
Francesca Benzoni

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Francesca Benzoni is a marine biologist specialized in the diversity and biogeography of reef building scleractinian corals. She has been studying the composition and spatio-temporal dynamics of coral dominated benthic assemblages in the Indo-Pacific. She is specialized in hard coral integrated systematics and currently leading, or involved in, different research projects addressing the study of the taxonomy, ecology, biodiversity, and biogeography of scleractinians through multidisciplinary approaches.

Research interests

Coral taxonomy, phylogeny and diversity · Coral biogeography · Reef benthic assemblages composition and zonation

Degrees

- PhD, Ecole Pratique des Hautes Etudes, Perpignan, France. *Mention très honorable avec felicitations* (2007)
- Master Degree in Biological Sciences, 110/110 with honors, Università dell'Insubria, Italy (1999)

Current position

Since 2011 - Assistant Professor in Zoology, University of Milano-Bicocca, Italy
Jan 2016 - Jan 2018 *Chargé de Recherche*, UMR 250 ENTROPIE, IRD Nouméa, New Caledonia

Publications

A total of 83 publications (74 in peer-reviewed journals, 7 book chapters, 2 books).
Scopus ID: 13407640300; ORCID: orcid.org/0000-0001-8906-1309; Researcher ID: G-1304-2010
Google Scholar citations: 2216; h-index: 25 (on 04/04/2018).

Previous positions

2016-2018 Researcher (*Chargé de Recherche en mise à disposition*), UMR 250 ENTROPIE, IRD Nouméa, New Caledonia
2011: Researcher (*Chargé de Recherche CR2*), UR 227 CoReUs2, IRD, France
2008-2010: Post-doc at the Department of Biotechnology and Biosciences, University of Milan-Bicocca, Italy

Scientific expeditions

Invited or Chief scientist (*Cs*) in several scientific expeditions in the Indo-Pacific aiming at the study of the biodiversity and health assessment of reef dwelling scleractinian corals (over 550 georeferenced sites sampled).

New Caledonia: IRD scientific expeditions CHEST (2015), CORALCAL5 (2015), BIBELOT (2012), CORALCAL4 (*Cs*, 2012), CORALCAP (2007), CORALCAL1 (2007), SUR-BLANCO (*Cs*, 2016), POST-BLANCO (*Cs*, 2017).

Papua New Guinea: MNHN “Our planet reviewed” and IRD NIUGINI to Kavieng (2014), Madang (2012).

Australia: James Cook University, Solitary Islands and Lord Howe coral diversity (2014, 2018)

Maldives: University of Milano-Bicocca MAREH centre Reef Biodiversity (*Cs*, 2014).

Saudi Arabia: KAUST Biodiversity Expeditions, Farasan Banks and Farasan Islands (2013), and Gulf of Aqaba (2013).

French Polynesia, Marquesas Islands: French Agence des aires marines protégées (AAMP) PAKAIHI I TE MOANA Expedition, (2011); Gambier Islands: Tara Oceans Expedition (*Cs*, 2011).

Mayotte: Tara Oceans Expedition (*Cs*, 2010); GIS “BAR-MAY” (2005).

Madagascar: MAD : Université de La Réunion, Biodiversité et connectivité des populations benthiques de MADagascar (régions Nord-Ouest et Nord-Est) (2016).

Mauritius, Saint Brandon: Tara Oceans Expedition (Cs, 2010).

Djibouti: Tara Oceans Expedition (Cs, 2010).

Yemen: University of Milano-Bicocca and CREOCEAN “Biodiversity and Biodiversity patterns of Scleractinia (Cnidaria) in the Gulf of Aden, Yemen” expeditions, Bir Ali (Cs, 2008), Al Mukallah (2008), Kamaran islands (Cs, 2009), and Socotra Island (2010); Arabian Seas Expedition (1998).

Thailand: Italian MURST funded expeditions “Catastrophic events and their impacts on the mesolittoral and infralittoral soft bottoms benthic fauna: the Khao Lak coastal areas case study, Andaman Sea, Thailand” (2006, 2007).

Wallis Island: IFRECOR expeditions (2002, 2007).

Consultancy

Yemen, 2014: Monitoring of coral communities for the Yemen LNG (YLNG) Plant in Balhaf (CREOCEAN - YLNG).

Maldives, 2010: Coral communities characterization and mapping for the Mapping of the Maldives and climate change Project (CREOCEAN - FIT).

