

Curriculum Vitae Bo Marzia



Redatto sotto forma di DICHIARAZIONE
SOSTITUTIVA AI SENSI dell'art. 46 DEL
D.P.R. 445/00

Personal information

Surname and Name

Bo Marzia

Addresses

Telephones

E-mails

marzia.bo@unige.it

Nationality

Italian

Date of birth

Occupational field

Marine Biology and Ecology

Bibliometric data (28.03.2017): h-index: 16, Citations: 805

ORCID: 0000-0001-8400-6722

National Academic Qualification as Associate Professor 2012

Education and training

Dates

November 2005 - January 2009

Name and type of organisation
providing education and training

Università Politecnica delle Marche

Title of qualification awarded

PhD Degree in Marine Biology and Ecology

Thesis entitled: *Taxonomy and Ecology of Antipatharians*

Dates

October 2003 - July 2005

Name and type of organisation
providing education and training

Università Politecnica delle Marche

Title of qualification awarded

Specialist Bachelor's Degree in Marine Biology, Curriculum Biodiversity and Marine Resources Management - 110/110 cum laude and Honours.

Thesis entitled: *Sistematica ed Ecologia degli Antipatari (Cnidaria, Anthozoa) del Parco Marino di Bunaken (Nord Sulawesi, Indonesia)*

Practical Stage (150 hours): Population structure of *Pholas dactylus* along the Conero Promontory.

National enablement for the profession of Specialist Biologist (marine address) obtained in November 2005, during the second session of exams of the Faculty of Science, Università Politecnica delle Marche, Italy.

Dates

October 2000 - November 2003

Name and type of organisation
providing education and training

Università Politecnica delle Marche

Title of qualification awarded

1st Level Bachelor's Degree in Biology - Marine Biology Studies - 110/110 cum laude

Thesis entitled: *Impatto del turismo subacqueo sulle comunità bentoniche di substrato duro*

Practical Stage (120 hours): Sorting of micro and macrobenthos with the realization of museum preparations.

Dates September 1996 - July 2000
 Name and type of organisation providing education and training European School of Varese
 Title of qualification awarded European Baccalaureate - 84.88/100

Work experiences

Type of business or sector Scientific consultancy
 Dates December 2016
 Occupation or position held Consultant
 Name and address of employer Food and Agriculture organization of the United Nations, FIAFD Division
 Main activities and responsibilities Support the development of two posters on the most common deep-sea sponges and corals occurring in the deep Mediterranean Sea
 Type of business or sector Deep-sea Sponges and Corals Taxonomist

Type of business or sector Scientific Research
 Dates 23 September 2015 – 26 June 2018
 Occupation or position held Three years Researcher A1/BIO05 SIR
 Name and address of employer Prof. Paolo Comanducci, Università degli Studi di Genova, Via Balbi 5, 16126 Genova (GE) Italy.
 Main activities and responsibilities The main task of the BioMount Project is to conduct a large-scale multi-disciplinary study focused on the biocoenotic characterization, through ROV technology, of Tyrrhenian seamounts. Along with the benthic communities, also the mesopelagic, fish and cetaceans assemblages will be considered as indicators of high richness of nutrients and complex trophic net in the proximities of the peaks. The degree of isolation of the mounts will be tested on a large of observation on the basis of both the species composition and biomass of the assemblages and of the genetic characterization of one or more target species. The biocoenotic maps will be integrated in a GIS archive including high resolution topographic maps of the mounts. Finally, specific charts indicating the degree of fishing impact will be created and overlapped to the biocoenotic ones in order to identify the most vulnerable sites.
 Type of business or sector Scientific Research

Dates September 2015 - October 2015
 Occupation or position held Visiting researcher at USA Smithsonian National Museum of Natural History
 Name and address of employer Dr. Stephen Cairns, Department of Invertebrate Zoology, Smithsonian Institution, PO Box 37012, MRC 163, Washington, DC 20013-7012 (USA).
 Main activities and responsibilities Complete taxonomic revision of the whip Japanese black coral (Antipatharia) collection with a morphological approach based on optical and electronic microscopy.
 Type of business or sector Taxonomic research

Type of business or sector Scientific Research
 Dates 28 June 2013 - 27 June 2016
 Occupation or position held Three years Researcher A1/BIO05
 Name and address of employer Prof. Giacomo De Ferrari, Università degli Studi di Genova, Via Balbi 5, 16126 Genova (GE) Italy.
 Main activities and responsibilities Marine biology research focused on the ecology and biology of shallow water and deep water benthos of Mediterranean and tropical ecosystems. Major interests in the taxonomic revision of whip black coral species and the characterization of the twilight coral fauna of the Mediterranean deep-coraligenous assemblages.
 Type of business or sector Scientific Research

