Food-web dynamics and isotopic niches in deep-sea communities residing in a submarine canyon and on the adjacent open slopes

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Fig. S1. Canyon and slope SEAc values (ellipses) and raw faunal isotope data.

Fig. S2. Non-parametric spline correlogram showing spatial autocorrelation for the residuals from the top carbon and nitrogen models.

Fig. S3. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of benthic feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S4. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of pelagic feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S5. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of suspension feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S6. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of suprabenthic feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S7. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of deposit feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S8. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of epibenthic feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S9. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of infaunal feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Fig. S10. OLS model predictions for $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values versus depth of unknown feeders with confidence envelopes. In = canyon fauna, Out = slope fauna.

Table S1. Stations where isotope samples were collected near Baltimore Canyon and the adjacent slope. OT = otter trawl, BC = box core, ROV = *Jason II* and *Kraken II*. ROV depth range and location are based on bottom time. * = poor quality or gear issue. For stations using the gear CTD, BC, and Lander, the start latitude and longitude represent when gear was near/on bottom.

Station	Date	Gear	Location	Start Latitude	Start Longitude	End Latitude	End Longitude	Depth Range (m)
NF-2011-005	6/07/11	CTD	Canyon	38.1777	-73.8599			195-459
NF-2011-B13	6/09/11	CTD	Canyon	38.1580	-73.8470			100-347
NF-2011-B15	6/09/11	CTD	Canyon	38.2063	-73.8463			200-629
NF-2012-010	8/18/12	CTD	Canyon	38.1028	-73.8002			0-396
NF-2012-012	8/18/12	Mooring	Canyon	38.0776	-73.7826			1082
NF-2012-019	8/19/12	BC	Canyon	38.2432	-73.8436			189
NF-2012-024	8/20/12	CTD	Canyon	38.1093	-73.8252			0-854
NF-2012-028	8/20/12	BC	Canyon	38.2428	-73.8435			191
NF-2012-029	8/20/12	BC	Canyon	38.2428	-73.8435			191
NF-2012-032	8/21/12	BC	Canyon	38.1662	-73.8501			563
NF-2012-036	8/21/12	CTD	Canyon	38.2255	-73.8453			0-250
NF-2012-045	8/22/12	BC	Canyon	38.1170	-73.8358			840
NF-2012-049	8/23/12	BC	Canyon	38.1175	-73.8345			844
NF-2012-062	8/24/12	BC	Canyon	38.0721	-73.7733			1180
NF-2012-063	8/24/12	BC	Canyon	38.0722	-73.7734			1180
NF-2012-064	8/24/12	BC	Slope	38.0625	-73.8656			168
NF-2012-069	8/25/12	BC	Slope	38.0626	-73.8656			169
NF-2012-076	8/25/12	BC	Slope	38.0435	-73.8034			510
NF-2012-078	8/25/12	BC	Slope	38.0434	-73.8050			510
NF-2012-082	8/26/12	BC	Slope	38.0138	-73.7535			990
NF-2012-085	8/26/12	BC	Slope	38.0139	-73.7534			991
NF-2012-087	8/26/12	BC	Slope	38.0139	-73.7534			991
NF-2012-089	8/26/12	BC	Slope	38.0112	-73.7543			1030
NF-2012-093	8/27/12	BC	Slope	37.9774	-73.6694			1186
NF-2012-095	8/27/12	BC	Slope	37.9774	-73.6694			1186
NF-2012-097	8/27/12	CTD	Slope	38.0984	-73.9343			0-107
NF-2012-100	8/27/12	CTD	Slope	38.0580	-73.8469			0-252
NF-2012-102	8/28/12	CTD	Slope	38.0275	-73.7861			0-680
NF-2012-105	8/28/12	CTD	Slope	37.9823	-73.6886			0-1066
NF-2012-106	8/28/12	BC	Canyon	38.2248	-73.8445			280

Station	Date	Gear	Location	Start Latitude	Start Longitude	End Latitude	End Longitude	Depth Range (m)
NF-2012-108	8/28/12	BC	Canyon	38.2030	-73.8494			360
NF-2012-110	8/29/12	BC	Canyon	38.1820	-73.8655			518
NF-2012-112	8/29/12	BC	Canyon	38.1481	-73.8458			652
NF-2012-117	8/29/12	BC	Canyon	38.1290	-73.8412			754
NF-2012-118	8/29/12	BC	Slope	38.0724	-73.8796			139
NF-2012-131	9/05/12	Lander	Canyon	38.0424	-73.7359			1318
NF-2012-132	9/06/12	Lander	Canyon	38.1504	-73.8492			613
NF-2012-133	9/06/12	OT	Slope	38.0751	-73.8827	38.0583	-73.9001	136-140
NF-2012-134	9/07/12	OT	Slope	38.0427	-73.8534	38.0248	-73.8670	278-282
NF-2012-135	9/07/12	OT	Slope	37.9886	-73.9031	37.9699	-73.9188	360-380
NF-2012-139	9/07/12	OT	Slope	38.1404	-73.7514	38.1564	-73.7434	214-300
NF-2012-140	9/08/12	OT	Slope	38.1308	-73.7584	38.1493	-73.7462	290-300
NF-2012-141	9/08/12	OT	Slope	38.1426	-73.7496	38.1275	-73.7617	300-300
NF-2012-142	9/08/12	OT	Slope	38.1162	-73.7548	38.1363	-73.7527	300-360
NF-2012-143	9/09/12	OT	Slope	38.0976	-73.7612	38.1091	-73.7445	405-420
NF-2012-144	9/09/12	OT	Slope	38.1131	-73.7465	38.0961	-73.7559	400-540
NF-2012-145	9/10/12	OT	Slope	38.1051	-73.7501	38.1234	-73.7484	418-570
NF-2012-146	9/10/12	OT	Slope	38.0986	-73.7593	38.1165	-73.7468	412-422
NF-2012-147	9/10/12	OT	Slope	38.1280	-73.7616	38.1129	-73.7802	250-300
NF-2012-148	9/11/12	CTD	Slope	38.0275	-73.7865			0-671
NF-2012-150*	9/12/12	OT	Slope	38.0331	-73.7677			0-700
NF-2012-151	9/12/12	OT	Canyon	38.1347	-73.8503	38.1228	-73.8432	700-800
NF-2013-008	8/23/13	CTD	Canyon	38.0361	-73.7341			0-966
NF-2013-009	8/24/13	CTD	Canyon	38.0735	-73.7855			0-966
NF-2013-010	8/24/13	CTD	Canyon	38.1487	-73.8465			0-634
NF-2013-011	8/24/13	CTD	Slope	38.0490	-73.8301			0-335
NF-2013-015	8/24/13	CTD	Slope	38.0490	-73.8188			0-440
NF-2013-017	8/24/13	CTD	Slope	38.0489	-73.8132			0-508
NF-2013-018	8/24/13	CTD	Canyon	38.0908	-73.8062			0-905
NF-2013-019	8/24/13	CTD	Canyon	38.1060	-73.8232			0-896
NF-2013-020	8/25/13	CTD	Canyon	38.1241	-73.8378			0-773
NF-2013-021	8/25/13	CTD	Canyon	38.1469	-73.8455			0-632
RB-2013-079	5/16/13	BC	Canyon	38.0614	-73.6063			1608

