

Isabella D'Ambra



Born in Napoli (Italy) on 26/08/1975

Tel.: +39 081 5833201

Fax: +39 081 7641355

e-mail: isabella.dambraa@szn.it

Skype: isabella.dambra

Current Position: Researcher III professional level

Current Affiliation:

Integrative Marine Ecology Department, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree Function	Year	Field of Study
Stazione Zoologica Anton Dohrn, Napoli, Italy	Researcher	2017-	Ecology of gelatinous zooplankton
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technician	2017	Ecology of gelatinous zooplankton
University "Federico II", Faculty of Medicine, Napoli, Italy	Professor	2016-2017	English language
Stazione Zoologica Anton Dohrn, Napoli, Italy	Postdoc	2015-2016	Ecological characterization of Fusaro lagoons
OGS - Istituto di Oceanografia e Geofisica Sperimentale	Postdoc	2013-2014	Trophic ecology of forage fishes
University of South Alabama (USA), Department of Marine Sciences Dauphin Island Sea Lab (Alabama, USA)	PhD	2006-2012	Application of stable isotopes to the trophic interactions between gelatinous zooplankton and fish
Ministry of French Education	Diplôme Approfondi de la Langue Française (DALF)	2002	Language
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist	2000-2004	Maintenance and re-

Dohrn, Napoli, Italy			organization of SZN Zoological Collections
University of Cambridge (Cambridge, UK)	Certificate of Proficiency in English (CPE)	1999	Language
Stazione Zoologica Anton Dohrn, Napoli, Italy	Laurea (~MSc)	1998-2000	Feeding mechanisms of the scyphomedusa <i>Phyllorhiza punctata</i>

Appointments and awards

2015 Expert in the panel Environment of the Marie Curie Fellowships (European Commission Research Agency)

2014 The paper: D'Ambra et al. Fish rely on scyphozoan hosts as a primary food source: evidence from stable isotope analysis is feature article of issue 162 (2) in Marine Biology and introduced by the editorial:

Harrod, C. 2015. Stable isotope analysis reveal hidden reliance on scyphozoan jellyfish in a commensal fish: editorial comment on the feature article by D'Ambra et al. Marine Biology. 162(2):245-2466.

2012 Third Best Oral Presentation at the Gulf States Graduate Students Symposium, Dauphin Island Sea Lab, Dauphin Island, AL, 2-4 March

2010 The paper: Graham et al. Oil carbon entered the coastal planktonic food web during the Deepwater Horizon oil spill. Environmental Research Letters 5 045301 is in the ERL Highlights in a selection of groundbreaking papers published in 2010 in ERL

2009 Second Best Oral Presentation at the Gulf States Graduate Students Symposium, Dauphin Island Sea Lab, Dauphin Island, AL, 4-5 April

2008 Best Poster Presentation at the Second International Jellyfish Blooms Symposium. Gold Coast, Australia, 24-27 July

Referee for the following scientific journals:

Marine Ecology Progress Series; Marine Biology, Marine Ecology; Journal of Plankton Research; Environmental Science and Pollution Research; Marine Mediterranean Science

and special issues:

(2017) Jellyfish bloom research: advances and challenges (JB5), special issue of Marine Ecology Progress Series

(2016) "Jellyfish: Ecology, Distribution Patterns and Human Interactions". Gian Luigi Mariottini (Ed.). Nova Science Publish

Presentations at Conferences and Symposia

2016. Avian M., Ramšak A., Tirelli V., D'Ambra I., Malej A. New developments in Pelagiidae taxonomy and phylogeny (Cnidaria: Scyphozoa: Semaestomeae). 5th Jellyfish Bloom Symposium, Barcelona (Spain), 30 May-5 June (ORAL)

2014 Malej A., Tirelli V., Kogovšek T., D'Ambra I., Angel D. Join our jelly monitoring! PERSEUS General Assembly, Athens, Greece, 27-30 January (POSTER)

2012 D'Ambra I., Graham W.M., Carmichael R.H., Hernandez Jr. F.J. Stable isotopes provide evidence the forage fish, *Chloroscombrus chrysurus*, feed on their scyphozoan host in the northern Gulf of Mexico. Gulf States Graduate Students Symposium, Dauphin Island Sea Lab, Dauphin Island, AL, 2-4 March (ORAL)