Dates	October 2013 - December 2013
Occupation or position held	3-months Freelance Consultancy (COCOPRO) for IUCN (International Union for Conservation of Nature).
Name and address of employer	Dr. Antonio Troya, IUCN Centre for Mediterranean Cooperation, C/ Marie Curie 22, PTA Campanillas, 29590 Malaga, Spain.
Main activities and responsibilities	Taxonomic revision of the Mediterranean Anthozoan list and compilation of the Mediterranean Red List for 11 anthozoan species (gorgonians and black coral). Organization of the Santa Margherita Ligure (Italy) Workshop for Anthozoan Assessment, September 2013. Attendance to the Red List Workshop Assessor Training Workshop, June 2013, Malaga, Spain.
Type of business or sector	Scientific Research
Dates	March 2013 - May 2013
Occupation or position held	Visiting researcher at USA Smithsonian National Museum of Natural History
Name and address of employer	Dr. Stephen Cairns, Department of Invertebrate Zoology, Smithsonian Institution, PO Box 37012, MRC 163, Washington, DC 20013-7012 (USA).
Main activities and responsibilities	Complete taxonomic revision of the whip black coral (<i>Antipatharia</i>) collection with a morphological approach based on optical and electronic microscopy.
Type of business or sector	Taxonomic research
Dates	March 2012 - December 2013
Occupation or position held	5-months Freelance Consultancy (COCOPRO) for CoNISMA (Consorzio Nazionale Inter-Universitario per le Scienze del Mare)
Name and address of employer	Ing. Annibale Cutrona, Via Isonzo, 00198, Roma, Italy.
Main activities and responsibilities	Member of the MIPAF project "Use of ROV (Remote Operated Vehicle) in the applicative definition of the management plans for red coral (<i>Corallium rubrum</i>): management strategies for the species conservation and evaluation of the compatibility of the resource with a potential commercial exploitation along the Italian coasts of the northern-central Tyrrhenian Sea"
Type of business or sector	Scientific Research
Dates	March 2012 - June 2013
Occupation or position held	Post-Doc with 16 months fellowship
Name and address of employer	Prof. Giacomo De Ferrari, Università degli Studi di Genova, Via Balbi 5, 16126 Genova (GE) Italy.
Main activities and responsibilities	Project "LivingStones: cryptic community of the Mediterranean coralligenous". Collection and validation of the previous information related to the cryptic community of the Mediterranean coralligenous communities. Monitoring and experimentation in different localities of the Ligurian Sea. Taxonomic, ecologic and paleontological analysis of the data and re-organization of the information within a web platform.
Type of business or sector	Scientific Research
Dates	March 2011 - October 2011
Occupation or position held	Freelance Consultancy (COCOPRO - BO_ETS010311) with 8-months grant
Name and address of employer	Dr. Monica Armeni, EcoTechSystems S.r.l., Via Caduti del Lavoro 27, 60131, Ancona (AN) Italy, C.F. / P. IVA 02154180422.
Main activities and responsibilities	Bibliographic research and work out of analytical protocols for the production of microbial isolates and metabolites within the project ULIXES (<i>Unravelling and exploiting Mediterranean Sea microbial diversity and ecology for Xenobiotics and pollutantS clean up</i>).
Type of business or sector	Scientific Research

