

Table T1. Isotopic composition and carbonate mineralogy of bryozoans, Holes 1129C, 1131A and 1132B. (See table notes. Continued on next six pages.)

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
182-1129C-									
1H-5, 40-42	6.40	<i>Adeonellopsis</i> spp.	2.67	1.59	100.0	0.0		0.97	0.99
2H-1, 40-42	7.70	<i>Adeonellopsis</i> spp.	3.13	1.89	91.4	8.6	11.8	1.43	1.29
2H-3, 40-42	10.70	<i>Adeonellopsis</i> spp.	2.93	1.81	100.0	0.0		1.23	1.21
2H-6, 08-12	14.88	<i>Adeonellopsis</i> spp.	2.93	1.74	85.5	14.5	10.9	1.23	1.14
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	2.45	1.82	62.3	37.7	9.7	0.75	1.22
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	2.89	1.89	92.8	7.2	10.4	1.19	1.29
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	3.01	1.80	100.0	0.0		1.31	1.20
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	3.21	1.92	100.0	0.0		1.51	1.32
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	3.05	2.15	100.0	0.0		1.35	1.55
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	3.09	2.22	100.0	0.0		1.39	1.62
2H-7, 02-6	16.32	<i>Adeonellopsis</i> spp.	3.15	1.82	100.0	0.0		1.45	1.22
3H-3, 40-42	20.20	<i>Adeonellopsis</i> spp.	3.21	1.69	100.0	0.0		1.51	1.09
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.08	1.66	100.0	0.0		1.38	1.66
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.07	1.44	100.0	0.0		1.37	0.84
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.07	1.69	100.0	0.0		1.37	1.09
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.18	1.42	100.0	0.0		1.48	0.82
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.06	1.68	100.0	0.0		1.36	1.68
3H-5, 40-42	23.20	<i>Adeonellopsis</i> spp.	3.14	1.60	100.0	0.0		1.44	1.00
4H-1, 40-42	26.70	<i>Adeonellopsis</i> spp.	2.76	1.78	100.0	0.0		1.06	1.18
5H-4, 112-116	41.42	<i>Adeonellopsis</i> spp.	2.68	2.46	77.7	22.3	7.6	0.98	1.86
5H-5, 40-42	42.20	<i>Adeonellopsis</i> spp.	2.94	2.45	90.5	9.5	10.3	1.24	1.85
5H-7, 32-36	45.12	<i>Adeonellopsis</i> spp.	3.27	2.45	100.0	0.0		1.57	1.85
6H-2, 83-87	47.63	<i>Adeonellopsis</i> spp.	2.51	2.47	80.8	19.2	9.1	0.81	1.87
6H-3, 40-42	48.70	<i>Adeonellopsis</i> spp.	3.26	2.42	100.0	0.0		1.56	1.82
6H-3, 40-42	48.72	<i>Adeonellopsis</i> spp.	2.55	2.31	79.6	20.4	10.1	0.85	1.71
6H-5, 40-42	51.70	<i>Adeonellopsis</i> spp.	2.76	2.20	84.3	15.7	11.3	1.06	1.60
6H-6, 02-6	52.82	<i>Adeonellopsis</i> spp.	3.22	2.40	100.0	0.0		1.52	1.80
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.20	2.15	69.2	30.8	9.2	0.50	1.55
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.35	2.22	74.2	25.8	8.4	0.65	1.62
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.20	2.22	66.7	33.3	9.6	0.50	1.62
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	1.74	2.02	63.1	36.9	9.8	0.04	1.42
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	1.84	2.04	63.2	36.8	8.8	0.14	1.44
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.46	2.10	79.1	20.9	10.2	0.76	1.50
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.55	2.19	82.2	17.8	9.8	0.85	1.59
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.83	2.24	95.1	4.9	11.4	1.13	1.64
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.88	2.15	100.0	0.0		1.18	1.55
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.14	2.19	68.1	31.9	10.3	0.44	1.59
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	2.88	2.37	100.0	0.0		1.18	1.77
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	3.01	2.17	100.0	0.0		1.31	1.57
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	3.09	2.21	100.0	0.0		1.39	1.61
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	3.10	2.29	100.0	0.0		1.40	1.69
7H-1, 133-137	56.13	<i>Adeonellopsis</i> spp.	3.14	2.17	100.0	0.0		1.44	1.57
7H-2, 114-118	57.44	<i>Adeonellopsis</i> spp.	2.77	1.92	100.0	0.0		1.07	1.32
7H-4, 124-128	60.54	<i>Adeonellopsis</i> spp.	2.79	1.93	100.0	0.0		1.09	1.33
7H-5, 40-42	61.20	<i>Adeonellopsis</i> spp.	3.04	2.04	100.0	0.0		1.34	1.44
7H-6, 41-43	62.41	<i>Adeonellopsis</i> spp.	3.06	2.37	100.0	0.0		1.36	1.77
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.11	2.13	100.0	0.0		1.41	1.53
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.10	2.24	100.0	0.0		1.40	1.64
