ODP Hole 762C data (Thomas et al., 1992)

Sample	Depth (mbsf)	Age (Ma)	Measured $\delta^{18}O$ ‰ PDB	Corrected $\delta^{18}O$ ‰ PDB
2/1/128-130	171.28	21.37	1.09	1.48
2/4/85-87	175.35	22.17	0.67	1.07
3/1/23-25	179.73	23.03	0.63	1.04
¾/72-74	184.72	24.00	0.22	0.64
4/1/27-29	189.27	24.90	0.07	0.50
4/4/72-74	194.22	25.87	0.08	0.53
5/1/128-130	199.78	26.96	-0.12	0.34
6/1/132-134	209.32	28.82	0.14	0.62
6/4/77-79	213.27	29.60	0.06	0.55
7/1/22-24	217.72	30.47	-0.19	0.31
7/4/72-74	222.72	31.45	-0.59	-0.08
8/1/45-50	227.48	32.38	-0.48	0.04
8/4/71-73	232.21	33.31	-0.01	0.52
9/1/73-75	237.33	34.31	-0.07	0.47
10/1/79-81	246.79	36.17	0.10	0.67
10/4/72-74	251.22	37.03	0.31	0.89
11/1/132-134	256.82	38.13	-0.01	0.58
11/4/71-73	260.71	38.89	-0.05	0.55
12/1/131-133	266.31	39.99	0.28	0.89
12/4/72-74	270.22	40.76	0.14	0.76
13/1/129-131	275.79	42.41	-0.21	0.42
14/1/130-132	285.30	43.40	0.45	1.10
14/4/70-72	289.20	43.78	0.08	0.74
15/1/123-125	294.73	44.44	0.36	1.04
15/CC/13-15	297.50	44.77	0.21	0.89
16/1/121-123	304.21	45.58	0.36	1.06
16/3/79-81	306.79	45.89	0.05	0.75
17/2/32-34	314.32	46.67	0.09	0.81
17/5/131-133	319.81	47.16	-0.22	0.51
18/1/77-79	322.77	47.43	-0.40	0.34
18/2/79-81	324.29	47.56	-0.23	0.51
18/3/79-81	325.79	47.70	-0.23	0.52
18/4/71-73	327.21	47.82	-0.32	0.43
18/5/80-82	328.80	47.97	-0.44	0.31
18/6/79-81	330.29	48.11	-0.51	0.25
19/1/82-84	332.32	48.31	-0.61	0.15
19/2/71-73	333.71	48.44	-0.62	0.15
19/4/72-74	336.72	48.73	-0.73	0.04
20/1/82-84	341.82	49.13	-0.83	-0.05
20/2/71-73	343.21	49.21	-1.23	-0.44
20/3/78-80	344.78	49.30	-1.03	-0.24
20/4/51-53	346.01	49.37	-0.93	-0.14
21/1/78-80	351.28	49.66	-0.94	-0.13
21/2/67-69	352.67	49.83	-0.86	-0.05
22/1/72-74	360.72	51.18	-0.99	-0.16
22/2/71-73	362.21	51.43	-0.74	0.09
22/3/60-62	363.60	51.66	-0.90	-0.07
22/4/66-68	365.16	51.92	-0.71	0.13
22/5/67-69	366.67	52.18	-1.15	-0.31
22/6/72-74	368.22	52.41	-1.08	-0.24
23/1/67-69	370.17	52.54	-0.90	-0.05
23/2/66-68	371.66	52.64	-1.03	-0.18
23/3/54-56	373.04	52.72	-1.01	-0.15
24/1/57-59	379.57	53.14	-1.03	-0.16
24/CC/8-10	380.50	53.20	-1.02	-0.15
25/1/70-72	389.20	53.76	-0.73	0.16
25/2/78-80	390.78	53.86	-0.90	0.00
25/3/70-72	392.20	53.96	-0.78	0.12
25/4/80-82	393.80	54.06	-0.92	-0.02
25/5/35-37	394.85	54.13	-0.78	0.13

