



# Corrigendum: Wooden Stepping Stones: Diversity and Biogeography of Deep-Sea Wood Boring Xylophagidae (Mollusca: Bivalvia) in the North-East Atlantic Ocean, With the Description of a New Genus

## OPEN ACCESS

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**\*Correspondence:**  
Chiara Romano  
cromano@ceab.csic.es  
Christian Borowski  
cborowsk@mpi-bremen.de

**†ORCID:**  
Chiara Romano  
orcid.org/0000-0001-5078-0082  
Nadine Le Bris  
orcid.org/0000-0002-0142-4847  
Greg W. Rouse  
orcid.org/0000-0001-9036-9263  
Daniel Martin  
orcid.org/0000-0001-6350-7384  
Christian Borowski  
orcid.org/0000-0001-7921-3022

†These authors have contributed  
equally to this work

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Chiara Romano<sup>1\*†</sup>, Amandine Nunes-Jorge<sup>2†</sup>, Nadine Le Bris<sup>3†</sup>, Greg W. Rouse<sup>4†</sup>,  
Daniel Martin<sup>1†</sup> and Christian Borowski<sup>2\*†</sup>

<sup>1</sup> Centre d'Estudis Avançats de Blanes (CEAB-CSIC), Blanes, Spain, <sup>2</sup> Max Planck Institute for Marine Microbiology, Bremen, Germany, <sup>3</sup> Sorbonne Université, CNRS, Observatoire Océanologique de Banyuls (LECOB), Banyuls-sur-Mer, France, <sup>4</sup> Scripps Institution of Oceanography, University of California, San Diego, La Jolla, CA, United States

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## A Corrigendum on

### Wooden Stepping Stones: Diversity and Biogeography of Deep-Sea Wood Boring Xylophagidae (Mollusca: Bivalvia) in the North-East Atlantic Ocean, With the Description of a New Genus

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There are errors in the **Funding Statement**. The correct number for project CHEMECO is (**European Sciences Foundation (ESF)/Eurocores/EURODEEP/0001/2007**). Funding sources for shiptime during cruises BioBaz, M70/2-Bionil, MSM13/3-Homer, ARKXXII/1b, ARKXXIV/2, and Medeco-2 were missing. The links to the DeepFall project page and Twitter were incorrect and have been updated. The corrected **Funding Statement** is as follows:

This work was supported by the Max Planck Society and the French Centre National de la Recherche Scientifique (CNRS) associating Université de Liège, UPMC, and Museum of Natural History through the GDRE program “Diversity, establishment and function of organisms associated with marine wood falls-DiWOOD”; by project CHEMECO (European Sciences Foundation (ESF)/Eurocores/EURODEEP/0001/2007); by the Chair programme “Extreme Marine Environments, Biodiversity and Global Change” UPMC-Fondation TOTAL; by the EUROFLEET Programme; by the Agencia Española de Investigación (AEI) and the European Funds for Regional Development (FEDER/UE) through the research projects PROMETEO (CTM2007-66316-C02-02/MAR), DOSMARES (CTM2010-21810-C03-03) and PopComics (CTM2017-88080); and by Agència de Gestió d'Ajuts Universitaris i de Recerca of the Generalitat of Catalunya through the Consolidated Research Group on Marine Benthic Ecology (2017SGR378). Shiptime during research cruises BioBaz, M70/2-Bionil, MSM13/3-Homer, ARKXXII/1b, ARKXXIV/2, Medeco-2, and POS403-MenezKart received funding from the EU 6th FP HERMES (GOCE-CT-2005-511234), EU 7th FP HERMIONE (grant agreement no. 226354), CNRS, and the DFG. CR was funded by the People Programme (Marie Curie Action IOF to CR) of the European Union's Seventh Framework Programme (FP7/2007-2013) under the “DeepFall” project <http://www.deepfall-project.eu>; [https://twitter.com/DeepFall\\_Proj](https://twitter.com/DeepFall_Proj) (REA grant agreement N. PEOF-GA-2013-628146); AN-J was funded through DiWOOD; CB was funded by the DFG Cluster of Excellence “The Ocean in the Earth

