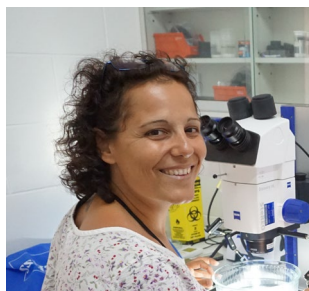


Daniela Pica



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Current Position: Researcher III level

Current Affiliation:

Integrative Marine Ecology Department (EMI), Stazione Zoologica Anton Dohrn, CRIMAC-Calabria Marine Centre

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Stazione Zoologica Anton Dohrn, Napoli (Italy)	Researcher	2021-present	Integrative taxonomy and ecology of benthic community
CoNISMA-Università del Salento (Italy)	Project Manager	2021-2021	SEAVIEWS (Project N° ADRION951)
Università Politecnica delle Marche (Italy)	Postdoc	2013-2020	Study of the benthic community of hard and soft bottom in the Mediterranean Sea at different scale level
Università Politecnica delle Marche (Italy)	Ph.D. in Marine Ecology and Biology	2009-2012	Morphology and Ecology of Stylasteridae (Cnidaria, Hydrozoa)
Università Politecnica delle Marche (Italy)	Master's degree in Marine Biology	2006-2009	Hydroids and Sponges associated with Octocorals from the Indo-Pacific Ocean: Taxonomical and Morphological aspects
Università di Pisa (Italy)	Master's degree in Environmental Science	1998-2005	Study of the effect of the increasing sedimentation on a coralligenous assemblages

Appointments and awards

2020 Editor of WORMS for the Stylasteridae family.

2019 AMF/AMRI Visiting Collections Fellowship (Australian Museum). Project title: “Stylasterid corals from the Australian Museum: identification and biogeographic implications” at Australian Museum (Sydney, Australia).

2019 SYNTHESYS + Project which is financed by European Community <http://www.synthesys.info/>. Project title: “Stylasterids corals from the deep-sea seamounts of New Caledonia Exclusive Economic Zone (EEZ)” at Muséum National d'Histoire Naturelle (Paris, France).

2018 JOHN & LAURINE PROUD FELLOWSHIP founded by The Lizard Island Reef Research Foundation. Project title: “Stylasterid corals at Lizard Island” at the Australian Museum’s Lizard Island Research Station, Great Barrier Reef (Australiana).

2015 Smithsonian Short Term Visitor at the National Museum of Natural History (NMNH) (USA) to study the Stylasteridae collection.

2013 Project title “HyDRa: Hydroid Diversity of the Northern Red Sea” at the Marine Station IUI, Eilat (Israel) financed by the European Project “ASSEMBLE” (EU FP7 research infrastructure initiative comprising a network of marine research stations <http://www.assemblemarine.org/>).

2012 Grant for the access to the SYRMEP at the Elettra Synchrotron Light Laboratory, Trieste (Italy) (<http://www.elettra.eu/>).

2011 SYNTHESYS Project financed by European Community Research Infrastructure Action (FP7 Integrating Activities Programme <http://www.synthesys.info/>) at the Netherlands Centre for Biodiversity Naturalis di Leiden (The Netherlands).

2011 SYNTHESYS Project financed by European Community Research Infrastructure Action (FP7 Integrating Activities Programme <http://www.synthesys.info/>) at the Natural History Museum in London (United Kingdom).

Publications

Author of 54 publications on ISI-journals (h index: 16)

List of publications peer-reviewed of the last 10 years:

V. Palummo, G. Milisenda, D. Pica, S. Canese, E. Salvati, N. Spanò, T. Romeo, S. Greco (2024). Improving the knowledge base of Vulnerable Marine Ecosystems’ distribution in the Amendolara Bank (Ionian Sea). *Mediterranean Marine Science* 25(1): 220-230.

C.J.L. Fourreau, D. Pica, E.A. Jamodiong, I. Mizukami, G. Mironenko, J.D. Reimer (2024). *Millepora* spp. as substrates of their hydrozoan counterparts *Stylaster* sp. in the Pacific Ocean. *Diversity* 16(3): 142.

E. Nocella, S.S. Zvonareva, G. Fassio, D. Pica, B. Buge, R. Villa, N. Puillandre, M.V. Modica, M. Oliverio (2024). Spicy food for the egg-cowries: the evolution of corallivory in the Ovulidae (Gastropoda: Cypraeoidea). *Frontiers in Marine Science* 10.