26/1/15-16	398.15	54.34	-0.88	0.03
26/1/75-77	398.75	54.38	-0.85	0.06
26/2/15-16	399.65	54.43	-1.13	-0.21
26/2/68-70	400.18	54.47	-0.84	0.08
26/3/15-16	401.16	54.53	-0.95	-0.03
26/3/67-69	401.67	54.56	-0.81	0.11
26/4/15-16	402.65	54.63	-0.52	0.40
27/1/15-16	402.66	54.63	-0.89	0.03
27/1/63-65	403.13	54.66	-0.93	-0.01
26/4/65-67	403.15	54.66	-0.81	0.11
26/5/15-16	404.15	54.72	-0.55	0.38
27/2/15-16	404.16	54.72	-0.82	0.11
27/2/61-63	404.61	54.75	-0.78	0.15
26/5/68-70	404.68	54.76	-0.79	0.14
27/3/15-16	405.66	54.82	-0.89	0.04
26/CC/6-8	405.86	54.83	-0.88	0.05
27/3/65-67	406.15	54.85	-1.04	-0.11
27/4/15-16	407.16	54.92	-1.01	-0.08
27/4/55-57	407.55	54.94	-0.87	0.06
27/CC/15-16	408.79	55.02	-1.09	-0.15
28/1/15-16	412.16	55.24	-0.92	0.03
28/1/65-67	412.65	55.27	-1.20	-0.25
28/CC/15-16	413.88	55.35	-1.28	-0.33
28/CC/23-25	413.95	55.35	-0.81	0.14
29/1/15-16	421.65	55.85	-0.94	0.03
29/1/64-66	422.14	55.88	-1.03	-0.06
29/2/16-17	423.16	56.08	-0.92	0.05
29/2/65-67	423.65	56.20	-0.76	0.21
29/3/15-16	424.65	56.41	-0.83	0.14
29/3/77-79	425.27	56.44	-0.68	0.30
29/CC/15-16	426.10	56.48	-0.83	0.15
30/1/15-16	431.15	56.74	-0.74	0.25
30/1/63-65	431.63	56.76	-0.47	0.52
30/2/15-16	432.65	56.82	-0.63	0.36
30/2/57-59	433.07	56.84	-0.51	0.48
30/3/15-16	434.15	56.89	-0.65	0.35
30/3/66-68	434.66	56.92	-0.35	0.65
30/4/15-16	435.65	56.97	-0.61	0.39
30/4/57-59	436.07	56.99	-0.49	0.51
30/CC/15-16	436.67	57.02	-0.45	0.55
31/1/74-76	441.24	57.25	-0.69	0.32
31/2/72-74	442.72	57.33	-0.07	0.95
31/3/74-76	444.24	57.41	-0.33	0.69
31/4/76-78	445.76	57.48	-0.61	0.41
31/5/75-77	447.25	57.56	-0.55	0.48
31/6/74-76	448.74	57.63	-0.46	0.57
32/1/75-77	450.75	57.74	-0.44	0.59
32/2/68-70	452.18	57.81	-0.25	0.79
32/CC/34-36	453.75	57.89	-0.59	0.45
33/1/74-76	460.24	58.22	-0.70	0.36
33/2/71-73	461.71	58.29	-0.52	0.54
33/3/66-68	463.16	58.37	-0.80	0.26
33/4/68-70	464.68	58.44	-0.75	0.32
33/5/70-72	466.20	58.52	-0.61	0.46
33/6/76-78	467.76	58.60	-0.62	0.45
34/1/73-75	469.73	58.70	-0.74	0.34
34/2/69-71	471.19	58.78	-0.83	0.25
34/3/75-77	472.75	58.86	-0.60	0.48
34/4/79-81	474.29	58.93	-0.60	0.49
34/5/70-72	475.70	59.01	-0.42	0.67
35/1/61-63	479.11	59.18	-0.73	0.37
35/2/63-65	480.63	59.26	-0.51	0.59
36/CC/34-36	488.60	59.66	-0.74	0.38

37/1/78-80	498.28	60.15	-0.62	0.52
37/4/77-79	502.77	60.38	-0.80	0.35
38/1/73-75	507.73	60.63	-0.56	0.60
38/4/76-78	512.26	60.86	-0.87	0.30
39/1/76-78	517.26	61.20	-0.75	0.44
39/4/69-71	521.69	62.64	-1.10	0.10
40/1/73-75	526.73	62.98	-1.00	0.21
40/4/73-75	531.23	63.28	-0.98	0.24
41/1/77-79	536.27	63.62	-1.11	0.12
41/4/73-75	540.73	64.02	-1.07	0.17

ODP Hole 762C data (This Study)