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.36	2.36	100.0	0.0		1.66	1.76
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.11	2.16	100.0	0.0		1.41	1.56
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.00	2.13	100.0	0.0		1.30	1.53
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.03	2.41	100.0	0.0		1.33	1.81
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.01	2.19	100.0	0.0		1.31	1.59
8H-1, 40-42	64.70	<i>Adeonellopsis</i> spp.	3.08	2.38	100.0	0.0		1.38	1.78
8H-2, 45-49	66.25	<i>Adeonellopsis</i> spp.	2.82	2.29	100.0	0.0		1.12	1.69
9H-2, 06-10	75.36	<i>Adeonellopsis</i> spp.	2.28	2.03	100.0	0.0		0.58	1.43
9H-2, 06-10	75.36	<i>Adeonellopsis</i> spp.	3.16	2.15	100.0	0.0		1.46	1.55
9H-4, 122-126	79.52	<i>Adeonellopsis</i> spp.	0.39	1.80	41.0	59.0	9.1	-1.31	1.20
9H-4, 122-126	79.52	<i>Adeonellopsis</i> spp.	2.97	2.07	100.0	0.0		1.27	1.47
10H-1, 40-42	83.70	<i>Adeonellopsis</i> spp.	3.09	2.21	100.0	0.0		1.39	1.61
10H-2, 05-9	84.85	<i>Adeonellopsis</i> spp.	3.07	2.40	100.0	0.0		1.37	1.80
10H-3, 40-42	86.70	<i>Adeonellopsis</i> spp.	3.24	2.36	100.0	0.0		1.54	1.76
10H-4, 115-119	88.95	<i>Adeonellopsis</i> spp.	2.87	2.30	100.0	0.0		1.17	1.70
10H-6, 29-33	91.09	<i>Adeonellopsis</i> spp.	2.89	1.98	100.0	0.0		1.19	1.38
12H-2, 10-14	103.90	<i>Adeonellopsis</i> spp.	2.90	2.17	100.0	0.0		1.20	1.57
12H-6, 44-48	110.24	<i>Adeonellopsis</i> spp.	3.09	2.26	100.0	0.0		1.39	1.66

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
13H-2, 113–117	114.43	<i>Adeonellopsis</i> spp.	2.95	1.94	82.0	18.0	6.8	1.25	1.34
14H-6, 123–127	130.03	<i>Adeonellopsis</i> spp.	2.83	2.75	87.9	12.1	10.2	1.13	2.15
16H-1, 126–130	141.56	<i>Adeonellopsis</i> spp.	2.72	2.56	86.7	13.3	8.9	1.02	1.96
16H-6, 02–6	147.82	<i>Adeonellopsis</i> spp.	3.20	2.17	100.0	0.0		1.50	1.57
182-1129C-									
1H-1, 40–42	0.40	<i>Idmidronea</i> spp.	1.15	0.53	0.0	100.0	5.7	1.15	0.19
1H-3, 40–42	3.40	<i>Idmidronea</i> spp.	0.85	1.09	0.0	100.0	4.3	0.85	0.83
2H-1, 40–42	7.70	<i>Idmidronea</i> spp.	1.28	1.52	0.0	100.0	4.0	1.28	1.28
2H-3, 40–42	10.70	<i>Idmidronea</i> spp.	0.76	1.41	0.0	100.0	1.6	0.76	1.31
2H-5, 40–42	13.70	<i>Idmidronea</i> spp.	1.29	1.37	0.0	100.0	2.1	1.29	1.25
2H-6, 08–12	14.88	<i>Idmidronea</i> spp.	1.25	1.30	0.0	100.0	4.3	1.25	1.04
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.74	1.39	0.0	100.0	2.8	1.74	1.22
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	0.98	1.38	0.0	100.0	10.0	0.98	0.78
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.26	1.38	0.0	100.0	4.4	1.26	1.11
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.40	1.13	0.0	100.0	6.0	1.40	0.77
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.40	1.24	0.0	100.0	6.0	1.40	0.88
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.18	1.36	0.0	100.0	6.4	1.18	0.98
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.34	1.40	0.0	100.0	4.7	1.34	1.11
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.16	1.16	0.0	100.0	6.7	1.16	0.76
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.13	1.09	0.0	100.0	4.9	1.13	0.79
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.22	1.27	0.0	100.0	4.8	1.22	0.98
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.31	1.51	0.0	100.0	5.1	1.31	1.20
2H-7, 02–6	16.32	<i>Idmidronea</i> spp.	1.42	1.39	0.0	100.0	7.1	1.42	0.96
3H-3, 40–42	20.20	<i>Idmidronea</i> spp.	1.06	1.16	0.0	100.0	3.5	1.06	0.95
4H-1, 40–42	26.70	<i>Idmidronea</i> spp.	1.23	1.16	0.0	100.0	3.9	1.23	0.92
4H-5, 40–42	32.70	<i>Idmidronea</i> spp.	0.34	1.34	0.0	100.0	1.5	0.34	1.25
5H-1, 40–42	36.20	<i>Idmidronea</i> spp.	1.12	1.32	0.0	100.0	4.2	1.12	1.07
5H-3, 40–42	39.20	<i>Idmidronea</i> spp.	1.19	1.74	0.0	100.0	4.5	1.19	1.47
5H-4, 112–116	41.42	<i>Idmidronea</i> spp.	1.12	2.09	0.0	100.0	2.4	1.12	1.95
5H-5, 40–42	42.20	<i>Idmidronea</i> spp.	1.05	1.97	0.0	100.0	4.0	1.05	1.72
5H-7, 32–36	45.12	<i>Idmidronea</i> spp.	1.31	2.14	0.0	100.0	3.6	1.31	1.93
6H-1, 40–42	46.19	<i>Idmidronea</i> spp.	1.52	2.15	0.0	100.0	2.6	1.52	1.99
6H-2, 83–87	47.63	<i>Idmidronea</i> spp.	1.10	2.07	0.0	100.0	6.2	1.10	1.70
6H-6, 02–6	52.82	<i>Idmidronea</i> spp.	0.64	1.91	0.0	100.0	3.3	0.64	1.71