Yemen, 2006-2009: Monitoring of coral communities for the for the YLNG Plant Construction Project in Balhaf (CREOCEAN - YLNG).

Yemen, 2014: Monitoring of coral communities for the for the YLNG Plant in Balhaf (CREOCEAN - YLNG).

Qatar, 2006-2008: Study of coral communities composition and conditions for habitat mapping (CREOCEAN).

Kuwait, 2003-2004: Monitoring of coral juveniles diversity and density, and sea urchin grazing in off-shore reefs following the Gulf war oil spill (SAFEGE).

Other qualifications and experience

2007: Course for the valorisation and management of the academic and industrial research results (B019B002-C) at the University of Milano-Bicocca, Italy

2003: “Coral Molecular Biology Techniques Workshop”, Hawai’i Institute of Marine Biology, Hawai’i, USA

2003: “Detecting multivariate changes in biological assemblages, experimental design and data analysis” and PRIMER v 5 (Plymouth Routines In Multivariate Ecological Research) course, University of Lecce, Italy

1994: “Eight Formative Course for Underwater Scientific Researcher”, International School for Scientific Diving - Consorzio Pisa Ricerche (ISSD), Italy

Organization and management skills

2014: Organizer of the first Maldives Reef Biodiversity International Workshop, Faafu Atoll, MaRHE Centre, University of Milano-Bicocca

2008-2012: Scientific coordinator of the Coral Reefs projects in the International Scientific Expedition Tara Oceans http://www.embl.de/tara_oceans/start/

2003-2006: Organizer of the Tropical Marine Ecology Stage of the CEMT (Centro di Ecologia Marina Tropicale) at the Ras Mohammed National Park, Egyptian Environmental Affairs Agency (EEAA), Egypt.

Teaching and training experience

Lecturer at the University of Milano-Bicocca:

Undergraduate: 2004: “Laboratory of experimental biology I and II”; 2004-2005: “Analysis and Management of Aquatic Biocoenosis”; 2011-2012: “Laboratory of ecological methodologies”; 2012-2013: “Biological evolution”.

Graduate: 2006-2007: “Analysis and Management of Aquatic Biocoenosis”; 2012-2015: “Biogeography”.

Master: 2007-2008: “Tropical marine ecosystems”; 2012-2014: “Coral biology and ecology”.

Supervised or co-supervised 29 undergraduate and 13 graduate students, 1 PhD student at the University of Milan-Bicocca and 1 PhD student at KAUST.

International commissions

IUCN Species Survival Commission (SSC); IUCN Coral Specialist Group (CSG-SSC)

Languages

Italian (mother tongue)

English - *Certificate of Proficiency in English (University of Cambridge)*, 1993; TOEFL (score 617), 1997

French - good comprehension of spoken and written language, good conversation skills.

