APPENDIX III

IMAGES core MD97-2141: $\delta^{18}O$ and $\delta^{13}C$ data from *Globigerinoides sacculifer*

Sample (depth, cm)	Age$ (kyr)	$\delta^{18}O$ (*G.sacc*‡) (‰)	$\delta^{13}C$ (*G.sacc*‡) (‰)
0	4.29	-2.234	1.993
10	4.77	-2.204	1.743
20	5.16	-2.149	1.813
30	5.48	-2.366	1.947
40	5.80	-2.276	1.865
50	6.13	-2.374	1.810
60	6.48	-2.327	1.663
70	7.09	-2.290	1.931
80	7.68	-2.504	1.949
90	8.26	-2.018	1.700
100	8.84	-2.177	1.694
110	9.42	-2.162	1.449
120	10.00	-2.264	1.418
130	10.35	-2.251	1.419
140	10.70	-1.933	1.334
150	11.05	-2.306	1.162
160	11.24	-1.473	1.226
170	11.68	-1.685	1.260
180	12.13	-1.467	1.246
190	12.57	-1.317	1.023
200	13.01	-1.290	0.905
210	13.72	-1.422	1.094
220	14.41	-1.017	1.081
230	15.12	-0.923	1.370
240	16.05	-0.941	1.155
250	16.61	-1.004	1.142
260	16.92	-1.001	1.176
270	17.23	-1.077	1.260
280	17.53	-0.755	1.192
290	17.89	-0.980	1.130
300	18.27	-1.320	1.398
310	18.65	-1.117	1.241
320	19.03	-1.097	1.367
330	19.41	-1.234	1.281
340	19.77	-1.317	1.241
350	20.01	-1.036	1.262
360	20.24	-1.136	1.126
371	20.56	-1.280	1.309
380	20.96	-1.071	1.472
390	21.41	-1.086	1.383
400	21.85	-1.195	1.416
410	hiatus	-1.519	1.422
420	hiatus	-1.684	1.512
430	29.54	-1.592	1.487
440	32.10	-1.676	1.496
450	32.75	-1.690	1.532
460	33.40	-1.508	1.464
470	34.05	-1.546	1.467
480	34.70		1.497
490	35.48	-1.573	1.498
500	36.58	-1.577	1.504
510	37.35	-1.519	1.335
520	37.51	-1.415	1.525
530	37.68	-1.212	1.367
540	37.84	-1.311	1.431
550	38.52	-1.567	1.419
560	39.19	-1.439	1.534
570	39.76	-1.435	1.421
580	40.33	-1.577	1.557
590	40.91	-1.603	1.470
600	41.48	-1.573	1.330
610	42.05	-1.492	1.301
620	42.63	-1.466	1.480
630	43.20	-1.492	1.570
640	43.78	-1.709	1.481
650	44.35	-1.678	1.434
660	44.93	-1.752	1.257
673	45.04	-1.926	1.261
680	45.44	-1.793	1.408
690	46.02	-1.642	1.280
700	46.59	-1.329	1.219
710	47.17	-1.800	1.256
720	47.74	-1.672	1.386
730	48.32	-1.600	1.247
740	48.89	-1.729	1.380
750	49.47	-1.733	1.419
760	50.04	-1.499	1.312
770	50.61	-1.797	1.298
780	51.19	-1.598	1.215
790	51.76	-1.768	1.212
800	52.34	-1.593	1.161
810	52.91	-1.596	1.065
820	53.49	-1.354	1.129
830	54.06	-1.481	1.039
840	54.64	-1.948	1.305
850	55.21	-1.616	1.192
860	55.79	-1.724	1.474
870	56.36	-1.659	1.320
880	56.94	-1.635	1.301
890	57.51	-1.652	1.168
900	58.08	-1.225	1.109
910	58.66	-1.652	0.814
920	59.23	-1.707	1.230
930	59.81	-1.558	0.896

Sample (depth, cm)	Age$ (kyr)	$\delta^{18}O$ (*G.sacc*‡) (‰)	$\delta^{13}C$ (*G.sacc*‡) (‰)
940	60.38	-1.287	0.880
950	61.72	-1.288	1.101
960	63.15	-1.172	0.946
970	64.57	-1.154	0.895
980	66.40	-1.129	0.932
990	68.40	-1.259	1.274
1000	70.40	-0.971	1.246
1010	72.40	-1.515	1.300
1020	74.40	-1.424	1.235
1030	76.40	-2.034	1.808
1040	78.21	-1.612	1.590
1050	79.25	-2.058	1.661
1060	80.29	-1.850	1.559
1070	81.33	-1.648	1.632
1080	82.37	-1.798	1.535
1090	83.41	-1.261	1.389
1100	84.45	-1.407	1.362
1110	85.49	-1.614	1.325
1120	86.52	-1.377	1.453
1130	87.56	-1.628	1.254
1140	88.60	-1.861	1.638
1150	89.64	-1.796	1.662
1160	90.68	-1.823	1.406
1170	91.72	-1.735	1.523
1180	92.76	-1.843	1.852
1190	93.80	-2.056	1.781
1200	94.84	-1.919	1.703
1210	95.88	-1.906	1.900
1220	96.92	-1.721	2.118
1260	98.17	-1.850	1.848
1270	99.17	-2.099	1.553
1280	99.99	-1.809	1.531
1290	100.82	-1.884	1.551
1300	101.64	-1.794	1.784
1310	102.47	-1.713	1.801
1320	103.30	-1.931	1.770
1330	104.12	-1.939	1.789
1340	104.95	-2.055	1.857
1350	105.77	-1.946	1.763
1360	106.60	-1.962	1.676
1370	107.43	-1.820	1.455
1380	108.25	-1.731	1.565
1400	108.91	-2.098	1.299
1410	109.74	-1.803	1.659
1420	110.57	-1.763	1.714
1430	111.39	-2.102	1.580
1440	112.22	-2.157	1.695
1450	113.05	-2.036	1.415
1460	113.87	-1.907	1.823
1470	114.70	-1.764	1.709
1480	115.52	-2.100	1.600
1490	116.35	-2.110	1.507
1500	117.18	-2.214	1.725
1510	118.00	-2.111	1.421
1520	118.83	-1.664	1.570
1530	119.66	-1.897	1.428
1540	120.48	-2.155	1.601
1550	121.31	-2.269	1.481
1560	122.13	-2.344	1.253
1570	122.96	-2.282	1.507
1580	123.79	-2.392	1.455
1590	124.61	-2.336	1.422
1600	125.44	-2.161	1.202
1610	126.26	-2.202	0.992
1620	127.09	-1.884	0.907
1630	127.92	-2.088	0.762
1640	128.99	-1.549	0.787
1650	130.08	-1.234	0.720
1660	131.18	-1.078	0.743
1670	132.27	-0.984	0.803
1680	133.37	-0.984	0.803
1690	134.47	-1.007	0.980
1700	135.56	-1.114	0.907
1710	136.66	-1.002	0.754
1720	137.75	-1.082	0.945
1730	138.85	-1.265	0.971
1740	139.95	-1.236	0.982
1750	141.04	-1.083	0.943
1760	142.14	-1.384	1.088
1770	143.23	-1.036	0.950
1780	144.32	-1.167	0.989
1790	145.38	-1.312	1.052
1800	146.44	-1.170	0.985

Note:

$ see Table 1 for age model

‡*G. sacc* = *Globigerinoides sacculifer* (300-355 μm)