7H-2, 114–118	57.44	<i>Idmidronea</i> spp.	0.80	1.68	0.0	100.0	3.5	0.80	1.47
7H-3, 40–42	58.20	<i>Idmidronea</i> spp.	0.47	1.49	0.0	100.0	2.4	0.47	1.34
7H-4, 124–128	60.54	<i>Idmidronea</i> spp.	0.75	1.71	0.0	100.0	7.6	0.75	1.25
7H-5, 40–42	61.20	<i>Idmidronea</i> spp.	0.85	1.83	0.0	100.0	3.5	0.85	1.62
7H-6, 41–43	62.41	<i>Idmidronea</i> spp.	0.35	1.80	0.0	100.0	2.9	0.35	1.62
8H-1, 40–42	64.70	<i>Idmidronea</i> spp.	0.75	2.13	0.0	100.0	2.4	0.75	1.98
8H-4, 114–118	69.94	<i>Idmidronea</i> spp.	0.62	1.42	0.0	100.0	3.9	0.62	1.18
8H-5, 40–42	70.70	<i>Idmidronea</i> spp.	1.00	1.87	0.0	100.0	3.3	1.00	1.67
8H-6, 101–105	72.81	<i>Idmidronea</i> spp.	0.68	1.91	0.0	100.0	5.5	0.68	1.58
9H-1, 40–42	74.20	<i>Idmidronea</i> spp.	0.38	1.89	0.0	100.0	5.6	0.38	1.55
9H-2, 06–10	75.36	<i>Idmidronea</i> spp.	0.47	1.89	0.0	100.0	3.8	0.47	1.66
9H-3, 40–42	77.20	<i>Idmidronea</i> spp.	1.03	2.30	0.0	100.0	6.3	1.03	1.92
9H-4, 122–126	79.52	<i>Idmidronea</i> spp.	0.53	2.01	0.0	100.0	5.0	0.53	1.71
9H-5, 40–42	80.20	<i>Idmidronea</i> spp.	0.44	1.91	0.0	100.0	3.5	0.44	1.70
10H-1, 40–42	83.70	<i>Idmidronea</i> spp.	0.64	1.93	0.0	100.0	3.1	0.64	1.75
10H-2, 05–9	84.85	<i>Idmidronea</i> spp.	0.81	2.12	0.0	100.0	4.4	0.81	1.86
10H-3, 40–42	86.70	<i>Idmidronea</i> spp.	0.52	2.30	0.0	100.0	5.5	0.52	1.96
10H-4, 115–119	88.95	<i>Idmidronea</i> spp.	1.05	1.90	0.0	100.0	5.2	1.05	1.59
10H-5, 40–42	89.70	<i>Idmidronea</i> spp.	1.52	2.00	0.0	100.0	3.5	1.52	1.79
11H-2, 140–144	95.70	<i>Idmidronea</i> spp.	0.32	2.07	0.0	100.0	5.3	0.32	1.75
11H-5, 92–96	99.72	<i>Idmidronea</i> spp.	0.76	2.03	0.0	100.0	3.1	0.76	1.84
12H-2, 10–14	103.90	<i>Idmidronea</i> spp.	0.47	2.03	0.0	100.0	6.1	0.47	1.66
12H-6, 44–48	110.24	<i>Idmidronea</i> spp.	0.85	1.73	0.0	100.0	4.0	0.85	1.49
13H-2, 113–117	114.43	<i>Idmidronea</i> spp.	0.84	1.72	0.0	100.0	4.2	0.84	1.47
13H-5, 40–42	118.20	<i>Idmidronea</i> spp.	0.63	1.85	0.0	100.0	4.0	0.63	1.61
14H-3, 40–42	124.70	<i>Idmidronea</i> spp.	0.52	1.87	0.0	100.0	5.2	0.52	1.56
14H-6, 123–127	130.03	<i>Idmidronea</i> spp.	0.79	2.11	0.0	100.0	3.8	0.79	1.88
15H-4, 111–115	136.41	<i>Idmidronea</i> spp.	0.90	2.07	0.0	100.0	4.5	0.90	1.79
15H-5, 79–81	137.59	<i>Idmidronea</i> spp.	1.07	2.19	0.0	100.0	4.1	1.07	1.94
16H-1, 126–130	141.56	<i>Idmidronea</i> spp.	0.89	2.10	0.0	100.0	5.5	0.89	1.77
16H-4, 40–42	145.20	<i>Idmidronea</i> spp.	1.08	1.92	0.0	100.0	5.2	1.08	1.60
16H-6, 02–6	147.82	<i>Idmidronea</i> spp.	1.08	1.85	0.0	100.0	4.0	1.08	1.61

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
182-1129C-									
1H-1, 40-42	0.40	<i>Nevianipora</i> sp.	0.85	0.43	0.0	100.0	2.7	0.85	0.27
2H-1, 40-42	7.70	<i>Nevianipora</i> sp.	0.81	1.34	0.0	100.0	1.6	0.81	1.24
2H-3, 40-42	10.70	<i>Nevianipora</i> sp.	0.92	1.61	0.0	100.0	0.9	0.92	1.56
2H-5, 40-42	13.70	<i>Nevianipora</i> sp.	0.59	1.10	0.0	100.0	6.2	0.59	0.73
2H-6, 08-12	14.88	<i>Nevianipora</i> sp.	0.63	1.12	0.0	100.0	2.5	0.63	0.96
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.15	1.14	0.0	100.0	2.9	1.15	0.96
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.13	1.18	0.0	100.0	4.3	1.13	0.92
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.61	1.26	0.0	100.0	3.4	1.61	1.06
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.22	1.37	0.0	100.0	5.7	1.22	1.03
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.02	1.26	0.0	100.0	2.2	1.02	1.13
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	0.64	1.21	0.0	100.0	2.4	0.64	1.06
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	0.92	0.97	0.0	100.0	6.4	0.92	0.58
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.07	1.17	0.0	100.0	5.1	1.07	0.86
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	0.96	1.18	0.0	100.0	2.8	0.96	1.01
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.20	1.15	0.0	100.0	4.4	1.20	0.88
2H-7, 02-6	16.32	<i>Nevianipora</i> sp.	1.17	1.12	0.0	100.0	2.6	1.17	0.97
3H-3, 40-42	20.20	<i>Nevianipora</i> sp.	0.94	1.09	0.0	100.0	1.9	0.94	0.98
3H-5, 40-42	23.20	<i>Nevianipora</i> sp.	1.10	1.53	0.0	100.0	2.0	1.10	1.41
4H-1, 40-42	26.70	<i>Nevianipora</i> sp.	1.01	1.04	0.0	100.0	2.6	1.01	0.89
4H-5, 40-42	32.70	<i>Nevianipora</i> sp.	0.50	1.29	0.0	100.0	1.1	0.50	1.22