Dates	January 2009 - December 2010
Occupation or position held	Post-Doc with two-years fellowship (COFIN)
Name and address of employer	Prof. Ing. Marco Pacetti, Università Politecnica delle Marche, Piazza Roma, 22, 60100, Ancona (AN) Italy.
Main activities and responsibilities	Study of the Mediterranean and tropical deep coral assemblages. Analysis of the species richness and ecology of some deep coral taxa, like antipatharians, gorgonians and zoantids. The program employs deep sampling methodologies (ROV) for the characterization of both the coralligenous and deep assemblages on a Mediterranean seamount (Vercelli Seamount). Co-financed by Ministry of Instruction and Research, PRIN 2007 project TySEc (<i>Tyrrhenian Seamounts ecosystems: an Integrated Study</i>) and by CenSeam.
Type of business or sector	Scientific Research
Dates	November 2005 - January 2009
Occupation or position held	PhD with three-years fellowship
Name and address of employer	Prof. Ing. Marco Pacetti, Università Politecnica delle Marche, Piazza Roma, 22, 60100, Ancona (AN) Italy.
Main activities and responsibilities	Taxonomy of the Indo-Pacific shallow-waters antipatharians (Cnidaria, Anthozoa) through the observation of morphological and anatomical taxonomic characters. Ecological studies concerning both the diversity, distribution and competition mechanisms of the antipatharian fauna and their feeding, reproduction, growth, defences and symbiosis. Mediterranean studies (ROV) concerning deep antipatharians. Collaborations for phylogenetic analyses, chemical (skeletal composition) and mathematical (3D modelling) studies. Laboratory supervision of other thesis works, administrative organizational works and general logistic.
Type of business or sector	Scientific Research
Dates	April 2008 - August 2008
Occupation or position held	5-months Freelance Consultancy (COCOCO) for Conisma (Consorzio Nazionale Inter-Universitario per le Scienze del Mare)
Name and address of employer	Ing. Annibale Cutrona, Via Isonzo, 00198, Roma, Italy.
Main activities and responsibilities	Member of the Taxonomy Task within the project MATTM_Marine Ecosystems 4 AMP (Scientific Coordinator: Prof. Cesare Corselli) for sponge sampling in the A and B Zones of the Marine Protected Areas of Porto Cesareo, Capo Rizzuto and Asinara (Italy). Sampling of the shallow-water coralligenous sponge assemblages through scuba dives for taxonomic studies.
Type of business or sector	Scientific Research
Dates	November 2007 - October 2008
Occupation or position held	Tutor activity contract with 100-hours grant
Name and address of employer	Prof. Ing. Marco Pacetti, Università Politecnica delle Marche, Piazza Roma, 22, 60100, Ancona (AN) Italy.
Main activities and responsibilities	Collaboration for various educative activities, including practical laboratories within the course of Zoology, support for students and exams.
Type of business or sector	Tutor activity
Dates	November 2006 - October 2007
Occupation or position held	Tutor activity contract with 100-hours grant
