

## Curriculum Vitae

Marco Curini-Galletti

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### EDUCATION

- 1983. Ph.D. scholarship, Scuola Normale Superiore, Pisa. Topic: Contribution to the knowledge of Proseriata (Platyhelminthes).
- 1979. Degree in Biological Sciences. University of Pisa. Evaluated Magna Cum Laude. Thesis: "Le Mitilae del Litorale Livornese". Advisor: Prof. L. Galleni

### ACADEMIC APPOINTMENTS

- 2001-Present: Università di Sassari, Dipartimento di Medicina Veterinaria: Full Professor (Zoology).
- 1993-1996: Queensland Museum, Brisbane: Honorary Research Fellow.
- 1992-2001: Università di Sassari, Dipartimento di Zoologia e Antropologia Biologica: Associated Professor (Zoology);
- 1987-1988: University of Haifa, Institute of Evolution (Director. Prof. E. Nevo): visiting researcher.
- 1983-1992: Università di Pisa, Dipartimento di Scienze dell'Ambiente e del Territorio): researcher.

### TEACHING

- 1993-present: Invertebrate Systematics and Phylogeny (10 ECTS) (Bachelor Degree, Scienze Naturali, University of Sassari)
- 2017-present: Marine Zoogeography of the Mediterranean (8 ECTS) (Master degree: Gestione dell'Ambiente e del Territorio University of Sassari).
- 2012: São Sebastião, Centro di Biologia Marinha, Universidade de São Paulo, Brazil. "Taxonomy and Diversity of Marine Meiofauna – Brazil" (1 ECTS)
- 2005-2013: Systematics and Ecology of Zoobenthos (6 ECTS) (Master degree: Gestione dell'Ambiente e del Territorio, University of Sassari)
- 2003-2005: Marine Zoology (6 ECTS) (Master degree: Gestione dell'Ambiente e del Territorio, University of Sassari)
- 2007-2016 : Lectures for Master in "Gestione e Conservazione dell'Ambiente e della Fauna".

### PHD SCHOOLS:

- 2013-present: Member of the committee of International PhD school in: Life Sciences and Biotechnologies – University of Sassari.

- 2006-2012: Member of the committee of PhD school in: Scienze della natura e delle sue risorse – University of Sassari.

## ASSIGNMENTS

- 2016-2018: member of the “Commissione per l’Abilitazione Scientifica Nazionale per il settore concorsuale 05/B1 – Zoologia e Antropologia”.
- 2011-2014: Vice-Director, Department ‘ Scienze della Natura e del Territorio’, University of Sassari.
- 2010-2014: Director of PhD school in: Scienze della natura e delle sue risorse – University of Sassari.
- 2007-2009: President of the Bachelor Degree and Master Degree in Scienze Naturali – University of Sassari.
- 2000-2010: Member of the ‘Consiglio Direttivo’ del Parco Nazionale “Arcipelago di La Maddalena”.

## PARTICIPATION IN RESEARCH PROJECTS AND FUNDING

- 2018 - Banco di Sardegna-Università di Sassari. Research project “The contribution of interstitial flatworms in monitoring the effects of the climate change”. Funding € 60.000,00.
- 2016 - National Park of Asinara, and Marine Protected Area of Isola dell’Asinara (Sardinia, Italy) Research project “Contributo alla conoscenza della meiofauna nell’AMP dell’Isola dell’Asinara”. Funding € 15.000,00.
- 2013 - Assemble Project: ‘Biodiversity of meiofauna in a key biogeographical area’. Faro, Portugal: principal Investigator.
- 2012 – National Park of Asinara, and Marine Protected Area of Isola dell’Asinara (Sardinia, Italy) - PO Sardegna FSE 2007-2013 Asse IV – Linea di attività 4.1.2.b – Azione 9: “Tutela e gestione dei siti della Rete Ecologica Regionale”) - Activity to achieve: 1) Detailed plan for the malacofauna; 2) Detailed plan for the study of the genetic variability of the protected species *Pinna nobilis*. Funding: € 13,000.00.
- 2010 - Ministry of Education, University and Research – University of Sassari (FAR, ex 60%).
- 2009 - Ministry of Education, University and Research – University of Sassari (FAR, ex 60%).
- 2008 - Ministry of Education, University and Research – University of Sassari (FAR, ex 60%).
- 2007 - Ministry of Education, University and Research – PRIN (Italian) peer review project: “Contribution to the knowledge of the Mediterranean marine fauna: processing of volumes of the "Fauna of Italy" dedicated to Gastrotricha, Proseriata, Rotifera and Tardigrada”. Funding: € 73,132.00.

- 2004 - Ministry of Education, University and Research – PRIN (Italian) peer review project: “Contribution of meiofauna to the Italian marine biodiversity”. Funding: € 100,000.00.