5H-1, 40-42	36.20	<i>Nevianipora</i> sp.	0.63	1.29	0.0	100.0	2.5	0.63	1.14
5H-3, 40-42	39.20	<i>Nevianipora</i> sp.	0.83	1.51	0.0	100.0	2.1	0.83	1.39
5H-4, 112-116	41.42	<i>Nevianipora</i> sp.	1.06	2.16	0.0	100.0	1.8	1.06	2.05
5H-5, 40-42	42.20	<i>Nevianipora</i> sp.	0.92	2.01	0.0	100.0	2.5	0.92	1.85
5H-7, 32-36	45.12	<i>Nevianipora</i> sp.	1.16	2.13	0.0	100.0	3.4	1.16	1.92
6H-1, 40-42	46.19	<i>Nevianipora</i> sp.	0.86	1.90	0.0	100.0	0.9	0.86	1.84
6H-2, 83-87	47.63	<i>Nevianipora</i> sp.	0.94	2.02	0.0	100.0	3.7	0.94	1.79
6H-3, 40-42	48.70	<i>Nevianipora</i> sp.	0.80	2.03	0.0	100.0	2.0	0.80	1.91
6H-3, 42-44	48.72	<i>Nevianipora</i> sp.	0.90	2.04	0.0	100.0	1.0	0.90	1.98
6H-5, 40-42	51.70	<i>Nevianipora</i> sp.	0.40	2.09	0.0	100.0	2.1	0.40	1.96
6H-6, 02-6	52.82	<i>Nevianipora</i> sp.	0.50	1.80	0.0	100.0	1.6	0.50	1.70
7H-1, 133-137	56.13	<i>Nevianipora</i> sp.	0.59	1.71	0.0	100.0	2.7	0.59	1.55
7H-2, 114-118	57.44	<i>Nevianipora</i> sp.	0.63	1.59	0.0	100.0	2.1	0.63	1.47
7H-3, 40-42	58.20	<i>Nevianipora</i> sp.	0.41	1.58	0.0	100.0	0.9	0.41	1.53
7H-4, 124-128	60.54	<i>Nevianipora</i> sp.	0.57	1.72	0.0	100.0	3.1	0.57	1.53
7H-5, 40-42	61.20	<i>Nevianipora</i> sp.	0.42	1.75	0.0	100.0	4.3	0.42	1.49
7H-6, 41-43	62.41	<i>Nevianipora</i> sp.	0.24	1.78	0.0	100.0	3.3	0.24	1.58
8H-1, 40-42	64.70	<i>Nevianipora</i> sp.	0.53	1.79	0.0	100.0	3.5	0.53	1.58
8H-2, 45-49	66.25	<i>Nevianipora</i> sp.	0.94	1.70	0.0	100.0	2.6	0.94	1.54
8H-3, 40-42	67.70	<i>Nevianipora</i> sp.	0.41	1.74	0.0	100.0	1.2	0.41	1.67
8H-4, 114-118	69.94	<i>Nevianipora</i> sp.	0.42	1.62	0.0	100.0	3.1	0.42	1.44
8H-5, 40-42	70.70	<i>Nevianipora</i> sp.	0.20	2.01	0.0	100.0	3.6	0.20	1.80
8H-6, 101-105	72.81	<i>Nevianipora</i> sp.	0.45	1.95	0.0	100.0	4.1	0.45	1.71
9H-1, 40-42	74.20	<i>Nevianipora</i> sp.	0.39	2.14	0.0	100.0	3.9	0.39	1.91
9H-2, 06-10	75.36	<i>Nevianipora</i> sp.	0.45	1.97	0.0	100.0	4.6	0.45	1.69
9H-3, 40-42	77.20	<i>Nevianipora</i> sp.	0.49	2.23	0.0	100.0	3.1	0.49	2.04
9H-4, 122-126	79.52	<i>Nevianipora</i> sp.	0.31	1.83	0.0	100.0	4.9	0.31	1.53
9H-5, 40-42	80.20	<i>Nevianipora</i> sp.	0.43	1.87	0.0	100.0	3.8	0.43	1.64
10H-1, 40-42	83.70	<i>Nevianipora</i> sp.	0.39	1.96	0.0	100.0	3.8	0.39	1.73
10H-2, 05-9	84.85	<i>Nevianipora</i> sp.	0.51	2.08	0.0	100.0	4.3	0.51	1.82
10H-3, 40-42	86.70	<i>Nevianipora</i> sp.	0.67	2.33	0.0	100.0	5.0	0.67	2.03
10H-4, 115-119	88.95	<i>Nevianipora</i> sp.	0.67	1.78	0.0	100.0	1.4	0.67	1.69
10H-5, 40-42	89.70	<i>Nevianipora</i> sp.	0.94	1.73	0.0	100.0	2.2	0.94	1.59
10H-6, 29-33	91.09	<i>Nevianipora</i> sp.	0.56	1.58	0.0	100.0	2.3	0.56	1.45
11H-2, 140-144	95.70	<i>Nevianipora</i> sp.	0.16	2.03	0.0	100.0	2.1	0.16	1.90
11H-5, 92-96	99.72	<i>Nevianipora</i> sp.	0.47	1.89	0.0	100.0	5.1	0.47	1.59
12H-2, 10-14	103.90	<i>Nevianipora</i> sp.	0.41	2.03	0.0	100.0	3.8	0.41	1.80
12H-6, 44-48	110.24	<i>Nevianipora</i> sp.	0.81	1.67	0.0	100.0	2.9	0.81	1.49
13H-2, 113-117	114.43	<i>Nevianipora</i> sp.	0.69	1.72	0.0	100.0	3.1	0.69	1.53
13H-5, 40-42	118.20	<i>Nevianipora</i> sp.	0.59	1.97	0.0	100.0	4.8	0.59	1.68
14H-3, 40-42	124.70	<i>Nevianipora</i> sp.	0.31	1.86	0.0	100.0	5.3	0.31	1.54
14H-6, 123-127	130.03	<i>Nevianipora</i> sp.	0.71	2.01	0.0	100.0	3.6	0.71	1.79
15H-2, 130-134	133.60	<i>Nevianipora</i> sp.	0.57	2.01	0.0	100.0	6.3	0.57	1.63
15H-4, 111-115	136.41	<i>Nevianipora</i> sp.	0.60	2.03	0.0	100.0	4.1	0.60	1.79
15H-5, 79-81	137.59	<i>Nevianipora</i> sp.	0.69	2.05	0.0	100.0	4.5	0.69	1.78
16H-1, 126-130	141.56	<i>Nevianipora</i> sp.	0.54	1.96	0.0	100.0	6.0	0.54	1.60
16H-4, 40-42	145.20	<i>Nevianipora</i> sp.	0.74	1.92	0.0	100.0	4.5	0.74	1.64
16H-6, 02-6	147.82	<i>Nevianipora</i> sp.	0.91	1.86	0.0	100.0	4.4	0.91	1.60

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
182-1131A-									
2H-1, 40–42	3.80	<i>Adeonellopsis</i> spp.	2.85	2.45	100.0	0.0		1.15	1.85
2H-1, 40–42	3.80	<i>Adeonellopsis</i> spp.	2.79	2.14	100.0	0.0		1.09	1.54
2H-3, 40–42	6.80	<i>Adeonellopsis</i> spp.	2.99	2.78	68.4	31.6	9.1	1.29	2.18
2H-5, 40–42	9.85	<i>Adeonellopsis</i> spp.	3.08	2.63	100.0	0.0		1.38	2.03
3H-1, 40–42	13.30	<i>Adeonellopsis</i> spp.	3.16	2.36	100.0	0.0		1.46	1.76
