

Francisco Martínez Baena

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Education

PhD in Biology: Macquarie University. 2016- present

MSc in Biodiversity: Universidad of Barcelona. 2013-2014

Degree in Environmental Sciences & Degree in Marine Sciences: Universidad de Cádiz. 2007-2015

Work experience

1/12/2016 – present: PhD in Benthic Ecology Lab – Macquarie University. Project: Oysters as fish habitat in NSW. Oysters assemblages and their role as habitat: differences in oyster reefs, mangroves and rocky reefs. Oyster reefs as fish habitat in NSW: a mosaic system perspective. Oyster leases as habitat for fish in NSW.

1/03/2013 - 31/10/16: Internship at Institute of Marine Sciences (Instituto de Ciencias del Mar, ICM-CSIC), Barcelona. Department of Marine Renewable Resources. ECOTRANS project: “Dynamics and ecological role of small pelagic fishes in the North Western Mediterranean: Energy transfer from planktonic organisms to top predators” (ECOTRANS, 2012-2014).

1/07/2012- 30/9/2012: Internship at Spanish Institute of Oceanography (IEO), Fuengirola, Málaga. Department of Northwest African fisheries. Project: Diary growth of the hakes *Merluccius polli*, *Merluccius senegalensis* in Mauritanian waters.

Congresses

- International congress “Mollusca 2014”. Ciudad de México. June 2014. Oral presentation: Trophic ecology of the short-finned squid *Illex coindetii* in the Northwestern Mediterranean.

Publications

- Martínez-Baena, F., Navarro, J., Rosas-Luis R., Palomera I., Albo-Puigserver, M. 2016. Feeding habits of the short-finned squid *Illex coindetii* in the Western Mediterranean Sea by combining stomach content and isotopic analysis. *Journal of the Marine Biological Association of the United Kingdom*, 96: 1235–1242.
 - Rosas-Luis R., Navarro J., Martínez-Baena F., Sánchez P. 2017. Differences in the trophic niche along the gladius of the squids *Illex argentinus* and *Doryteuthis gahi* based on their isotopic values. *Regional Studies in Marine Science*, 11: 17-22.
 - I. Palomera, J. Navarro, M. Coll, M. Bernal, M. P. Olivar, M. Albo-Puigserver, C. Barría, R. Sáez-Liante, J. Steenbeek, V. Christensen, Z. Barroeta, H. Cardona, X. Corrales, N. López, F. Martínez, A. Muñoz, S. Sánchez, E. Valls, R. Rosas-Luis. The ECOTRANS Project: unraveling the trophic pathways and energy transfer from small pelagic fish to top predators in the Mediterranean Sea. *3rd CLIOTOP SYMPOSIUM, Donostia, Spain, 2015. Poster.*
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