Sample	Depth (mbsf)	Age (Ma)	Measured $\delta^{18}O$ ‰ PDB	Corrected $\delta^{18}O$ ‰ PDB
40/1/68-70	526.68	62.98	-1.16	0.08
40/2/28-30	527.78	63.05	-1.08	0.16
40/3/28-30	529.28	63.15	-1.15	0.09
40/4/28-30	530.78	63.25	-1.14	0.10
40/5/29-31	532.29	63.35	-1.51	-0.27
40/6/49-51	533.99	63.47	-1.21	0.03
41/1/77-79	536.27	63.62	-0.89	0.35
41/2/0-2	537.00	63.69	-1.13	0.11
41/3/43-45	538.93	63.87	-1.26	-0.02
41/4/36-38	540.36	64.00	-0.92	0.32
41/5/49-51	541.99	64.12	-0.69	0.55
41/6/39-41	543.39	64.22	-1.12	0.12
42/1/7-9	545.07	64.34	-1.57	-0.33
42/2/2-4	546.52	64.44	-0.95	0.29
42/3/0-2	548.00	64.55	-1.22	0.02
42/4/90-92	550.40	64.72	-1.29	-0.05
42/5/0-2	551.00	64.76	-0.60	0.64
42/6/112-114	553.62	64.93	-1.06	0.18
43/2/48-50	556.48	65.32	-1.38	-0.14
43/4/128-130	560.28	65.73	-1.34	-0.10
43/5/13-15	560.63	65.75	-1.30	-0.06
44/2/147-149	566.97	66.12	-0.93	0.31
44/3/60-62	567.60	66.16	-0.80	0.44
44/5/39-41	570.39	66.32	-1.01	0.23
44/6/63-65	572.13	66.42	-1.03	0.21
44/7/21-23	573.21	66.49	-0.82	0.42
45/2/67-69	575.67	66.63	-0.78	0.46
45/4/51-53	578.21	66.78	-0.82	0.42
45/5/58-60	580.08	66.89	-1.19	0.05
46/2/76-78	585.26	67.19	-1.13	0.11
46/4/68-70	588.18	67.36	-1.30	-0.06
47/2/106-108	595.06	67.91	-1.14	0.10
47/3/109-111	596.59	68.22	-1.04	0.20
47/5/57-59	599.07	68.72	-1.24	0.00
47/6/85-87	600.85	69.13	-0.91	0.33
48/2/7-9	603.57	69.62	-1.61	-0.37
48/3/48-50	605.48	69.89	-1.55	-0.31
48/5/32-34	608.32	70.30	-1.21	0.03
48/6/55-57	610.05	70.54	-1.56	-0.32
48/6/81-83	610.31	70.58	-0.33	0.91
49/2/146-147	614.46	71.15	-1.49	-0.25
49/4/84-86	616.84	71.40	-0.99	0.25
50/2/37-39	622.87	72.04	-1.71	-0.47
50/3/146-148	625.46	72.31	-0.95	0.29
50/5/63-65	627.63	72.54	-1.21	0.03
51/2/2-4	632.02	73.00	-1.53	-0.29
51/5/44-46	636.94	73.42	-1.46	-0.22
52/3/9-11	643.09	73.99	-0.91	0.33
52/5/58-60	646.58	74.32	-1.08	0.16

53/3/10-11	652.60	74.89	-1.13	0.11
53/5/139-141	656.89	75.30	-1.13	0.11
54/2/128-130	661.78	75.77	-1.01	0.23
54/6/34-36	666.48	76.15	-1.24	0.00
55/1/35-37	668.85	76.26	-1.21	0.03
55/3/34-36	671.84	76.39	-1.07	0.17
56/2/58-60	680.08	76.76	-1.15	0.09
56/6/10-12	685.60	77.00	-1.23	0.01
57/2/41-43	689.41	77.29	-1.30	-0.06
57/3/9-11	690.59	77.42	-1.42	-0.18
58/2/129-131	699.79	78.49	-1.61	-0.37
58/6/64-66	705.14	79.11	-1.62	-0.38
59/2/45-47	708.45	79.46	-1.41	-0.17
59/6/49-51	714.49	80.10	-1.52	-0.28
60/1/99-101	716.99	80.36	-1.65	-0.41
60/3/8-10	719.08	80.58	-1.95	-0.71
61/1/106-108	726.56	81.37	-1.87	-0.63
61/2/143-145	728.43	81.57	-2.08	-0.84
62/2/48-50	736.98	82.47	-1.93	-0.69
62/5/133-135	742.33	83.06	-2.33	-1.09
63/1/30-32	744.80	83.50	-1.93	-0.69
63/2/16-18	746.16	83.57	-2.07	-0.83
63/2/115-117	747.15	83.62	-2.27	-1.03
64/1/96-98	754.96	84.00	-2.33	-1.09
64/1/141-143	755.41	84.02	-2.52	-1.28
64/2/92-94	756.42	84.07	-2.14	-0.90
64/2/145-147	756.95	84.10	-2.28	-1.04
64/3/12-14	757.12	84.11	-2.23	-0.99
64/3/84-86	757.84	84.14	-2.30	-1.06
64/3/122-124	758.22	84.16	-2.46	-1.22
64/4/38-40	758.88	84.19	-2.15	-0.91
65/CC/2-4	760.32	84.26	-2.47	-1.23
66/1/53-55	765.37	84.51	-2.39	-1.15
66/1/91-93	765.65	84.52	-2.27	-1.03
66/1/125-127	765.89	84.54	-2.19	-0.95
66/2/10-12	766.14	84.55	-2.23	-0.99
66/2/92-94	766.72	84.58	-2.15	-0.91
66/2/135-137	767.04	84.59	-2.18	-0.94
66/3/4-6	767.17	84.60	-2.16	-0.92
66/3/93-95	767.81	84.63	-2.17	-0.93
66/4/22-24	768.37	84.66	-2.14	-0.90
66/4/57-59	768.62	84.67	-2.35	-1.11
66/4/99-101	768.92	84.68	-2.22	-0.98
66/5/19-21	769.42	84.71	-2.13	-0.89
67/1/27-29	770.27	84.75	-2.00	-0.76
67/1/50-52	770.50	84.76	-2.08	-0.84
67/CC/6-8	770.59	84.77	-2.21	-0.97
67/CC/31-33	770.84	84.78	-2.14	-0.90
68/1/5-7	775.05	85.13	-2.12	-0.88
68/1/51-53	775.51	85.18	-2.24	-1.00
68/1/113-115	776.13	85.23	-1.13	0.11
69/1/22-24	780.22	85.60	-2.26	-1.02
69/1/68-70	780.68	85.64	-1.85	-0.61
69/1/117-119	781.17	85.68	-2.07	-0.83
69/2/10-12	781.60	85.72	-1.96	-0.72
69/CC/5-7	782.24	85.78	-2.16	-0.92
70/1/8-10	785.08	86.78	-2.14	-0.90
70/1/40-42	785.40	86.90	-2.08	-0.84
70/CC/39-41	786.24	87.21	-2.30	-1.06
71/1/9-11	790.09	88.23	-1.69	-0.45
71/1/40-42	790.40	88.32	-1.97	-0.73
71/1/69-71	790.69	88.39	-2.10	-0.86
71/1/104-106	791.04	88.48	-1.89	-0.65