List of publications

Peer reviewed publications with IF

1. Terraneo T.I., Arrigoni R., **Benzoni F.**, Forsman Z., Berumen M.L. 2018. The complete mitochondrial genome of *Porites harrisoni* (Cnidaria: Scleractinia) obtained using next-generation sequencing. *Mitochondrial DNA Part B* 3:286-287. DOI: 10.1080/23802359.2018.1443852
2. Terraneo T.I., Arrigoni R., **Benzoni F.**, Forsman Z., Berumen M.L. 2018. Using ezRAD to reconstruct the complete mitochondrial genome of *Porites fontanesii* (Cnidaria: Scleractinia). *Mitochondrial DNA Part B* 3:173-174. DOI: 10.1080/23802359.2018.1437805
3. Lorrain A., Houlbrèque F., **Benzoni F.**, Barjon L., Tremblay-Boyer L., Menkes C., Gillikin D.P., Payri C., Jourdan H., Boussarie G., Verheyden A., Vidal E. 2017. Seabirds supply nitrogen to reef-building corals on remote Pacific islets. *Scientific Reports* 7: 3721. DOI: 10.1038/s41598-017-03781-y
4. Zibrowius H., Wirtz P., Nunes F.L.D., Hoeksema B.W., **Benzoni F.** 2017. Shallow-water scleractinian corals of Ascension Island, Central South Atlantic. *Journal of the Marine Biological Association of the United Kingdom* 97:713-725. DOI: 10.1017/S0025315414001465
5. Terraneo T.I., Arrigoni R., **Benzoni F.**, Tietbohl M.D., Berumen M.L. 2017. Exploring genetic diversity of shallow-water Agariciidae (Cnidaria: Anthozoa) from the Saudi Arabian Red Sea. *Marine Biodiversity* DOI: 10.1007/s12526-017-0722-3
6. Arrigoni R., Vacherie B., **Benzoni F.**, Stefani F., Karsenti E., Jaillon O., Not F., Nunes F., Payri C., Wincker P., Barbe V. 2017. A new sequence dataset of SSU rRNA gene for Scleractinia and its phylogenetic and ecological applications. *Molecular Ecology Resources* DOI: 10.1111/1755-0998.12640
7. Arrigoni R., Berumen M.L., Huang D., Terraneo T.I., **Benzoni F.** 2017. *Cyphastrea* (Cnidaria: Scleractinia: Merulinidae) in the Red Sea: phylogeny and a new reef coral species. *Invertebrate Systematics* 31: 141-156. DOI: 10.1071/IS16035
8. Caragnano A., Basso D., Ragazzola F., Storz D., Jacob D., **Benzoni F.**, Dutrieux E. 2017. Element variability in the coralline alga *Lithophyllum yemenense* as archive of past climate in the Gulf of Aden (NW Indian Ocean). *Journal of Phycology* DOI: 10.1111/jpy.12509
9. van der Meij S.E.T., **Benzoni F.**, Berumen M.L., Naruse T. 2016. New distribution records of the gall crab *Opecarcinus cathyae* van 5 der Meij, 2014 (Decapoda: Brachyura: Cryptochiridae) from the Red Sea, Maldives and Japan. *Marine Biodiversity* DOI: 10.1007/s12526-016-0598-7
10. Arrigoni R., **Benzoni F.**, Terraneo T.I., Caragnano A., Berumen M.L. 2016. Recent origin and semi-permeable species boundaries in the scleractinian coral genus *Stylophora* from the Red Sea. *Scientific Reports* 6: 34612. DOI: 10.1038/srep34612
11. Huang D., Arrigoni R., **Benzoni F.**, Fukami H., Knowlton N., Smith N.D., Stolarski J., Chou L.M., Budd A.F. 2016. Taxonomic classification of the reef coral family Lobophylliidae (Cnidaria: Anthozoa: Scleractinia). *Zoological Journal of the Linnean Society* 178: 436-481. DOI: 10.1111/zoj.12391
12. Arrigoni* R., **Benzoni* F.**, Huang D., Fukami H., Chen C.A., Berumen M.L., Hoogenboom M., Thomson D., Hoeksema B.W., Zayasu Y., Budd A.F., Terraneo T.I., Kitano Y.F., Baird A.H. 2016. When form meets genes: revision of the scleractinian genera *Homophyllia* and *Micromussa* (Lobophylliidae) with a description of two new species and one new genus. *Contributions to Zoology* 85: 387-422.
13. Arrigoni R., Berumen M.L., Chen C.A., Terraneo T.I., Baird A.H., Payri C., **Benzoni F.** 2016. Species delimitation in the reef coral genera *Echinophyllia* and *Oxypora* (Scleractinia, Lobophylliidae) with a description of two new species. *Molecular Phylogenetics and Evolution* 105: 146-159. DOI: 10.1016/j.ympev.2016.08.023
14. Terraneo T., **Benzoni F.**, Arrigoni R., Berumen M.L. 2016. Species delimitation in the coral genus *Goniopora* (Scleractinia, Poritidae) from the Saudi Arabian Red Sea. *Molecular Phylogenetics and Evolution* 102: 278-94. DOI: 10.1016/j.ympev.2016.06.003
15. Gutierrez-Heredia L., Murphy E., **Benzoni F.**, Reynaud E. 2016. End to end digitisation and analysis of three-dimensional coral models, from communities to corallites. *PLOS ONE* e0149641. DOI: 10.1371/journal.pone.0149641

