

Martina Ilarri

POST DOCTORAL RESEARCHER (2013-2018)

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AREA OF SCIENTIFIC ACTIVITY: Ecology

Work experience

2013/PRESENT - POST-DOCTORAL FELLOWSHIP/ FCT- Foundation for Science and Technology/ at CIIMAR- Interdisciplinary Centre of Marine and Environmental Research, Porto, Portugal.

2008/2012 - PHD SCHOLARSHIP/ FCT- Foundation for Science and Technology/ at CIIMAR- Interdisciplinary Centre of Marine and Environmental Research, Porto, Portugal.

2006/2008 - MASTER SCHOLARSHIP/ CAPES- coordination of improvement of higher level staff/ at Universidade Federal da Paraíba, Brazil.

2002/2003 - BACHELOR SCHOLARSHIP / CNPq- National Council for Scientific and Technological Development/ at Universidade Federal Fluminense, Brazil.

Publications

ACCEPTED

- Modesto V, ILARRI MI, Souza AT, Sousa R. Fish and mussels: Importance of fish for freshwater mussel conservation. *Fish and Fisheries*.

2017/2016

1. Castro PS*, ILARRI MI*, Modesto V, Antunes C, Sousa R. (In press). Palatability of the Asian clam *Corbicula fluminea* (Müller 1774) in an invaded system. *Hydrobiologia*. (*equal contribution to this work as first authors).
2. ILARRI MI, Souza AT, Rosa RS. (2017). Community structure of reef fishes in shallow waters of the Fernando de Noronha archipelago: effects of habitat characteristics and different levels of environmental protection. *Marine and Freshwater Research* 68: 1303-1316.
3. Novais A, Souza AT, ILARRI MI, Pascoal C, Sousa R. (2016). Effects of the invasive clam *Corbicula fluminea* (Müller 1774) on the structure of an estuarine microbial community. *Science of the Total Environment* 566-567: 1168-1175.

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4. ILARRI MI, Souza AT, Modesto V, Guilhermino L, Sousa R. (2015). Differences in the macrozoobenthic fauna colonizing empty bivalve shells before and after invasion by *Corbicula fluminea*. *Marine and Freshwater Research*, 66: 549-558 doi:10.1071/MF14004.
5. ILARRI MI, Souza AT, Sousa R. (2015). Contrasting decay rates of freshwater bivalves' shells: Aquatic versus terrestrial habitats. *Limnologica – Ecology and Management of Inland Waters*, 51: 8-14. doi:10.1016/j.limno.2014.10.002.

6. Novais A, **ILARRI MI**, Souza AT, Pascoal C, Sousa R. (2015). Facilitation in the low intertidal: effects of an invasive species on the structure of an estuarine macrozoobenthic assemblage. *Marine Ecology Progress Series*, 522: 157-167. doi:10.3354/meps.11168.
7. Novais A, Souza AT, **ILARRI MI**, Pascoal C, Sousa R. (2015). From water to land: how an invasive clam may function as a resource pulse to terrestrial invertebrates. *Science of the Total Environment*, 538: 664-671.
8. **ILARRI MI**, Souza AT, Antunes C, Guilhermino L, Sousa R. (2014). Influence of the invasive Asian clam *Corbicula fluminea* (Bivalvia: Corbiculidae) on estuarine epibenthic assemblages. *Estuarine Coastal and Shelf Science*, 143: 12-19. doi:10.1016/j.ecss.2014.03.017.
9. Souza AT and **ILARRI MI**. (2014). Behavioral changes of a Brazilian endemic damselfish *Stegastes Rocasensis* when guarding eggs. *Environmental Biology of Fishes*, 97: 1295-1303. doi:10.1007/s10641-013-0215-6.