3H-3, 40–42	16.30	<i>Adeonellopsis</i> spp.	2.55	2.10	100.0	0.0		0.85	1.50
3H-5, 40–42	19.30	<i>Adeonellopsis</i> spp.	3.10	2.62	100.0	0.0		1.40	2.02
4H-1, 40–42	22.80	<i>Adeonellopsis</i> spp.	3.16	2.79	100.0	0.0		1.46	2.19
4H-3, 40–42	25.80	<i>Adeonellopsis</i> spp.	2.56	2.44	100.0	0.0		0.86	1.84
5H-5, 40–42	38.30	<i>Adeonellopsis</i> spp.	3.20	2.44	100.0	0.0		1.50	1.84
182-1131A-									
2H-3, 40–42	6.80	<i>Idmidronea</i> spp.	1.73	2.37	0.0	100.0	3.9	1.73	2.14
3H-1, 40–42	13.30	<i>Idmidronea</i> spp.	1.65	2.08	0.0	100.0	3.3	1.65	1.89
3H-3, 40–42	16.30	<i>Idmidronea</i> spp.	0.81	1.73	0.0	100.0	5.0	0.81	1.43
4H-1, 40–42	22.80	<i>Idmidronea</i> spp.	1.28	2.30	0.0	100.0	4.3	1.28	2.04
5H-3, 40–42	35.30	<i>Idmidronea</i> spp.	0.39	2.09	0.0	100.0	NA	0.39	(2.09)
182-1131A-									
2H-3, 40–42	6.80	<i>Nevianiopora</i> sp.	1.20	2.13	0.0	100.0	2.1	1.20	2.00
3H-1, 40–42	13.30	<i>Nevianiopora</i> sp.	1.14	1.66	0.0	100.0	3.3	1.14	1.47
3H-3, 40–42	16.30	<i>Nevianiopora</i> sp.	0.58	1.65	0.0	100.0	2.5	0.58	1.50
3H-5, 40–42	19.30	<i>Nevianiopora</i> sp.	1.10	1.93	0.0	100.0	2.5	1.10	1.79
4H-1, 40–42	22.80	<i>Nevianiopora</i> sp.	0.94	2.31	0.0	100.0	2.1	0.94	2.19
5H-3, 40–42	35.30	<i>Nevianiopora</i> sp.	0.54	1.94	0.0	100.0	NA	0.54	(1.94)
5H-5, 40–42	38.30	<i>Nevianiopora</i> sp.	0.95	2.24	0.0	100.0	2.3	0.95	2.10
182-1132B-									
1H-2, 123–127	2.73	<i>Adeonellopsis</i> spp.	3.45	2.26	100.0	0.0		1.75	1.66
1H-3, 07–11	3.07	<i>Adeonellopsis</i> spp.	2.75	2.54	58.8	41.2	11.6	1.05	1.94
1H-3, 40–42	3.40	<i>Adeonellopsis</i> spp.	2.48	1.90	77.1	22.9	11.1	0.78	1.30
1H-4, 54–58	5.04	<i>Adeonellopsis</i> spp.	2.32	2.18	73.0	27.0	9.1	0.62	1.58
1H-5, 40–42	6.40	<i>Adeonellopsis</i> spp.	3.19	2.62	100.0	0.0		1.49	2.02
1H-5, 50–54	6.50	<i>Adeonellopsis</i> spp.	3.08	2.32	100.0	0.0		1.38	1.72
2H-1, 146–150	8.26	<i>Adeonellopsis</i> spp.	3.19	2.15	100.0	0.0		1.49	1.55
2H-2, 76–80	9.06	<i>Adeonellopsis</i> spp.	3.12	2.50	100.0	0.0		1.42	1.90
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.13	2.30	95.5	4.5	10.3	1.43	1.70
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.28	2.32	95.9	4.1	12.1	1.58	1.72
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.12	2.31	100.0	0.0		1.42	1.71
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.10	2.24	100.0	0.0		1.40	1.64
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.08	2.14	100.0	0.0		1.38	1.54
2H-3, 04–8	9.84	<i>Adeonellopsis</i> spp.	3.04	2.38	100.0	0.0		1.34	1.78
2H-3, 40–42	10.20	<i>Adeonellopsis</i> spp.	2.57	2.04	100.0	0.0		0.87	1.44
2H-4, 72–76	12.02	<i>Adeonellopsis</i> spp.	2.97	2.29	100.0	0.0		1.27	1.69
2H-5, 40–42	13.20	<i>Adeonellopsis</i> spp.	2.39	1.85	83.8	16.2	9.9	0.69	1.25
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	2.02	1.88	64.1	35.9	7.8	0.32	1.28
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	3.02	2.12	100.0	0.0		1.32	1.52
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	3.05	2.38	100.0	0.0		1.35	1.78
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	2.74	2.18	80.7	19.3	10.9	1.04	1.58
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	2.74	2.20	100.0	0.0		1.04	1.60
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	2.91	2.03	100.0	0.0		1.21	1.43
2H-5, 81–85	13.61	<i>Adeonellopsis</i> spp.	3.10	2.31	100.0	0.0		1.40	1.71
2H-6, 96–100	15.26	<i>Adeonellopsis</i> spp.	2.59	2.11	88.3	11.7	11.7	0.89	1.51
2H-CC, 05–7	16.12	<i>Adeonellopsis</i> spp.	3.18	2.10	100.0	0.0		1.48	1.50
3H-2, 146–150	19.26	<i>Adeonellopsis</i> spp.	2.92	2.02	87.3	12.7	10.7	1.22	1.42
3H-3, 40–42	19.70	<i>Adeonellopsis</i> spp.	2.76	2.07	89.6	10.4	10.4	1.06	1.47
3H-3, 130–134	20.60	<i>Adeonellopsis</i> spp.	3.15	2.14	89.2	10.8	8.6	1.45	1.54
3H-4, 72–76	21.52	<i>Adeonellopsis</i> spp.	2.21	2.01	72.9	27.1	10.6	0.51	1.41
3H-5, 40–42	22.70	<i>Adeonellopsis</i> spp.	2.82	2.10	100.0	0.0		1.12	1.50
3H-5, 123–125	23.53	<i>Adeonellopsis</i> spp.	2.20	1.89	78.1	21.9	7.9	0.50	1.29
3H-5, 123–125	23.53	<i>Adeonellopsis</i> spp.	2.86	1.86	93.8	6.2	7.5	1.16	1.26
4H-1, 146–150	27.26	<i>Adeonellopsis</i> spp.	2.28	2.09	71.9	28.1	9.8	0.58	1.49
4H-3, 40–42	29.20	<i>Adeonellopsis</i> spp.	3.08	2.57	100.0	0.0		1.38	1.97