16. Gilbert A., Heintz T., Hoeksema B.W, **Benzoni F.**, Fernandez J.M., Fauvelot C., Andréfouët S. 2015. Endangered New Caledonian endemic mushroom coral *Cantharellus noumeae* in turbid, metal-rich, natural and artificial environments. *Marine Pollution Bulletin* 100: 359-69. DOI: 10.1016/j.marpolbul.2015.08.024
17. Waheed Z., **Benzoni F.**, van der Meij S.E.T., Terraneo T.I., Hoeksema B.W. 2015. Scleractinian coral families Fungiidae, Agariciidae and Euphylliidae of Pulau Layang-Layang, Spratly Islands, with a note on *Pavona maldivensis*. *Zookeys* 517: 1-37. DOI: 10.3897/zookeys.517.9308
18. Bouwmeester J., **Benzoni F.**, Baird A.H., Berumen M.L. 2015. *Cyphastrea kausti* sp. n. (Cnidaria, Anthozoa, Scleractinia), a new species of reef coral from the Red Sea. *Zookeys* 496: 1-13. DOI: 10.3897/zookeys.496.9433
19. Arrigoni R., Berumen M.L., Terraneo T.I., Caragnano A., Bouwmeester J., **Benzoni F.** 2015. Forgotten in the taxonomic literature: resurrection of the scleractinian coral genus *Sclerophyllia* (Scleractinia, Lobophylliidae) from the Arabian Peninsula and its phylogenetic relationships. *Systematics and Biodiversity* 13: 140-163. DOI: 10.1080/14772000.2014.978915
20. Denis V., De Palmas S, **Benzoni F.**, Chen C. 2014. Range extension of the scleractinian coral *Psammocora stellata* with its first record in Taiwanese mesophotic environment. *Marine Biodiversity* DOI: 10.1007/s12526-014-0299-z
21. Arrigoni R., Richards Z.T., Chen C.A., Baird A.H. **Benzoni F.** 2014. Phylogenetic relationships and taxonomy of the coral genera *Australomussa* and *Parascolymia* (Scleractinia, Lobophylliidae). *Contributions to Zoology* 83: 195-215.
22. Terraneo T.I., Berumen M.L., Arrigoni R., Waheed Z., Bouwmeester J., Caragnano A., Stefani F., **Benzoni F.** 2014. *Pachyseris inattesa* sp. n. (Cnidaria, Anthozoa, Scleractinia): a new reef coral species from the Red Sea and its phylogenetic relationships. *Zookeys* 433: 1-30. DOI: 10.3897/zookeys.433.8036
23. Arrigoni R., Kitano Y.F., Stolarski J., Hoeksema B.W., Fukami H., Stefani F., Galli P., Montano S., Castoldi E., **Benzoni F.** 2014. A phylogeny reconstruction of the Dendrophylliidae (Cnidaria, Scleractinia) based on molecular and micromorphological criteria, and its ecological implications. *Zoologica Scripta*. DOI: 10.1111/zsc.12072
24. **Benzoni F.**, Arrigoni R., Waheed Z., Stefani F., Hoeksema B.W. 2014. Phylogenetic relationships and revision of the genus *Blastomussa* (Cnidaria: Anthozoa: Scleractinia) with the description of a new species. *The Raffles Bulletin of Zoology* 62: 358-378.
25. Arrigoni R., Vacherie B., **Benzoni F.**, Barbe V. 2014. The complete mitochondrial genome of *Acanthastrea maxima* (Cnidaria, Scleractinia, Lobophylliidae). *Mitochondrial DNA* DOI: 10.3109/19401736.2014.926489
26. Huang D., **Benzoni F.**, Arrigoni R., Baird A., Berumen M., et al. 2014. Toward a phylogenetic classification of reef corals: the Indo-Pacific genera *Merulina*, *Goniastrea* and *Scapophyllia* (Scleractinia, Merulinidae). *Zoologica Scripta*. DOI: 10.1111/zsc.12061
27. Kitano Y.F., **Benzoni F.**, Arrigoni R., Shirayama Y., Wallace C.C., Fukami H. 2014. Taxonomic revision of the family Poritidae (Scleractinia, Cnidaria) based on molecular and morphological analyses. *PLoS ONE* 9: e98406. DOI: 10.1371/journal.pone.0098406
28. Huang D., **Benzoni F.**, Fukami H., Knowlton N., Smith N.D., Budd A.F. 2014. Taxonomic classification of the reef coral families Merulinidae, Montastraeidae and Diploastraeidae (Cnidaria: Anthozoa: Scleractinia). *Zoological Journal of the Linnean Society* 171: 277-355. DOI: 10.1111/zoj.12140
29. Rocha L.A., Aleixo A., Allen G., Almeda F., Baldwin C., Barclay M., Bates J., Bauer A., **Benzoni F. et al.** 2014. Specimen collection: an essential tool. *Science* 344: 814-815. DOI: 10.1126/science.344.6186.814
30. Andréfouët S., **Benzoni F.**, Payri C. 2014. A monospecific *Millepora* reef in Marquesas Islands, French Polynesia. *Coral Reefs* 33: 463. DOI: 10.1007/s00338-014-1133-6
31. Arrigoni R., Terraneo T.I., Galli P., **Benzoni F.** 2014. Lobophylliidae (Cnidaria, Scleractinia) reshuffled: pervasive non-monophyly at genus level. *Molecular Phylogenetics and Evolution* 73: 60-74. DOI: 10.1016/j.ympev.2014.01.010