Name and address of employer	Prof. Ing. Marco Pacetti, Università Politecnica delle Marche, Piazza Roma, 22, 60100, Ancona (AN) Italy.

Main activities and responsibilities

Collaboration for various educative activities, including practical laboratories within the course of Cytology and Histology, support for students and exams.

Type of business or sector

Tutor activity

Personal skills and competences

Mother tongue

Italian

Other languages

Level	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Fluent	Fluent	Excellent
German	Average	Average	Average	Average	Average

Certifications

- Linguistic certification released by the European School of Varese for English and German
- EF Language English Course, Bedgebury Park, UK, 1994
- DiD Feriensprachkurs Deutsch, Marburg, Germany, 1995

Awards

- UZI Marine Biodiversity Award (to attend the World Conference on Marine Biodiversity, 26-30 September 2011, Aberdeen Scotland)

Commissions

- Comitato Benthos, Società Italiana Biologia Marina
- IUCN Italia, Red List Anthozoa
- IUCN Mediterranean Sea, Red List Anthozoa

Editorial boards

- Scientific Editorial Board Genoa University Press

Publications

Papers:

1. Di Camillo C., **Bo M.**, Puce S., Tazioli S., Bavestrello G. 2006. The Cnidome of *Caribdea marsupialis* (L., 1758) (Cnidaria, Cubomedusae) from the Adriatic Sea. *Journal of the Marine Biological Association of the United Kingdom*, 86: 705-709.
2. Tazioli S., **Bo M.**, Boyer M., Rotinsulu H., Bavestrello G. 2007. Ecology of some common antipatharians from the Marine Park of Bunaken (North Sulawesi, Indonesia). *Zoological studies*, 46: 227-241.
3. Lapien H.F.N., Barucca M., Bavestrello G., Biscotti M.A., **Bo M.**, Canapa A., Tazioli S., Olmo E. 2007. A systematic study of some Black Corals species (Antipatharia, Hexacorallia) based on rDNA internal transcribed spacers sequences. *Marine Biology*, 151: 785-792.
4. Di Camillo C., **Bo M.**, Puce S., Tazioli S., Froggia C., Bavestrello G. 2008. The epibiontic assemblage of *Geryon longipes* (Crustacea: Decapoda: Geryonidae) from Southern Adriatic Sea. *Italian Journal of Zoology*, 75: 29-35.
5. **Bo M.**, Tazioli S., Spanò N., Bavestrello G. 2008. *Antipathella subpinnata* (Antipatharia, Myriopathidae) in Italian seas. *Italian Journal of Zoology*, 75: 185-195.
6. Gaino E., **Bo M.**, Boyer M., Scoccia F. 2008. Sperm morphology in the black coral *Cirripathes* sp. (Anthozoa, Antipatharia). *Invertebrate Biology*, 127: 249-258.
7. Di Camillo C., **Bo M.**, Lavorato A., Morigi C., Segre Reinach M., Puce S., Bavestrello G. 2008. Foraminifers epibiontic on *Eudendrium* (Cnidaria: Hydrozoa) from the Mediterranean Sea. *Journal of the Marine Biological Association of the United Kingdom*, 88: 485-489.
8. **Bo M.**, Di Camillo C., Addamo A. M., Valisano L., Bavestrello G. 2009. Growth strategies of whip black corals in the Bunaken Marine Park (Celebes Sea, Indonesia). *Marine Biodiversity Records*, 2: 1-6.
9. **Bo M.**, Barucca M., Biscotti M.A., Canapa A., Lapien H.F.N., Olmo E., Bavestrello G.

