

CORRECTION

Correction: Biodiversity on the Rocks: Macrofauna Inhabiting Authigenic Carbonate at Costa Rica Methane Seeps

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[Fig 2](#), “Temperature and dissolved oxygen profile generated near Jaco Wall, Costa Rica from a CTD cast,” is incorrect and is a duplication of Fig 1, “Carbonates formations in different habitats on the Costa Rica Margin.” The authors have provided a corrected version here.



OPEN ACCESS

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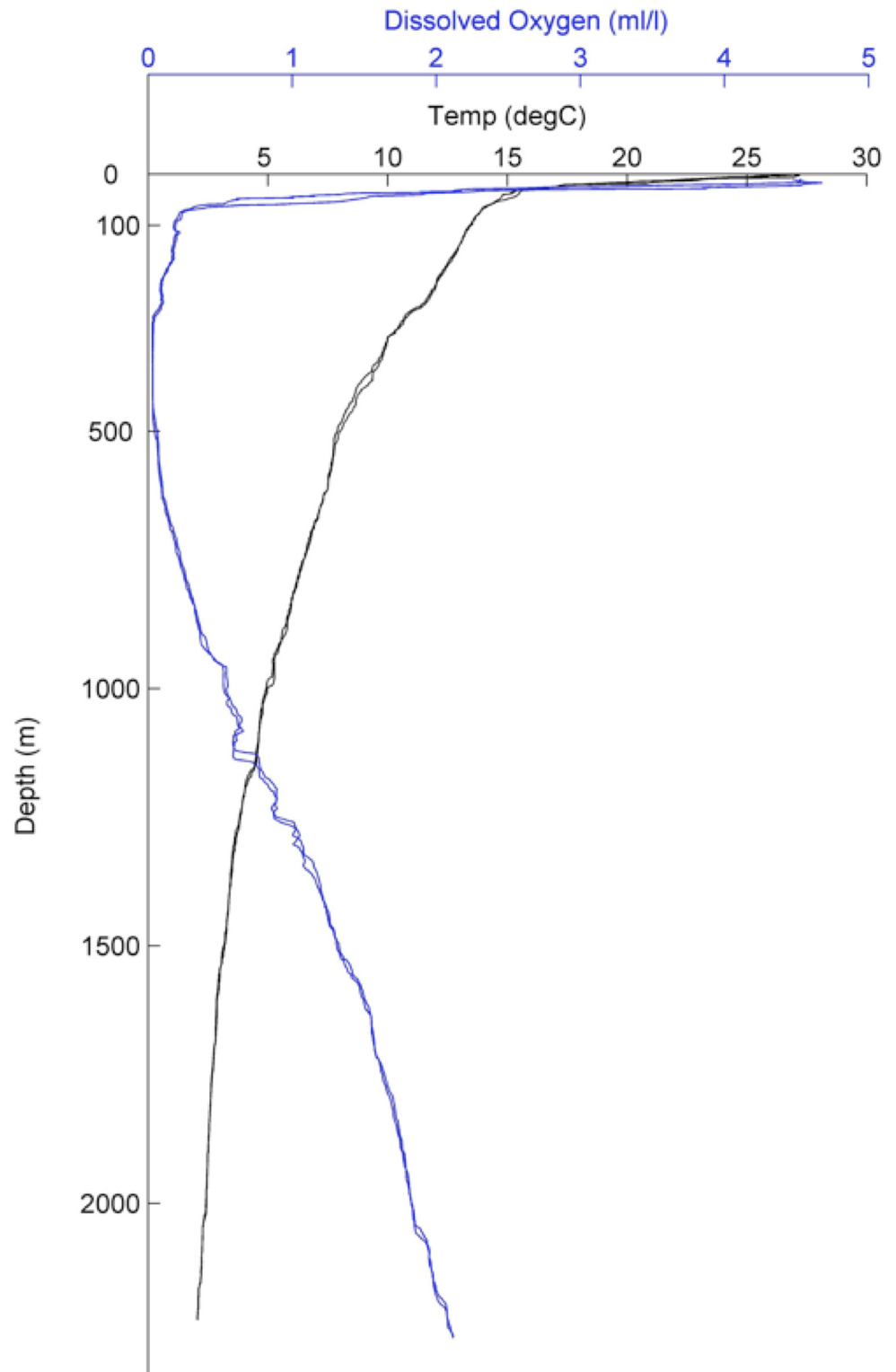


Fig 2. Temperature and dissolved oxygen profile generated near Jaco Wall, Costa Rica from a CTD cast.

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Fig 11 is incorrect. Panels A and B were inadvertently switched. Panel B should be Panel A, and Panel A should be Panel B. The authors have provided a corrected version here.