Station	Date	Gear	Location	Start Latitude	Start Longitude	End Latitude	End Longitude	Depth Range (m)
RB-2013-080	5/17/13	BC	Canyon	38.0614	-73.6063			1606
RB-2013-081	5/17/13	BC	Canyon	38.0613	-73.6054			1608
ROV-2012-NF-01	8/18/12	ROV	Canyon	38.1471	-73.8434	38.1491	-73.8380	450-634
ROV-2012-NF-02	8/19/12	ROV	Canyon	38.1484	-73.8389	38.1448	-73.8339	402-530
ROV-2012-NF-03	8/21/12	ROV	Canyon	38.1071	-73.8085	38.1267	-73.8031	303-827
ROV-2012-NF-04	8/22/12	ROV	Canyon	38.0856	-73.7844	38.1028	-73.7839	537-1001
ROV-2012-NF-05	8/23/12	ROV	Canyon	38.1379	-73.8359	38.1374	-73.8333	400-540
ROV-2012-NF-06	8/24/12	ROV	Canyon	38.1396	-73.8357	38.1470	-73.8328	234-530
ROV-2012-NF-09	8/28/12	ROV	Canyon	38.1522	-73.8416	38.1529	-73.8337	313-574
ROV-2012-NF-10	8/29/12	ROV	Canyon	38.1685	-73.8524	38.1613	-73.8588	425-574
ROV-2012-NF-11	8/30/12	ROV	Canyon	38.0931	-73.8066	38.0885	-73.8303	446-938
ROV-2012-NF-13	9/06/12	ROV	Canyon	38.1595	-73.8557	38.1566	-73.8651	404-478
ROV-2012-NF-16	9/09/12	ROV	Canyon	38.1771	-73.8611	38.1892	-73.8563	343-551
ROV-2012-NF-17	9/10/12	ROV	Canyon	38.1170	-73.8413	38.1186	-73.8478	569-830
ROV-2012-NF-18	9/11/12	ROV	Canyon	38.1170	-73.8456	38.1155	-73.8500	521-748
ROV-2012-NF-19	9/12/12	ROV	Canyon	38.1553	-73.8406	38.1508	-73.8353	302-608
ROV-2013-RB-690	5/17/13	ROV	Canyon	38.1705	-73.8377	38.1608	-73.8332	289-464

Table S2. Feeding group assignments by taxa and corresponding literature for fauna collected from Baltimore Canyon and adjacent slope. NA refers to taxa with an unknown feeding group assignment and/or no literature. Species marked with a ^ were lacking published feeding group assignments, so feeding group assignment was based on published data from a similar species (family or genus level).

Species ID	Feeding Group	References
SOURCES		
POM	Producer	NA
Sediment	Sediment	NA
ANNELIDA		
Annelida	Unknown	NA
Polychaeta	Unknown	NA
<i>Hyalinoecia</i> sp.	Deposit	1
Onuphidae	Deposit	1
Polynoidae	Infaunal	1,2
ARTHROPODA		
Amphipoda	Benthic/Pelagic	
<i>Unciola</i> sp.	Deposit	73,74,75,76,77
<i>Themisto</i> sp.^	Pelagic	13
<i>Aristeus antillensis</i>	Benthic	3
<i>Cancer plebejus</i>	Benthic	5
<i>Eumunida picta</i>	Benthic	6
<i>Eumunida</i> sp.	Benthic	6
<i>Paguristes lymani</i> ^	Benthic	7
<i>Chaceon quinquedens</i>	Suprabenthic	11,12
cf. <i>Chaceon</i> sp.	Suprabenthic	11,12
<i>Latreillia elegans</i> ^	Benthic	14
<i>Agononida longipes</i> ^	Benthic	3,16,17
<i>Munida iris</i> ^	Benthic	3
<i>Munida valida</i> ^	Benthic	3
<i>Homarus americanus</i>	Epibenthic	11,12
<i>Atlantopandalus propinquus</i>	Suprabenthic	18
<i>Dichelopandalus leptocerus</i> ^	Pelagic	19
<i>Dichelopandalus</i> sp.^	Pelagic	19
<i>Pandalus borealis</i> ^	Suprabenthic	18
<i>Parapenaeus politus</i> ^	Infaunal	20
<i>Parapenaeus</i> sp.^	Infaunal	20
<i>Rochinia crassa</i> ^	Suprabenthic	21
<i>Bathynectes maravigna</i>	Epibenthic	22
<i>Processa guyanae</i>	Pelagic	23
<i>Acetes americanus carolinae</i>	Pelagic	19
<i>Mesopenaeus tropicalis</i>	Benthic	78
Brachyura sp.	Unknown	NA
Shrimp spp.	Unknown	NA
<i>Bentheuphausia amblyops</i>	Pelagic	4
<i>Meganyctiphanes norvegica</i>	Pelagic	8
<i>Nyctiphanes couchii</i> ^	Pelagic	9,10
<i>Thysanoessa macrura</i> ^	Pelagic	8