2009. Description of *Pseudocirripathes* (Cnidaria: Anthozoa: Hexacorallia: Antipathidae) a new genus of whip black corals from the Indo-Pacific. *Italian Journal of Zoology*, 76: 392-402.
10. **Bo M.**, Bavestrello G., Canese S., Giusti M., Salvati E., Angiolillo M., Greco S. 2009. Characteristics of a black coral meadow in the twilight zone of the central Mediterranean Sea. *Marine Ecology Progress Series*, 397: 53-61.
 11. Di Camillo C., **Bo M.**, Puce S., Bavestrello G. 2010. Association between *Dentitheca habeneri* (Cnidaria: Hydrozoa) and two zoanthids. *Italian Journal of Zoology*, 77: 81-91.
 12. Di Camillo C., Betti F., **Bo M.**, Martinelli M., Puce S., Bavestrello G. 2010. Contribution to the understanding of seasonal cycle of *Aurelia aurita* (Cnidaria, Scyphozoa) scyphopolyps in the northern Adriatic Sea. *Journal of the Marine Biological Association of the United Kingdom*, 90: 1105-1110.
 13. Puce S., **Bo M.**, Di Camillo C.G., Paoli L., Pica D., Bavestrello G.. 2010. Morphology and development of the early growth stages of an Indonesian *Stylaster* (Cnidaria: Hydrozoa). *Journal of the Marine Biological Association of the United Kingdom*, 90: 1145-1151.
 14. Salvati E., Angiolillo M., **Bo M.**, Bavestrello G., Giusti M., Cardinali A., Puce S., Spaggiari C., Greco S., Canese S. 2010. The population of *Errina aspera* (Hydrozoa, Stylasteridae) of the Messina Strait (Mediterranean Sea). *Journal of the Marine Biological Association of the United Kingdom*, 90: 1331-1336.
 15. **Bo M.**, Bertolino M., Borghini M., Castellano M., Covazzi Harriague A., Di Camillo C.G., Gasparini G. P., Misic C., Povero P., Schroeder K., Bavestrello G. 2011. Characteristics of the mesophotic megabenthic assemblage of the Vercelli Seamount (North Tyrrhenian Sea). *PLoS-One*, 6: e16357.
 16. **Bo M.**, Bavestrello G., Canese S., Giusti M., Angiolillo M., Cerrano C., Salvati E., Greco S. 2011. Coral assemblages off the Calabrian Coast (South Italy) with new observations on living colonies of *Antipathes dichotoma*. *Italian Journal of Zoology*, 78: 231-242.
 17. **Bo M.**, Gaino E., Baker A., Wirshing H., Scoccia F., Bavestrello G. 2011. First description of algal mutualistic endosymbiosis in a black coral (Anthozoa: Antipatharia). *Marine Ecology Progress Series*, 435: 1-11 (Feature Article).
 18. **Bo M.**, Di Camillo C.G., Puce S., Canese S., Giusti M., Bavestrello G. 2011. A tubulariid hydroid associated with anthozoans from the Mediterranean Sea. *Italian Journal of Zoology*, 78: 487-496.
 19. **Bo M.**, Lavorato A., Di Camillo C.G., Poliseo A., Baquero A., Bavestrello G., Irei Y., Reimer J.D. 2012. Black coral assemblages from Machalilla National Park (Ecuador). *Pacific Science*, 66: 63-81.
 20. Betti F., **Bo M.**, Di Camillo C.G., Bavestrello G. 2012. Life history of *Cornularia cornucopiae* (Anthozoa: Octocorallia) on the Conero Promontory (North Adriatic Sea). *Marine Ecology*, 33: 49-55.
 21. Di Camillo C.G., Coppari M., Bartolucci I., **Bo M.**, Betti F., Bertolino M., Calcinaì B., Cerrano C., De Grandis G., Bavestrello G. 2012. Temporal variations in growth and reproduction of *Tedania anhelans* and *Chondrosia reniformis* in the North Adriatic Sea. *Hydrobiologia*, 687: 299-313.
 22. **Bo M.**, Bertolino M., Bavestrello G., Canese S., Giusti M., Angiolillo M., Pansini M., Taviani M. 2012. Role of deep sponge grounds in the Mediterranean Sea: a case study in southern Italy. *Hydrobiologia*, 687: 163-177.
 23. Giusti M., **Bo M.**, Bavestrello G., Angiolillo M., Salvati M., Canese S. 2012. Record of *Viminella flagellum* (Alcyonacea: Ellisellidae) in Italian waters (Mediterranean Sea). *Marine Biodiversity Records*, 5: e34.
 24. Angiolillo M., **Bo M.**, Bavestrello G., Giusti M., Salvati E., Canese S. 2012. Record of *Ellisella paraplexauroides* Stiasny, 1936 (Anthozoa: Alcyonacea: Ellisellidae) in Italian waters (Mediterranean Sea). *Marine Biodiversity Records*, 5: e4.
 25. Bavestrello G., Cattaneo-Vietti R., Di Camillo C.G., **Bo M.** 2012. Helicospiral growth in the whip black coral *Cirripathes* sp. (Antipatharia, Antipathidae). *The Biological Bulletin*, 222: 17-25.
 26. **Bo M.**, Bavestrello G., Barucca M., Makapedua D.M., Poliseo A., Canapa A., Olmo E. 2012. Morphological and molecular characterization of the problematic whip black coral genus *Stichopathes* (Hexacorallia: Antipatharia) from Indonesia (North Sulawesi, Celebes Sea). *Zoological Journal of the Linnean Society*, 166: 1-13.
 27. Misic C., Bavestrello G., **Bo M.**, Borghini M., Castellano M., Covazzi Harriague A., Massa F., Spotorno F., Povero P. 2012. The "seamount effect" as revealed by organic matter dynamics at a shallow-depth seamount in the Tyrrhenian Sea (Vercelli Seamount, W