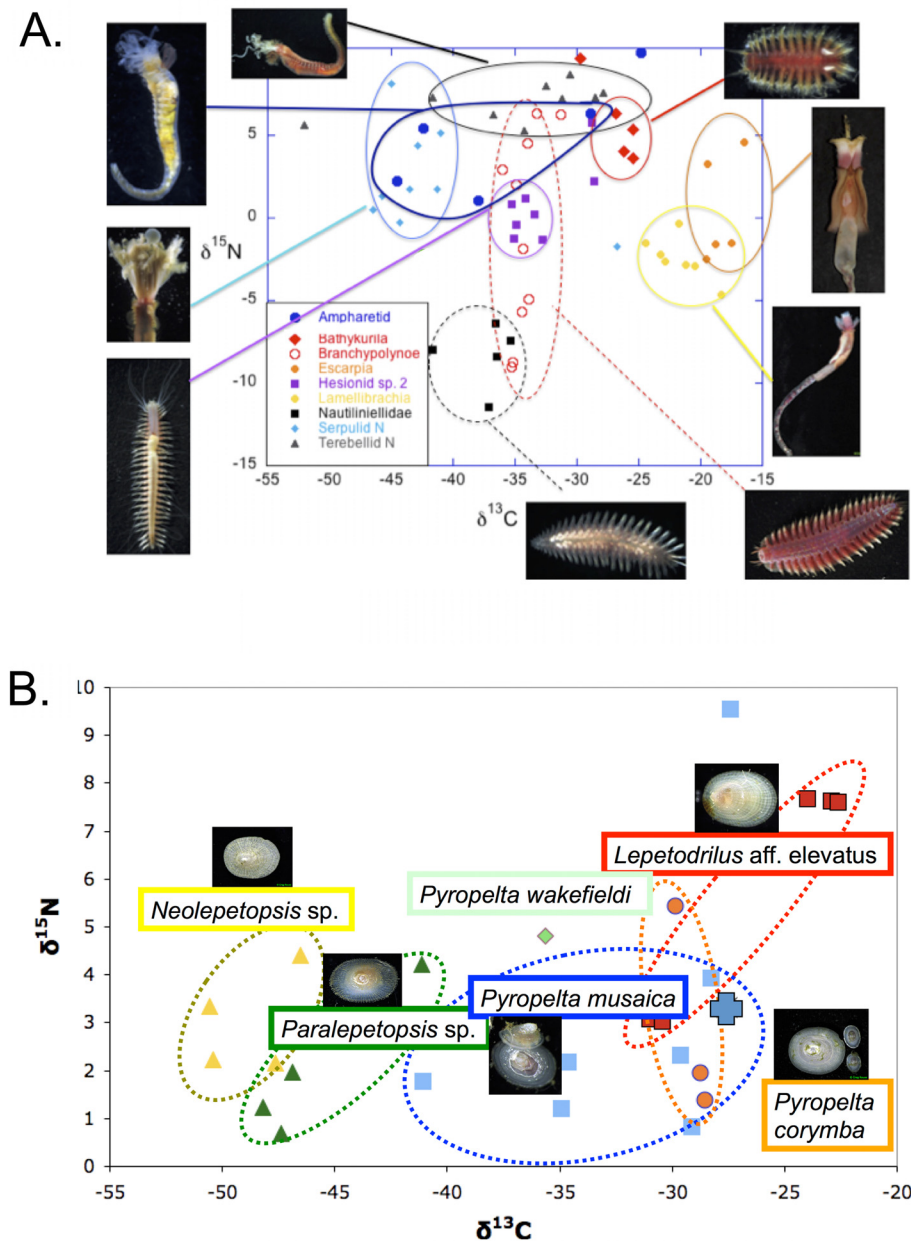


Fig 11. A. Dual isotope plot for polychaetes collected from carbonates on Mound 11 and 12 during AT 15–44. Costa Rica; B. Dual isotope plot for six limpet species collected on a single rock on Mound 12. In both figures each point represents a single individual.

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There are errors in Table 6. The mean range columns have errors in the column titles. The authors have provided a corrected version here.

Table 6. Community isotope metrics for carbonate faunas on the Costa Rica Margin.

Activity	Number	Mean Distance to Centroid		Mean Nearest Neighbor		Mean Range $\delta^{13}\text{C}$		Mean Range $\delta^{15}\text{N}$		SEA		SEAc		Total Hull Area		
		mean	SE	mean	SE	mean	SE	mean	SE	mean	SE	mean	SE	mean	SE	
Active	16	5.5	0.9	3.4	0.8	-30.5	1.8	4.6	1.2	61.1	15.8	71.1	19.2	148.7	51.9	
Inactive	5	6.0	1.5	3.0	0.4	-25.1	3.4	9.1	1.9	51.4	30.3	15.7	9.6	36.2	21.9	
Site																
Jaco Scarp	3	1.7	0.8	1.3	0.6	-19.0	0.5	11.3	1.4	9.4	6.4	11.9	7.9	10.7	7.6	
Mound 11	3	6.4	1.9	2.5	0.3	-29.3	4.8	5.6	1.9	70.9	31.8	77.3	33.9	132.2	52.7	
Mound 12	10	6.3	1.1	4.1	1.0	-34.0	1.7	2.8	1.4	69.4	19.0	72.8	24.8	179.4	81.1	
Mound Quepos	4	5.3	2.1	3.5	1.6	-25.1	3.2	8.6	2.6	62.7	52.2	55.3	46.6	98.7	84.3	
Quepos Landslide	1	9.9		3.1		-28.8		6.4								
Active Habitat																
Bacterial Mat	3	6.4	2.0	3.9	1.7	-32.6	2.1	6.2	1.7	55.8	39.3	63.7	40.3	96.8	71.4	
Mussel Bed	8	5.3	1.3	3.3	1.3	-32.9	2.5	3.6	1.9	59.1	20.7	71.1	29.1	139.8	67.7	
Tubeworms	3	7.3	3.0	4.4	1.9	-29.7	3.8	2.1	2.4	102.7	50.9	114.2	56.8	310.1	191.9	
Jaco Rocks	2	2.4	0.5	1.8	0.5	-19.3	0.7	10.2	1.5	14.0	7.6	17.7	9.2	16.1	9.3	

