERRANEO:  
STORIE DI STRAORDINARIA BIODIVERSITÀ**

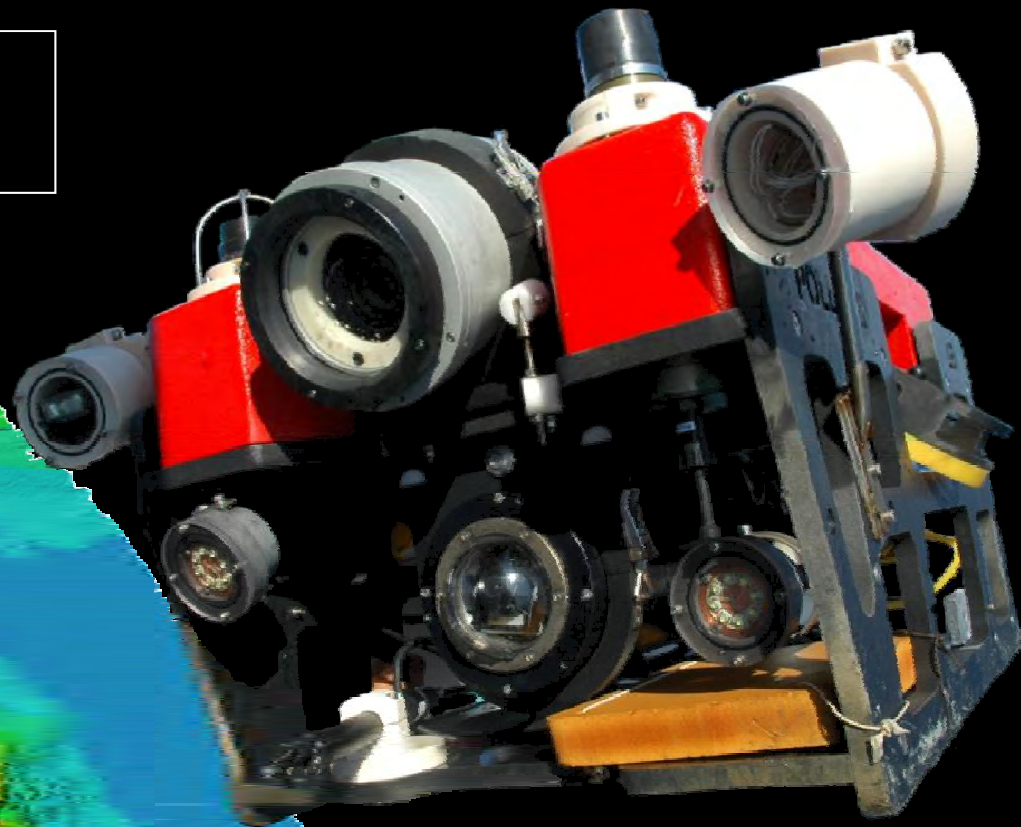
MARZIA BO, GIORGIO BAVESTRELLO

Dipartimento di Scienze della Terra, dell'Ambiente e della Vita  
Università di Genova

**Prime esperienze  
e nuovi stimoli**



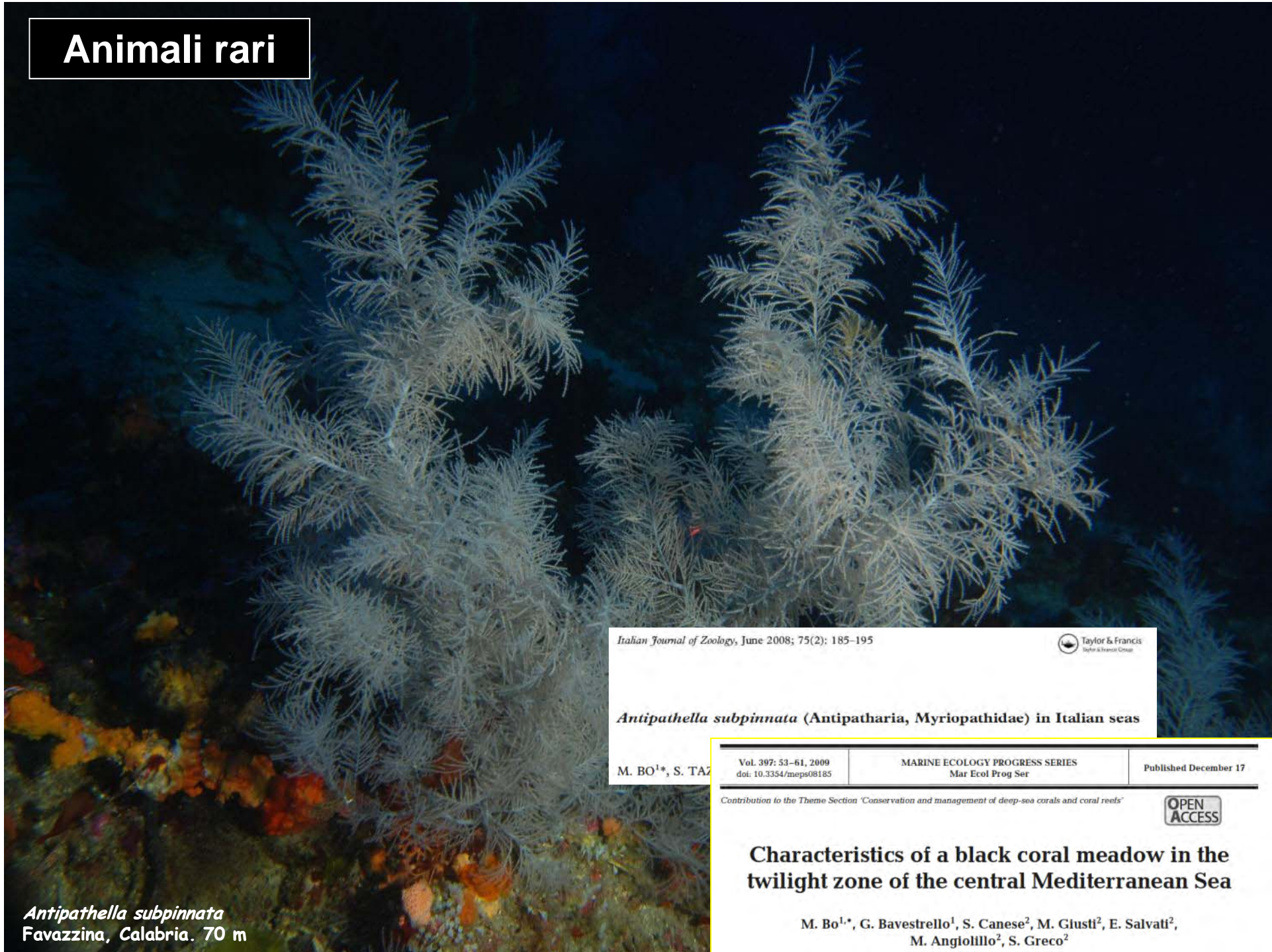
**Nuove tecnologie e  
nuove sfide**



# Nuove opportunità



# Animali rari



*Antipathella subpinnata*  
Favazzina, Calabria. 70 m

*Italian Journal of Zoology*, June 2008; 75(2): 185–195



## *Antipathella subpinnata* (Antipatharia, Myriopathidae) in Italian seas

M. BO<sup>1\*</sup>, S. TAZZOLI<sup>2</sup>

Vol. 397: 53–61, 2009  
doi: 10.3354/meps08185

MARINE ECOLOGY PROGRESS SERIES  
Mar Ecol Prog Ser

Published December 17

Contribution to the Theme Section 'Conservation and management of deep-sea corals and coral reefs'



## Characteristics of a black coral meadow in the twilight zone of the central Mediterranean Sea

M. Bo<sup>1\*</sup>, G. Bavestrello<sup>1</sup>, S. Canese<sup>2</sup>, M. Giusti<sup>2</sup>, E. Salvati<sup>2</sup>,  
M. Angiolillo<sup>2</sup>, S. Greco<sup>2</sup>