Species ID	Feeding Group	References
CHORDATA - INVERT		
Salpida	Suspension	61
CHORDATA - FISH		
<i>Myxine glutinosa</i>	Benthic	41,62,71
<i>Scyliorhinus retifer</i>	Benthic	41,63
<i>Leucoraja garmani</i>	Benthic	63
<i>Nemichthys curvirostris</i> ^	Pelagic	63
<i>Nemichthys scolopaceus</i>	Pelagic	63
<i>Synaphobranchus affinis</i> ^	Pelagic	35,44,45
<i>Synaphobranchus kaupii</i>	Pelagic	34,35,36,44,45,64
<i>Argentina striata</i> ^	Pelagic	41
<i>Chlorophthalmus agassizi</i>	Benthic	41,63
<i>Parasudis truculenta</i>	Pelagic	67
<i>Arctozenus risso</i>	Pelagic	63
<i>Enchelyopus cimbrius</i>	Epibenthic	26,27,64
<i>Coelorinchus caelorhincus</i>	Benthic	29,30,31,32,33,64
<i>Malacocephalus occidentalis</i>	Suprabenthic	65
<i>Nezumia bairdii</i>	Suprabenthic	31,34,35,64
Macrouridae sp.	Benthic	64
<i>Merluccius albidus</i>	Suprabenthic	28,36,37
<i>Phycis chesteri</i>	Suprabenthic	24,36,37
<i>Urophycis chuss</i>	Suprabenthic	41
<i>Urophycis regia</i>	Suprabenthic	24,36,37,64
<i>Chaunax suttkusi</i> ^	Suprabenthic	67
<i>Lophius americanus</i>	Benthic	24,25,26,64
<i>Dibranchius atlanticus</i>	Infaunal	35,38
<i>Notacanthus chemnitzii</i>	Infaunal	67
<i>Hoplostethus mediterraneus</i>	Pelagic	63
<i>Diaphus</i> sp.	Pelagic	66
Myctophidae	Pelagic	66
<i>Lepophidium profundorum</i>	Benthic	41,63
Phosichthyidae sp.	Pelagic	66
<i>Polymetme thaeocoryla</i>	Pelagic	63
<i>Argyropelecus aculeatus</i>	Pelagic	63,66
<i>Maurolicus weitzmani</i>	Pelagic	41,63
<i>Polyipnus asteroides</i> ^	Pelagic	67
<i>Stomias boa ferox</i>	Pelagic	63
<i>Peristedion miniatum</i>	Benthic	41,63
<i>Peristedion truncatum</i> ^	Benthic	41,63
<i>Helicolenus dactylopterus</i>	Benthic	42,43,64
<i>Monolene sessilicauda</i> ^	Benthic	69,70
<i>Symphurus billykrietei</i> ^	Infaunal	68,72
<i>Symphurus nebulosus</i> ^	Infaunal	68,72
<i>Symphurus stigmatosus</i> ^	Infaunal	68,72
<i>Citharichthys arctifrons</i>	Infaunal	39,40
<i>Hippoglossina oblonga</i>	Benthic	41,63
<i>Glyptocephalus cynoglossus</i>	Benthic	24,28,29,32,40,41

Species ID	Feeding Group	References
<i>Lycenchelys verrillii</i>	Epibenthic	34,35,64
<i>Lycodes terraenovae</i> [^]	Epibenthic	36
CNIDARIA		
Actiniaria sp. [^]	Suspension	46,47
Actiniaria sp. 3 [^]	Suspension	46
Actinoscyphia sp.	Suspension	47
<i>Bolocera</i> sp.	Suspension	47
<i>Halcurias</i> sp.	Suspension	47
Hormathiidae sp.*	Suspension	51
Alcyonacea sp. 1 [^]	Suspension	48
Alcyonacea sp. 2 [^]	Suspension	48
<i>Anthothela grandiflora</i>	Suspension	50
<i>Paragorgia arborea</i>	Suspension	50
<i>Paramuricea placomus</i> [^]	Suspension	52
<i>Primnoa resedaeformis</i>	Suspension	50
Pennatulacea sp. [^]	Suspension	48
<i>Dasmosmilia lymani</i>	Suspension	50
<i>Desmophyllum dianthus</i>	Suspension	50
<i>Lophelia pertusa</i>	Suspension	49,50
<i>Zoantharia</i> sp.	Suspension	50
Hydrozoa	Suspension	49
ECHINODERMATA		
Asteroidea [^]	Benthic	53
<i>Sclerasterias contorta</i> [^]	Benthic	53
<i>Astropecten alligator</i> [^]	Infaunal	53
<i>Persephonaster echinulatus</i>	Benthic	53,54
Poraniidae	Deposit	53
<i>Cidaris</i> sp.	Deposit	53
<i>Echinus tyloides</i>	Deposit	53
Ophiuroidea sp.	Deposit/Suspension	53
<i>Amphiura otteri</i> [^]	Deposit/Suspension	2,53
MOLLUSCA		
<i>BathYTEUTHIS</i> sp. [^]	Benthic/Pelagic	55
<i>Brachioteuthis beani</i> [^]	Benthic/Pelagic	55
<i>Illex</i> cf. <i>illecebrosus</i>	Pelagic	55
cf. <i>Semirossia tenera</i> [^]	Benthic/Pelagic	55
<i>Rossia megaptera</i> [^]	Benthic	55
<i>Semirossia tenera</i> [^]	Benthic/Pelagic	55
Gastropoda	Unknown	NA
<i>Colus stimpsoni</i>	Deposit	56
PORIFERA		
Porifera sp.	Suspension	59
Cladorhizidae	Suspension	60

*1. Fauchald and Jumars 1979, 2. Fanelli et al. 2011, 3. Cartes 1998, 4. Mauchline and Fisher 1969, 5. Drummond-Davis et al. 1982, 6. Lovrich and Thiel 2011, 7. Schembri 1982, 8. Sameoto 1980, 9. Dalley and McClatchie 1989, 10. Ritz et al. 1990, 11. Farlow 1980, 12. Gerrior 1981, 13. Pakhomov and Perissinotto 1996, 14. Castro et al. 2003, 15. Bowman and Gruner 1973, 16. Hudson