71/1/131-133	791.31	88.56	-1.87	-0.63
71/2/14-16	791.64	88.64	-1.50	-0.26
71/2/41-43	791.91	88.72	-1.46	-0.22
71/2/84-86	792.34	88.83	-1.78	-0.54
71/2/91-93	792.41	88.85	-2.22	-0.98
71/2/120-122	792.70	88.93	-0.98	0.26
71/CC/29-31	793.29	89.08	-2.18	-0.94
72/1/35-37	795.35	89.63	-1.18	0.06
72/1/52-54	795.52	89.67	-1.63	-0.39
72/1/76-78	795.76	89.74	-2.46	-1.22
72/1/104-108	796.04	89.81	-2.41	-1.17
72/2/5-7	796.55	89.95	-2.09	-0.85
72/2/53-55	797.03	90.08	-2.19	-0.95
72/2/75-77	797.25	90.13	-2.29	-1.05
72/2/90-92	797.40	90.17	-2.80	-1.56
73/1/23-25	799.73	90.79	-2.40	-1.16
73/1/93-95	800.43	90.98	-2.48	-1.24
73/1/135-137	800.85	91.09	-2.62	-1.38
73/2/27-29	801.27	91.20	-2.19	-0.95
73/2/108-110	802.08	91.42	-2.22	-0.98
73/2/146-147	802.46	91.52	-2.34	-1.10
73/3/7-9	802.57	91.55	-2.36	-1.12
73/3/59-61	803.09	91.68	-2.84	-1.60
74/1/24-26	804.74	92.12	-2.60	-1.36
74/1/29-31	804.79	92.14	-2.70	-1.46
74/1/96-98	805.46	92.31	-2.51	-1.27
74/2/33-35	806.33	92.54	-1.62	-0.38
74/2/85-87	806.85	92.68	-2.44	-1.20
74/2/134-136	807.34	92.81	-2.85	-1.61
75/1/18-20	809.68	93.43	-2.29	-1.05
75/1/77-79	810.27	93.81	-2.29	-1.05
75/1/142-144	810.92	94.40	-2.80	-1.56
75/2/31-33	811.31	94.54	-2.05	-0.81
75/2/90-92	811.90	94.76	-2.13	-0.89
75/3/30-32	812.80	95.08	-1.99	-0.75
75/3/58-60	813.08	95.18	-2.12	-0.88
76/1/9-11	814.59	95.72	-2.13	-0.89
76/1/123-124	815.73	96.13	-1.89	-0.65
76/2/30-32	816.30	96.34	-1.99	-0.75
76/2/119-121	817.19	96.66	-1.93	-0.69

ODP Hole 763B data (This Study)