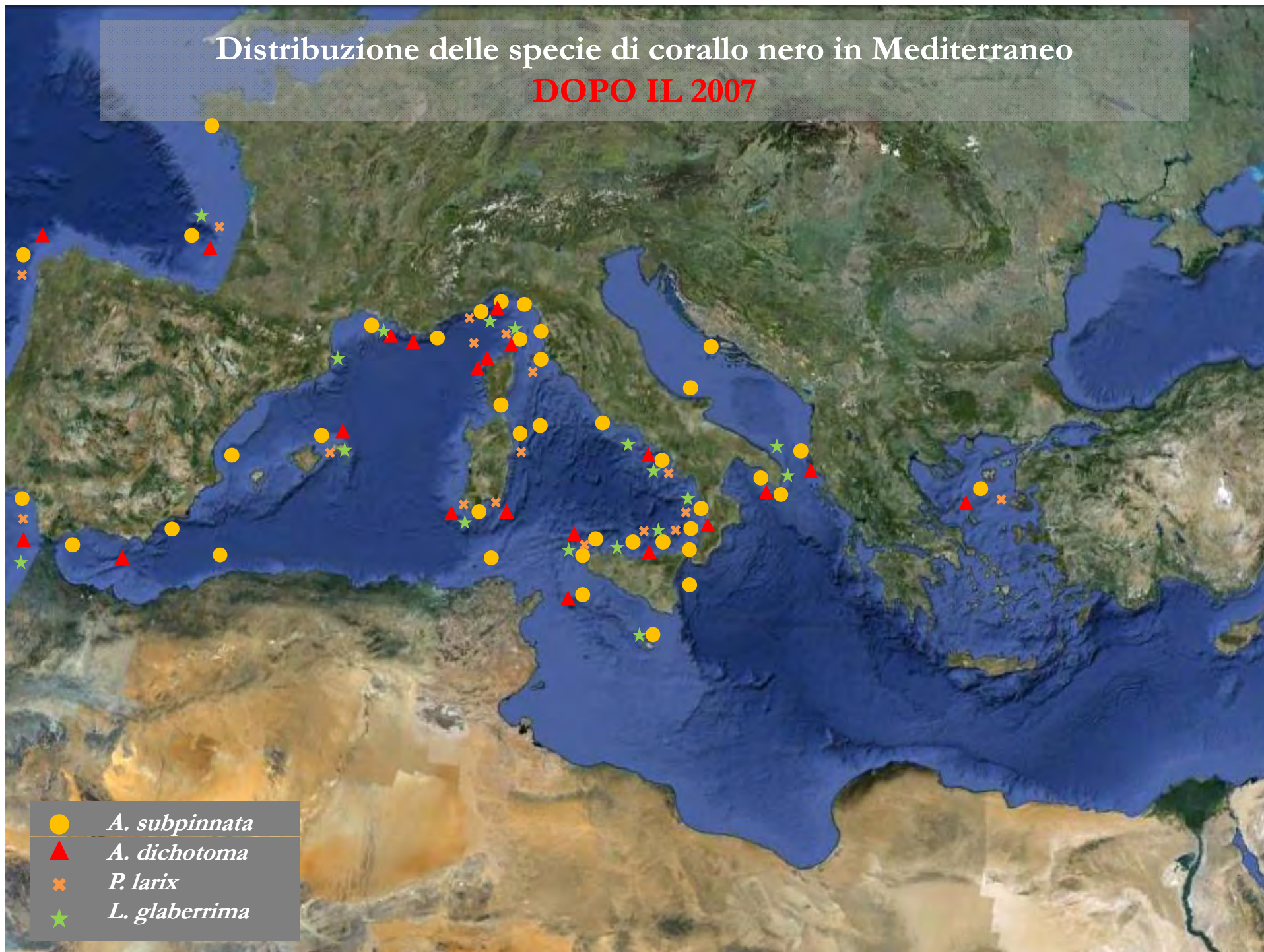
# Distribuzione delle specie di corallo nero in Mediterraneo PRIMA DEL 1950



# Distribuzione delle specie di corallo nero in Mediterraneo 1950-2007



Distribuzione delle specie di corallo nero in Mediterraneo  
**DOPO IL 2007**



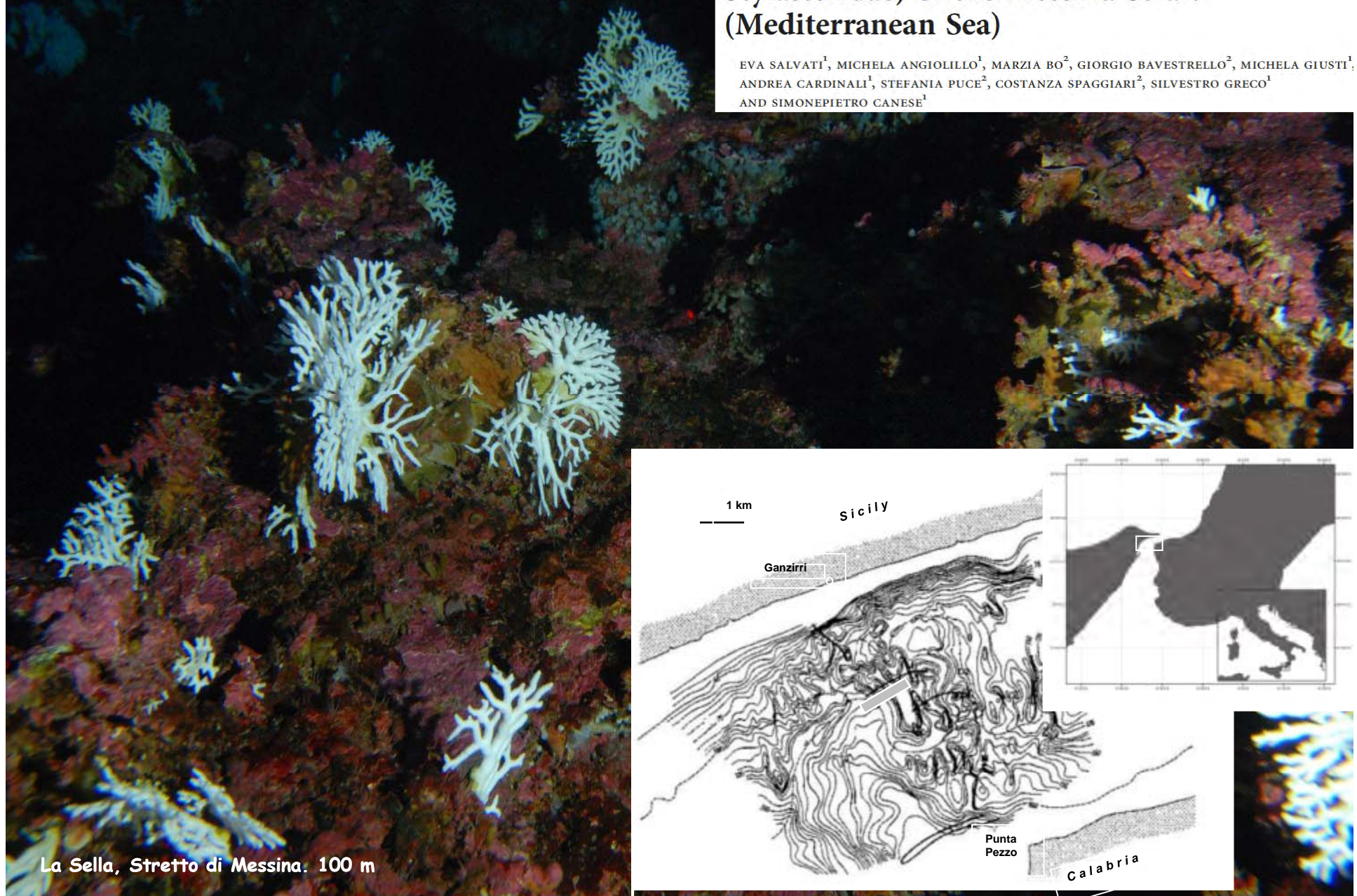


# Animali unici

Journal of the Marine Biological Association of the United Kingdom, 2010, 90(7), 1331–1336. © Marine Biological Association of the United Kingdom, 2010  
doi:10.1017/S0025315410000950

## The population of *Errina aspera* (Hydrozoa: Stylasteridae) of the Messina Strait (Mediterranean Sea)

EVA SALVATI<sup>1</sup>, MICHELA ANGIOLILLO<sup>1</sup>, MARZIA BO<sup>2</sup>, GIORGIO BAVESTRELLO<sup>2</sup>, MICHELA GIUSTI<sup>1</sup>,  
ANDREA CARDINALI<sup>1</sup>, STEFANIA PUCE<sup>2</sup>, COSTANZA SPAGGIARI<sup>2</sup>, SILVESTRO GRECO<sup>1</sup>  
AND SIMONE PIETRO CANESE<sup>1</sup>