et al. 2003, 17. Romero et al. 2004, 18. Hopkins et al. 1993, 19. Hopkins et al. 1994, 20. Kaporis 2004, 21. Carlier et al. 2009, 22. Cartes et al. 2002, 23. Cartes et al. 2010, 24. Maurer and Bowman 1975, 25. Armstrong, et al. 1996, 26. Johnson et al. 2008, 27. Keats and Steele 1990, 28. Langton and Bowman 1980, 29. Bowmen and Michaels 1984, 30. Blaber and Bulman 1987, 31. Rodriguez-Marin et al. 1994, 32. Román et al. 2004, 33. Madurell and Cartes 2006, 34. Houston and Haedrich 1986, 35. Crabtree et al. 1991, 36. Sedberry and Musick 1978, 37. Garrison and Link 2000, 38. Scott and Scott 1988, 39. Langton and Bowman 1981, 40. Link 2002, 41. Bowman et al. 2000, 42. Consoli et al. 2010, 43. Neves, et al. 2012, 44. Robins 1968, 45. Merret and Marshall 1980, 46. Chintiroglou and Koukouras 1992, 47. Ammons and Daly 2008, 48. Lewis 1982, 49. Duineveld et al. 2007, 50. Freiwald and Roberts 2005, 51. Mincks et al. 2008, 52. Coma et al. 2001, 53. Jangoux and Lawrence 1982, 54. Pequegnat et al. 1983, 55. Hoving et al. 2014, 56. Taylor and Taylor 1977, 57. Brooks et al. 1987, 58. MacAvoy, et al. 2002, 59. Gage and Tyler 1991, 60. Vacelet and Boury-Esnault 1995, 61. Madin 1974, 62. Auster 2005, 63. Collette and Klein-MacPhee 2002, 64. Horton 2015, 65. Macpherson and Roel 1987, 66. McClain-Counts 2010, 67. McEachran and Frechhelm 1998, 68. Munroe 1990, 69. Powell and Schwartz 1979, 70. Schintu et al. 1994, 71. Shelton 1978, 72. Stickney 1976, 73. Schaffner and Boesch 1982, 74. Biernbaum and Wenner 1993, 75. Dickinson et al. 1980, 76. Wilson et al. 2009, 77. Wildish and Dadswell 1985, 78. Soto et al. 2000

Table S3. Stable isotope values ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) for POM, surface sediments (0-2 cm), sediment trap samples, invertebrates and fishes collected from Baltimore Canyon and the adjacent slopes. Where FG is the assigned feeding group (IN = infaunal, EB = epibenthic, SB = suprabenthic, BE = benthic, BP = benthic/pelagic, PE = pelagic, DS = deposit/suspension, SS = suspension, and UK = unknown, PR = producer/detritus, SE = sediment). N is the number of specimens analyzed and average ‰ values ($\pm$ S.E.), C:N is the ratio of carbon to nitrogen and TL is the calculated trophic level ($\pm$ propagated error, see Methods). C:N data for POM were calculated from actual amount of material analyzed but was not available for all filters. The following N values represent number of samples used in C:N calculations for POM: n = 2 for BC POM in (bottom), n = 2 for BC POM in (surface), n = 3 for BC POM out (bottom), n = 3 for BC POM out (surface). For additional information regarding FG classification, refer to Table S2.

Taxa	CANYON							ADJACENT SLOPE								
	FG	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N	TL	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N	TL	
Sources																
POM (surface)	PR	5	-21.2	± 0.5	5.5	± 1.0	10.6	± 1.9		3	-22.7	± 0.8	3.2	± 0.7	8.2	± 0.5
POM (midwater)	PR	4	-22.5	± 0.4	5.7	± 1.0				3	-21.8	± 0.7	5.0	± 0.7		
POM (bottom)	PR	12	-23.2	± 0.3	7.4	± 0.5	8.5	± 0.3		5	-23.2	± 0.3	6.4	± 0.9	7.9	± 0.6
Sediment (0-2 cm)	SE	16	-21.7	± 0.2	5.7	± 0.3	6.2	± 0.5		10	-21.5	± 0.2	4.7	± 0.5	5.5	± 0.6
Sediment Trap* (603 m)	SE	2	-22.4	± 0.2	4.9	± 0.0	9.6	± 0.1								
Sediment Trap* (1082 m)	SE	2	-22.2	± 0.0	4.8	± 0.2	9.0	± 0.1								
Sediment Trap* (1318 m)	SE	10	-22.3	± 0.1	4.8	± 0.1	9.7	± 0.2								
Annelida																
Annelida	UK									1	-22.2		7.1		2.4	2.7
Polychaeta	UK									8	-15.9	± 0.1	10.2	± 0.6	4.2	± 2.5
Eunicida																
Onuphidae																
<i>Hyalinoecia</i> sp.	DE									10	-15.5	± 0.2	11.2	± 0.5	4.3	± 2.3
Onuphidae	DE									5	-18.3	± 0.9	6.3	± 0.8	3.6	± 2.6
Polynoidae	IN	2	-17.9	± 0.2	9.3	± 0.5	6.4	± 0.7	2.6	± 1.1	1	-16.6		10.7	7.6	3.7
Arthropoda																
Amphipoda																
Amphipoda	BP	26	-17.9	± 0.1	6.4	± 0.2	4.5	± 0.1	1.7	± 1.3						
Aoridae																
<i>Unciola</i> sp.	DE									1	-16.5		7.7		4.3	2.9
Hyperiidae																
<i>Themisto</i> sp.	PE	2	-18.4	± 0.1	8.3	± 0.1	5.1	± 0.4	2.3	± 0.2						
Decapoda																
Aristeidae																
<i>Aristeus antillensis</i>	BE									2	-16.9	± 0.4	10.4	± 0.5	3.8	± 0.9
Cancridae																
<i>Cancer plebejus</i>	BE									11	-16.7	± 0.4	10.4	± 0.7	3.6	± 3.1