Sample	Depth (mbsf)	Age (Ma.)	Measured $\delta^{18}O$ ‰ PDB	Corrected $\delta^{18}O$ ‰ PDB
8/1/64-66	247.60	75.18	0.20	0.20
8/2/62-64	249.12	75.45	-0.10	-0.10
8/3/64-66	250.64	75.73	0.13	0.13
9/1/36-38	256.86	76.28	0.05	0.05
9/3/2-4	259.52	76.40	-0.24	-0.24
9/5/53-55	263.03	76.55	0.05	0.05
10/1/34-36	266.34	76.70	-0.21	-0.21
10/3/24-26	269.24	76.83	-0.14	-0.14
10/5/134-136	273.34	77.01	-0.28	-0.28
11/1/70-72	276.20	77.15	-0.19	-0.19
11/3/90-92	279.40	77.36	-0.34	-0.34
11/5/11-13	281.61	77.50	-0.30	-0.30
12/1/72-74	285.72	77.77	-0.35	-0.35
12/3/6-8	288.06	77.92	-0.34	-0.34
13/1/35-37	294.85	78.37	-0.35	-0.35
13/3/98-100	298.48	78.61	-0.40	-0.40
13/5/88-90	301.38	78.80	-0.50	-0.50
14/1/36-38	304.36	78.99	-0.47	-0.47
14/3/40-42	307.40	79.65	-0.57	-0.57

14/5/33-35	310.33	80.79	-0.56	-0.56
15/2/74-76	315.74	82.90	-0.54	-0.54
15/3/72-74	317.22	83.31	-0.41	-0.41
15/4/39-41	318.39	83.61	-0.57	-0.57
15/5/16-18	319.66	83.94	-0.64	-0.64
15/6/49-51	321.49	84.41	-0.65	-0.65
16/1/46-48	323.46	84.83	-0.65	-0.65
16/3/19-21	326.19	85.02	-0.77	-0.77
16/5/64-66	329.64	85.26	-0.49	-0.49
17/1/82-84	333.32	85.52	-0.78	-0.78
17/3/29-31	335.79	85.70	-0.82	-0.82
17/5/99-101	339.49	85.99	-0.70	-0.70
18/1/62-64	342.62	86.27	-0.75	-0.75
18/3/94-96	345.94	86.56	-0.83	-0.83
19/1/9-11	351.59	87.05	-0.84	-0.84
19/2/27-29	353.27	87.20	-0.86	-0.86
19/2/86-88	353.86	87.35	-1.11	-1.11
19/3/4-6	354.54	87.54	-0.94	-0.94
19/3/135-137	355.85	87.90	-0.81	-0.81
19/4/41-43	356.41	88.05	-0.72	-0.72
19/4/145-147	357.45	88.33	-0.85	-0.85
19/5/9-11	357.59	88.37	-1.06	-1.06
19/5/148-150	358.98	88.75	-0.72	-0.72
19/6/36-38	359.36	88.85	-0.91	-0.91
19/6/125-127	360.25	89.10	-0.84	-0.84
20/1/32-34	361.32	89.33	-1.18	-1.18
20/1/94-96	361.94	89.38	-0.99	-0.99
20/2/12-14	362.62	89.43	-0.78	-0.78
20/2/56-58	363.06	89.47	-0.94	-0.94
21/1/10-12	370.60	90.08	-1.18	-1.18
21/1/54-56	371.04	90.11	-1.17	-1.17
21/1/86-88	371.36	90.14	-1.22	-1.22
21/1/133-135	371.83	90.18	-1.00	-1.00
21/2/33-35	372.33	90.22	-1.32	-1.32
21/2/55-57	372.55	90.24	-1.26	-1.26
22/1/11-13	380.11	90.85	-1.23	-1.23
22/1/42-44	380.42	90.87	-1.65	-1.65
22/1/77-79	380.77	90.90	-1.57	-1.57
22/1/105-107	381.05	90.92	-1.56	-1.56
22/1/119-121	381.19	90.93	-1.57	-1.57
22/2/16-18	381.66	90.97	-1.35	-1.35
23/1/54-56	390.04	94.45	-1.61	-0.95
23/2/84-86	391.84	94.60	-1.57	-0.91
23/3/28-30	392.78	94.68	-1.70	-1.04
23/4/100-102	395.00	94.87	-2.05	-1.39
23/5/85-87	396.35	94.99	-1.87	-1.21
24/1/102-104	400.02	95.31	-1.88	-1.22
24/2/49-51	400.99	95.39	-2.12	-1.46
24/3/73-75	402.73	95.54	-1.72	-1.06
24/4/89-91	404.39	95.68	-1.69	-1.03
24/5/64-66	405.64	95.79	-1.94	-1.28
24/6/56-58	407.06	95.91	-1.75	-1.09
25/1/72-74	409.22	96.10	-1.85	-1.19
25/2/72-74	410.72	96.23	-1.68	-1.02
25/3/72-74	412.22	96.36	-1.45	-0.79
25/4/72-74	413.72	96.49	-1.66	-1.00
25/5/72-74	415.22	96.62	-1.55	-0.89
25/6/72-74	416.72	96.75	-1.51	-0.85
26/1/75-77	418.75	96.92	-1.77	-1.11
26/2/75-77	420.25	97.05	-1.62	-0.96
26/3/75-77	421.75	97.18	-1.79	-1.13
26/4/75-77	423.25	97.31	-1.85	-1.19
27/1/71-73	428.21	97.90	-1.66	-1.00

