

Paola Parretti

Personal information

E-mail	paola.parretti@gmail.com
Mobile	+351 937964964
Address	Rua Da Vista Alegre, 2C, 1ºdireito, 9900-071 Horta (Portugal)
Date of birth	18/10/1983
Nationality	Italian
Gender	Female

Work experience

Fellowships

15/05/2012 - 15/08/2015	Research fellowship within the project “SeaProlif (SEAweed PROliferations)” granted by NETBIOME (NETworking tropical and subtropical Biodiversity research in OuterMost regions and territories of Europe in support of sustainable development). Supervisor: Dr. Ricardo Santos and Dr. Joao Gama Monteiro (IMAR-DOP, University of the Azores)
Institution	IMAR-DOP Department of Oceanography and Fisheries, University of the Azores, Horta, Azores (Portugal)
11/04/2011 - 11/04/2012	Research fellowship within project BIOMOUNT “Microbial biodiversity and functional role in benthic food webs of the Condor seamount (NE Atlantic)” granted by FCT (Fundação para a Ciências e a Tecnologia, Portugal). Supervisor: Dr. L. Bongiorno (IMAR, DOP, University of the Azores).
Institution	IMAR-DOP Department of Oceanography and Fisheries, University of the Azores, Horta, Azores (Portugal)
01/09/2010 - 28/02/2011	Research scholarship within Campus World program. Supervisor: Dr. L. Bongiorno
Institution	IMAR-DOP Department of Oceanography and Fisheries, University of the Azores, Horta, Azores (Portugal)

Internships and field works

17 - 28/03/2014	Sampling of coral species for genetic analysis in the framework of project SeaProlif (New Caledonia).
15/06/2012 - 15/06/2014	Monitoring presence and abundance of <i>Asparagopsis</i> sp. and characterization of benthos in the framework of SeaProlif project (Azores, Portugal).
11/2008 - 06/2010	Internship for MSc thesis: “Biodiversity and functioning within sediments of Dauno seamount (Adriatic Sea)”
Institution	Polytechnic University of Marche, Ancona (Italy)
06/2008	Visual census in the framework of the Coastal Environment Monitoring project, (Gallinara island, Tyrrhenian Sea).
01 - 30/09/2005	Monitoring feeding behaviour of <i>Chaetodon baronessa</i> , <i>C. meyeri</i> and <i>C. lunulatus</i> (Manado, Sulawesi, Indonesia).

Research cruises

10 - 16/09/2010	Condor seamount, Azores, NE Atlantic Ocean on board of R/V Arquipelago in the framework of the CONDOR project (EEA Grants)
-----------------	--

05 - 11/11/2009	Gulf of Lion, NW Mediterranean on board of R/V L'Europe in the framework of HERMIONE project (EU-FP7).
13 - 29/06/2009	TRANSMED Crete-Barcelona, Mediterranean Sea on board of R/V Sarmiento de Gamboa, in the framework of BIOFUN project (BioDeep, European Science Foundation).
17 - 26/03/2009	Bari slope, Adriatic Sea on board of R/V Urania, in the framework of HERMIONE project (EU-FP7).
Others	
15/05/2012 - 15/12/2012	Operational dive planning within the program " <i>Caulerpa webbiana</i> " granted by DRAM (Direção Regional do Ambiente Marino, Azores, Portugal).
01/02/2013 - 7/03/2013	Organization of the Marine Bioinvasion Workshop (Secretariat) held in Horta, Azores (Portugal) 5-7 March 2013.
2002	Dive Master Licence and EFR Instructor, PADI

Education and training

Degrees

15/07/2010	Master Degree in Marine Biology (103/110). Thesis title: "Biodiversity and ecosystem functioning within the sediment of Dauno Seamount (Adriatic Sea)". Supervisors: Prof. A. Pusceddu, Prof. R. Danovaro, Dr. D. Zeppilli (Polytechnic University of Marche)
Institution	Polytechnic University of Marche, Ancona (Italy)
25/10/2007	Bachelor degree in Biology Science (94/110). Thesis title: "Feeding habits of <i>Chaetodon baronessa</i> , <i>C. lunulatus</i> , <i>C. meyeri</i> ". Supervisors: Prof. P. Galli (University of Milano-Bicocca) and Dr. M. Boyer.
Institution	University of Milano-Bicocca, Milan (Italy)

Courses and workshops

16/02/2015 - 26/03/2015	Online course: "Pathways to climate change adaptation: the case of Small Island Developing States"
Institution	University of Geneva (Switzerland).
26 - 29/11/2013	Meioscool2013 Meiofauna International Workshop A dive in a microscopic world. Organized and coordinated by Dr. Daniela Zeppilli (INFREMER)
Institution	Institut Français de Recherche pour l'Exploitation de la MER, Département Etude des Ecosystèmes Profonds Laboratoire Environnement Profond Centre de Brest - Plouzané (France)
5 - 7/03/2013	Marine Bioinvasion Workshop. Organized and coordinated by Ricardo Serrao Santos, Helder Silva and Filipe Porteiro (IMAR-DOP, UAç)
Institution	IMAR-DOP Department of Oceanography and Fisheries, University of the Azores, and OMA Observatorio do Mar dos Azores, Horta (Portugal)

Trainings

11/2011	Extraction, counting and identification of macrofauna samples. Supervisor: Prof. M. Cunha (University of Aveiro)
Institution	University of Aveiro, Aveiro (Portugal)
03/2009	Oxidative stress in fishes. Organized and coordinated by Prof. F. Regoli (Polytechnic University of Marche)
Institution	Alfred Wegener Institute for Polar and Marine Research (AWI), Helgoland (Germany)