Taxa	CANYON							ADJACENT SLOPE					
	FG	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$	C:N	TL	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$	C:N	TL
Chirostylidae													
<i>Eumunida picta</i>	BE	11	-17.9 ± 0.1		10.4 ± 0.2	4.1 ± 0.1	2.9 ± 1.1						
<i>Eumunida</i> sp.	BE	1	-17.8		10.9	4.0	3.0						
Diogenidae													
<i>Paguristes lymani</i>	BE	1	-15.6		10.7	4.4	3.0	10	-17.4 ± 0.2		5.3 ± 0.2	4.6 ± 0.1	2.2 ± 1.0
Geryonidae													
<i>Chaceon quinquedens</i>	SB	2	-19.1 ± 0.3		12.5 ± 0.3	4.1 ± 0.1	3.5 ± 0.6						
cf. <i>Chaceon</i> sp.	SB							19	-16.9 ± 0.1		10.1 ± 0.3	3.7 ± 0.1	3.6 ± 2.1
Latreilliidae													
<i>Latreillia elegans</i>	BE							5	-18.3 ± 0.1		6.4 ± 0.2	3.5 ± 0.1	2.5 ± 0.5
Munididae													
<i>Agononida longipes</i>	BE							5	-16.8 ± 0.2		7.9 ± 0.3	3.6 ± 0.1	2.9 ± 1.0
<i>Munida iris</i>	BE							10	-16.3 ± 0.1		9.3 ± 0.3	4.0 ± 0.1	3.3 ± 1.2
<i>Munida valida</i>	BE	5	-16.6 ± 0.3		9.7 ± 0.2	4.0 ± 0.1	2.7 ± 0.5	25	-16.2 ± 0.1		8.6 ± 0.2	3.6 ± 0.1	3.1 ± 1.2
Nephropidae													
<i>Homarus americanus</i>	EB							1	-15.2		12.0	3.8	4.1
Pandalidae													
<i>Atlantopandalus propinquus</i>	SB	27	-17.8 ± 0.1		9.3 ± 0.2	4.0 ± 0.1	2.6 ± 1.3	5	-16.7 ± 0.1		9.5 ± 0.4	3.8 ± 0.1	3.4 ± 1.3
<i>Dichelopandalus leptocerus</i>	PE							6	-16.7 ± 0.2		9.2 ± 0.5	3.6 ± 0.1	3.3 ± 1.6
<i>Dichelopandalus</i> sp.	PE							10	-16.7 ± 0.1		9.2 ± 0.1	3.9 ± 0.0	3.3 ± 0.4
<i>Pandalus borealis</i>	SB							5	-16.4 ± 0.1		8.7 ± 0.2	3.6 ± 0.0	3.1 ± 0.7
Penaeidae													
<i>Parapenaeus politus</i>	IN							5	-16.8 ± 0.2		8.4 ± 0.3	3.6 ± 0.1	3.1 ± 1.0
<i>Parapenaeus</i> sp.	IN							5	-17.0 ± 0.6		8.0 ± 0.2	3.8 ± 0.1	2.9 ± 0.7
Pisidae													
<i>Rochinia crassa</i>	SB							4	-17.4 ± 0.7		6.8 ± 1.0	4.9 ± 0.6	2.6 ± 2.9
Portunidae													
<i>Bathynectes maravigna</i>	EB							6	-17.0 ± 0.1		9.3 ± 0.4	3.0 ± 0.0	3.3 ± 1.2
Processidae													
<i>Processa guyanae</i>	PE							7	-16.7 ± 0.2		8.9 ± 0.2	3.8 ± 0.0	3.2 ± 0.9
Sergestidae													
<i>Acetes americanus carolinae</i>	PE							5	-18.8 ± 0.3		7.7 ± 0.2	3.7 ± 0.0	2.9 ± 0.7
Solenoceridae													
<i>Mesopenaeus tropicalis</i>	BE							1	-16.6		9.6	3.6	3.4
Brachyura sp.	UK							10	-18.8 ± 0.1		5.5 ± 0.5	3.2 ± 0.1	2.2 ± 2.1
Shrimp spp.	UK	20	-18.2 ± 0.1		7.3 ± 0.3	4.8 ± 0.2	2.0 ± 1.9	5	-16.7 ± 0.1		9.1 ± 0.1	3.9 ± 0.0	3.3 ± 0.3
Shrimp sp. B	UK							1	-17.7		10.1	3.6	3.6

Taxa	CANYON						ADJACENT SLOPE											
	FG	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N		TL		N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N		TL
Shrimp sp. C	UK										4	-16.1	± 0.4	10.3	± 0.3	3.9 ± 0.1		3.6 ± 0.8
Shrimp sp. I	UK										17	-18.1	± 0.2	8.6	± 0.3	4.0 ± 0.1		3.1 ± 1.7
Shrimp sp. K	UK										3	-16.6	± 0.2	8.6	± 0.2	3.7 ± 0.1		3.1 ± 0.5
Shrimp sp. L	UK										5	-17.9	± 0.2	8.5	± 0.3	3.6 ± 0.0		3.1 ± 1.0
Shrimp sp. S	UK										3	-17.1	± 0.3	10.0	± 0.2	3.7 ± 0.0		3.5 ± 0.4
Shrimp sp. T	UK										20	-16.9	± 0.1	10.8	± 0.2	3.8 ± 0.0		3.8 ± 1.0
Shrimp sp. U	UK										19	-16.4	± 0.1	9.6	± 0.2	3.6 ± 0.0		3.4 ± 1.1
Euphausiacea																		
Bentheuphausiidae																		
<i>Bentheuphausia amblyops</i>	PE	5	-17.6 ± 0.1		7.8 ± 0.2		4.1 ± 0.0		2.1 ± 0.5		5	-18.0	± 0.2	8.9	± 0.5	3.9 ± 0.1		3.2 ± 1.6
Euphausiidae																		
<i>cf. Meganyciphanes</i>	PE	11	-18.3 ± 0.1		6.9 ± 0.4		4.6 ± 0.1		1.9 ± 1.8									
<i>Nyctiphanes couchii</i>	PE	2	-18.4 ± 0.1		8.3 ± 1.3		4.0 ± 0.2		2.3 ± 2.6									
<i>Thysanoessa macrura</i>	PE	22	-18.5 ± 0.1		7.2 ± 0.3		4.4 ± 0.1		1.9 ± 1.8									
Chordata - Invert																		
Pyrosomida																		
Salpida																		
Salpida	UK										4	-18.6	± 0.1	4.1	± 0.4	4.9 ± 0.1		1.8 ± 1.2
Chordata - Fishes																		
Myxiniformes																		
Myxinidae																		
<i>Myxine glutinosa</i>	BE	1	-16.2		13.2		4.3		3.7		10	-17.2	± 0.1	11.2	± 0.2	4.5 ± 0.1		3.9 ± 1.0
Carcharhiniformes																		
Scyliorhinidae																		
<i>Scyliorhinus retifer</i>	BE										2	-17.4	± 0.0	10.2	± 0.2	3.4 ± 0.1		3.6 ± 0.5
Rajiformes																		
Rajidae																		
<i>Leucoraja garmani</i>	BE										1	-17.2		9.9		3.1		3.5
Anguilliformes																		
Nemichthyidae																		
<i>Nemichthys curvirostris</i>	PE										2	-17.8	± 0.1	11.5	± 0.2	5.4 ± 0.9		4.0 ± 0.4
<i>Nemichthys scolopaceus</i>	PE										2	-18.1	± 0.1	11.7	± 0.0	5.4 ± 0.4		4.0 ± 0.1
Synphobranchidae																		
<i>Synphobranchus affinis</i>	PE	4	-17.3 ± 0.1		11.9 ± 0.2		5.7 ± 0.5		3.3 ± 0.6									
<i>Synphobranchus kaupii</i>	PE	5	-17.5 ± 0.1		11.9 ± 0.2		4.6 ± 0.1		3.3 ± 0.6		3	-17.4	± 0.1	12.2	± 0.4	4.5 ± 0.2		4.2 ± 1.0
Argentiniformes																		
Argentinidae																		