La Sella, Stretto di Messina. 100 m

# Animali mai visti



*Antipathes dichotoma*, Golfo di S. Eufemia 100 m

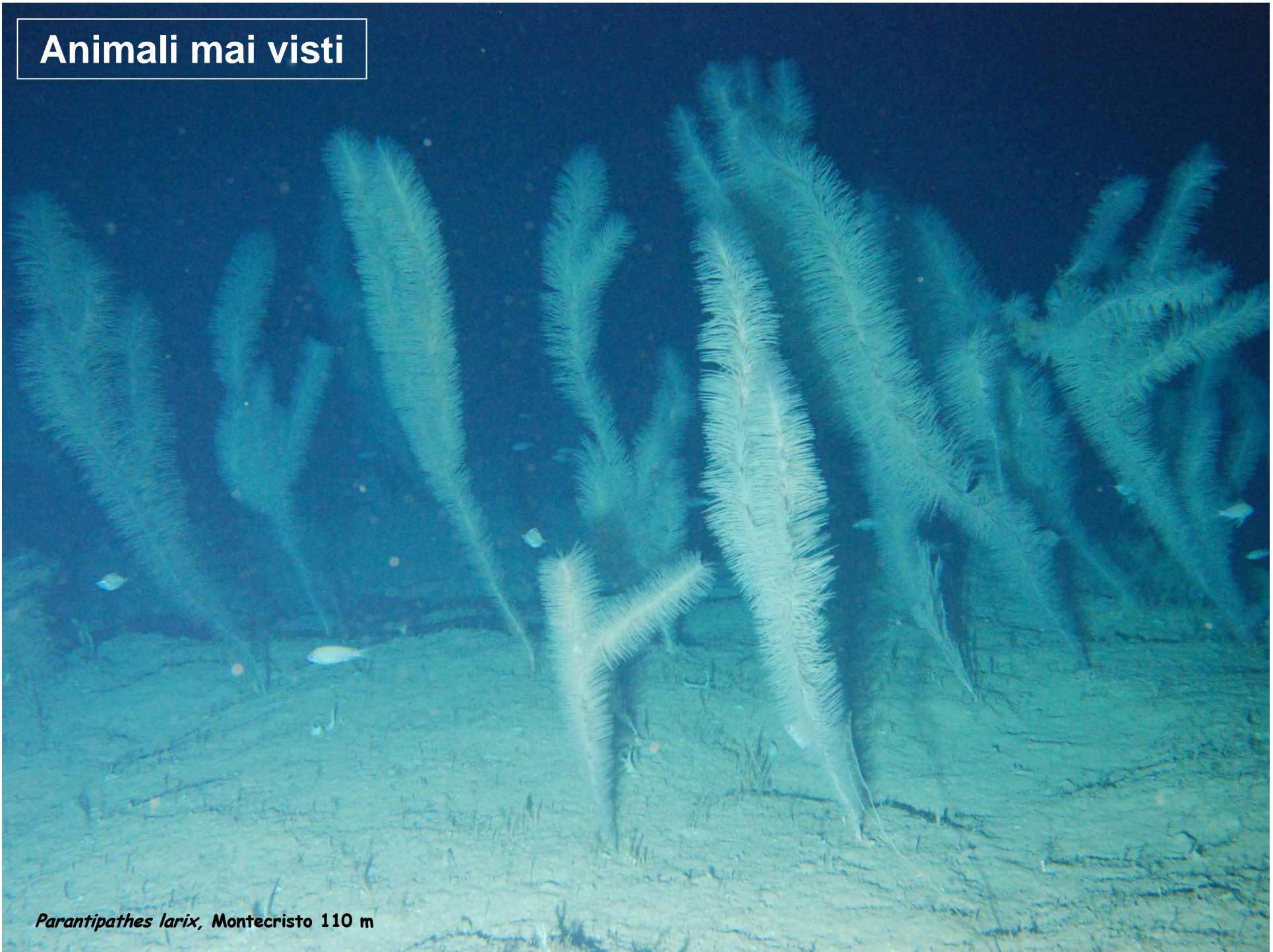
*Italian Journal of Zoology*, June 2011; 78(2): 231–242



**Coral assemblage off the Calabrian Coast (South Italy) with new observations on living colonies of *Antipathes dichotoma***

M. BO\*<sup>1</sup>, G. BAVESTRELLO<sup>1</sup>, S. CANESE<sup>2</sup>, M. GIUSTI<sup>2</sup>, M. ANGIOLILLO<sup>2</sup>,  
C. CERRANO<sup>3</sup>, E. SALVATI<sup>2</sup>, & S. GRECO<sup>2</sup>