- Mediterranean). *Deep Sea Research I*, 67: 1-11.
28. Di Camillo C.G., Betti F., **Bo M.**, Martinelli M., Puce S., Bavestrello G. 2012. Population dynamics of *Eudendrium racemosum* (Cnidaria, Hydrozoa) from the North Adriatic Sea. *Marine Biology*, 159:1593-1609.
 29. **Bo M.**, Bavestrello G., Kurek D., Paasch S., Brunner E., Born R., Galli R., Stelling A.L., Sivkov V.N., Petrova O., Vyalikh D., Kummer, K., Molodtsov S.L., Nowak D., Nowak J., Ehrlich H. 2012. Isolation and identification of chitin in the black coral *Parantipathes larix* (Anthozoa: Cnidaria). *International Journal of Biological Macromolecules*, 51: 129-137.
 30. Di Camillo C.G., Luna G.M., **Bo M.**, Giordano G., Corinaldesi C., Bavestrello G. 2012c. Biodiversity of Prokaryotic Communities Associated with the Ectoderm of *Ectopleura crocea* (Cnidaria, Hydrozoa). *Plos-One*, 7: e39926.
 31. **Bo M.**, Canese S., Spaggiari C., Pusceddu A., Bertolino M., Angiolillo M., Giusti M., Loreto M.F., Salvati E., Greco S., Bavestrello G. 2012. Deep coral oases in the South Tyrrhenian Sea. *PLoS-One*, 7: e49870.
 32. Di Camillo C.G., Giordano G., **Bo M.**, Betti F., Mori M., Puce S., Bavestrello G. 2013. The life history of *Ectopleura crocea* (Cnidaria: Hydrozoa) on a wreck in the North Adriatic Sea. *Marine Ecology*, 34: 25-32.
 33. Gaino E., Bavestrello G., Boyer M., Scoccia F., **Bo M.** 2013. Biological and ecological relevance of black corals (Antipatharia) in the benthic environment. In: Corals: Classification, Habitat and Ecological Significance. Liñán-Cabello M.A. (ed), NOVA Science Publishers, Inc. New York, pp. 37-74. ISBN: 978-1-62257-066-9.
 34. **Bo M.**, Rouse G.W., Martin D., Bavestrello G. 2014. A myzostomid endoparasitic in black corals. *Coral Reefs*, 33: 273.
 35. **Bo M.**, Canese S., Bavestrello G. 2014. Discovering Mediterranean black coral forests: *Parantipathes larix* (Anthozoa: Hexacorallia) in the Tuscan Archipelago, Italy. *Italian Journal of Zoology*, 81: 112-125.
 36. **Bo M.**, Cerrano C., Canese S., Salvati E., Angiolillo M., Santangelo G., Bavestrello G. 2014. The coral assemblages of an off-shore deep Mediterranean rocky bank (NW Sicily, Italy). *Marine Ecology*, 35: 332-342.
 37. **Bo M.**, Bava S., Canese S., Angiolillo M., Cattaneo-Vietti R., Bavestrello G. 2014. Fishing impact on deep Mediterranean rocky habitats as revealed by ROV investigation. *Biological Conservation*, 171: 167-176.
 38. Gaino E., **Bo M.**, Betti F., Bertolino M., Scoccia F., Bavestrello G. 2014. Ultrastructural evidence of a fungus-sponge association in the Ligurian Sea: a case study of *Clathrina coriacea* (Porifera: Calcarea). *Italian Journal of Zoology*, 81: 501-507.
 39. Bavestrello G., **Bo M.**, Canese S., Sandulli R., Cattaneo-Vietti R. 2014. The red coral populations of the gulfs of Naples and Salerno: human impact and deep mass mortalities. *Italian Journal of Zoology*, 81, 552-563.
 40. Harriague A.C., Bavestrello G., **Bo M.**, Borghini M., Castellano M., Majorana M., Massa F., Montella A., Povero P., Misis C. 2014. Linking Environmental Forcing and Trophic Supply to Benthic Communities in the Vercelli Seamount Area (Tyrrhenian Sea). *PLoS ONE*, 9: e110880.
 41. Bertolino M., **Bo M.**, Canese S., Bavestrello G., Pansini M. 2015. Deep sponge communities of the Gulf of St Eufemia (Calabria, southern Tyrrhenian Sea), with description of two new species. *Journal of the Marine Biological Association of the United Kingdom*, 95: 1371-1387.
 42. **Bo M.**, Opresko D. 2015. Redescription of *Stichopathes pourtalesi* Brook, 1889 (Cnidaria: Anthozoa: Antipatharia: Antipathidae). *Breviora, Museum of the Comparative Zoology*, 540: 1-18.
 43. **Bo M.**, Bavestrello G., Angiolillo A., Calcagnile L., Canese S., Cannas R., Cau Al., D'Elia M., D'Orlando F., Follesa M.C., Quarta G., Cau A. 2015. Persistence of pristine deep-sea coral gardens in the Mediterranean Sea (SW Sardinia). *Plos ONE*, 10: e0119393.
 44. Angiolillo M., di Lorenzo B., Farcomeni A., **Bo M.**, Bavestrello G., Cau A., Mastascusa V., Canese S. 2015. Distribution and Assessment of Marine Debris in the Deep Tyrrhenian Sea (NW Mediterranean Sea, Italy). *Marine Pollution Bulletin*, 92: 149-159.
 45. Deidun A., Andaloro F., Bavestrello G., Canese S., Consoli P., Micallef A., Romeo T., **Bo M.** 2015. First characterization of a *Leiopathes glaberrima* (Cnidaria: Anthozoa: Antipatharia) forest in Maltese exploited fishing grounds. *Italian Journal of Zoology*, 82: 271-280.