**TABLE 1** | Characteristics of deployment sites and colonization experiments.

Region	Site	Environment	Coordinates	Depth (m)	Temperature (°C)	Deployment /Recovery (Cruise name - Date)	Duration of Deployment (Months)	Research project	References	
Atlantic	Barents Sea	Haakon Mosby Mud Volcano	Mud volcano	72°00N, 14°43E	1260	-1	ARKXXII/1b - June 2007 / ARKXXIV/2 - June 2009	24	DIWOOD	Pop Ristova et al., 2017; this study
	Bay of Biscay	Avilés Canyon	Canyon; Slope	44°07'N, 6°14'W	1200; 2000	4; 9	BioCant 2012-2013	7; 13	DosMares	Romano et al., 2014
	Mid-Atlantic Ridge	Menez-Gwen	Hydrothermal vent	37°17'N, 32°15'W	870	9	MenezKart/ POS402 - July 2010/BioBaz July 2013	36	DIWOOD	This study
		Rainbow	Hydrothermal vent	36°13'N, 33°54'W	2300	3.5	MoMARDream- Naut -July 2007/ MoMARDream 08 - Aug.-Sept. 2008	13	CHEMECO	Gaudron et al., 2010
	NW-Atlantic, Morocco	Mercator	Mud volcano	35°17'N, 06°38'W	350	13	JC10 May - 2007 and 64PE284 - March 2008/B09-May 2009	9; 24	CHEMECO/FTC	Cunha et al., 2013
Meknès		Mud volcano	34°59'N, 07°04'W	700	N.A.		15		Cunha et al., 2013	
Mediterranean	Western Mediterranean	Blanes Canyon	Canyon; Slope	41°34'N, 2°50'E	900; 1100; 1200; 1500; 1800	13	Prometeo 2008-2009 Dos Mares 2012-2013	3 & 9 (at 1200 m); 12 (at other depths)	PROMETEO, DosMares	Romano et al., 2013
		La Fonera Canyon	Canyon	41°52'N, 3°16'E	130; 1100	13	DosMares 2012-2013	10 (at 130 m); 7 & 13 (at 1100 m)	Dos Mares	Romano et al., 2014; this study
	Lacaze-Duthiers Canyon	Canyon	42°28'N, 3°28'E	500	13	2011	7	<i>Extreme Marine Env., Biodiversity and Global Change'</i>	Kalenitchenko et al., 2015; this study	
	Eastern Mediterranean, Nile Fan (NF)	Central Pockmarks	Seep	32°32' N, 30°21' E	1145	14	Bionil M70/2 - Oct./Nov. 2006 /Medeco-2 - Nov. 2007 and Homer MSM13/3 - Oct./Nov. 2009	12; 36	DIWOOD	Bienhold et al., 2013; this study

NA: not available.

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In the original article, there were mistakes in Table 1 as published. Column “Deployment/Recovery (Cruise name-Date)"/Row 1 should be “ARKXXII/1b - June 2007 / ARKXXIV/2 - June 2009” instead of “ARKXXII/1b - June 2009 / ARKXXIV/2 - June 2009”. Column “Deployment/Recovery (Cruise name-Date)"/Row 10 should be “Bionil M70/2 - Oct./Nov. 2006 /Medeco-2 - Nov. 2007 and Homer MSM13/3 - Oct./Nov.2009” instead of “Homer/MSM13/3 - Oct.-Nov. 2009”. Column “References"/Row 10 should be “Bienhold et al., 2013; this study” instead of “This study”. Column “Research Project"/Row 4 should be “CHEMECO” instead of “DiWOOD”. The corrected **Table 1** appears above.

In the original article, there was an error. % units should be ‰.

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A correction has been made to **Discussion, Diversity of Xylophagidae in European Deep Waters and Ecological Considerations, Paragraph 4:**

North East Atlantic mid- and deep-water fauna is adapted to a salinity range of 34.4–35.3 ‰ (Bouchet and Taviani, 1992; Emery, 2001). Atlantic xylophagids living exclusively below 500 m depth may therefore be typical stenohaline deep-sea organisms. Species living in shallower Atlantic waters must tolerate higher salinities of 35.2–36.7 ‰ (Emery, 2001) and species living in the deep Mediterranean must cope with >38.0 ‰ (Miller et al., 1970). Xylophagids covering broad salinity ranges in the Atlantic and occurring also in the Mediterranean such as *Xylonora atlantica* new comb., *Xylophaga dorsalis* and *Abditoconus brava* are therefore considered euryhaline marine species (Table 4).

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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