#### EDITORIAL BOARD MEMBERSHIP

- -Associated Editor of ‘Marine Biodiversity’ (2014-present)
- -Member of the Scientific Committee for the ‘Fauna d’Italia’ (2004-present)
- -Member of the Scientific Board of "Belgian Journal of Zoology" (2008-present).
- -Member of the Editorial Board of “Meiofauna Marina” (2004-2010)

#### REFEREE FOR SCIENTIFIC JOURNALS:

European Journal of taxonomy; Hydrobiologia; Italian Journal of Zoology; Journal of Natural History; Marine Biodiversity; Marine Biology; Meiofauna Marina; PloS ONE; Systematic Biology; Tropical Zoology, Zoological Journal of the Linnean Society; Zoologica Scripta; Zootaxa.

#### PARTECIPATION TO SAMPLING CAMPAIGNS AS ‘INVITED EXPERT’

- 2017. Coconut Island, Kanehoe (Hawaii): MarineGEO Bioassessment (funded by Smithsonian Conservation Biology Institute and the Hawaii Institute of Marine Biology).
- 2016. Achotines Bay, Panama: Genome Diversity and Evolution of meiofaunal populations separated by the Isthmus of Panama (funded by the Global Genome Initiative).
- 2013. Faro (Portugal): ‘Biodiversity of meiofauna in a key biogeographical area’. funded by Project Assemble.
- 2012. São Sebastião (Brazil). “Taxonomy and Diversity of Marine Meiofauna, Brazil”, funded by CEBIMar, the Centre for Marine Biology of the University of São Paulo.
- 2011. Lanzarote /Canary Is., Spain). Biodiversity of Meiofauna . Funded by Municipalidad Distrital de Canaria 2011.
- 2011. Naos (Panama). Marine Meiofauna”, funded by the Smithsonian Institution, Washington DC.
- 2010. Bocas del Toro (Panama) “Marine Meiofauna”, funded by the Smithsonian Institution, Washington DC.
- 2007. Tjärnö (Svezia). “Marine Meiofauna”, funded by the Svenska artprojektet - Swedish Taxonomy Initiative.
- 2001. Port Lincoln (Australia). ‘Marine biodiversity of S.A.’ funded by the Australian Research Council);
- 1992/1993/1998. Brisbane (Australia). “Microturbellaria”, funded by the Australian Research Council.

## RESEARCH

I am a marine Zoologist, primarily devoted to the study of a component of marine Meiofauna, the Proseriata, a group of interstitial, free-living Platyhelminthes, of which I am the international expert. My research has contributed greatly to the present understanding of in-group phylogenetical relationships of Proseriata, and led to the establishment of two new families, and numerous new genera and species. I am particularly interested in the study of cryptic species, with an integrative taxonomic approach, utilising clues spanning from morphology, karyology, reproductive biology, as well as DNA taxonomy. I am based at the University of Sassari (Italy), where I am a Full Professor of Zoology.

STATISTICS (updated February 2019)

Peer-reviewed publications: > 100.

Number of citations: 2462

h-index: 24

(source Google Scholar:

<https://scholar.google.it/citations?user=jhBNfKYAAAAJ&hl=en&oi=aoscholar.google.co.uk/citations?hl=en&user=jhBNfKYAAAAJ> )

## LATEST PUBLICATIONS

Francesca Leasi, Joseph L Sevigny, Eric M Laflamme, Tom Artois, Marco Curini-Galletti, Alberto de Jesus Navarrete, Maikon Di Domenico, Freya Goetz, Jeffrey A Hall, Rick Hochberg, Katharina M Jörger, Ulf Jondelius, M Antonio Todaro, Herman H Wirshing, Jon L Norenburg, W Kelley Thomas, 2018. “Biodiversity estimates and ecological interpretations of meiofaunal communities are biased by the taxonomic approach”, *Communications Biology*, 1, <https://doi.org/10.1038/s42003-018-0119-2>

Fabio Scarpa, Daria Sanna, Piero Cossu, Tiziana Lai, Marco Curini-Galletti, Marco Casu, 2017. [“A molecular approach to the reconstruction of the pre-Lessepsian fauna of the Isthmus of Suez: the case of the interstitial flatworm *Monocelis lineata* sensu lato”, *Journal of Experimental Marine Biology and Ecology*, 502: 174-181

F. Scarpa, P. Cossu, V. Delogu, T. Lai, D. Sanna, F. Leasi, J. L. Norenburg, M. Curini-Galletti, M. Casu, 2017 “Molecular support for morphology-based family-rank taxa: the

contrasting cases of two families of Proseriata (Platyhelminthes)”, *Zoologica Scripta*, ISSN: 1463-6409, doi: 10.1111/zsc.12251.