- D. Maggioni, P. Schuchert, A.N. Ostrovsky, A. Schiavo, B.W. Hoeksema, D. Pica, S. Piraino, R. Arrigoni, D. Seveso, E. Montalbetti, P. Galli (2024). Systematics and character evolution of capitate hydrozoans. *Cladistics* 40(2): 107-134.
- C. Galasso, N. Ruocco, M. Mutalipassi, L. Barra, V. Costa, C. Giommi, A. Dinoi, M. Genovese, D. Pica, C. Romano, S. Greco (2023). Marine polysaccharides, proteins, lipids, and silica for drug delivery systems: A review. *International Journal of Biological Macromolecules*, 127145.
- V. Palummo, G. Milisenda, S. Canese, E. Salvati, D. Pica, A. Passarelli, N. Spanò, T. Romeo, S. Greco (2023). Effect of environmental and anthropogenic factors on the distribution and co-occurrence of cold-water corals. *Frontiers in Marine Science*, 10.
- C. Roveta, T. Marrocco, D. Pica, T. Pulido Mantas, F. Rindi, L. Musco, S. Puce (2022). The effect of sub-strate and depth on hydroid assemblages: a comparison between two islands of the Tuscan Archipelago (Tyrrhenian Sea). *Marine Biodiversity* 52 (1): 9.
- D. Maggioni, T. I Terraneo, G. Chimienti, F. Marchese, D. Pica, S. D. Cairns, A. A. Eweida, M. Rodrigue, S. J Purkis, F. Benzoni (2022). The First Deep-Sea Stylasterid (Hydrozoa, Stylasteridae) of the Red Sea. *Diversity* 14 (4): 241.
- F. Rindi, B. Gavio, L. Pezzolesi, D. Pica, M. Ponti, F. Torsani, C. Cerrano (2022). Spring composition of the macroalgal vegetation of a small offshore island in the north-western Mediterranean (Gallinara Island, Ligurian Sea). *Italian Botanist* 13: 45-65.
- D. Maggioni, R. Arrigoni, D. Seveso, P. Galli, M. L. Berumen, V. Denis, B. W. Hoeksema, D. Huang, F. Manca, D. Pica, S. Puce, J. D. Reimer, S. Montano (2022). Evolution and biogeography of the Zanclea-Scleractinia symbiosis. *Coral Reefs*, 41(3): 779-795.
- C. Roveta, T. Marrocco, B. Calcinai, T. Pulido Mantas, D. Pica, L. Valisano, S. Puce (2022). Unravelling the sponge diversity of the Tuscan Archipelago National Park (Tyrrhenian Sea, Italy). *The European Zoological Journal*, 89(1): 317-330.
- T. Pulido Mantas, G. Bavestrello, M. Bertolino, C. Cerrano, D. Pica, C. Roveta, B. Calcinai (2022). A 3D innovative approach supporting the description of boring sponges of the precious red coral *Corallium rubrum*. *Journal of Marine Science and Engineering*, 10(7): 868.
- D. Pica, B. Berning, R. Calicchio (2022). Cheilostomatida (Bryozoa) from the Ionian Apulian coast (Italy) with the description of new species. *European Zoological Journal*, 89 (1): 371-422.
- D. Maggioni, A. Garese, D. Huang, B.W. Hoeksema, R. Arrigoni, D. Seveso, P. Galli, M.L. Berumen, E. Montalbetti, D. Pica, F. Torsani, S. Montano (2022). Diversity, host specificity and biogeography in the Cladocorynidae (Hydrozoa, Capitata), with description of a new genus. *Cladistics*, 38 (1): 13-37.
- D. Pica, L. Galanti, L. Pola (2021). First records of the seagrass *Halophila stipulacea* in Sardinia (Tyrrhenian Sea, Italy). In: Orfanidis, S.; Alvito, A.; Azzurro, E.; Badreddine, A.; Ben Souissi, J.; Chamorro, M.; Crocetta, F.; Dalyan, C.; Fortic, A.; Galanti, L.; et al. New alien mediterranean biodiversity records (March 2021). *Mediterr. Mar. Sci.* 2021, 22, 180–198.