27/2/71-73	429.71	98.10	-1.93	-1.27
27/3/71-73	431.21	98.29	-2.13	-1.47
27/4/71-73	432.71	98.48	-1.84	-1.18
27/5/71-73	434.21	98.67	-1.98	-1.32
27/6/69-71	435.69	98.86	-2.18	-1.52
28/1/72-74	437.72	99.12	-1.98	-1.32
28/2/77-79	439.27	99.32	-2.11	-1.45
28/3/71-73	440.71	99.51	-1.94	-1.28
28/4/77-79	442.27	99.71	-1.87	-1.21
28/5/71-73	443.71	99.89	-1.93	-1.27
28/6/75-77	445.25	100.09	-2.13	-1.47
29/1/70-72	447.20	100.34	-1.78	-1.12
29/2/67-69	448.67	100.53	-1.67	-1.01
29/3/73-75	450.23	100.73	-1.52	-0.86
29/4/76-78	451.76	100.92	-1.88	-1.22
29/5/70-72	453.20	101.11	-1.45	-0.79
29/6/74-76	454.74	101.31	-1.56	-0.90
30/1/68-70	456.68	101.56	-1.70	-1.04
30/2/73-75	458.23	101.77	-1.64	-0.98
30/3/73-75	459.73	102.02	-1.63	-0.97
30/4/70-72	461.20	102.27	-1.41	-0.75
30/5/72-75	462.72	102.53	-1.50	-0.84
30/6/70-72	464.20	102.78	-1.62	-0.96
31/1/75-77	466.25	103.12	-1.61	-0.95
31/2/78-80	467.78	103.38	-1.47	-0.81
31/3/70-72	469.20	103.62	-1.48	-0.82
31/4/74-76	470.74	103.88	-1.57	-0.91
31/5/70-72	472.20	104.12	-1.73	-1.07
31/6/77-79	473.77	104.39	-1.52	-0.86
32/1/73-75	475.73	104.72	-2.00	-1.34
32/2/73-75	477.23	104.97	-2.07	-1.41
32/3/73-75	478.73	105.22	-1.31	-0.65
32/4/72-74	480.22	105.47	-2.33	-1.67
32/5/75-77	481.75	105.73	-1.51	-0.85
32/6/75-77	483.25	105.98	-1.50	-0.84
33/1/62-64	485.12	106.30	-1.46	-0.80
33/2/62-64	486.62	106.54	-1.61	-0.95
33/3/69-71	488.19	106.76	-1.59	-0.93
33/4/75-77	489.75	106.99	-1.77	-1.11
33/5/74-76	491.24	107.20	-1.63	-0.97
33/6/72-74	492.72	107.41	-1.37	-0.71
34/1/73-75	494.73	107.69	-1.44	-0.78
34/2/67-69	496.17	107.89	-1.47	-0.81
34/3/74-76	497.74	108.11	-1.46	-0.80
34/4/70-72	499.20	108.32	-1.37	-0.71
34/5/75-77	500.75	108.54	-1.66	-1.00
34/6/70-72	502.20	108.75	-1.75	-1.09
35/1/71-73	504.21	109.03	-1.51	-0.85
35/2/74-76	505.74	109.25	-1.34	-0.68
35/3/73-75	507.23	109.46	-1.66	-1.00
35/4/77-79	508.77	109.67	-1.50	-0.84
35/5/72-74	510.22	109.88	-1.50	-0.84
35/6/69-71	511.69	110.09	-1.54	-0.88
36/1/70-72	513.70	110.37	-1.45	-0.79
36/2/75-77	515.25	110.59	-1.58	-0.92
36/3/75-77	516.75	110.80	-1.35	-0.69
36/4/68-70	518.18	111.01	-1.56	-0.90
36/5/70-72	519.70	111.22	-1.47	-0.81
36/6/70-72	521.20	111.43	-1.67	-1.01
37/1/68-70	523.18	111.71	-0.91	-0.25
37/2/67-69	524.67	111.92	-0.84	-0.18
37/3/71-73	526.21	112.14	-0.78	-0.12
37/4/80-82	527.80	112.37	-0.80	-0.14

37/5/74-76	529.24	112.60	-0.06	0.60
38/1/30-32	532.30	113.23	-0.88	-0.22
39/1/116-118	542.66	115.35	-1.00	-0.34
39/2/10-12	543.10	115.44	-1.82	-1.16
40/1/73-75	551.73	117.20	-0.52	0.14
40/2/75-77	553.25	117.52	-0.53	0.13

ODP Hole 766A data (This Study)