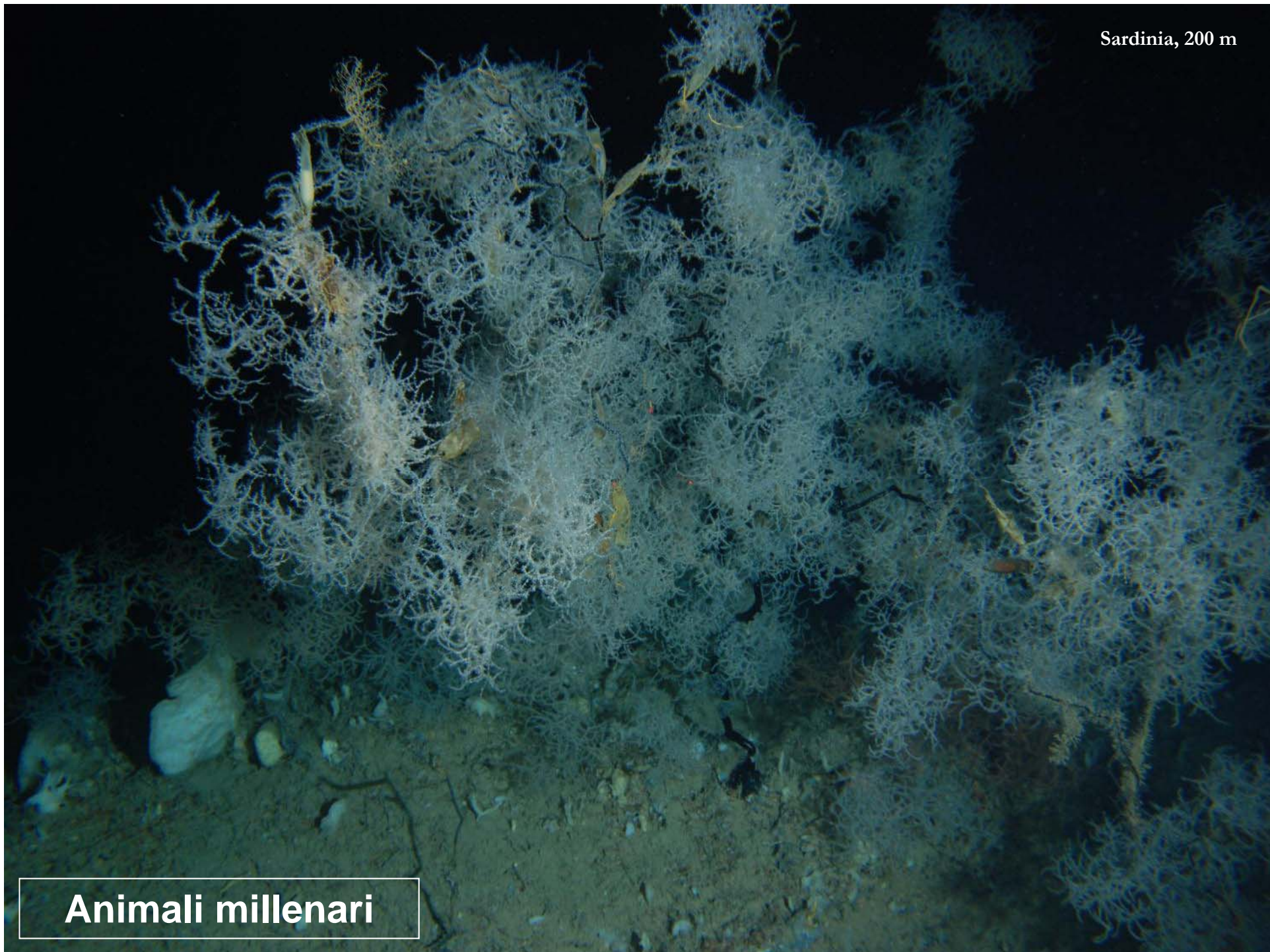
# Animali mai visti



*Parantipathes larix*, Montecristo 110 m

Sardinia, 200 m

**Animali millenari**

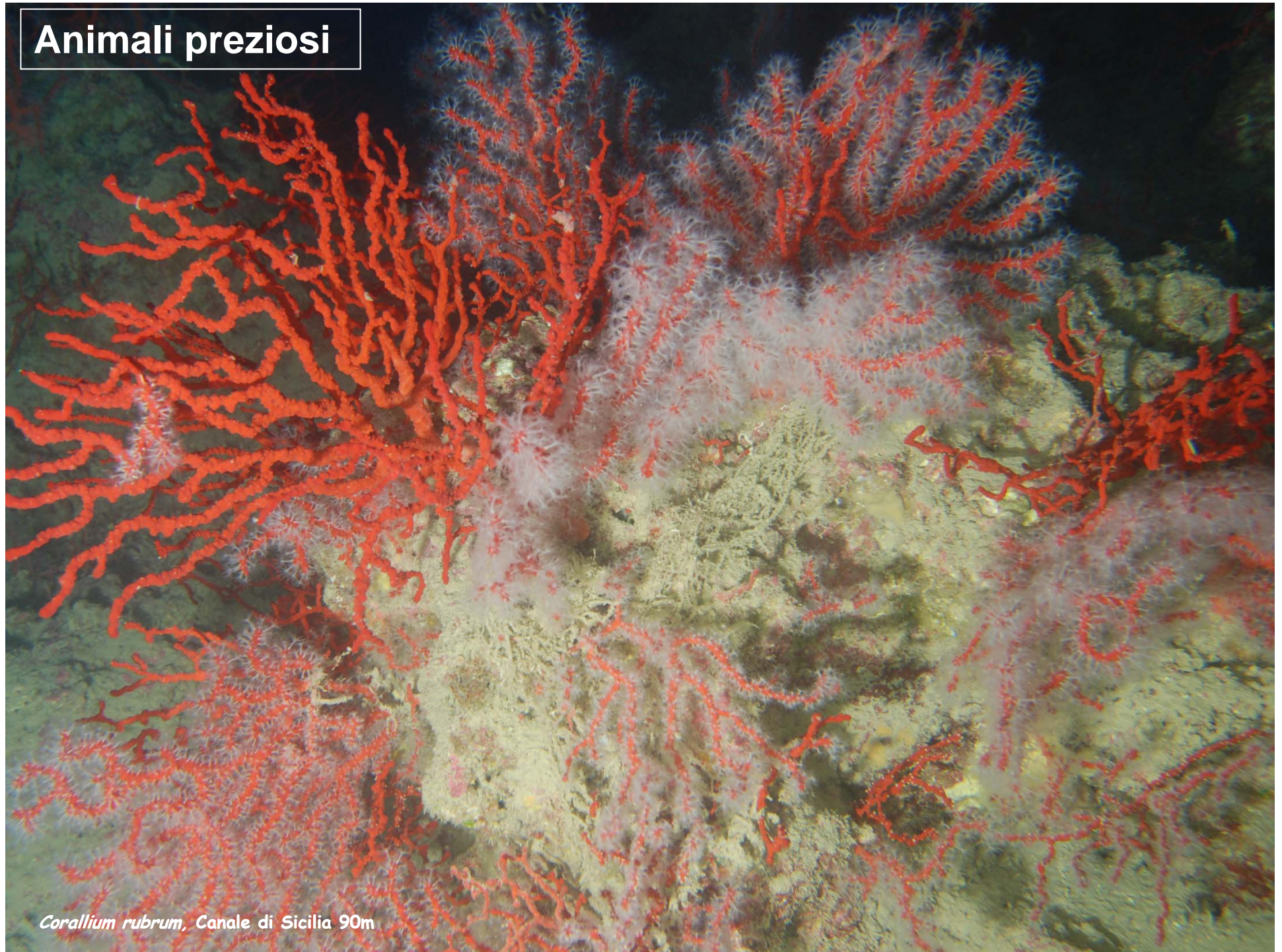


## Animali in pericolo



*Isidella elongata*, Sardegna Sud-occidentale 100m

# Animali preziosi



*Corallium rubrum*, Canale di Sicilia 90m

*Topsentia calabrisellae*  
*Haliclona (Soestella) fimbriata*  
St. Eufemia, 70-90 m

Specie nuove



Journal of the Marine Biological Association of the United Kingdom

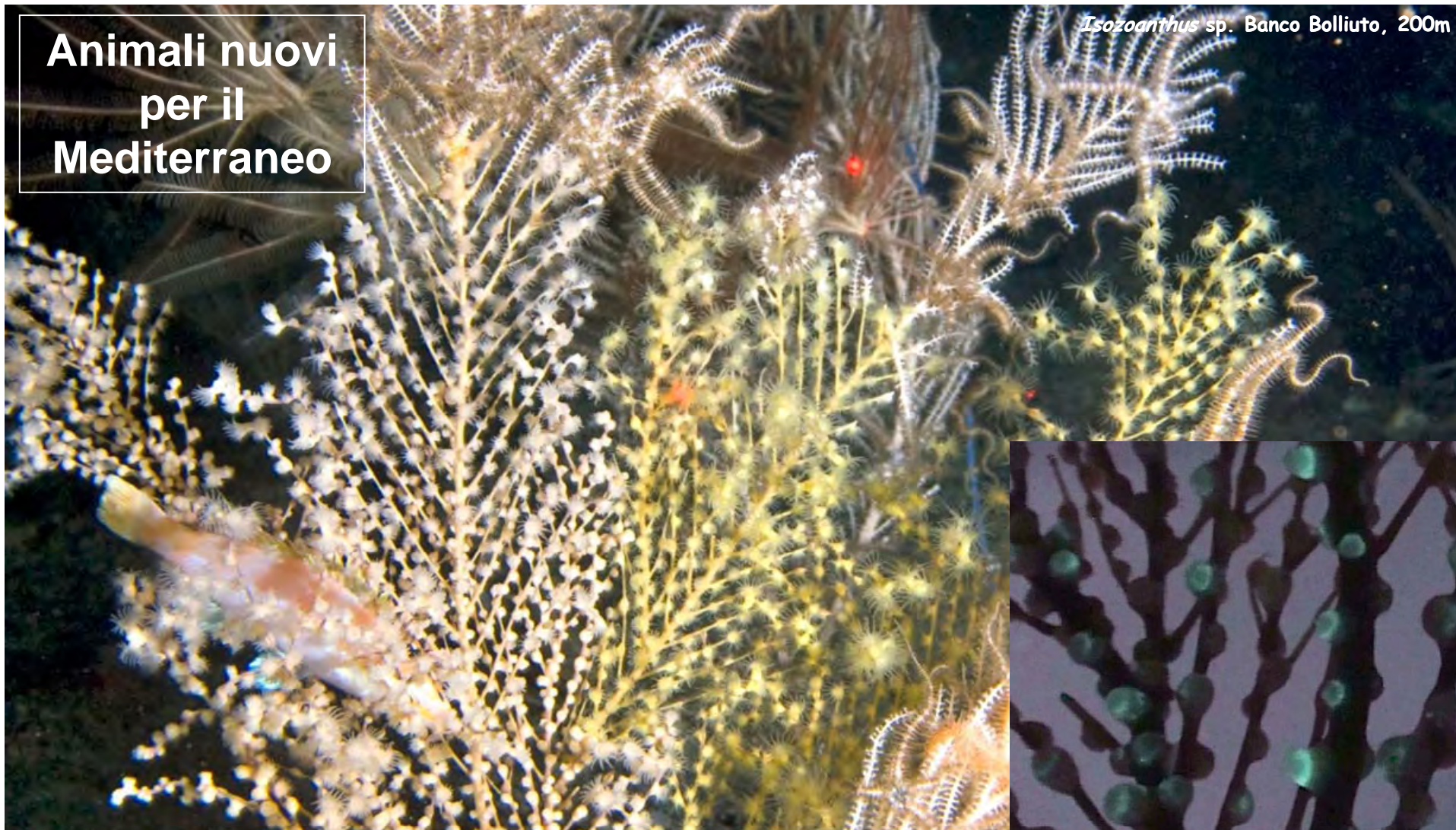
Journal of the  
MARINE BIOLOGICAL ASSOCIATION  
of the United Kingdom  
 **CAMBRIDGE**  
UNIVERSITY PRESS

DEEP SPONGE COMMUNITIES OF THE GULF OF ST. EUFEMIA  
(CALABRIA, SOUTHERN TYRRHENIAN SEA) WITH  
DESCRIPTION OF TWO NEW SPECIES