- C. Di Camillo, S. Arossa, D. Pica, A. Bastari, F. Torsani, C. Cerrano (2021). Phenology of *Anemonia viridis* and *Exaiptasia diaphana* (Cnidaria: Anthozoa) from marine temperate ecosystems. *Mediterranean Marine Science*, 22 (1): 40-50.
- L. Pola, B. Calcinai, D. Pica, C. Di Camillo, D. Martin, C. Cerrano (2020). Updating the current knowledge on the relationships between *Haplosyllis chamaeleon* Laubier, 1960 (Annelida, Syllidae) and *Paramuricea clavata* (Risso, 1826) (Cnidaria, Plexauridae) in the Mediterranean Sea. *Marine Biodiversity*, 50(6): 105
- B. Calcinai, G. Belfiore, D. Pica, F. Torsani, M. Palma, C. Cerrano (2020). Porifera from Ponta do Ouro (Mozambique). *European Journal of Taxonomy*, 698.
- D. Maggioni, R. Arrigoni, D. Seveso, P. Galli, M.L. Berumen, V. Denis, B.W. Hoeksema, D. Huang, F. Manca, D. Pica, S. Puce, J.D. Reimer, S. Montano (2020). Evolution and biogeography of the *Zanclaea*-Scleractinia symbiosis. *Coral Reefs*, on line
- C. Roveta, D. Pica, B. Calcinai, F. Girolametti, C. Truzzi, S. Illuminati, A. Annibaldi, S. Puce (2020). Hg Levels in Marine Porifera of Montecristo and Giglio Islands (Tuscan Archipelago, Italy). *Applied Science* 10, 4342; doi:10.3390/app10124342
- A. Zweifler, N. Simon-Blecher, D. Pica, B.K.K. Chan, J. Roth, Y. Achituv (2020). A stranger among us: the occurrence of *Cantellius* (Balnoidea: Pyrgomatidae) an epibiont of scleractinians in stylasterids (Hydrozoa). *Zoological Journal of the Linnean Society*, 190(4): 1077–1094.
- L. Pola, C. Cerrano, D. Pica, V. Markantonatou, M.C. Gambi, B. Calcinai (2020). Macrofaunal communities in the Gioia Canyon (Southern Tyrrhenian Sea, Italy). *European Zoological Journal*, 87(1):122–130.
- C. Cerrano, A. Bastari, B. Calcinai, C. Di Camillo, D. Pica, S. Puce, L. Valisano, F. Torsani (2019). Temperate mesophotic ecosystems: gaps and perspectives of an emerging conservation challenge for the Mediterranean Sea. *European Zoological Journal*, 86(1):370-388
- D. Pica, N. Bloecher, A. Dell'Anno, A. Bellucci, T. Pinto, L. Pola, S. Puce (2019). Dynamics of a biofouling community in finfish aquaculture: a case study from the South Adriatic Sea. *Biofouling*, 35(6):696-709.
- C. Roveta, D. Pica, S. Puce (2019). The cnidome of *Olindias muelleri* (Cnidaria: Hydrozoa: Limnomedusae) from South Adriatic Sea. *Zoomorphology*, 138(4):437-442.
- S.D. Cairns, D. Pica (2019). A new *Distichopora* species (Cnidaria: Stylasteridae) from the mesophotic zone of Palau. *Pacific Science* 73(4):493-499.
- F. Manca, S. Puce, A. Caragnano, D. Maggioni, D. Pica, D. Seveso, P. Galli, S. Montano (2019). Symbiont footprints highlight the diversity of scleractinian-associated *Zanclaea* hydrozoans (Cnidaria, Hydrozoa). *Zoologica Scripta*, 48:399-410.
- C. Roveta, G. Bavestrello, M. Montefalcone, D. Pica, S. Puce (2019). Asymmetrical distribution of *Distichopora violacea* (Cnidaria: Hydrozoa) in four Maldivian atolls. *European Zoological Journal*, 86:9-19.