Taxa	CANYON							ADJACENT SLOPE				
	FG	N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$	C:N	TL	N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$	C:N	TL	
<i>Argentina striata</i>	PE						1	-16.8	12.4	3.8	4.3	
Aulopiformes												
Chlorophthalmidae												
<i>Chlorophthalmus agassizi</i>	BE						9	-17.9 ± 0.1	10.5 ± 0.1	4.3 ± 0.2	3.7 ± 0.5	
<i>Parasudis truculenta</i>	PE						3	-18.2 ± 0.1	11.6 ± 0.1	3.8 ± 0.1	4.0 ± 0.4	
Paralepididae												
<i>Arctozenus risso</i>	PE	9	-17.7 ± 0.1	10.0 ± 0.2	4.2 ± 0.1	2.8 ± 0.8						
Gadiformes												
Lotidae												
<i>Enchelyopus cimbrius</i>	EB						2	-17.2 ± 0.1	12.6 ± 0.5	3.6 ± 0.3	4.3 ± 1.1	
Macrouridae												
<i>Coelorinchus caelorhincus</i>	BE						12	-16.6 ± 0.3	12.3 ± 0.3	4.0 ± 0.1	4.2 ± 1.6	
<i>Malacocephalus occidentalis</i>	SB						2	-17.7 ± 0.0	10.6 ± 0.5	3.9 ± 0.0	3.7 ± 1.0	
<i>Nezumia bairdii</i>	SB	5	-17.2 ± 0.0	12.0 ± 0.2	4.0 ± 0.0	3.4 ± 0.5	11	-17.3 ± 0.2	12.1 ± 0.2	3.9 ± 0.0	4.2 ± 0.9	
Macrouridae sp.	BE						5	-17.0 ± 0.1	11.8 ± 0.2	3.0 ± 0.0	4.1 ± 0.8	
Merluccidae												
<i>Merluccius albidus</i>	SB	1	-17.7	10.8	3.8	3.0	13	-17.9 ± 0.1	11.0 ± 0.2	3.8 ± 0.1	3.8 ± 1.1	
Phycidae												
<i>Phycis chesteri</i>	SB	4	-18.2 ± 0.2	12.2 ± 0.4	4.2 ± 0.0	3.4 ± 1.2	17	-17.9 ± 0.1	11.3 ± 0.2	3.7 ± 0.1	3.9 ± 0.9	
<i>Urophycis chuss</i>	SB						4	-18.1 ± 0.4	11.9 ± 0.2	3.9 ± 0.0	4.1 ± 0.5	
<i>Urophycis regia</i>	SB						18	-17.8 ± 0.1	11.6 ± 0.2	4.0 ± 0.0	4.0 ± 1.0	
Lophiiformes												
Chaunacidae												
<i>Chaunax suttkusi</i>	SB						1	-17.6	12.4	3.9	4.2	
Lophiidae												
<i>Lophius americanus</i>	BE	3	-17.5 ± 0.1	13.7 ± 0.3	3.9 ± 0.0	3.8 ± 0.7	13	-17.5 ± 0.1	13.3 ± 0.1	3.6 ± 0.0	4.5 ± 0.5	
Ogcocephalidae												
<i>Dibranchius atlanticus</i>	IN						4	-15.1 ± 0.5	13.9 ± 0.3	3.7 ± 0.2	4.7 ± 0.9	
Notacanthiformes												
Notacanthidae												
<i>Notacanthus chemnitzi</i>	IN	1	-17.7	13.5	4.2	3.8						
Beryciformes												
Trachichthyidae												
<i>Hoplostethus mediterraneus</i>	PE						2	-18.2 ± 0.6	10.8 ± 0.4	3.9 ± 0.2	3.8 ± 0.7	
Myctophiformes												
Myctophidae												