02/2005	"Tropical marine ecology field-training". Organized/coordinated by Dr. P. Galli, Dr. F. Benzoni (University of Milano-Bicocca).
Institution	Training Center of Egyptian Environmental Affairs Agency, Sharm El Sheikh (Egypt)

Publications:

Chapter book	F. Cardigos, J. Monteiro, J. Fontes, P. Parretti and Ricardo Serrão Santos: Fighting invasions in the marine realm, a case study with <i>Caulerpa webbiana</i> proliferation in the Azores. In Canning-Clode J (Ed), Biological Invasions in Aquatic and Terrestrial Systems: Ecological Impacts, Predictions and Management. De Gruyter Open. ISBN:978-3-11-043866-6
Paper	L. Bongiorno, A. Ravara, P. Parretti , R.S. Santos, C.F. Rodriogues, T. Amaro, M.R. Cunha. Organic matter composition and macrofaunal diversity in sediments of the Condor Seamount (Azores, NE Atlantic). Deep-Sea Research Part II, 98 + (2013) 75-86. doi:10.1016/j.dsr2.2013.08.006
Poster in conferences	P. Parretti , M. Carreiro-Silva, J. Grall, D. Zeppilli, R.S. Santos. Maerl beds & associated benthic communities: a scenario of the effects of climate change on an important biogenic habitat. MeioScool2013: Meiofauna International Workshop, 26-29 November 2013, Brest (France). M. Zubia, H. Cambert, L. Dijoux, F. Viard, A. Engelen, T. Perez, S. Greff, O. Thomas, S. Petek, S. Fiat, M. Adjeroud, C. Bouchon, P. Parretti , J. Monteiro, R. Santos, J.P. Quod & C. Payri. SEAPROLIF program: Diversity and functioning of coastal marine biomes under siege: implications of SEAweed PROLIFerations across three oceans. Eighth WIOMSA scientific symposium, 28-30 October 2013, Maputo (Mozambique). P. Parretti . SEAPROLIF Diversidade e Funcionamento de biomas marinhos costeiros de tres oceanos sob a pressao da proliferaçao de algas. "Ciencia nos Açores. Que futuro?", 7-8 June 2013, Ponta Delgada (Portugal).
Oral communications	P. Parretti , R.S. Santos. SEAweed PROLiferations: Implication to diversity and functioning of coastal marine biomes. Marine BIO-invasions the silent threat Workshop, 5-7 March 2013, Horta (Portugal). J. Monteiro, P. Parretti , R.S. Santos. Proliferation of algae: impacts and consequences of potential invasions. Conhecer o Mar dos Azores II, 9-10 July 2012, Horta (Portugal). L. Bongiorno, P. Parretti , T. Amaro, R.S. Santos, R. Danovaro. Microbial diversity and ecosystem functioning of deep-sediments associated to the Condor seamount (Azores, NE Atlantic). World Conference on Marine Biodiversity, 26-30 September 2011, Aberdeen, Scotland (UK).

Personal skills and competences

Technical skills	Diving skills (more than 100 scientific dives conducted in Indian Ocean, Atlantic Ocean, Pacific Ocean and Mediterranean Sea). Knowledge on <u>underwater sampling</u> (coral and algae sampling for genetic analysis, visual census, line and belt transects, quadrats and photo-quadrats, hand-held corers, benthic suction sampler). Knowledge on <u>deep-sea sediments sampling</u> with Box-Corer and Multi-Corer and Plankton sampling with bongo net. Knowledge on <u>molecular techniques</u> : extraction of <i>Symbiodinium</i> DNA from corals, extraction of prokaryotic DNA from sediment, PCR, DGGE, ARISA and T-RFLP fingerprintings.
-------------------------	---

	<p>Knowledge on techniques for extraction of <u>meio and macrofauna</u> from sediments, taxonomy of marine nematodes (at species level), taxonomy of marine macrofauna (at family level).</p> <p>Knowledge on sample preparation technique for <u>stable isotope</u> ration measurements</p> <p>Knowledge on techniques for studying the <u>biochemical compositions of organic matter in marine sediment</u> (chlorophyll, proteins, carbohydrates, lipids, hydrolizable protein and carbohydrates).</p> <p>Knowledge on techniques for <u>prokaryotic counting and biomass</u> measure by epifluorescence microscopy (Acridine Orange and Sybr Green staining), measurements of <u>extracellular enzymatic activity</u> using enzymes-fluorescent substrates analogues, quantification of <u>prokaryotic carbon production</u> by tritiated leucine uptake.</p>
Computer skills	<p>Good command of Microsoft Office softwares (Word, Excel e PowerPoint).</p> <p>Statistic and Image analyses programmes: Primer 6, DISTLM, Peak Scanner, Image J, Cell C, Photoshop and Coral Point Count with Excel Extensions.</p> <p>Good command of computer operating systems: Windows and Macintosh.</p>
Others	
Driving licences	A, B
Mother tongue	Italian
Other languages	English (TOEFL iBT 88), Portuguese (good level), Spanish (basic level)
Social skills	<p>Very good attitude to work in team.</p> <p>Good ability to adapt to work in multicultural environments (field work experiences in Indonesia, Portugal, New Caledonia, international research cruises).</p> <p>Very good communication skills gained trough experiences as PADI Dive Master.</p>
Organisational skills	Very good capabilities to organize my own work and lead small working groups.