4H-4, 01–3	30.31	<i>Adeonellopsis</i> spp.	3.26	2.32	100.0	0.0		1.56	1.72
4H-4, 89–93	31.19	<i>Adeonellopsis</i> spp.	2.71	1.98	100.0	0.0		1.01	1.38
4H-5, 40–42	32.20	<i>Adeonellopsis</i> spp.	2.70	2.20	78.1	21.9	9.2	1.00	1.60
4H-5, 142–144	33.22	<i>Adeonellopsis</i> spp.	2.97	2.20	100.0	0.0		1.27	1.60
4H-6, 46–50	33.76	<i>Adeonellopsis</i> spp.	2.87	1.87	100.0	0.0		1.17	1.27
4H-7, 50–54	34.80	<i>Adeonellopsis</i> spp.	2.24	1.90	91.6	8.4	9.3	0.54	1.30

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
5H-2, 146–150	38.26	<i>Adeonellopsis</i> spp.	3.09	1.83	92.9	7.1	9.2	1.39	1.23
5H-3, 40–42	38.70	<i>Adeonellopsis</i> spp.	2.69	1.63	88.5	11.5	7.5	0.99	1.03
5H-5, 40–42	41.70	<i>Adeonellopsis</i> spp.	2.66	2.54	83.0	17.0	10.5	0.96	1.94
5H-5, 66–70	41.96	<i>Adeonellopsis</i> spp.	2.36	2.35	79.6	20.4	8.5	0.66	1.75
5H-6, 75–79	43.55	<i>Adeonellopsis</i> spp.	2.54	2.46	75.5	24.5	9.5	0.84	1.86
6H-1, 41–43	45.21	<i>Adeonellopsis</i> spp.	2.45	2.42	91.6	8.4	9.9	0.75	1.82
6H-2, 87–91	47.17	<i>Adeonellopsis</i> spp.	2.50	2.54	59.6	40.4	6.9	0.80	1.94
6H-3, 40–42	48.20	<i>Adeonellopsis</i> spp.	2.28	2.39	68.0	32.0	6.9	0.58	1.79
6H-4, 130–134	50.60	<i>Adeonellopsis</i> spp.	2.79	2.39	89.6	10.4	10.7	1.09	1.79
7H-2, 67–71	56.47	<i>Adeonellopsis</i> spp.	2.48	2.04	93.6	6.4	8.1	0.78	1.44
7H-3, 40–42	57.70	<i>Adeonellopsis</i> spp.	2.77	2.15	100.0	0.0		1.07	1.55
7H-5, 40–42	60.70	<i>Adeonellopsis</i> spp.	2.94	2.17	100.0	0.0		1.24	1.57
8H-3, 40–42	67.20	<i>Adeonellopsis</i> spp.	3.01	2.02	100.0	0.0		1.31	1.42
8H-5, 40–42	70.20	<i>Adeonellopsis</i> spp.	2.98	2.15	100.0	0.0		1.28	1.55
8H-6, 68–72	71.98	<i>Adeonellopsis</i> spp.	2.83	2.07	88.0	12.0	10.0	1.13	1.47
9H-3, 40–42	76.70	<i>Adeonellopsis</i> spp.	3.15	2.53	100.0	0.0		1.45	1.93
9H-3, 105–109	77.35	<i>Adeonellopsis</i> spp.	3.33	2.60	100.0	0.0		1.63	2.00
9H-5, 40–42	79.70	<i>Adeonellopsis</i> spp.	2.28	2.09	77.6	22.4	6.7	0.58	1.49
10H-2, 139–143	85.69	<i>Adeonellopsis</i> spp.	3.24	2.37	100.0	0.0		1.54	1.77
10H-3, 40–42	86.20	<i>Adeonellopsis</i> spp.	2.48	2.16	69.5	30.5	8.2	0.78	1.56
10H-5, 40–42	89.20	<i>Adeonellopsis</i> spp.	3.11	2.36	100.0	0.0		1.41	1.76
11H-3, 40–42	95.70	<i>Adeonellopsis</i> spp.	2.47	1.67	75.9	24.1	9.9	0.77	1.07
13H-4, 130–134	117.10	<i>Adeonellopsis</i> spp.	3.26	2.18	100.0	0.0		1.56	1.58
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1H-2, 123–127	2.73	<i>Idmidronea</i> spp.	1.63	1.95	0.0	100.0	5.1	1.63	1.64
1H-3, 07–11	3.07	<i>Idmidronea</i> spp.	1.27	1.97	0.0	100.0	3.5	1.27	1.76
1H-3, 40–42	3.40	<i>Idmidronea</i> spp.	1.75	1.90	0.0	100.0	4.6	1.75	1.62
1H-4, 54–58	5.04	<i>Idmidronea</i> spp.	1.41	1.80	0.0	100.0	4.6	1.41	1.52
2H-1, 146–150	8.26	<i>Idmidronea</i> spp.	1.62	1.84	0.0	100.0	5.5	1.62	1.51
2H-2, 76–80	9.06	<i>Idmidronea</i> spp.	1.49	1.58	0.0	100.0	4.3	1.49	1.32
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.60	1.86	0.0	100.0	10.1	1.60	1.26
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.76	1.69	0.0	100.0	9.6	1.76	1.12
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.86	1.87	0.0	100.0	8.0	1.86	1.38
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.24	1.72	0.0	100.0	5.2	1.24	1.41
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.39	1.92	0.0	100.0	5.7	1.39	1.58
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.80	1.96	0.0	100.0	5.3	1.80	1.64
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.53	1.89	0.0	100.0	8.2	1.53	1.40
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.42	1.79	0.0	100.0	8.6	1.42	1.27
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.77	2.29	0.0	100.0	4.5	1.77	2.02
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.69	1.86	0.0	100.0	4.8	1.69	1.58
2H-3, 04–8	9.84	<i>Idmidronea</i> spp.	1.76	1.47	0.0	100.0	5.5	1.76	1.14
2H-3, 40–42	10.20	<i>Idmidronea</i> spp.	1.71	1.77	0.0	100.0	3.8	1.71	1.54
2H-4, 72–76	12.02	<i>Idmidronea</i> spp.	1.37	1.64	0.0	100.0	5.6	1.37	1.31
2H-5, 40–42	13.20	<i>Idmidronea</i> spp.	1.31	1.55	0.0	100.0	5.2	1.31	1.23
2H-5, 81–85	13.61	<i>Idmidronea</i> spp.	1.23	1.67	0.0	100.0	5.2	1.23	1.36
2H-6, 96–100	15.26	<i>Idmidronea</i> spp.	1.42	1.78	0.0	100.0	3.8	1.42	1.55