46. Cau A., Follesa M.C., Moccia D., Alvito A., **Bo M.** Angiolillo M., Canese S., Paliaga E.M., Orrù P.E., Sacco F., Cannas, R. 2015. Deepwater corals biodiversity along roche du large ecosystems with different habitat complexity along the south Sardinia continental margin (CW Mediterranean Sea). *Marine Biology*, 162: 1865-1878.
47. Würtz M., Rovere M., **Bo M.** 2015. Introducing the Mediterranean Seamount Atlas: general aspects. In: Würtz, M. & M. Rovere (Eds). Atlas of the Mediterranean Seamounts and Seamount-like Structures. Gland, Switzerland and Málaga, Spain: IUCN. pp. 11-19. ISBN: 978-2-8317-1750-0.
48. Gomez-Ballester M., Vazquez J.T., Palomino D., Rovere M., **Bo M.**, Alessi J., Fiori C., Würtz M. 2015. Seamounts and Seamount-Like Structures of the Western Mediterranean. In: Würtz, M. & M. Rovere (Eds). Atlas of the Mediterranean Seamounts and Seamount-like Structures. Gland, Switzerland and Málaga, Spain: IUCN. pp. 59-110. ISBN: 978-2-8317-1750-0.
49. Rovere M., **Bo M.**, Alessi J., Paoli C., Fiori C., Roccatagliata N. 2015. Seamounts and Seamount-Like Structures of the Tyrrhenian Sea. In: Würtz, M. & M. Rovere (Eds). Atlas of the Mediterranean Seamounts and Seamount-like Structures. Gland, Switzerland and Málaga, Spain: IUCN. pp. 111-186. ISBN: 978-2-8317-1750-0.
50. Bavestrello G., **Bo M.**, Bertolino M., Betti F., Cattaneo-Viatti, R. 2015. Long-term comparison of structure and dynamics of the red coral metapopulation of the Portofino Promontory (Ligurian Sea): a case-study for a Marine Protected Area in the Mediterranean Sea. *Marine Ecology*, 36: 1354-1363.
51. Bertolino M., Betti F., **Bo M.**, Cattaneo-Viatti R., Pansini M., Romero J., Bavestrello G. 2016. Changes and stability of a Mediterranean sponge community over 25 years. *Journal of the Marine Biological Association of the United Kingdom*, 96: 341-350.
52. Cau A., Bramanti L., Cannas R., Follesa M. C., Angiolillo M., Canese S., **Bo M.**, Cuccu D., Guizien, K. 2016. Habitat constraints and self-thinning shape Mediterranean red coral deep population structure: implications for conservation practice. *Scientific Reports*, 6: 23322.
53. Angiolillo M., Gori A., Canese S., **Bo M.**, Priori C., Bavestrello G., Salvati E., Erra F., Greenacre M., Santangelo G. 2016. Distribution and population structure of deep-dwelling red coral in the Northwest Mediterranean. *Marine Ecology*, 37: 294-310.
54. Cánovas-Molina A., Montefalcone M., Bavestrello G., Cau A., Bianchi C.N., Morri C., Canese S., **Bo M.** 2016. A new ecological index for the status of mesophotic megabenthic assemblages in the Mediterranean based on ROV photography and video footage. *Continental Shelf Research* 121: 13-20.
55. Pica D., Tribollet A., Golubic S., **Bo M.**, Di Camillo C.G., Bavestrello G., Puce S. 2016. Microboring organisms in living stylasterid corals (Cnidaria, Hydrozoa). *Marine Biology Research*, 12: 573-582.
56. Cattaneo-Viatti R., **Bo M.**, Cannas R., Cau A., Follesa C., Meliàdò E., Russo G.F., Sandulli R., Santangelo G., Bavestrello G. 2016. An overexploited Italian treasure: past and present distribution and exploitation of the precious red coral *Corallium rubrum* (L., 1758)(Cnidaria: Anthozoa). *Italian Journal of Zoology*, 83: 443-455.
57. **Bo M.**, Bavestrello G. 2016. Foreste sommerse: storia di una ricerca italiana. In: Albertelli G., Petrillo G., Pestarino M., Pusillo L. & S. Squarcia (Eds). Un Mare di Scienza. Conferenze della Scuola di Scienze Matematiche, Fisiche e Naturali (2014-2015). Genoa University Press, Genova. pp. 73-82. ISBN: 978-88-97752-61-5.
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63. Rueda J.L., Urra J., Aguilar R., Angeletti L., **Bo M.**, Garcia-Ruiz C., González-Duarte M., López E., Madurell T., Maldonado M., Mateo-Ramírez A., Megina C., Moreira J., Moya F., Ramalho L., Rosso A., Sitjá C., Taviani M.. 2017. Cold-water coral associated fauna in the Mediterranean Sea and adjacent areas. In: Orejas, C.& Jiménez C. (Eds). *Past, Present and Future of Mediterranean Cold-water Corals (Coral Reefs of the World Series)*, Springer International Publishing, in press.
64. **Bo M.**, Bavestrello G. 2017. Mediterranean black coral communities. In: Orejas, C.& Jiménez C. (Eds). *Past, Present and Future of Mediterranean Cold-water Corals (Coral Reefs of the World Series)*, Springer International Publishing, in press.
65. Chimienti G., **Bo M.**, Taviani M., Mastrototaro F. 2017. Occurrence and biogeography of Mediterranean CWCs. In: Orejas, C.& Jiménez C. (Eds). *Past, Present and Future of Mediterranean Cold-water Corals (Coral Reefs of the World Series)*, Springer International Publishing, in press.
66. Gori A., Grinyó J., Dominguez-Carrió C., Ambroso S., Gili J. M., Bavestrello G., **Bo. M.** 2017. Deep Gorgonian Populations in the Mediterranean Sea. In: Orejas, C.& Jiménez C. (Eds). *Past, Present and Future of Mediterranean Cold-water Corals (Coral Reefs of the World Series)*, Springer International Publishing, in press.