**Animali nuovi  
per il  
Mediterraneo**

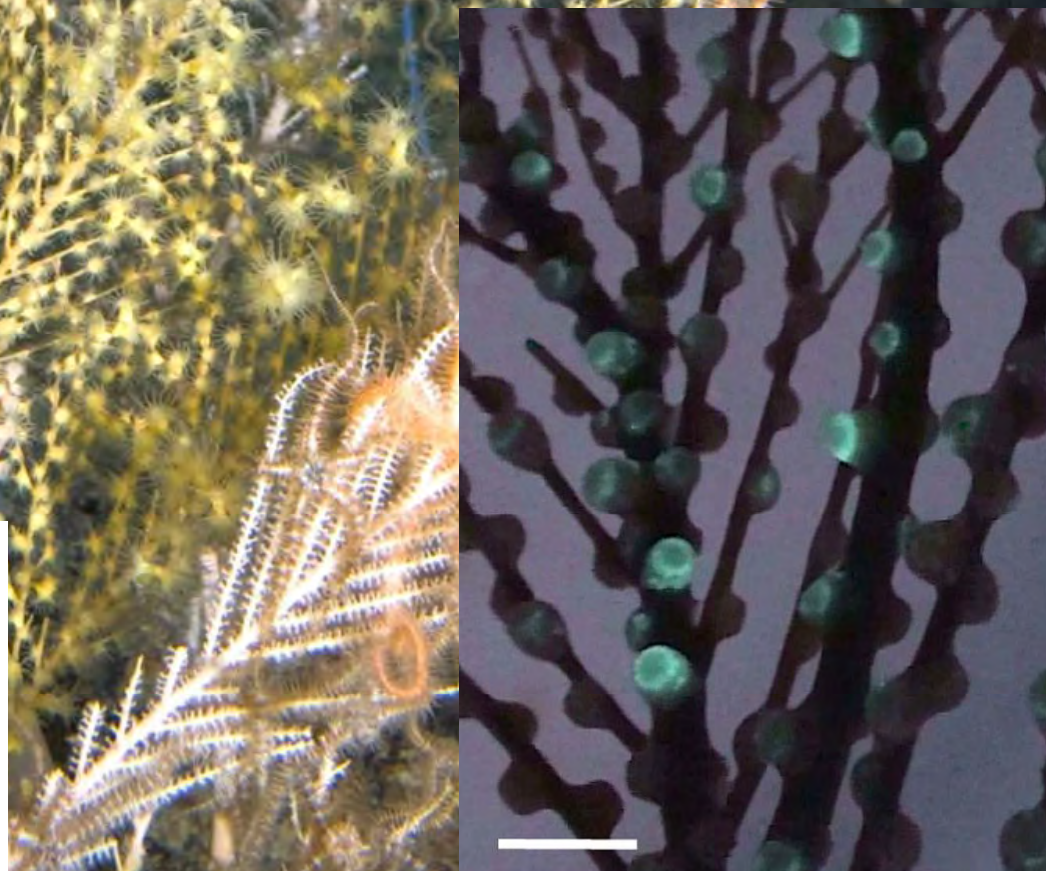
*Isozoanthus* sp. Banco Bolliuo, 200m



Marine Ecology

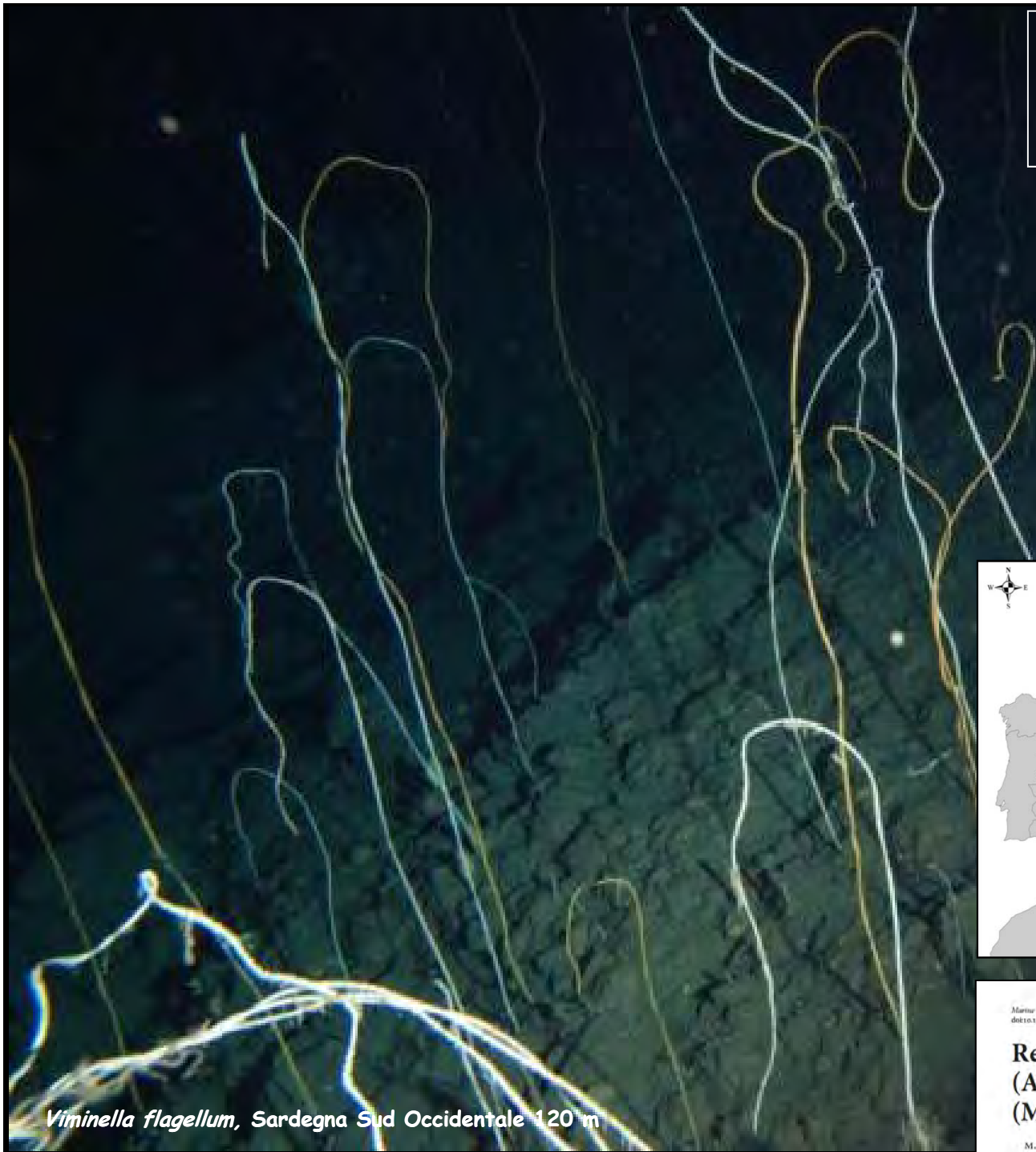


The coral assemblages of an off-shore deep Mediterranean  
rocky bank (NW Sicily, Italy)





**Animali nuovi per la  
fauna italiana  
*Viminella flagellum***



*Viminella flagellum*, Sardegna Sud Occidentale 120 m



Marine Biodiversity Records, page 1 of 5. © Marine Biological Association of the United Kingdom, 2012.  
doi:10.1017/S1755587212000510. Vol. 5: 014. 2012. Published online

**Record of *Viminella flagellum*  
(Alcyonacea: Ellisellidae) in Italian waters  
(Mediterranean Sea)**

M. GIUSTI<sup>1</sup>, M. BO<sup>2</sup>, G. BAVESTRELLO<sup>2</sup>, M. ANGIOLILLO<sup>3</sup>, E. SALVATI<sup>1</sup> AND S. CANESE<sup>1</sup>

**Animali nuovi per la fauna  
italiana  
*Ellisella paraplexauroides***



*Ellisella paraplexauroides*, Pantelleria 90m

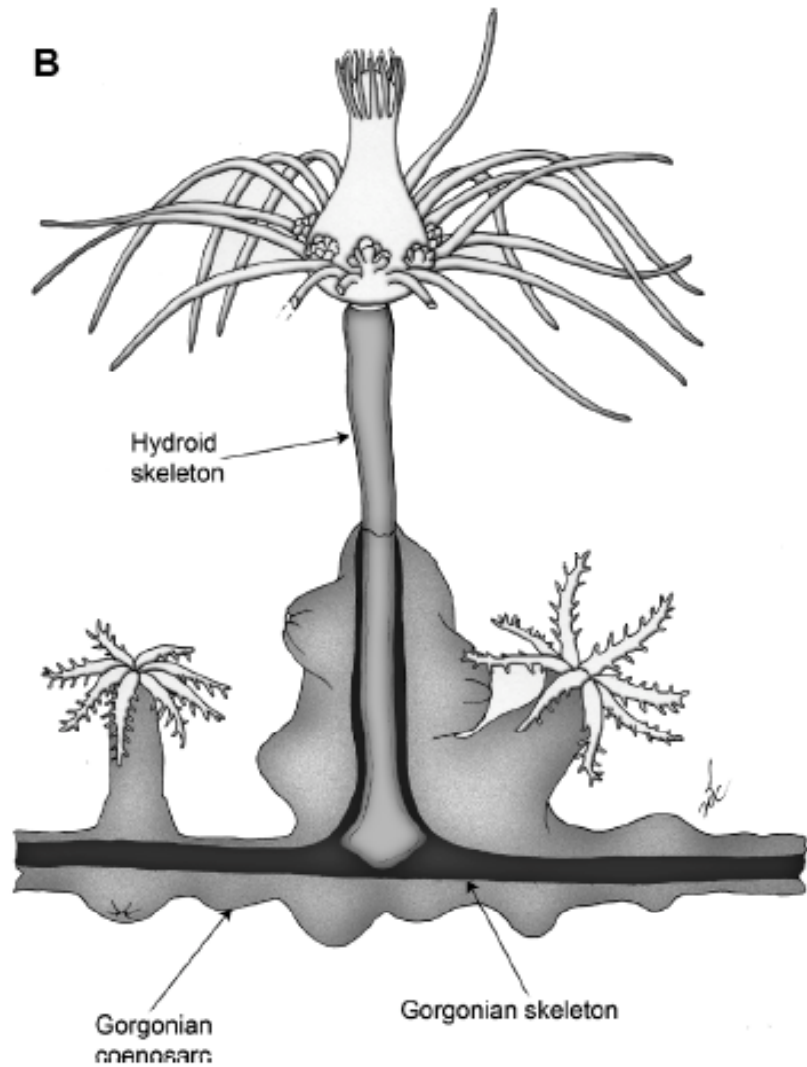


Marine Biodiversity Records, page 1 of 8. © Marine Biological Association of the United Kingdom, 2011  
doi:10.1017/S1755267211000972; Vol. 00; 00; 2011 Published online

**Record of *Ellisella paraplexauroides*  
(Anthozoa: Alcyonacea: Ellisellidae) in  
Italian waters (Mediterranean Sea)**

MICHELA ANGIOLILLO<sup>1</sup>, MARZIA BO<sup>2</sup>, GIORGIO BAVESTRELLO<sup>2</sup>, MICHELA GIUSTI<sup>1</sup>, EVA SALVATI<sup>1</sup>  
AND SIMONEPIETRO CANESE<sup>1</sup>