2H-CC, 05–7	16.12	<i>Idmidronea</i> spp.	1.41	1.59	0.0	100.0	3.4	1.41	1.38
3H-3, 40–42	19.70	<i>Idmidronea</i> spp.	1.21	1.30	0.0	100.0	5.9	1.21	0.95
3H-3, 130–134	20.60	<i>Idmidronea</i> spp.	1.38	1.66	0.0	100.0	3.6	1.38	1.45
3H-4, 702–76	21.52	<i>Idmidronea</i> spp.	1.33	1.79	0.0	100.0	3.8	1.33	1.56
3H-5, 40–42	22.70	<i>Idmidronea</i> spp.	1.29	1.42	0.0	100.0	5.0	1.29	1.12
3H-5, 123–125	23.53	<i>Idmidronea</i> spp.	1.31	1.48	0.0	100.0	4.4	1.31	1.21
4H-1, 146–150	27.26	<i>Idmidronea</i> spp.	1.56	1.81	0.0	100.0	6.7	1.56	1.41
4H-4, 01–3	30.31	<i>Idmidronea</i> spp.	1.41	1.91	0.0	100.0	7.7	1.41	1.45
4H-5, 40–42	32.20	<i>Idmidronea</i> spp.	1.87	1.68	0.0	100.0	4.2	1.87	1.43
5H-2, 146–150	38.26	<i>Idmidronea</i> spp.	1.24	1.39	0.0	100.0	4.9	1.24	1.09
5H-3, 40–42	38.70	<i>Idmidronea</i> spp.	1.25	1.41	0.0	100.0	4.3	1.25	1.15
5H-5, 40–42	41.70	<i>Idmidronea</i> spp.	1.43	1.87	0.0	100.0	4.0	1.43	1.63
5H-5, 66–70	41.96	<i>Idmidronea</i> spp.	1.08	1.97	0.0	100.0	3.3	1.08	1.77
6H-1, 41–43	45.21	<i>Idmidronea</i> spp.	1.69	2.08	0.0	100.0	3.9	1.69	1.85
6H-2, 87–91	47.17	<i>Idmidronea</i> spp.	1.67	2.28	0.0	100.0	2.7	1.67	2.12
6H-3, 40–42	48.20	<i>Idmidronea</i> spp.	1.19	2.05	0.0	100.0	7.6	1.19	1.59
6H-4, 130–134	50.60	<i>Idmidronea</i> spp.	1.39	2.03	0.0	100.0	4.6	1.39	1.76
6H-5, 40–42	51.20	<i>Idmidronea</i> spp.	1.13	2.03	0.0	100.0	4.4	1.13	1.77
7H-2, 67–71	56.47	<i>Idmidronea</i> spp.	0.91	1.81	0.0	100.0	6.1	0.91	1.44
7H-3, 40–42	57.70	<i>Idmidronea</i> spp.	0.92	1.65	0.0	100.0	5.5	0.92	1.32
7H-5, 40–42	60.70	<i>Idmidronea</i> spp.	0.77	1.68	0.0	100.0	5.6	0.77	1.35
8H-5, 40–42	70.20	<i>Idmidronea</i> spp.	0.77	1.98	0.0	100.0	5.3	0.77	1.66

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
8H-6, 68–72	71.98	<i>Idmidronea</i> spp.	0.78	1.97	0.0	100.0	4.7	0.78	1.69
9H-3, 40–42	76.70	<i>Idmidronea</i> spp.	0.74	2.10	0.0	100.0	3.6	0.74	1.89
9H-3, 105–109	77.35	<i>Idmidronea</i> spp.	0.81	2.14	0.0	100.0	3.9	0.81	1.91
9H-5, 40–42	79.70	<i>Idmidronea</i> spp.	1.41	1.62	0.0	100.0	NA	1.41	(1.62)
10H-2, 139–143	85.69	<i>Idmidronea</i> spp.	0.73	2.02	0.0	100.0	4.2	0.73	1.77
10H-3, 40–42	86.20	<i>Idmidronea</i> spp.	0.68	2.08	0.0	100.0	4.3	0.68	1.82
10H-5, 40–42	89.20	<i>Idmidronea</i> spp.	0.96	1.96	0.0	100.0	3.8	0.96	1.74
11H-3, 40–42	95.70	<i>Idmidronea</i> spp.	1.11	2.01	0.0	100.0	5.0	1.11	1.71
11H-5, 13–17	98.43	<i>Idmidronea</i> spp.	0.92	1.98	0.0	100.0	5.3	0.92	1.67
11H-5, 40–42	98.70	<i>Idmidronea</i> spp.	0.86	2.06	0.0	100.0	3.6	0.86	1.84
12H-5, 143–147	109.23	<i>Idmidronea</i> spp.	0.80	2.11	0.0	100.0	5.9	0.80	1.75
13H-2, 129–133	114.09	<i>Idmidronea</i> spp.	1.00	2.16	0.0	100.0	4.7	1.00	1.88
13H-2, 129–133	114.09	<i>Idmidronea</i> spp.	0.93	2.32	0.0	100.0	5.3	0.93	2.00
13H-2, 129–133	114.09	<i>Idmidronea</i> spp.	0.85	2.22	0.0	100.0	5.3	0.85	1.90
13H-4, 130–134	117.10	<i>Idmidronea</i> spp.	1.57	2.01	0.0	100.0	6.4	1.57	1.62
14H-3, 115–119	124.95	<i>Idmidronea</i> spp.	1.09	1.67	0.0	100.0	5.3	1.09	1.36
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1H-2, 123–127	2.73	<i>Nevianipora</i> sp.	1.48	1.98	0.0	100.0	3.8	1.48	1.75
1H-3, 07–11	3.07	<i>Nevianipora</i> sp.	1.25	1.85	0.0	100.0	4.3	1.25	1.59
1H-3, 40–42	3.40	<i>Nevianipora</i> sp.	1.58	1.80	0.0	100.0	2.9	1.58	1.63
1H-5, 50–54	6.50	<i>Nevianipora</i> sp.	1.33	1.87	0.0	100.0	2.7	1.33	1.71
2H-1, 146–150	8.26	<i>Nevianipora</i> sp.	1.40	1.84	0.0	100.0	1.5	1.40	1.75
2H-2, 76–80	9.06	<i>Nevianipora</i> sp.	1.75	1.90	0.0	100.0	2.6	1.75	1.74
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.11	1.61	0.0	100.0	3.4	1.11	1.41
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.31	2.05	0.0	100.0	2.6	1.31	1.89
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.42	1.86	0.0	100.0	2.4	1.42	1.72
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.17	1.47	0.0	100.0	4.0	1.17	1.23
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.49	1.84	0.0	100.0	3.7	1.49	1.62
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.33	1.71	0.0	100.0	3.9	1.33	1.48
2H-3, 04–8	9.84	<i>Nevianipora</i> sp.	1.44	1.64	0.0	100.0	2.3	1.44	1.50
2H-3, 40–42	10.20	<i>Nevianipora</i> sp.	1.00	1.62	0.0	100.0	2.5	1.00	1.47