Sample	Depth (mbsf)	Age (Ma)	Measured $\delta^{18}O$ ‰ PDB	Corrected $\delta^{18}O$ ‰ PDB
13/2/86-88	116.26	80.48	-0.37	N.D.
13/2/135-137	116.75	80.83	-0.29	N.D.
13/3/4-6	116.94	81.00	-0.50	N.D.
13/3/59-61	117.49	81.51	-0.47	N.D.
13/3/89-91	117.79	81.78	-0.51	N.D.
13/3/130-132	118.20	82.16	-0.52	N.D.
14/1/17-19	123.77	87.25	-0.73	N.D.
14/1/44-46	124.04	87.42	-0.61	N.D.
14/1/87-89	124.47	87.71	-0.26	N.D.
14/1/123-125	124.83	87.94	-0.36	N.D.
14/2/10-12	125.20	88.18	-0.46	N.D.
14/2/60-62	125.70	88.51	-0.69	N.D.
14/2/122-124	126.32	88.92	-0.81	N.D.
14/3/10-12	126.70	89.17	-1.22	N.D.
14/4/104-106	129.14	90.59	-1.69	N.D.
14/4/144-146	129.54	90.82	-1.40	N.D.
14/5/4-6	129.64	90.88	-1.52	N.D.
14/5/35-37	129.95	91.05	-1.93	N.D.
14/5/63-65	130.23	91.22	-1.83	N.D.
14/5/92-94	130.52	91.38	-1.49	N.D.
15/1/29-31	133.49	93.09	-0.86	N.D.
15/1/67-69	133.87	93.31	-1.43	N.D.
15/1/105-107	134.25	93.52	-2.04	N.D.
15/3/73-75	136.93	94.72	-1.21	N.D.
15/4/62-64	138.32	95.35	-1.18	N.D.
15/5/93-95	140.13	96.16	-1.19	N.D.
16/1/60-62	143.50	97.67	-1.10	N.D.
16/2/13-15	144.53	98.13	-1.23	N.D.
16/3/20-22	146.10	98.83	-1.25	N.D.
16/4/25-27	147.65	99.53	-1.33	N.D.
16/5/68-70	149.58	100.39	-1.21	N.D.
16/6/30-32	150.70	100.89	-1.28	N.D.
17/1/47-49	152.97	101.83	-0.95	N.D.
17/4/13-15	157.13	103.00	-0.65	N.D.
17/6/82-84	160.82	104.03	-0.72	N.D.
18/2/25-27	163.85	104.88	-0.76	N.D.
18/3/104-105	166.14	105.53	-0.89	N.D.
18/5/6-8	168.16	106.09	-1.14	N.D.
19/1/35-36	172.05	107.18	-0.70	N.D.
19/3/82-84	175.52	108.16	-0.87	N.D.
19/5/17-18	177.87	108.82	-1.17	N.D.
20/2/77-79	183.67	110.44	0.32	N.D.
20/4/0-2	185.90	111.07	0.06	N.D.
21/1/55-59	191.55	112.54	-0.05	N.D.
21/1/117-119	192.17	112.59	0.07	N.D.
21/2/33-35	192.83	112.64	0.25	N.D.
21/2/78-80	193.28	112.68	0.01	N.D.
24/1/19-20	220.09	115.98	-0.19	N.D.
24/1/38-39	220.28	116.02	-0.05	N.D.
24/1/75-76	220.65	116.10	-0.20	N.D.
24/1/115-116	221.05	116.18	0.16	N.D.
24/1/138-140	221.28	116.23	0.04	N.D.
25/1/29-31	229.89	117.97	-0.13	N.D.

25/1/59-61	230.19	118.03	-0.21	N.D.

PDB is Peedee belemnite.

Corrected $\delta^{18}O$ = measured $\delta^{18}O$ values corrected for burial diagenesis (see text for further discussion).

N.D. = Not Determined.

Following recommendations by Coplen (1996) the measured value for the NBS 19 international standard ($\delta^{18}O$ = -2.23 ‰ ± 0.12 ‰ PDB, N = 53) is also reported, thus facilitating future comparisons with this data set.