- A. Bastari, D. Pica, F. Ferretti, F. Micheli, C. Cerrano (2018). CORRIGENDUM: Sea pens in the Mediterranean Sea: diversity distributions and opportunities for ecosystem recovery. *ICES Journal of Marine Science* (2018), 75(6):2289–2291.
- D. Pica, B. Calcinai, A. Polisenio, E. Trainito, C. Cerrano (2018). Distribution and phenotypic variability of the Mediterranean gorgonian *Paramuricea macrospina* (Cnidaria, Octocorallia). *European Zoological Journal*, 85:393–409.
- A. Rosso, E. Di Martino, D. Pica, L. Galanti, C. Cerrano, M. Novosel (2018). Non-indigenous bryozoan species from natural and artificial substrata of Mediterranean submarine caves. *Marine Biodiversity* 48:1345–1355.
- M. Palma, M. R. Casado, U. Pantaleo, G. Pavoni, D. Pica, C. Cerrano (2018). SfM-Based method to assess gorgonian forests (*Paramuricea clavata* (Cnidaria, Octocorallia)). *Remote Sensing* 10, 1154.
- C.G. Di Camillo, C. Gravili, D. De Vito, D. Pica, S. Piraino, S. Puce, C. Cerrano (2018). The importance of applying Standardized Integrative Taxonomy (SIT) to describe marine benthic organisms and to collect ecological data. The Hydrozoa as example. *Invertebrate Systematics* 32:794–802.
- D. Pica, G. Bavestrello, S. Puce (2018). First record of *Lepidopora* (Hydrozoa: Stylasteridae) from the North Pacific Ocean with the description of a new species. *Pacific Science* 72(2):245–250.
- R. Danovaro, E. Nepote, M. Lo Martire, C. Ciotti, G. De Grandis, C. Corinaldesi, L. Carugati, C. Cerrano, D. Pica, C.G. Di Camillo, A. Dell’Anno (2018). Eco-sustainable impact of beach nourishment on macrofaunal recruitment/settlement in coastal sediments of the Adriatic Sea (Central Mediterranean). *Marine Pollution Bulletin*, 128:259–266.
- A. Bastari, D. Pica, F. Ferretti, F. Micheli, C. Cerrano (2018). Sea pens in the Mediterranean Sea: diversity distributions and opportunities for ecosystem recovery. *ICES Journal of Marine Science* 75 (5):1722–1732.
- A. Tribollet, D. Pica, S. Puce, S.E. Campbell, G. Radtke, S. Golubic (2017). Euendolithic *Conchocelis* stage (Bangiales, Rhodophytes) in the skeletons of live stylasterid reef corals. *Marine Biodiversity*, 48:1855–1862.
- M.C. de Francesco, C. Cerrano, D. Pica, D. D’Onofrio, A. Stanisci (2017). Characterization of Teatina coast marine habitats (central Adriatic Sea) toward an Integrated Coastal Management. *Oceanography and Fishery*. 5(1): 555653.
- D. Maggioni, S. Montano, R. Arrigoni, P. Galli, S. Puce, D. Pica, M.L. Berumen (2017). Genetic diversity of the Acropora-associated hydrozoans: new insight from the Red Sea. *Marine Biodiversity* 47(4):1045–1055.
- D. Pica, S. Puce (2017) Investigation of nematocysts in stylasterids (Cnidaria: Hydrozoa: Stylasteridae). *Marine Biology Research* 13(5):513–520.
- D. Pica, A. Bastari, F.C. Vaga, C.G. Di Camillo, S. Montano, S. Puce (2017). Hydroid diversity of Eilat Bay with the description of a new *Zanclea* species. *Marine Biology Research* 13(5):469–479.

- S. Puce, D. Pica, S. Schiaparelli, E. Negrisola (2016) Integration of morphological data into molecular phylogenetic analysis: toward the identikit of the stylasterid ancestor. PLoS One, 11(8):e0161423.
- D. Pica, A. Tribollet, S. Golubic, M. Bo, C.G. Di Camillo, G. Bavestrello, S. Puce (2016) Microboring organisms in living stylasterid corals (Cnidaria, Hydrozoa). Marine Biology Research 12(6):573-582.
- D. Seveso, S. Montano, D. Pica, D. Maggioni, P. Galli, V. Allevi, A. Bastari, S. Puce (2016). *Pteroclava krempfi*-octocoral symbiosis: new information from the Indian Ocean and the Red Sea. Marine Biodiversity 46(6):483-487.
- B. Calcinai, M. Bertolino, G. Bavestrello, S. Montori, M. Mori, D. Pica, L. Valisano, C. Cerrano (2015) Comparison between the sponge fauna living outside and inside the coralligenous bioconstruction. A quantitative approach. Mediterranean Marine Science 16(2):413-418.
- D. Pica, S.D. Cairns, S. Puce, W.A. Newman (2015) Southern hemisphere deep-water stylasterid corals including a new species, *Errina labrosa* sp. n. (Cnidaria, Hydrozoa, Stylasteridae), with notes on some symbiotic scalpellids (Cirripedia, Thoracica, Scalpellidae). Zookeys 472:1-25.
- S. Montano, R. Arrigoni, D. Pica, D. Maggioni, S. Puce (2015) New insights into the symbiosis between *Zanclaea* (Cnidaria, Hydrozoa) and scleractinians. Zoologica Scripta 44:92-105.
- D. Pica, C. Cerrano, S. Montori, D.M. Makapedua, S. Puce (2014) A surviving out-of-water stylasterid. Marine Biodiversity, 44 (4):469-470.
- M. Bertolino, B. Calcinai, R. Cattaneo-Vietti, C. Cerrano, A. Lafratta, M. Pansini, D. Pica, G. Bavestrello (2014). Stability of the sponge assemblage of the Mediterranean coralligenous along a millennial span of time. Marine Ecology 35:149-158.