2H-4, 72–76	12.02	<i>Nevianipora</i> sp.	1.36	1.54	0.0	100.0	3.1	1.36	1.35
2H-5, 40–42	13.20	<i>Nevianipora</i> sp.	1.03	1.53	0.0	100.0	3.5	1.03	1.33
2H-5, 81–85	13.61	<i>Nevianipora</i> sp.	1.03	1.52	0.0	100.0	2.6	1.03	1.37
2H-6, 96–100	15.26	<i>Nevianipora</i> sp.	1.12	1.47	0.0	100.0	2.0	1.12	1.34
2H-CC, 05–7	16.12	<i>Nevianipora</i> sp.	1.14	1.55	0.0	100.0	2.1	1.14	1.42
3H-2, 146–150	19.26	<i>Nevianipora</i> sp.	1.11	1.51	0.0	100.0	3.8	1.11	1.28
3H-3, 40–42	19.70	<i>Nevianipora</i> sp.	1.14	1.48	0.0	100.0	2.2	1.14	1.35
3H-3, 130–134	20.60	<i>Nevianipora</i> sp.	1.11	1.49	0.0	100.0	3.5	1.11	1.28
3H-4, 72–76	21.52	<i>Nevianipora</i> sp.	1.22	1.34	0.0	100.0	2.4	1.22	1.19
3H-5, 40–42	22.70	<i>Nevianipora</i> sp.	1.00	1.44	0.0	100.0	2.8	1.00	1.27
3H-5, 123–125	23.53	<i>Nevianipora</i> sp.	1.21	1.40	0.0	100.0	2.8	1.21	1.23
4H-1, 146–150	27.26	<i>Nevianipora</i> sp.	1.20	1.61	0.0	100.0	3.2	1.20	1.42
4H-3, 40–42	29.20	<i>Nevianipora</i> sp.	1.13	1.78	0.0	100.0	2.5	1.13	1.63
4H-4, 01–3	30.31	<i>Nevianipora</i> sp.	0.85	1.59	0.0	100.0	3.1	0.85	1.41
4H-4, 89–93	31.19	<i>Nevianipora</i> sp.	1.27	1.64	0.0	100.0	2.2	1.27	1.50
4H-5, 40–42	32.20	<i>Nevianipora</i> sp.	1.19	1.70	0.0	100.0	1.8	1.19	1.59
4H-5, 142–144	33.22	<i>Nevianipora</i> sp.	1.15	1.54	0.0	100.0	4.7	1.15	1.26
4H-6, 46–50	33.76	<i>Nevianipora</i> sp.	0.70	1.27	0.0	100.0	2.5	0.70	1.11
4H-7, 50–54	34.80	<i>Nevianipora</i> sp.	0.83	1.24	0.0	100.0	2.5	0.83	1.09
5H-2, 146–150	38.26	<i>Nevianipora</i> sp.	0.98	1.28	0.0	100.0	2.7	0.98	1.12
5H-3, 40–42	38.70	<i>Nevianipora</i> sp.	0.77	1.17	0.0	100.0	2.6	0.77	1.01
5H-5, 40–42	41.70	<i>Nevianipora</i> sp.	0.57	1.69	0.0	100.0	2.4	0.57	1.55
5H-5, 66–70	41.96	<i>Nevianipora</i> sp.	0.83	1.88	0.0	100.0	3.8	0.83	1.65
5H-6, 75–79	43.55	<i>Nevianipora</i> sp.	0.88	1.92	0.0	100.0	3.4	0.88	1.72
6H-1, 41–43	45.21	<i>Nevianipora</i> sp.	1.15	2.17	0.0	100.0	2.7	1.15	2.01
6H-2, 87–91	47.17	<i>Nevianipora</i> sp.	0.84	2.13	0.0	100.0	1.1	0.84	2.07
6H-3, 40–42	48.20	<i>Nevianipora</i> sp.	1.13	2.13	0.0	100.0	3.5	1.13	1.91
6H-4, 130–134	50.60	<i>Nevianipora</i> sp.	0.80	2.02	0.0	100.0	3.4	0.80	1.82
6H-5, 40–42	51.20	<i>Nevianipora</i> sp.	0.62	1.91	0.0	100.0	3.0	0.62	1.73
7H-2, 67–71	56.47	<i>Nevianipora</i> sp.	0.68	1.68	0.0	100.0	3.3	0.68	1.48
7H-3, 40–42	57.70	<i>Nevianipora</i> sp.	0.37	1.66	0.0	100.0	2.7	0.37	1.50
7H-5, 40–42	60.70	<i>Nevianipora</i> sp.	0.41	1.57	0.0	100.0	2.7	0.41	1.41
8H-3, 40–42	67.20	<i>Nevianipora</i> sp.	0.35	1.57	0.0	100.0	2.9	0.35	1.40
8H-5, 40–42	70.20	<i>Nevianipora</i> sp.	0.60	1.96	0.0	100.0	1.6	0.60	1.86
8H-6, 68–72	71.98	<i>Nevianipora</i> sp.	0.36	1.85	0.0	100.0	5.8	0.36	1.50
9H-3, 40–42	76.70	<i>Nevianipora</i> sp.	0.39	1.95	0.0	100.0	5.7	0.39	1.60
9H-3, 105–109	77.35	<i>Nevianipora</i> sp.	0.60	2.06	0.0	100.0	2.8	0.60	1.90

Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Bryozoan species	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)	Mineralogy			$\delta^{13}\text{C}_{\text{corr}}$ (‰ VPDB)	$\delta^{18}\text{O}_{\text{corr}}$ (‰ VPDB)
					Aragonite (wt%)	Calcite (wt%)	Mg (mol%)		
9H-5, 40–42	79.70	<i>Nevianipora</i> sp.	1.10	1.82	0.0	100.0	2.9	1.10	1.64
10H-2, 139–143	85.69	<i>Nevianipora</i> sp.	0.51	1.95	0.0	100.0	5.5	0.51	1.62
10H-3, 40–42	86.20	<i>Nevianipora</i> sp.	0.33	1.92	0.0	100.0	4.8	0.33	1.63
10H-5, 40–42	89.20	<i>Nevianipora</i> sp.	0.62	1.81	0.0	100.0	3.5	0.62	1.60
11H-3, 40–42	95.70	<i>Nevianipora</i> sp.	0.45	2.06	0.0	100.0	4.7	0.45	1.78
11H-5, 40–42	98.70	<i>Nevianipora</i> sp.	0.79	2.09	0.0	100.0	NA	0.79	(2.09)
12H-5, 143–147	109.23	<i>Nevianipora</i> sp.	0.55	2.18	0.0	100.0	5.5	0.45	1.85
13H-2, 129–133	114.09	<i>Nevianipora</i> sp.	0.81	2.11	0.0	100.0	6.0	0.81	1.75
13H-2, 129–133	114.09	<i>Nevianipora</i> sp.	1.05	2.24	0.0	100.0	5.1	1.05	1.94
13H-4, 130–134	117.10	<i>Nevianipora</i> sp.	0.92	1.82	0.0	100.0	3.9	0.92	1.59
14H-3, 115–119	124.95	<i>Nevianipora</i> sp.	0.70	1.81	0.0	100.0	4.7	0.70	1.52

Notes: NA = samples not enough for XRD measurements. $\delta^{13}\text{C}_{\text{corr}}$ = carbon isotopic value corrected to pure calcite;
 $\delta^{18}\text{O}_{\text{corr}}$ = oxygen isotopic value corrected to pure calcite.