- 2010** Graham W.M., Condon R.H., Carmichael R.H., D'Ambra I., Patterson H.K. Oil carbon entered the coastal microbial & planktonic food web during the Deepwater Horizon oil spill. Integrated Marine Biogeochemistry and Ecosystem Research Workshop, Crete, Greece, 10-14 October (POSTER)
- 2009** D'Ambra I., Carmichael R.H., Malej A., Graham W.M. Food web reconstruction in Mljet lakes using stable isotopes: a pilot study. "Meduza" Project Symposium, Korcula (Croatia), 13 May (ORAL)
- 2009** D'Ambra I., Carmichael R.H., Graham W.M. Trophic position of *Aurelia* sp.5 (Cnidaria: Scyphomedusae) in Mljet lakes: a new insight in the assessment of gelatinous zooplankton trophic ecology. Gulf of Mexico Graduate Students Symposium, Dauphin Island Sea Lab, Dauphin Island, AL, 4-5 April (ORAL)
- 2009** D'Ambra I., Carmichael R.H., Malej A., Suchman C.L., Graham, W.M.. Using stable isotopes to assess trophic position of *Aurelia* sp.5 in Mljet lakes (Croatia). ASLO Aquatic Sciences Meeting, Nice (France), 25-30 January (ORAL)
- 2009** Collini R.C., Hernandez Jr. F.J., D'Ambra I., Graham W.M. Assessing ichthyoplankton predation risk to resolve patterns and processes due to gelatinous zooplankton feeding. ASLO Aquatic Science Meeting, Nice (France), 25-30 January (POSTER)
- 2009** D'Ambra I., Graham W.M. Early developmental stages of a sea anemone parasite on *Aurelia* sp. from Veliko Jezero (Mljet, Croatia). Second International Jellyfish Blooms Symposium. Gold Coast, Australia, 24-27 July (POSTER)
- 2006** Gambi M.C., D'Ambra I., Fiorito G., Saggiomo V. The Moncharmont Archive: historical aspects of marine biodiversity in the Gulf of Naples and surrounding waters. XVII Congress of the Italian Association of Oceanology and Limnology, Naples, 3-7 July (ORAL)
- 2005** Costello J.H., Colin S.P., Higgins III J.H., D'Ambra I. Scyphomedusan form, function and feeding. ASLO Aquatic science Meeting, Salt Lake City, 20-25 February (ORAL)
- 2000** D'Ambra I., Bentivegna F., Costello J.H. An example of collaborative research at the Naples Aquarium: feeding mechanisms of the Scyphomedusa *Phyllorhiza punctata* von Ledenfeld, 1884. Fifth International Congress of Aquariology, Montecarlo, 20-25 November (ORAL)
- 2000** D'Ambra I., Bentivegna F., Costello J.H. Flow and prey capture by the scyphomedusa *Phyllorhiza punctata* von Ledenfeld, 1884. First International Conference on Jellyfish Blooms, Gulf Shores (Alabama, USA), 12-14 January (POSTER)

Publications

Author of 7 publications on ISI-journals (h index: 6), 5 non-peer-reviewed publications and 1 book chapter

List of publications

Peer-reviewed publications:

- D'Ambra I., Graham W.M., Carmichael R.H., Hernandez Jr. F.J. (n press) Dietary overlap between jellyfish and forage fish in the northern Gulf of Mexico. *Mar Ecol Prog Ser*. DOI:10.3354/meps12419.
- Avian M., Ramšak A., Tirelli V., D'Ambra I., Malej A. 2016. Redescription of *Pelagia benovici* into a new jellyfish genus: *Mawia* gen. nov., and its phylogenetic position within Pelagiidae (Cnidaria: Scyphozoa: Semaestomeae). *Invertebrate Systematics*, 30 (6): 523-546. Doi: 10.1071/IS16010;
- D'Ambra I., Graham W.M., Carmichael R.H., Hernandez Jr. F.J. 2015. Fish rely on scyphozoan hosts as a primary food source: evidence from stable isotope analysis. *Marine Biology*, 162 (2): 247-252 .DOI:10.1007/s00227-014-2569-5;

D'Ambra I., Carmichael R.H., Graham W.M. 2014. Determination of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ and trophic fractionation in jellyfish: implications for trophic ecology and food web studies. *Marine Biology*, 161: 473-480; DOI 10.1007/s00227-013-2345-y;

D'Ambra I., Graham W.M., Carmichael R.H., Malej A., Onofri V. 2013. Predation patterns and prey quality of medusae in a semi-enclosed marine lake: implications for food web energy transfer in coastal marine ecosystems. *Journal of Plankton Research*, 35 (6): 1305-1312; Doi: 10.1093/plankt/fbt065;

Graham W.M., Condon R.H., Carmichael R.H., D'Ambra I., Patterson H.K., Linn L.J., Hernandez Jr. F.J., 2010. Oil carbon entered the coastal planktonic food web during the Deepwater Horizon oil spill. *Environmental Research Letters* 5: 045301, Doi:10.1088/1748-9326/5/4/045301;

D'Ambra I., Costello J.H., Bentivegna F., 2001. Flow and prey capture by the scyphomedusa *Phyllorhiza punctata* von Lendenfeld, 1884. *Hydrobiologia*, 451: 223-227, DOI:10.1023/A:1011832222174;

Non peer-reviewed publications:

D'Ambra I., Malej, A. 2015. Scyphomedusae of the Mediterranean: state of the art and future perspectives. *Central Nervous System Agents in Medicinal Chemistry* 15 (2): 81-94. DOI: 10.2174/1871524915666150326114733

D'Ambra I. 2012. Application of stable isotopes in the analysis of trophic interactions between gelatinous zooplankton and fish. PhD Dissertation, University of South Alabama, Mobile, Alabama, USA

D'Ambra I., Graham W.M., 2009. Early developmental sequence of an anthozoan parasite of the jellyfish *Aurelia* sp.5 in an isolate marine "lake" (Mljet, Croatia). *Annales Series historia naturalis* 19:59-64

Graham W.M., Chiaverano L., D'Ambra I., Mianzan H., Alvarez Colombo G., Acha E.M., Malej A., Costello J.H., Onofri V., Benović A., 2009. Fish and jellyfish: using the isolated marine "lakes" of Mljet Island, Croatia, to explore larger marine ecosystem-based management approaches. *Annales Series historia naturalis* 19: 39-48

D'Ambra I., Costello J.H., Bentivegna F., 2001. An example of collaborative research at the Naples Aquarium: feeding mechanisms of the scyphomedusa *Phyllorhiza punctata* von Ledenfeld, 1884. *Bulletin de l'Institut océanographique Monaco*, n° special 20, volume 1: 255-260.

Book Chapters:

Gambi M.C., D'Ambra I., Fiorito G., Saggiomo V. 2013. The "Archivio "Moncharmont": a pioneering biodiversity assessment in the Gulf of Naples (Italy). In: Groeben C. (ed.) *Places, People, Tools. Oceanography in the Mediterranean and Beyond. Proceedings of the Eight International Congress for the History of Oceanography. Pubblicazioni della Stazione Zoologica Anton Dohrn*, IV, pp. 459-467. DOI: 10.13140/2.1.2155.9681