## Nuove associazioni

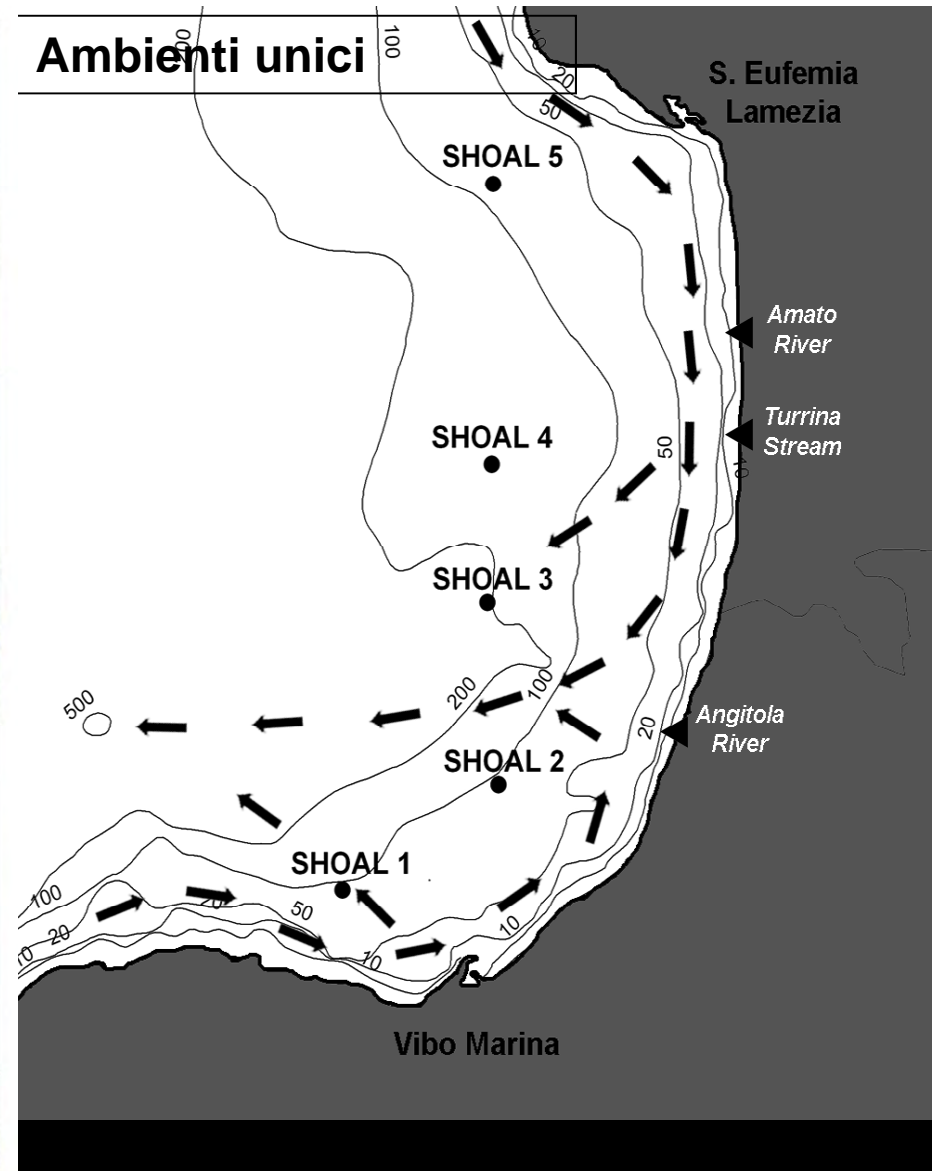
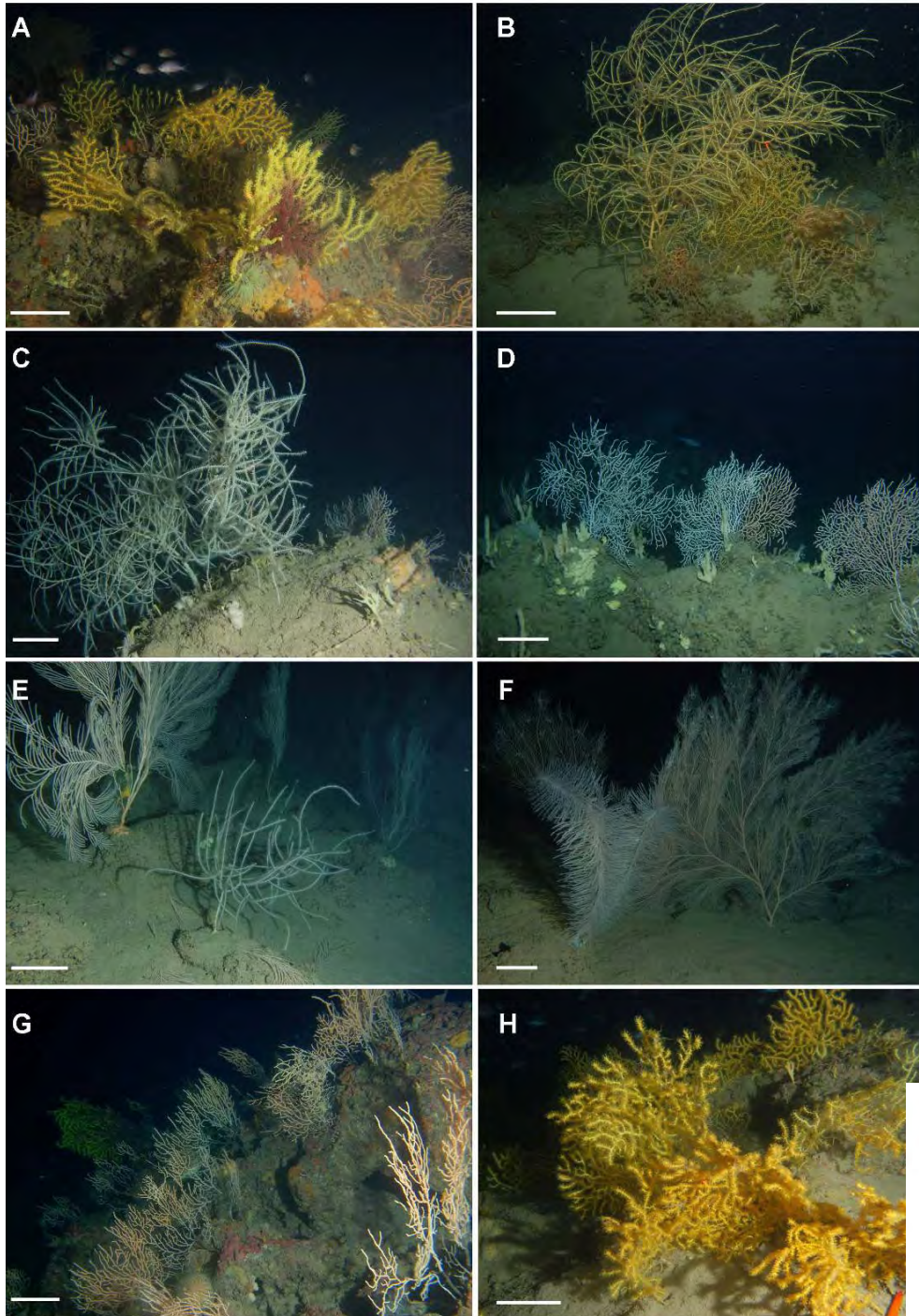


*Italian Journal of Zoology*, December 2011; 78(4): 487–496

 Taylor & Francis  
Taylor & Francis Group

**A tubulariid hydroid associated with anthozoan corals  
in the Mediterranean Sea**

M. BO<sup>1\*</sup>, C. G. DI CAMILLO<sup>1</sup>, S. PUCE<sup>1</sup>, S. CANESE<sup>2</sup>, M. GIUSTI<sup>2</sup>,  
M. ANGIOLILLO<sup>2</sup>, & G. BAVESTRELLO<sup>1</sup>