32. Caragnano A., Basso D., Jacob D.E., Storz D., Rodondi G., **Benzoni F.**, Dutrieux E. 2014. The coralline red alga *Lithophyllum kotschyannum f. affine* as proxy of climate variability in the Yemen coast, Gulf of Aden (NW Indian Ocean). *Geochimica et Cosmochimica Acta* 124: 1-17. DOI: 10.1016/j.gca.2013.09.021
33. **Benzoni F.** 2013. *Echinophyllia tarae* sp. n. (Cnidaria, Anthozoa, Scleractinia) a new reef coral species from the Gambier Islands, French Polynesia. *Zookeys* 318: 59-79. DOI: 10.3897/zookeys.318.5351
34. Hoeksema B.W., **Benzoni F.** 2013. Multi-species aggregations of mushroom corals in the Gambier Islands, French Polynesia. *Coral Reefs* DOI: 10.1007/s00338-013-1054-9
35. Keshavmurthy S., Yang S., Alamaru A., Chuang Y., Pichon M., Obura D., Fontana S., De Palmas S., Stefani F., **Benzoni F.**, et al. 2013. DNA barcoding reveals the coral "laboratory-rat", *Stylophora pistillata* encompasses multiple identities. *Scientific Reports* 3: 1520. DOI: 10.1038/srep01520.
36. **Benzoni F.**, Arrigoni R., Stefani F., Stolarski J. 2012. Systematics of the coral genus *Craterastrea* (Cnidaria, Anthozoa, Scleractinia) and description of a new family through combined morphologic and molecular analyses. *Systematics and Biodiversity* 10: 417-433. DOI: 10.1080/14772000.2012.744369.
37. Kitahara M., Stolarski J., Miller D.J., **Benzoni F.**, Stake J., Cairns S. 2012. The first modern solitary Agariciidae (Anthozoa, Scleractinia) revealed by molecular and microstructural analysis. *Invertebrate Systematics* 26: 303-315.
38. **Benzoni F.**, Stefani F. 2012. *Porites fontanesii*, a new species of hard coral (Scleractinia, Poritidae) from the southern Red Sea, the Gulf of Tadjoura, and the Gulf of Aden. *Zootaxa* 3447: 56-68.
39. Arrigoni R., Stefani F., Pichon M., Galli P., **Benzoni F.** 2012. Molecular phylogeny of the Robust Clade (Faviidae, Mussidae, Merulinidae, and Pectiniidae): an Indian Ocean perspective. *Molecular Phylogenetics and Evolution* 65: 183-193.
40. **Benzoni F.**, Arrigoni R., Stefani F., Reijnen B.T., Montano S., Hoeksema B.W. 2012. Phylogenetic position and taxonomy of *Cycloseris explanulata* and *C. wellsii* (Scleractinia: Fungiidae): lost mushroom corals find their way home. *Contributions to Zoology* 81: 125-146.
41. Karsenti E., Acinas S., Bork P., Bowler C., De Vargas C., Raes J., Sullivan M., **Benzoni F.**, Claverie J-M., Follows M., Jaillon O., Gorsky G., Hingamp P., Iudicone D., Kandels-Lewis S., Krzic U., Not F., Ogata H., Pesant S., Reynaud E., Sardet C., Sieracki M, Speich S., Velayoudon D., Weissenbach J., Wincker, P., and the Tara Oceans Consortium. 2011. A holistic approach to marine eco-systems biology. *PLoS Biology* 9(10): e1001177.
42. **Benzoni F.**, Arrigoni R., Stefani F., Pichon M. 2011. Phylogeny of the coral genus *Plesiastrea* (Cnidaria, Scleractinia). *Contributions to Zoology* 80: 231-249.
43. Stefani F., **Benzoni F.**, Sung Yin Y., Pichon M., Galli P., Chen C.A. 2011. Comparison of morphological and genetic analyses reveal cryptic divergence and morphological plasticity in *Stylophora* (Cnidaria, Scleractinia). *Coral Reefs* 30: 1033-1049.
44. **Benzoni F.**, Basso D., Caragnano A., Rodondi G. 2011. *Hydrolithon* spp. (Rhodophyta, Corallinales) overgrow live corals (Cnidaria, Scleractinia) in Yemen. *Marine Biology* DOI 10.1007/s00227-011-1743-2.
45. R. Sanfilippo, Rosso A., Basso D., Violanti D., Di Geronimo I., Di Geronimo R., **Benzoni F.**, Robba E. 2011. Cobbles colonization pattern from a tsunami-affected coastal area (SW Thailand, Andaman Sea). *Facies* 57: 1-13.
46. **Benzoni F.**, Stefani F., Pichon M., Galli P. 2010. The name game: morpho-molecular species boundaries in the genus *Psammocora* (Cnidaria, Scleractinia). *Zoological Journal of the Linnean Society* 160: 421-456.
47. Sheppard C.R.C., Al-Husiani M., Al-Jamali F., Al-Yamani F., Baldwin R., Bishop J., **Benzoni F.**, Dutrieux E., Dulvy N.K., Durvasula S.R.V., Jones D.A., Loughland R., Medio D., Nithyanandan M., Pilling G.M., Polikarpov I., Price A.R.G., Purkis S., Riegl B., Saburova M., Kaveh S.N., Taylor O., Wilson S., Zainal K. 2010. The Persian/Arabian Gulf: a young sea in decline, threats and optimistic developments. *Marine Pollution Bulletin* 60: 13-38.
48. Dalleau M., Andréfouët S., Wabnitz C., Payri C., Wantiez L., Pichon M., Friedman K., Vigliola L., **Benzoni F.** 2010. Efficient coral reef conservation planning in Pacific Ocean Islands using habitats as surrogates of biodiversity. *Conservation Biology* 24: 541-552.