2012/2011

10. **ILARRI MI** and Sousa R. (2012). *Corbicula fluminea* Müller (Asian clam). In: Francis, A (eds) A handbook of Global Freshwater Invasive Species. Earthscan, London, UK, pp 173-183.
11. **ILARRI MI**, Freitas F, Costa-Dias S, Guilhermino L, Sousa R. (2012). Associated macrozoobenthos with the invasive Asian clam *Corbicula fluminea*. *Journal of Sea Research*, 72: 113-120. doi: 10.1016/j.seares.2011.10.002.
12. **ILARRI MI**, Antunes C, Guilhermino L, Sousa R. (2011). Massive mortality of the Asian clam *Corbicula fluminea* in a highly invaded area. *Biological Invasions*, 13: 277-280. doi: 10.1007/s10530-010-9833-5.
13. Souza AT, **ILARRI MI**, Campos J, Marques JC, Martins I. (2011). Differences in the neighborhood: Structural variations in the carapace of shore crabs *Carcinus maenas* (Decapoda: Portunidae). *Estuarine, Coastal and Shelf Science*, 95(4): 424-430. doi:10.1016/j.ecss.2011.06.021.

14. Souza AT, **ILARRI MI**, Rosa IL. (2011). Habitat use, feeding and territorial behavior of a Brazilian endemic damselfish *Stegastes rocasensis* (Actinopterygii: Pomacentridae). *Environmental Biology of Fishes*, 91: 133-144. doi:10.1007/s10641-010-9765-z.
15. Souza AT, **ILARRI MI**, Medeiros PR, Sampaio CLS, Floeter SR. (2011). Unusual colour patterns of territorial damselfishes (Pomacentridae: *Stegastes*) in the Southwestern Atlantic. *Marine Biodiversity Records*, 4: e101. doi:10.1017/S1755267211001035.
16. Sousa R, **ILARRI MI**, Souza AT, Antunes C, Guilhermino L. (2011). Rapid decline of the greater European peacocks at the periphery of its distribution. *Annales de Limnologie – International Journal of Limnology*, 47(3): 211-219. doi:10.1051/limn/2011041.

2010/2009

17. Medeiros PR, Gempel RG, Souza AT, **ILARRI MI**, Rosa IL. (2010). Non-random reef use by fishes at two dominant zones in a tropical, algal-dominated coastal reef. *Environmental Biology of Fishes*, 87: 237-246. doi:10.1007/s10641-010-9593-1
18. Medeiros PR, Souza AT, **ILARRI MI**. (2010). Habitat use and behavioural ecology of the juveniles of two sympatric damselfishes (Actinopterygii: Pomacentridae) in the South-western Atlantic. *Journal of Fish Biology*, 77: 1599-1615. doi:10.1111/j.1095-8649.2010.02795.x

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19. **ILARRI MI**, Souza AT, Medeiros PR, Gempel RG, Rosa IL. (2008). Effects of tourist visitation and supplementary feeding on fish assemblage composition on a tropical reef in the Southwestern Atlantic. *Neotropical Ichthyology*, 6: 651-656. doi:10.1590/S1679-62252008000400014

20. Souza AT, ILARRI MI, Medeiros PR, Gempel RG, Rosa RS, Sampaio CLS. (2007). Fishes (Elasmobranchii and Actinopterygii) of Picãozinho reef, Northeastern Brazil, with notes on their conservation status. *Zootaxa*, 1608: 11-19.
21. Souza AT, ILARRI MI, Valentim LPF. (2007). A hitch-hiker octopus on a southern stingray at Fernando de Noronha Archipelago, SW Atlantic. *Coral Reefs*, 26: 333. doi:10.1007/s00338-007-0199-9
22. Souza AT, ILARRI MI, Medeiros PR, Sampaio CLS, Horta PA. (2007). Small distances, great differences: a case study involving the biomass of reef seaweeds and fishes in the coast of Paraíba, Northeast of Brazil. *Biotemas*, 20 (2): 9-13.
23. Medeiros PR, Gempel RG, Souza AT, ILARRI MI, Sampaio CLS. (2007). Effects of recreational activities on the fish assemblage structure in a northeastern Brazilian reef. *Pan-American Journal of Aquatic Sciences*, 2(3): 288-300.
24. Sampaio CLS, Medeiros PR, ILARRI MI, Souza AT, Gempel RG. (2007). Two new interspecific associations of the hairy blenny *Labrisomus nuchipinnis* (Teleostei: Labrisomidae) on the South Atlantic. *Journal of the Marine Biological Association of the United Kingdom*, 5659: 1-3. doi:10.1017/S175526720700659