Others:

Salvati E., **Bo M.**, Rondinini C., Battistoni A., Teofili C. (Eds.). 2014. *Lista Rossa IUCN dei coralli Italiani*. Comitato italiano IUCN e Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Roma. Pp. 42.

Otero M.M., Numa C., **Bo M.**, Orejas C., Garrabou J., Cerrano C., Kružić P., Antoniadou C., Aguilar R., Linares C., Ocaña O., Kersting D., Maldonado M., Goffredo S. 2016. Overview of the conservation status of Mediterranean anthozoans. IUCN, Malaga, Spain. 73 pp.

Xavier J., **Bo M.** 2017. *Deep-Sea Sponges of the Mediterranean Sea*. Food and Agriculture Organization of the United Nations, Infographic Collection.

Bo M. 2017. *Deep-Sea Corals of the Mediterranean Sea*. Food and Agriculture Organization of the United Nations, Infographic Collection.

Projects

Coordinator

UNIGE FRA2016 (580 euros). Fondi per la Ricerca di Ateneo.

UNIGE FRA2015 (800 euros) Fondi per la Ricerca di Ateneo.

SIR BIOMOUNT 2015-2018. Biodiversity patterns of the Tyrrhenian Seamounts. RBS114HC90. (268301 euros).

ENPI-EU-ECOSAFIMED 2014-2015. Towards Ecosystem Conservation and Sustainable Artisanal Fisheries in the Mediterranean basin (244000 euros) (National Coordinator).

UNIGE PRA2014 (4660 euros). Impatti delle specie alloctone sulle biocenosi liguri: casi di studio in ambiente marino e terrestre.

UNIGE PRA2013 (4194 euros). Impatti delle specie alloctone sulle biocenosi liguri: casi di studio in ambiente marino e terrestre

Participant

MARINE STRATEGY LIGURIA 2016 (Italian Ministry for Environment and Ligurian Regional Environmental Protection Agency) Monitoraggio ambientale Liguria 40-100m (Participant, 36000 euros, G. Bavestrello Coordinator)

MARINE STRATEGY LIGURIA 2015 (Italian Ministry for Environment and Ligurian Regional Environmental Protection Agency) Monitoraggio ambientale Liguria 40-100m (Participant, 36000 euros, G. Bavestrello Coordinator)

LAWIBLUE 2014-2015 Biologic and ecologic characterization of the Puyuhuapi Channel (Late Winter Bloom Experiment), Fjord region, Patagonia, Chile (Participant, Giovanni Daneri Coordinator)

CORALLO ROSSO E ROV 2012-13 (Italian Ministry of Agriculture and Forestry and Regione Sardegna) Uso del ROV (Remotely Operated Vehicle) nella definizione applicativa di piani di gestione per il corallo rosso Italian Ministry for Agriculture and Fishing (Participant, 120000 euros, G. Bavestrello and A. Cau Coordinators)

CORALLO ROSSO 2010-2012 (Italian Ministry for Environment) Studio dei banchi di corallo rosso. (Participant, 120000 euros, G. Santangelo Coordinator)

UNIGE PRA 2012. (University of Genova) Impatti delle specie alloctone sulle biocenosi liguri: casi di studio in ambiente marino e terrestre (Participant, 4000 euros, G. Bavestrello Coordinator)

COCONET 2010 (EU Commission) Towards COast to COast NETWORKS of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potentials. (Participant, 20000 euros, F. Boero Coordinator)

PRIN 2010-11 (Italian Ministry for Scientific Research, MIUR) Biocostruzioni costiere: struttura, funzione, e gestione (Post-Doc, 79000 euros, G. Bavestrello Coordinator)

RITMARE 2012-14 (Italian Ministry for Scientific Research, MIUR) Funzionamento eco sistemico costiero e connessioni con il sistema profondo (Participant, 100000 euros, F. Boero Coordinator)

PRIN 2007 (2009-2010) (Italian Ministry for Scientific Research, MIUR) Tyrrhenian Seamounts ecosystems: an Integrated Study (TySEc) (Post-Doc, 120000 euros, G. Bavestrello Coordinator) with contribute of CENSEAM 2009-2010 (5000 euros) for Tyrrhenian Seamounts ecosystems: an Integrated Study (TySEc)

INTERLINK 2004-06 (Italian Ministry for Foreign Affairs, MAE) Conoscenza e gestione della Biodiversità delle Scogliere coralline Indonesiane (Participant, 90000 euros, G. Bavestrello Coordinator)

Academic activity

Courses

Zoology and Laboratory of Zoology, Co-Professor

1st Level Bachelor's Degree in Biology, DISTAV, Università degli Studi di Genova

2CFU

Academic years: 2013-2014, 2014-2015, 2015-2016, 2016-2017

Benthology, Professor

Specialist Bachelor's Degree in Marine Sciences, DISTAV, Università degli Studi di Genova

6CFU

Academic years: 2015-2016, 2016-2017

29 Marzo 2017

