CURRICULUM VITAE

Benjamin Mueller

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Languages: German (mother tongue), English (proficient), Spanish (basic), Dutch (basic), French (basic)

EDUCATION

2010-2015	Ph.D. in Marine Biology, Royal Netherlands Institute for Sea Research (NIOZ) and Utrecht University (UU), The Netherlands.
2003-2009	Diploma in Biology (combination of B.Sc. and M.Sc.), University of Rostock, Germany.

PROFESSIONAL APPOINTMENTS

Start Jan 2017	Post-doctoral researcher, University of Amsterdam, The Netherlands.
Apr 2015-Dec 2016	Post-doctoral researcher/Lab manager, CARMABI Research Station, Curaçao.
May-Oct 2014	Junior Work Group Leader, Porifarma BV (a blue biotech company), The Netherlands.
2009-2010	Consultant, Marine Biology and Aquaculture, German Development Service (DED) at the Davao del Norte State College (DNSC), The Philippines.
2002-2003	Basic military service in the German army.

GRANTS & AWARDS

Jan 2017	Research Grant, Royal Netherlands Academy of Arts and Sciences (Koninklijke Nederlandse Akademie van Wetenschappen) Ecology Fund (€2,500).
Apr 2015	Research Grant, Society for Scientific Research in the Tropics (Treub Maatschappij) (€1,500).
Jan 2015	Research Grant, Royal Netherlands Academy of Arts and Sciences (Koninklijke Nederlandse Akademie van Wetenschappen) Ecology Fund (€5,000).
Oct 2009	Best Poster Award, 13th Annual Research Development & Extension Commodity Review and Science and Technology Planning Workshop of the Philippine Council for Aquatic and Marine Research and Development (PCAMRD), Davao City, the Philippines.

PEER-REVIEWED ARTICLES

Mueller, B., Meesters, E.H., van Duyl, F.C. (2017) DOC concentrations across a depth-dependent light gradient on a Caribbean coral reef. PeerJ 5:e3456.

Mueller, B. (2017) First documentation of encrusting specimen of *Cliona delitrix* on Curaçao: a cause for concern? Marine Biodiversity.

Gumanao, G.S., Saceda-Cardoza, M.M., **Mueller, B.**, Bos, A.R. (2016) Length–weight and length–length relationships of 139 Indo-Pacific fish species (Teleostei) from the Davao Gulf, Philippines. J Appl Ichthyol 32: 2.

Chamberland, V., Petersen, D., Latijnhouwers, K., Snowden, S., **Mueller, B.**, Vermeij M.J.A. (2016) Four-year-old Caribbean *Acropora* colonies reared from field-collected gametes are sexually mature. Bull Mar Sci 92(2): 263-264.

Mueller, B., Den Haan, J., Visser, P.M., Vermeij, M.J.A., Van Duyl, F.C. (2016) Effect of light and nutrient availability on the release of dissolved organic carbon (DOC) by Caribbean turf algae. Scientific Reports 6: 23248.

Alexander B.E., **Mueller, B.**, Vermeij, M.J.A., van der Geest, H.G., de Goeij, J.M. (2015) Biofouling of inlet pipes affects water quality in running seawater aquaria: A case study of sponge cell proliferation. Peer J 3: e1430.

Brocke, H.J., Wenzhoefer, F., de Beer, D., **Mueller, B.**, van Duyl, F.C., Nugues, M.M (2015) High dissolved organic carbon release by benthic cyanobacterial mats in a Caribbean reef ecosystem. Scientific Reports 5: 8852.

Mueller, B., van der Zande, R.M., van Leent, P.J.M., Meesters, E.H., Vermeij, M.J.A., van Duyl, F.C. (2014) Effect of light availability on dissolved organic carbon (DOC) release by Caribbean reef algae and corals. Bull. Mar. Sci. 90: 875-893.

Mueller, B., de Goeij, J.M., Vermeij, M.J.A., Mulders, Y., van der Ent, E., Ribes, M., van Duyl, F.C. (2014) Natural diet of coral-excavating sponges consists mainly of dissolved organic carbon (DOC). PLoS ONE. 9(2): e90152.

Meesters, E.H., **Mueller, B.**, Nugues, M.M (2012) Caribbean free-living coral species co-occurring deep off the windward coast of Curaçao. Coral Reefs. 32: 109.

Bos, A.R., Gumanao, G.S, **Mueller, B.**, Sacedaa, M.M. (2012) Management of Crown-of-Thorns sea star (*Acanthaster planci* L.) outbreaks: Removal success depends on reef topography and timing within the reproduction cycle. Ocean & Coastal Management. 71: 116-122.

Bos, A.R., Gumanao, G.S, **Mueller, B.**, Saceda, M.M. (2012) Size at maturation, sex differences, and pair density during the mating season of the Indo-Pacific beach star *Archaster typicus* (Echinodermata: Asteroidea) in the Philippines. Int. J. Invertebr. Repr. Dev. 57: 113-119.

Bos, A.R., Gumanao, G.S., **Mueller, B.** (2011) Feeding biology and symbiotic relationships of the corallimorpharian *Paracorynactis hoplites* (Anthozoa: Hexacorallia). Raff. Bull. Zool. 59: 245-250.

Mueller, B., Bos, A.R., Graf, G., Gumanao, G.S. (2011) Size-specific locomotion rate and movement pattern of four common Indo-Pacific sea stars (Echinodermata; Asteroidea). Aquat. Biol. 12(2): 157-164.

Bos, A.R., Gumanao, G.S., van Katwijk, M.M., **Mueller, B.**, Saceda, M.M., Tejada, R.P. (2011) Ontogenetic habitat shift, population growth, and burrowing behavior of the Indo-Pacific beach star, *Archaster typicus* (Echinodermata; Asteroidea). Mar. Biol. 158(3): 639–648.

EDITING AND REVIEWING

Bulletin of Marine Sciences, Coral Reefs, Diversity, Environmental Microbiology, Environmental Microbiology Reports, Journal of Visualized Experiments, Limnology and Oceanography, Marine and Freshwater Behaviour and Physiology, Marine Biodiversity Records, Marine Environmental Research, National Science Foundation, Oecologia, PLoS One, Springer.

COLLABORATORS

Andia Chaves-Fonnegra (UVI, St. Thomas), Arthur Bos (AUC, Cairo), Hannah Brocke (MPI, Bremen), Valérie Chamberland (UvA, Amsterdam/Carmabi, Curaçao), Jasper de Goeij (UvA, Amsterdam), Emma George (SDSD, San Diego), Joost den Haan (MPI, Bremen), Mark Slattery (UM, Oxford), Michael Lesser (UNH, Durham), Elizabeth Dinsdale (SDSU, San Diego), Bojan Hammer (Ruder Boskovic Institute, Rovinj), Erik Meesters (IMARES, Wageningen), Furu Mienis (NIOZ, Texel), Maggy Nuggues (CRIOBE, Perpignan Cedex), Ronald Osinga (WUR, Wageningen), Dirk Petersen (SECORE, Bremen), Marta Ribes (ICM-CSIS, Barcelona), Forest Rohwer (SDSU, San Diego), Fleur van Duyl (NIOZ, Texel), Mark Vermeij (UvA, Amsterdam/Carmabi, Curaçao).