DEPTH–AGE CONTROL POINTS USED FOR INTERPOLATION OF $\delta^{18}O$ DATA ONTO NUMERICAL TIMESCALE

Event *		Age (Ma) †	Nannofossil Zone	762C §	763B §	766A §
B	**Chron 16R**	36.60	N.D.	249.01	N.D.	N.D.
B	**Chron 18R**	41.30	N.D.	273.00	N.D.	N.D.
B	**Chron 19N**	41.50	N.D.	273.46	N.D.	N.D.
B	**Chron 19R**	42.50	N.D.	276.01	N.D.	N.D.
B	**Chron 20N**	43.80	N.D.	289.45	N.D.	N.D.
B	**Chron 20R**	46.30	N.D.	310.22	N.D.	N.D.
B	**Chron 21N**	47.90	N.D.	328.05	N.D.	N.D.
B	**Chron 21R**	49.00	N.D.	339.53	N.D.	N.D.
B	**Chron 22N**	49.70	N.D.	351.90	N.D.	N.D.
B	**Chron 23R**	52.40	N.D.	368.00	N.D.	N.D.
B	**Chron 24R**	55.90	N.D.	422.46	N.D.	N.D.
B	**Chron 25N**	56.40	N.D.	424.45	N.D.	N.D.
B	**Chron 26R**	60.90	N.D.	512.98	N.D.	N.D.
B	**Chron 27N**	61.30	N.D.	518.73	N.D.	N.D.
B	**Chron 27R**	62.50	N.D.	519.59	N.D.	N.D.
B	**Chron 28N**	63.60	N.D.	536.00	N.D.	N.D.
B	**Chron 28R**	64.00	N.D.	540.39	N.D.	N.D.
B	**Chron 29N**	64.80	N.D.	551.50	N.D.	N.D.
last	Cretaceous species	65.00	N.D.	554.80	N.D.	N.D.
B	**Chron 29R**	65.60	N.D.	558.00	N.D.	N.D.
B	**Chron 30R**	67.70	N.D.	594.00	N.D.	N.D.
B	**Chron 31N**	68.70	N.D.	599.00	N.D.	N.D.
LO	*Reinhardtites levis*	69.40	Base CC25	602.00	N.D.	94.70
B	**Chron 31R**	71.10	N.D.	614.00	N.D.	N.D.
B	**Chron 32N2N**	73.00	N.D.	632.00	N.D.	N.D.
B	**Chron 32R2R**	73.60	N.D.	639.00	N.D.	N.D.
LO	*Eiffellithus eximus*	75.10	Base CC23	N.D.	247.18	N.D.
FO	*Quadrum trifidum*	76.10	Base CC22 & NC20	665.29	252.70	N.D.
FO	*Quadrum sissinghii*	77.10	Base CC21	687.80	275.50	N.D.
B	**Chron 33N**	79.10	N.D.	705.00	306.00	N.D.
LO	*Marthasterites furcatus*	80.60	Base CC19	N.D.	N.D.	116.50
B	**Chron 33R**	83.00	N.D.	742.00	316.00	N.D.
FO	*Aspidolithus parcus parcus*	83.50	Base CC18 & NC18	744.74	N.D.	N.D.
FO	*Lucianorhabdus cayeuxii*	84.80	Base CC16	771.30	323.00	N.D.
FO	*Lithastrinus grillii*	85.80	Base CC15 & NC17	782.50	337.29	N.D.
FO	*Micula decussata*	87.20	Base CC14 & NC16	786.20	353.30	123.70
FO	*Marthasterites furcatus*	89.30	Base CC13 & NC15	N.D.	361.00	126.90
FO	*Eiffellithus eximius*	91.00	Base CC12 & NC14	N.D.	382.00	N.D.
FO	*Quadrum gartneri*	93.50	Base CC11 & NC13	809.93	382.20	134.20
LO	*Microstaurus chiastius*	94.40	Base NC12	810.91	389.50	N.D.
FO	*Corollithion kennedyi*	97.40	-	819.25	424.29	N.D.
FO	*Eiffellithus turriseiffelii*	101.70	Base CC9 & NC10	824.30	457.80	152.50
FO	*Axopodorhabdus albianus*	106.50	Base NC9	N.D.	486.32	N.D.
FO	*Prediscosphaera columnata*	112.50	Base CC8 & NC8	830.65	528.75	191.00
FO	*Hayesites albiensis*	114.00	-	N.D.	N.D.	210.30
FO	*Eprolithus floralis*	119.00	Base NC7	N.D.	560.50	N.D.
FO	*Rhagodiscus angustus*	119.90	-	N.D.	N.D.	239.40
FO	*Chiastozygus litterarius*	121.10	Base CC7 & NC6	N.D.	560.80	242.20
T	**Chron M3**	125.20	-	N.D.	N.D.	259.00

Note: Magnetostratigraphic reversal boundaries are preferred for data interpolation. In the absence of magnetic reversals during the mid-Cretaceous normal polarity superchron, nannofossil occurrence datum levels are used as depth–age control points.

* B - Base; LO - Last Occurrence; FO - First Occurrence; T - Top.

† Timescale follows that of Berggren et al. (1995) for the Cenozoic and Gradstein et al. (1995) for the Cretaceous. Nannofossil datum level ages are taken from Shipboard Scientific Party (1998).

§ Depths expressed as meters below sea floor. Hole 762C, 763B and 766A magnetostratigraphy after Galbrun (1992) and Ogg et al. (1992). Depths of nannofossil datum levels from Bralower and Siesser (1992), Moran (1992), Mutterlose (1992) and Bralower et al. (1997).

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