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PLOS ONE

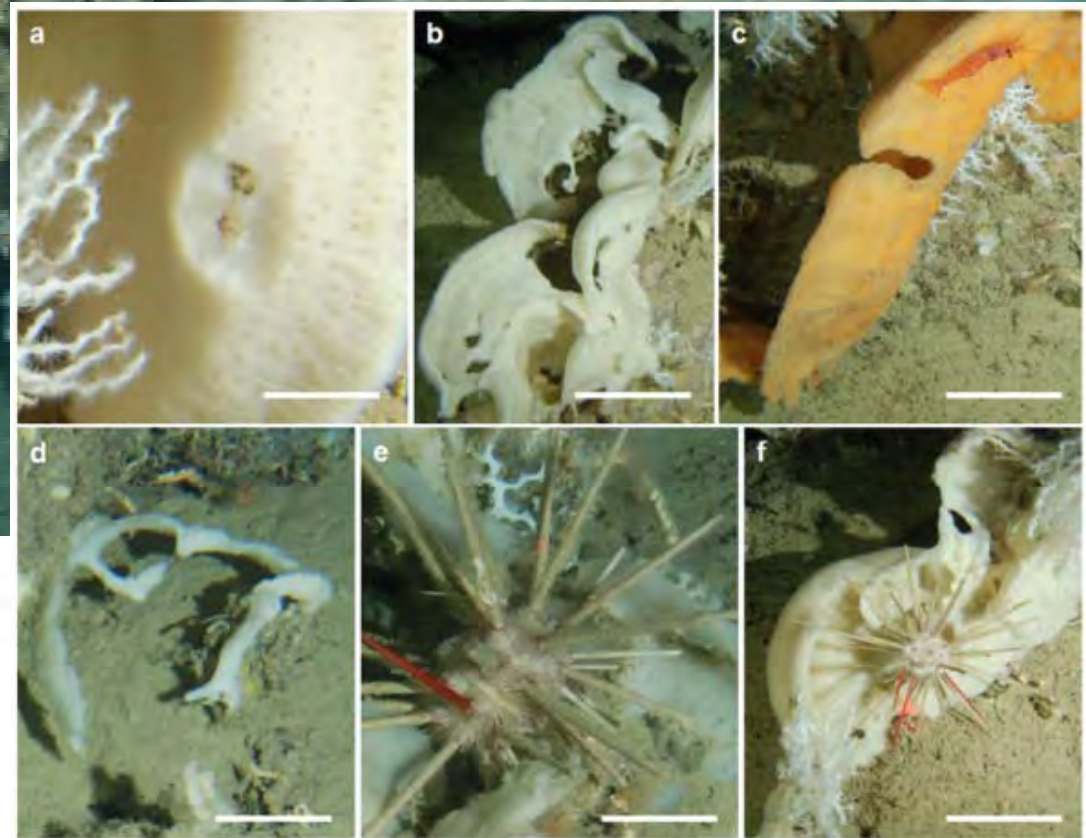
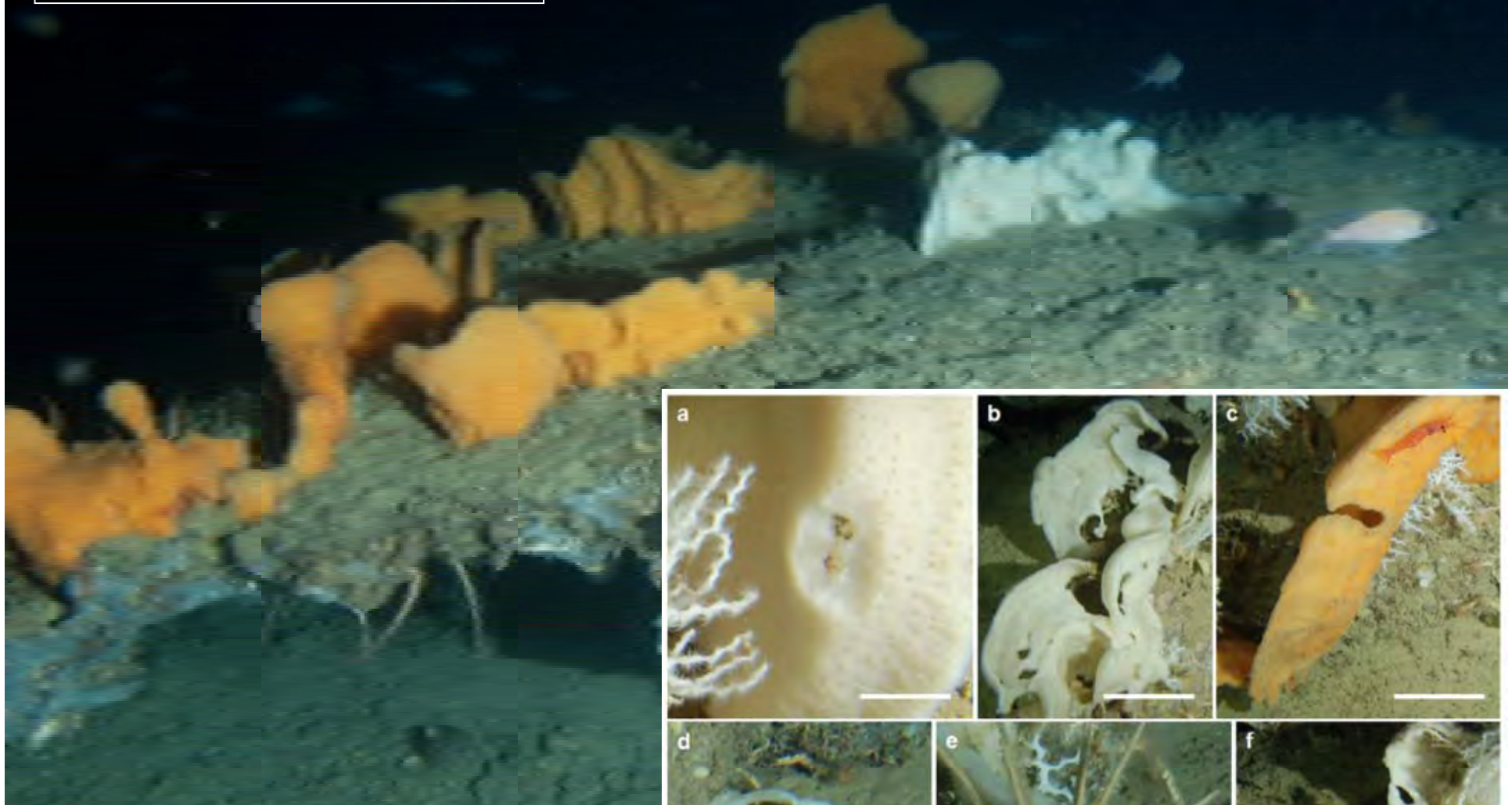
## Deep Coral Oases in the South Tyrrhenian Sea

Marzia Bo<sup>1\*</sup>, Simonepietro Canese<sup>2</sup>, Costanza Spaggiari<sup>3</sup>, Antonio Pusceddu<sup>3</sup>, Marco Bertolino<sup>1</sup>, Michela Angiolillo<sup>2</sup>, Michela Giusti<sup>2</sup>, Maria Filomena Loreto<sup>4</sup>, Eva Salvati<sup>2</sup>, Silvestro Greco<sup>2</sup>, Giorgio Bavestrello<sup>1</sup>

<sup>1</sup> Dipartimento per lo Studio del Territorio e delle sue Risorse, Università degli Studi di Genova, Genova, Italy, <sup>2</sup> Istituto Superiore per la Protezione e la Ricerca Ambientale, Roma, Italy, <sup>3</sup> Dipartimento di Scienze della Vita e dell'Ambiente, Università Politecnica delle Marche, Ancona, Italy, <sup>4</sup> Istituto Nazionale di Oceanografia e di Geofisica Sperimentale di Trieste, Trieste, Italy; Istituto di Scienze Marine - CNR U.O.S. Bologna, Bologna, Italy

# Fondi a spugne

Banco Amendolara/Canyon di Bari



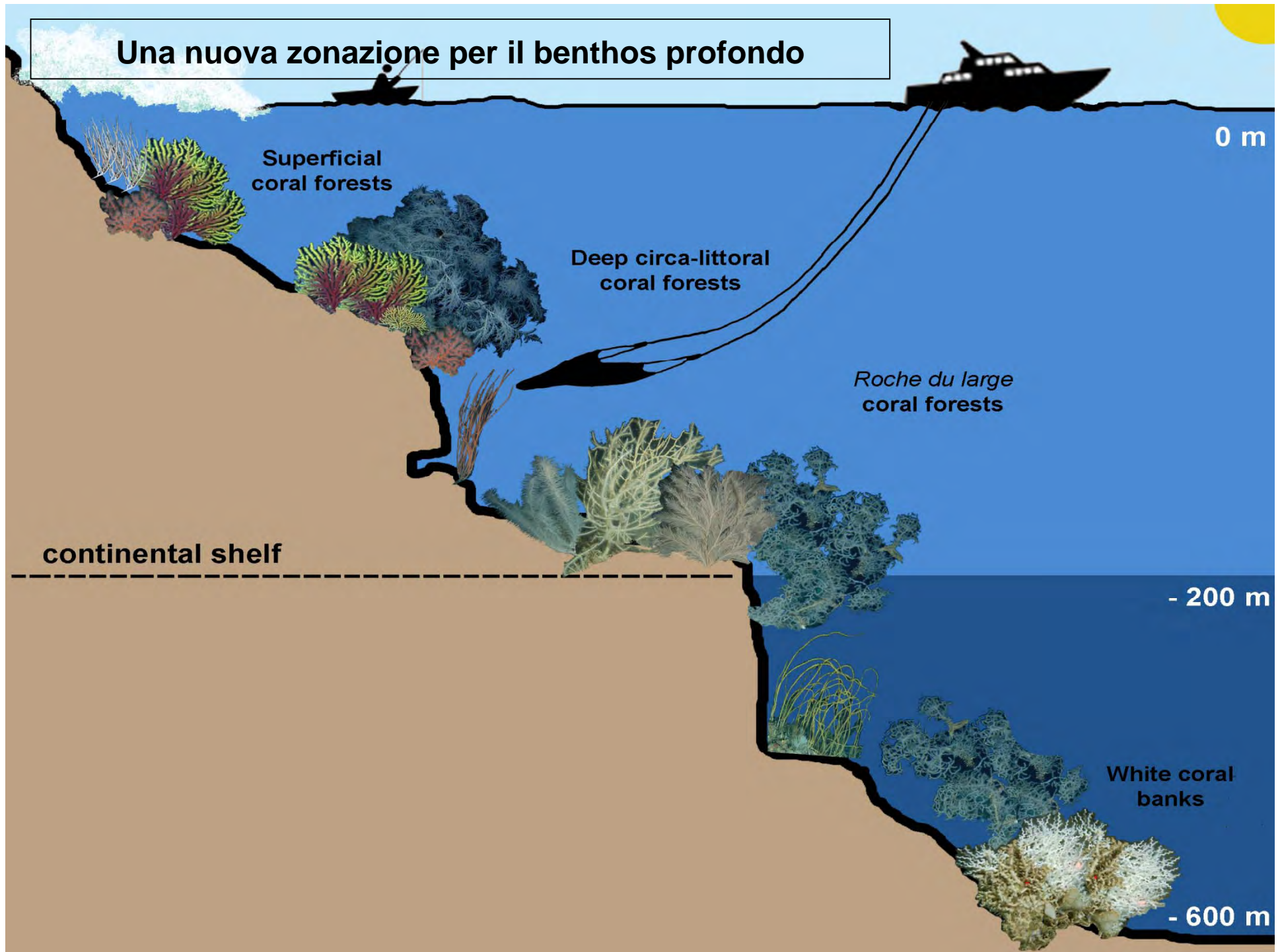
Hydrobiologia  
DOI 10.1007/s10750-011-0964-1