F Scarpa, P Cossu, D Sanna, T Lai, M Casu, M Curini-Galletti, 2017. New insights on the genus *Otoplana* Du Plessis, 1889 (Platyhelminthes: Proseriata), with description of two new species from the Canary Islands Marine Biodiversity, <https://doi.org/10.1007/s12526-017-0785-1>

Scarpa F, Cossu P, Lai T, Sanna D, Curini-Galletti M, Casu M (2016). Meiofaunal cryptic species challenge species delimitation: the case of the *Monocelis lineata* (Platyhelminthes: Proseriata) species complex. *Contributions to Zoology*, 85 (2): 123-145.

Scarpa F, Cossu P, Sanna D, Lai T, Norenburg J, Curini-Galletti M, Casu M (2015). An 18S and 28S-based clock calibration for marine Proseriata (Platyhelminthes). *Journal of Experimental Marine Biology and Ecology*, 463: 22-31.

Casu M, Scarpa F, Delogu V, Cossu P, Lai T, Sanna D, Curini Galletti M (2014). Biodiversity patterns in interstitial marine microturbellaria: a case study within the genus *Parotoplana* (Platyhelminthes: Rhabditophora) with the description of four new species. *Journal of Zoological Systematics and Evolutionary Research*, 52 (3), 190-202.

Meyer-Wachsmuth I, Curini Galletti M, Jondelius U (2014). Hyper-Cryptic Marine Meiofauna: Species Complexes in Nemertodermatida. *PLOS ONE*, DOI: 10.1371/journal.pone.0107688.

Curini Galletti M (2014). Contribution to the knowledge of the Proseriata (Platyhelminthes: Rhabditophora) from southeast Brazil. *Marine Biodiversity*, 44 (3), 287-312.

Laumer C, Giribet G, Curini Galletti M (2014). *Prosogynopora riseri* gen. et spec. nov., a phylogenetically problematic lithophoran proseriate (Platyhelminthes: Rhabditophora) with inverted genital pores from the New England coast. *Invertebrate Systematics*, 28 (3), 309-325.

Curini Galletti M, Artois, T, Delogu, V, De Smet, WH, Fontaneto, D, Jondelius, U, Leasi, F, Martinez, A, Meyer- Wachsmuth, I, Nilsson, KS, Tongiorgi, P, Worsaae, K, Todaro, MA (2012). Patterns of Diversity in Soft-Bodied Meiofauna: Dispersal Ability and Body Size Matter. *PLOS ONE*, vol. 7, p. 1-13.

Appeltans W., Ahyong S.T., Anderson G., Angel M.V., Artois T., Bailly N., Bamber R., Barber A., Bartsch I., Berta A., Blazewicz-Paszkowycz M., Bock P., Boxshall G., Boyko C.B., Nunes Brandão S., Bray R.A., Bruce N.L., Cairns S.D., Chan T-Y., Cheng

L., Collins A.G., Cribb T., Curini Galletti M, Dahdouh-Guebas F., Davie P.J.F., Dawson M.N., De Clerck O., Decock W., De Grave S., de Voogd N.J., Domning D.P., Emig C.C., Erséus C., Eschmeyer W., Fauchald K., Fautin D.F., Feist S.W., Franssen C.H.J.M, Furuya H., Garcia-Alvarez O., Gerken S., Gibson D., Gittenberger A., Gofas S., Gómez-Daglio L., Gordon D.P., Guiry M.D., Hernandez F., Hoeksema B.W., Hopcroft R.R., Jaume D., Kirk P., Koedam N., Koenemann S., Kolb J.B., Kristensen R.M., Kroh A., Lambert G., Lazarus D.B., Lemaitre R., Longshaw M., Lowry J., Macpherson E., Madin L.P., Mah C., Mapstone G., McLaughlin P.A., Meland J.M.K., Messing C.G., Mills C.E., Molodtsova T.N., Mooi R., Neuhaus B., Ng P.K.L., Nielsen C., Norenburg J., Opresko D.M., Osawa M., Paulay G., Perrin W., Pilger J.F., Poore G.C.B., Pugh P., Read G.B., Reimer J.D., Rius M., Rocha R.M., Saiz-Salinas J.I., Scarabino V., Schierwater B., Schmidt-Rhaesa A., Schnabel K.E., Schotte M., Schuchert P., Schwabe E., Segers H., Self-Sullivan C., Shenkar N., Siegel V., Sterrer W., Stöhr S., Swalla B., Tasker M.L., Thuesen E.V., Timm T., Todaro M.A., Turon X., Tyler S., Uetz P., van der Land J., Vanhoorne B., van Ofwegen L.P., van Soest R.W.M., Vanaverbeke J., Walker-Smith G., Walter T.C., Warren A., Williams G.C., Wilson S.P., Costello M.J. (2012). The Magnitude of Global Marine Species Diversity . *Current Biology*, 22: 2189-2202.

Casu M, Sanna D, Cossu P, Lai T, Francalacci P, Curini Galletti M (2011). Molecular phylogeography of the microturbellarian *Monocelis lineata* (Platyhelminthes: Proseriata) in the North-East Atlantic. *Biological Journal of the Linnean Society*, 103: 117-135.