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There are errors in Table 7. A few of the coordinates in the Latitude/Longitude column are not formatted correctly. Please see a corrected version here.

Table 7. Macrofaunal densities on hard substrates in the deep sea and shallow waters.

Substrate	Location	Water Depth (m)	Latitude/ Longitude	Density/ unit area	Density ind./ 200cm ²	# individuals	# species	Surface area	Dominant taxa	Reference
Manganese nodules	equatorial and central North Pacific	4500–5800	5°N, 125°W 30°N, 157°W	1090 ind./m ²	21.8	120	32	0.11 m ²		Mullineaux (1987)
Whale skeleton	San Nicolas	960	33°20'N, 119°59'W	6169 ind./m ²	123.38	5120	190	0.83 m ²	Bivalvia	Baco and Smith (2003)
Whale skeleton	San Catalina Basin	1240	33°12'N, 118°29'W	16375 ind./m ²	327.5	20632	180	1.26 m ²	Bivalvia	Baco and Smith (2003)
Whale skeleton	San Clemente Basin	1910	32°26'N, 118°9'W	11005 ind./m ²	220.1	11555	102	1.05 m ²	Bivalvia	Baco and Smith (2003)
Vent Mussel Beds	Mid-Atlantic Ridge	1600	37°17'N, 32°16'W	811 ind./ L of mussel		20044	25	24.7 L of mussel	Crustacea	Van Dover and Trask (1999)
Deep-sea rocks	San Nicolas	960	33°15'N, 119°56'W	490 ind./ m ²	9.8	147	26	0.3 m ²		Baco and Smith (2003)
Seamount	Davidson	1246–3289	35°43'N 122°43'W	0.87 ind./ m ²	0.0174	59933	148		Cnidaria	Lundsten et al. (2009)
Seamount	Pioneer	811–1815	37°21'N, 123°26'W	2.19 ind./ m ²	0.0438	36430	110		Cnidaria	Lundsten et al. (2009)
Seamount	Rodriguez	619–2120	34°01'N, 121°04'W			38087	133		Echinodermata	Lundsten et al. (2009)
Sponge stalks	Station M	4100	34°45'N, 123°00'W	17572 ind./m ²	351.44	1933	104	0.11 m ²	Polychaeta	Beaulieu (2001)

(Continued)

Table 7. (Continued)

Substrate	Location	Water Depth (m)	Latitude/ Longitude	Density/ unit area	Density ind./ 200cm ²	# individuals	# species	Surface area	Dominant taxa	Reference
Wood	Haakon Mosby Mud volcano	1257	72°00'N, 14°43'E	14988 ind./dm ³	299.76	2398			Bivalvia	Gaudron <i>et al.</i> (2010)
Rocky Shore	Australia-Tropical (exposed/ sheltered)	intertidal	23°S 151°E	97.6/ 31.5 per 400 cm ²	49/16		12/14.8	400 cm ²	Cirripedia	73
Rocky Shore	New Zealand—Temperate (exposed/ sheltered)	Intertidal	45°S 170°E	265/64.8 per 400 cm ²	133/33		12/15.2	400 cm ²	Cirripedia	73
Mussel beds	Eagle Island Alaska	0	54°62'N, 159°99'W	970 ind./ L of mussel		78353	70	80.7 L of mussel	Polychaeta	Van Dover and Trask (1999)
Rocky shore	South-Central California (early/mid/late succession)	intertidal algal mats on boulders	34°25'N 119°41'W	78/316/ 294 per 0.01m ²	156/632/ 588		214	0.09 m ²	Crustacea/ Polychaeta	75

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Reference

1. Levin LA, Mendoza GF, Grube BM, Gonzalez JP, Jellison B, Rouse G, et al. (2015) Biodiversity on the Rocks: Macrofauna Inhabiting Authigenic Carbonate at Costa Rica Methane Seeps. PLoS ONE 10(7): e0131080. doi: [10.1371/journal.pone.0131080](https://doi.org/10.1371/journal.pone.0131080) PMID: [26158723](https://pubmed.ncbi.nlm.nih.gov/26158723/)