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	FG	N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$	C:N	TL		N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$	C:N	TL	
<i>Diaphus</i> sp.	PE							1	-17.9	8.6	4.2	3.1	
Myctophidae sp.	PE	6	-17.5 ± 0.3	10.8 ± 0.2	4.9 ± 0.2	3.0 ± 0.8		8	-18.2 ± 0.2	11.0 ± 0.4	4.7 ± 0.1	3.8 ± 1.6	
Ophidiiformes													
Ophidiidae													
<i>Lepophidium profundorum</i>	BE							5	-16.9 ± 0.2	11.0 ± 0.2	3.8 ± 0.0	3.8 ± 0.6	
Stomiiformes													
Phosichthyidae													
Phosichthyidae sp.	PE							4	-17.6 ± 0.1	11.6 ± 0.2	5.3 ± 0.3	4.0 ± 0.6	
<i>Polymetme thaeocoryla</i>	PE							4	-17.3 ± 0.2	10.8 ± 0.7	6.0 ± 0.6	3.8 ± 2.1	
Sternoptychidae													
<i>Argyropelecus aculeatus</i>	PE							1	-16.9	9.9	4.1	3.5	
<i>Maurolicus weitzmani</i>	PE							6	-17.5 ± 0.1	10.8 ± 0.3	4.9 ± 0.3	3.8 ± 1.2	
<i>Polyipnus asteroides</i>	PE							2	-18.6 ± 0.1	10.5 ± 0.4	4.3 ± 0.6	3.7 ± 0.7	
Stomiidae													
<i>Stomias boa ferox</i>	PE							2	-18.2 ± 0.1	10.5 ± 0.2	5.6 ± 0.3	3.7 ± 0.4	
Scorpaeniformes													
Peristediidae													
<i>Peristedion miniatum</i>	BE							2	-17.1 ± 0.2	11.9 ± 0.7	3.9 ± 0.0	4.1 ± 1.4	
<i>Peristedion truncatum</i>	BE							1	-16.7	12.1	4.1	4.2	
Scorpaenidae													
<i>Helicolenus dactylopterus</i>	BE							28	-17.6 ± 0.1	10.7 ± 0.2	4.1 ± 0.1	3.7 ± 1.6	
Pleuronectiformes													
Bothidae													
<i>Monolene sessilicauda</i>	BE							1	-16.6	12.5	4.1	4.3	
Cynoglossidae													
<i>Symphurus billykrietei</i>	IN							4	-16.8 ± 0.2	10.9 ± 0.3	4.0 ± 0.0	3.8 ± 0.7	
<i>Symphurus nebulosus</i>	IN							1	-17.0	12.3	4.0	4.2	
<i>Symphurus stigmus</i>	IN							1	-16.9	12.7	3.1	4.3	
Paralichthyidae													
<i>Citharichthys arctifrons</i>	IN	2	-16.6 ± 0.6	10.3 ± 0.4	3.7 ± 0.1	2.8 ± 0.8		30	-17.0 ± 0.1	10.2 ± 0.1	3.9 ± 0.0	3.6 ± 0.7	
<i>Hippoglossina oblonga</i>	BE							6	-17.5 ± 0.1	12.0 ± 0.2	3.9 ± 0.0	4.1 ± 0.6	
Pleuronectidae													
<i>Glyptocephalus cynoglossus</i>	BE	5	-16.2 ± 0.1	12.6 ± 0.2	4.1 ± 0.0	3.5 ± 0.8		10	-16.3 ± 0.1	12.3 ± 0.3	3.9 ± 0.0	4.2 ± 1.2	
Perciformes													
Zoarcidae													
<i>Lycenchelys verrillii</i>	EB	2	-17.2 ± 0.6	12.7 ± 0.0	3.9 ± 0.1	3.5 ± 0.0							

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<i>Lycodes terraenovae</i>	EB	11	-16.5	± 0.1	12.5	± 0.1	4.1	± 0.0	3.5	± 0.4									
Cnidaria																			
Actiniaria																			
Actiniaria sp.	SS	5	-18.7	± 0.4	9.0	± 0.3	4.6	± 0.2	2.5	± 0.8	11	-17.9	± 0.2	9.6	± 0.3	4.4	± 0.1	3.4	± 1.5
Actiniaria sp. 3	SS										1	-16.6		7.7		3.3		2.9	
Actinoscyphiidae																			
<i>Actinoscyphia</i> sp.	SS	1	-18.6		9.8		3.7		2.7										
Actiniidae																			
<i>Bolocera</i> sp.	SS										6	-18.1	± 0.1	8.5	± 0.2	4.5	± 0.2	3.1	± 0.6
Halicuriidae																			
<i>Halcurias</i> sp.	SS	6	-18.0	± 0.1	9.9	± 0.1	4.4	± 0.2	2.7	± 0.3									
Hormathiidae																			
Hormathiidae sp.	SS										1	-17.4		8.0		3.4		3.0	
Alcyonacea																			
Alcyonacea sp.1	SS	2	-20.4	± 0.6	2.7	± 0.9	3.4	± 0.4	0.6	± 1.8									
Alcyonacea sp.2	SS	1	-19.9		7.3		5.0		2.0										
Acanthogorgiidae																			
Anthothelidae																			
<i>Anthothela grandiflora</i>	SS	7	-20.6	± 0.4	5.1	± 0.6	4.4	± 0.3	1.3	± 2.1									
Paragorgiidae																			
<i>Paragorgia arborea</i>	SS	22	-21.1	± 0.2	5.9	± 0.4	4.6	± 0.2	1.5	± 2.9									
Plexauridae																			
<i>Paramuricea placomus</i>	SS	10	-19.9	± 0.2	5.6	± 0.6	3.9	± 0.2	1.5	± 2.7									
Primnoidae																			
<i>Primnoa resedaeformis</i>	SS	18	-20.9	± 0.1	6.4	± 0.4	4.7	± 0.1	1.7	± 2.3									
Pennatulacea																			
Pennatulacea sp.	SS	2	-19.7	± 0.5	6.1	± 0.7	3.5	± 0.6	1.6	± 1.4									
Scleractinia																			
Caryophylliidae																			
<i>Dasmomilia lymani</i>	SS										2	-18.6	± 0.4	5.7	± 0.2	2.7	± 0.5	2.3	± 0.4
<i>Desmophyllum dianthus</i>	SS	12	-22.0	± 0.3	5.5	± 0.5	3.9	± 0.2	1.4	± 2.5									
<i>Lophelia pertusa</i>	SS	8	-21.4	± 0.4	5.0	± 0.8	4.5	± 0.4	1.3	± 3.0									
Zoantharia																			
Zoantharia sp.	SS	6	-20.4	± 0.3	6.0	± 0.6	4.7	± 0.3	1.6	± 1.9									
Hydrozoa																			
Hydrozoa	SS	10	-18.7	± 0.7	7.4	± 0.7	3.7	± 0.2	2.0	± 2.9	5	-18.1	± 0.1	4.8	± 0.4	3.9	± 0.1	2.0	± 1.2
Echinodermata																			