49. Chaîneau C.-H., Hirst R., Al-Thary I., Dutrieux E., Thorin S., Caragnano A., **Benzoni F.**, Pichon M. 2010. Results and lessons learned from a 3-year intensive coral communities monitoring during the construction of a LNG plant in Yemen. *SPE International Conference on Health, Safety and Environment in Oil and Gas Exploration and Production*, Rio de Janeiro, Brazil 1: 619-643.
50. **Benzoni F.**, Pichon M., Galli P. 2009. Pink spots on *Porites*: not always a coral disease. *Coral Reefs* DOI: 10.1007/s00338-009-0571-z
51. **Benzoni F.**, Calcinai B., Eisinger M., Klaus R. 2008. Coral disease mimic: sponge attacks *Porites lutea* in Yemen. *Coral Reefs* 27:695.
52. Stefani F., **Benzoni F.**, Pichon M., Cancelliere C., Galli P. 2008. A multidisciplinary approach to the definition of species boundaries of the branching species of the coral genus *Psammocora* (Cnidaria, Scleractinia). *Zoologica Scripta* 37: 71-91.
53. Stefani F., **Benzoni F.**, Galli P., Pichon M., Mitta G. 2008. Genetic and morphometric evidence for unresolved species boundaries in the coral genus *Psammocora* (Cnidaria; Scleractinia). *Hydrobiologia* 596: 153-172.
54. **Benzoni F.**, Stefani F., Stolarski J., Pichon M., Mitta G., Galli P. 2007. Debating phylogenetic relationships of the scleractinian *Psammocora*: molecular and morphological evidences. *Contributions to Zoology* 76: 35-54.
55. Galli P., Strona G., Villa A.M., **Benzoni F.**, Stefani F., Doglia S., Kritsky D.C. 2007 Two-Dimensional Versus Three-Dimensional Morphometry of Monogenoidean Sclerites. *International Journal for Parasitology* 37: 449-456.
56. Galli P., Strona G., **Benzoni F.**, Crosa G., Stefani F., 2007. Monogenoids from freshwater fish in Italy, with comments on alien species. *Comparative Parasitology* 74: 264-272.
57. Galli P., **Benzoni F.**, Strona G., Stefani F., Kritsky D.C. 2007. Monogenoidean parasites of fishes associated with coral reefs in the Ras Mohammed National Park, Egypt: preliminary results. *Helminthologia* 44: 76-79.
58. Pichon M., **Benzoni F.** 2007. Taxonomic re-appraisal of zooxanthellate Scleractinian Corals in the Maldive Archipelago. *Zootaxa* 1441: 21-33.
59. **Benzoni F.** 2006. *Psammocora albopicta* sp. nov., a new species of Scleractinian coral from the Western Indo-Pacific (Scleractinia; Siderastreidae). *Zootaxa* 1358: 49-57.
60. Galli P, Stefani F., **Benzoni F.** e Zullini A. 2005. Introduction of alien host-parasite complexes in a natural environment and the symbiota concept. *Hydrobiologia* 548: 293-299.
61. Strona G, Stefani F, **Benzoni F** and Galli P. 2005. Morphometric discriminant analysis for the classification of *Diplectanum* (Monogenea: monopisthocotylea), parasites of *Sphyræna flavicauda*. *Parassitologia* 47: 237-9.
62. **Benzoni F.**, Pichon M. 2004. *Stylocoeniella nikei*, n.sp., a new zooxanthellate coral from the Pacific (Cnidaria, Anthozoa, Scleractinia). *Italian Journal of Zoology* 71: 147-151.
63. Galli P., Ortis M., **Benzoni F.**, Stefani F., El-Said L., Allam K., Eman S., Sporchia N., Poggi L. 2004. Occurrence of Monogenea in Red Sea fish *Parassitologia* 46: 151.
64. Galli P., Stefani F., **Benzoni F.**, 2004 Introduction of host-parasite complexes in a natural environment. *Parassitologia* 46: 152.
65. Galli P., Stefani F., **Benzoni F.**, Crosa G., Zullini A. 2004. New records of alien monogeneans from *Lepomis gibbosus* and *Silurus glanis* in Italy. *Parassitologia* 45, 147-149.
66. **Benzoni F.**, Bianchi C.N., Morri C. 2003. Coral communities of the North-western Gulf of Aden (Yemen): variation in framework building related to environmental factors and biotic conditions. *Coral Reefs* 22: 475-484.
67. Kemp J.M., **Benzoni F.** 1999. Monospecific coral areas on the northern shore of the Gulf of Aden, Yemen. *Coral Reefs* 18: 280.