## 1 SPONGE RESEARCH DEVELOPMENTS

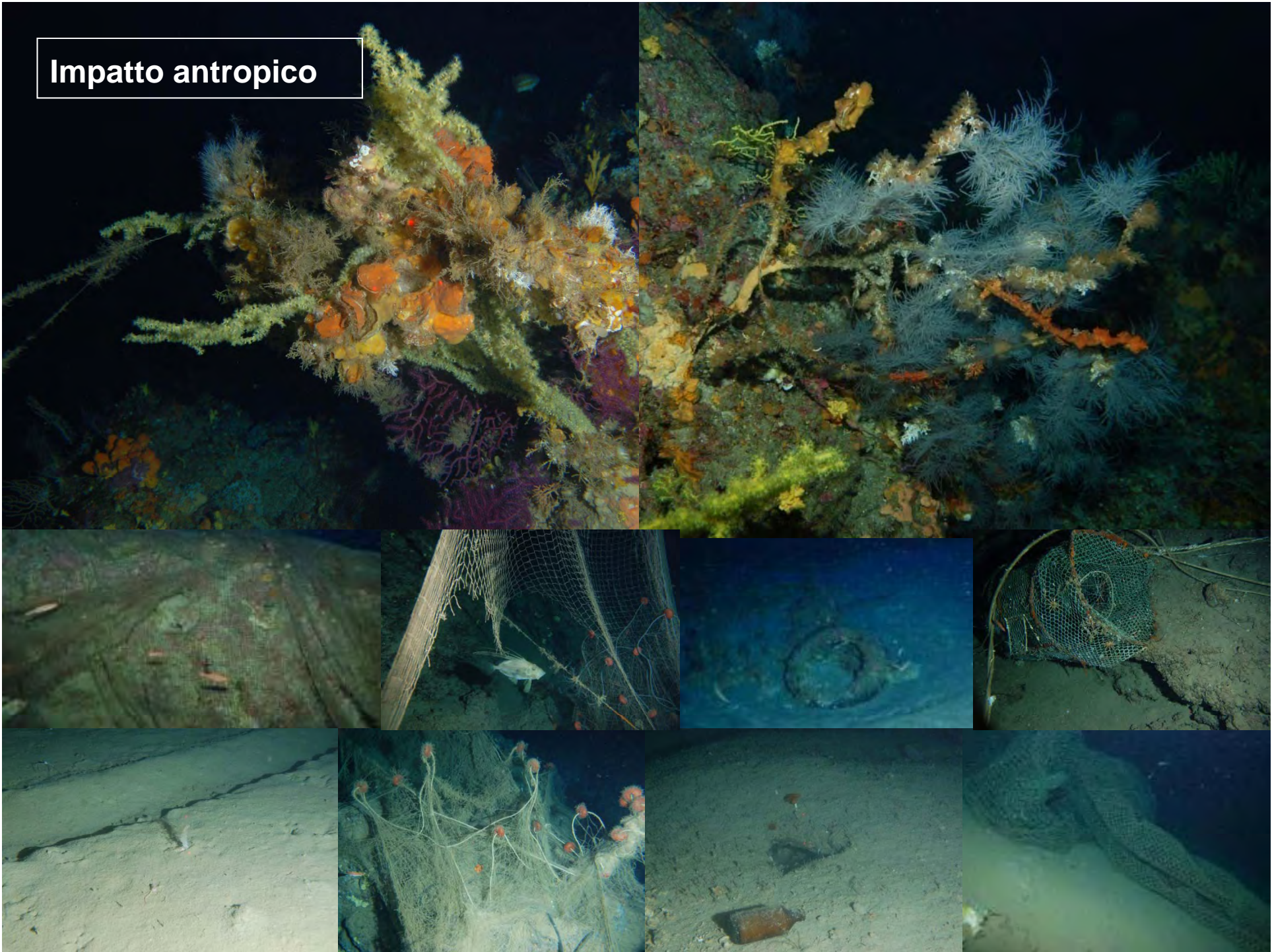
### 2 Role of deep sponge grounds in the Mediterranean Sea: 3 a case study in southern Italy

4 Marzia Bo · Marco Bertolino · Giorgio Bavestrello ·  
5 Simonepietro Canese · Michela Giusti · Michela Angiolillo ·  
6 Maurizio Pansini · Marco Taviani

# Una nuova zonazione per il benthos profondo



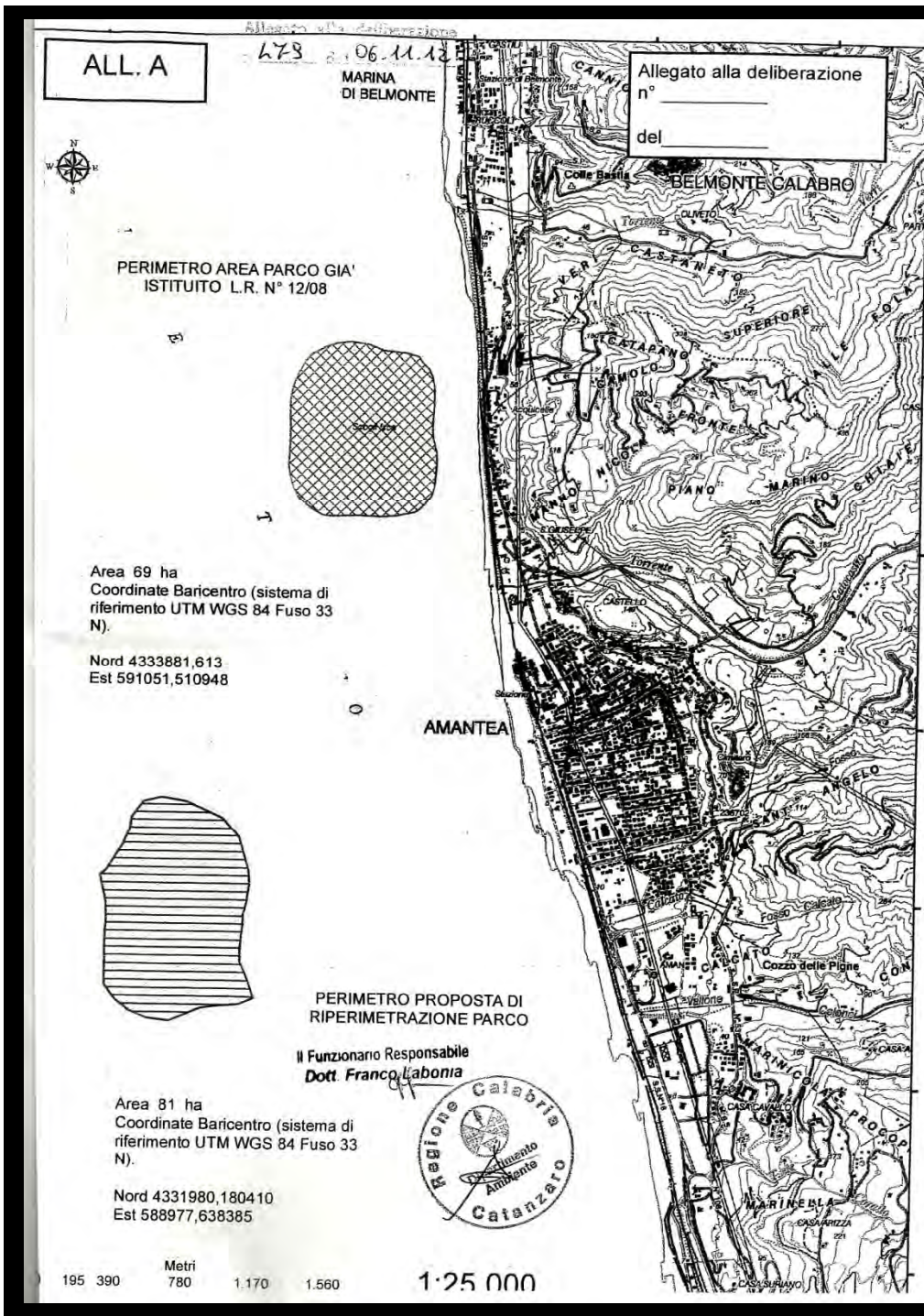
**Impatto antropico**



# Protezione







## Aree marine protette off-shore

MPA “Scogli d’Isca” (Calabria regional deliberation #479, 06/11/2012)

MPA “Isola di Bergeggi” (Liguria regional deliberation #613, 29/05/2012)

## Update of Anthozoan Red List

IUCN Red List Assessor Training Workshop