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Asteroidea																		
Asteroidea	BE	1	-17.7				14.1		3.0		4.0							
Asteroidea																		
<i>Sclerasterias contorta</i>	BE											6	-15.3	± 0.1	6.5	± 0.3	3.4 ± 0.1	2.5 ± 1.0
Astropectinidae																		
<i>Astropecten alligator</i>	IN											15	-16.8	± 0.2	5.4	± 0.3	3.0 ± 0.2	2.2 ± 1.4
<i>Persephonaster echinulatus</i>	BE	2	-17.4 ± 0.2	5.4 ± 0.4	3.5 ± 0.4	1.4 ± 0.7												
Poraniidae	DE	1	-12.0		7.8		4.6		2.1									
Echinoidea																		
Cidaridae																		
<i>Cidaris</i> sp.	DE											5	-17.8	± 0.3	6.3	± 0.6	3.4 ± 0.3	2.4 ± 1.9
Echinidae																		
<i>Echinus tyloides</i>	DE	2	-18.1 ± 0.3	10.7 ± 0.2	5.2 ± 0.4	3.0 ± 0.5												
Ophiuroidea																		
Ophiuroidea sp.	DS											1	-15.7		8.2		4.1	3.0
Ophiurida																		
Amphiuridae																		
<i>Amphiura otteri</i>	DS	7	-18.7 ± 0.5	3.9 ± 0.6	2.9 ± 0.3	1.0 ± 2.1												
Mollusca																		
Decapodiformes																		
Bathyteuthidae																		
<i>Bathyteuthis</i> sp.	BP											1	-19.5		8.3		3.6	3.0
Oegopsida																		
Brathiotheuthidae																		
<i>Brathiotheuthis beanii</i>	BP	11	-17.7 ± 0.1	11.5 ± 0.3	4.8 ± 0.1	3.2 ± 1.2												
Ommastrephidae																		
<i>Illex</i> cf. <i>illecebrosus</i>	PE	1	-20.0		11.1		4.7		3.1									
Sepiida																		
Sepiolidae																		
cf. <i>Semirossia tenera</i>	BP											1	-17.5		8.7		4.0	3.2
<i>Rossia megaptera</i>	BE											1	-17.4		9.8		4.2	3.5
<i>Semirossia tenera</i>	BP											1	-17.4		9.6		4.1	3.4
Gastropoda																		
Gastropoda	UK											6	-16.4	± 0.4	8.8	± 0.6	4.6 ± 0.1	3.2 ± 2.1
Neogastropoda																		
Buccinidae																		
<i>Colus stimpsoni</i>	DE	4	-16.0 ± 0.6	5.3 ± 1.8	3.2 ± 0.2	1.4 ± 5.2												

Taxa	CANYON										ADJACENT SLOPE									
	FG	N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N		TL		N	$\delta^{13}\text{C}$		$\delta^{15}\text{N}$		C:N		TL		
Porifera																				
Porifera sp.	SS	3	-19.9	± 1.0	8.1	± 1.2	3.9	± 0.3	2.2	± 2.9										
Poecilosclerida																				
Cladorhizidae	SS	2	-18.0	± 1.2	4.7	± 3.0	4.3	± 0.3	1.2	± 6.1										

* Sediment trap data summarized from Mienis et al., Unpublished data.

Table S4. Isotopic niche area (‰²) estimates (SEAc and SEAb), including 95% credible intervals (C.I.) and area overlap (‰²) for different taxa groups found in Baltimore Canyon and slope environments. Bold values were significantly higher.

	N	SEAc	SEAc overlap	SEAb	95% C.I.		
Cnidaria							
Canyon	110.00	7.95	0.00	7.83	6.50	to	9.50
Slope	26.00	3.75		3.52	2.29	to	5.32
Echinodermata							
Canyon	6.00	31.25	2.88	22.07	7.76	to	58.55
Slope	26.00	3.73		3.49	2.33	to	5.24
Euphasiacea							
Canyon	40.00	2.10	0.33	2.02	1.47	to	2.76
Slope	5.00	1.67		1.14	0.38	to	3.29
Fish							
Canyon	59.00	2.38	1.74	2.29	1.78	to	3.00
Slope	254.00	2.38		2.37	2.09	to	2.68
Other Decapoda							
Canyon	20.00	2.98	0.42	2.75	1.74	to	4.35
Slope	101.00	5.35		5.32	4.30	to	6.47
Shrimp spp.							
Canyon	47.00	2.64	0.71	2.55	1.94	to	3.43
Slope	133.00	3.01		2.99	2.48	to	3.53

Table S5. SEAc, SEAb, theta (θ) and eccentricity (E) results from 40% of data, 10 taxa, and 5 taxa.

	N			SEAc			SEAb			θ			E		
	0.40	10 taxa	5 taxa	0.40	10 taxa	5 taxa	0.40	10 taxa	5 taxa	0.40	10 taxa	5 taxa	0.40	10 taxa	5 taxa
Benthic															
Canyon	12	30	16	7.61	5.78	5.46	7.50	5.73	5.46	84.34	83.82	87.78	0.91	0.92	0.98
Slope	70	65	41	7.36	6.40	1.56	7.39	6.44	1.59	89.73	78.38	-74.89	0.92	0.96	0.97
Deposit															
Canyon	5	8	8	19.50	34.82	34.82	29.31	35.63	35.33	-60.91	-58.27	-58.27	0.98	0.84	0.84
Slope	8	21	21	9.94	7.87	7.87	10.35	8.47	8.47	76.49	67.09	67.09	0.96	0.97	0.97
Epibenthic															
Canyon	5	13	13	0.24	0.38	0.38	0.23	0.38	0.37	-0.60	-12.47	-12.47	0.99	0.76	0.76
Slope	5	9	9	4.04	3.29	3.29	3.88	3.25	3.26	81.65	86.29	86.29	0.93	0.95	0.95
Infaunal															
Canyon	5	5	5	16.38	16.38	16.38	15.74	15.62	15.74	27.65	27.65	27.65	0.78	0.78	0.78
Slope	28	71	56	14.38	11.28	7.16	14.34	11.27	7.18	81.88	89.21	37.26	0.82	0.79	0.68
Suprabenthic															
Canyon	16	39	39	5.34	4.03	4.03	5.33	4.03	4.04	77.12	78.44	78.44	0.78	0.86	0.86
Slope	42	92	38	3.00	3.18	4.12	3.00	3.19	4.14	84.97	-87.26	81.59	0.94	0.90	0.94
Pelagic															
Canyon	27	67	32	4.65	4.70	5.72	4.64	4.70	5.69	83.02	82.56	88.29	0.95	0.94	0.95
Slope	31	37	27	4.82	6.35	4.33	4.87	6.42	4.33	-54.57	-53.20	-86.40	0.85	0.82	0.75
Suspension															
Canyon	46	81	42	10.21	9.19	8.53	10.20	9.19	8.65	73.85	72.71	65.43	0.70	0.86	0.90
Slope	12	30	18	8.44	7.10	5.35	8.44	7.12	5.33	84.45	86.46	83.14	0.90	0.92	0.92
Unknown															
Canyon	8	20	20	2.65	2.75	2.75	2.63	2.79	2.79	84.63	72.02	72.02	0.89	0.90	0.90
Slope	31	77	77	3.02	3.28	3.28	3.03	3.29	3.28	65.83	62.45	62.45	0.79	0.75	0.75

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