Peer reviewed publications without IF

68. **Benzoni F.**, Pichon M., Dutrieux E., Chaîneau C.H. 2012. The scleractinian fauna of Yemen: diversity and species distribution patterns. *Proceedings of the 12th International Coral Reef Symposium, Cairns*, pp. 11-6. <http://eprints.jcu.edu.au/22394/>
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FORMAL TAXONOMIC ACTIONS

Family Group

Coscinaraeidae Benzoni, Arrigoni, Stefani & Stolarski, 2012

Genus Group

1. *Bernardpora* Kitano & Fukami in Kitano et al. 2014
2. *Paragoniastrea* Huang, Benzoni & Budd, 2014 in Huang et al. 2014
3. *Australophyllia* Benzoni & Arrigoni in Arrigoni et al. 2016

Species Group

1. *Stylocoeniella nikei* Benzoni & Pichon, 2004
2. *Psammocora albopicta* Benzoni, 2006
3. *Porites fontanesii* Benzoni & Stefani, 2012
4. *Echinophyllia tarae* Benzoni, 2013
5. *Pachyseris inattesa* Benzoni & Terraneo in Terraneo et al. 2014
6. *Blastomussa vivida* Benzoni, Arrigoni & Hoeksema in Benzoni et al. 2014
7. *Cyphastrea kausti* Bouwmeester & Benzoni in Bouwmeester et al. 2015
8. *Micromussa indiana* Benzoni & Arrigoni in Arrigoni, Benzoni et al. 2016
9. *Micromussa pacifica* Benzoni & Arrigoni in Arrigoni, Benzoni et al. 2016
10. *Echinophyllia bulbosa* Arrigoni, Benzoni & Berumen in Arrigoni et al. 2016
11. *Echinophyllia gallii* Benzoni & Arrigoni in Arrigoni et al. 2016
12. *Cyphastrea magna* Benzoni & Arrigoni in Arrigoni et al. 2017