

## Appendix C: Peak Counting

Table C1: Peak counting. Location of peaks are in microns from coral center

Peak Number	Transect 1 Age Model location of peak	Transect 1 Replicate 1 location of peak	Transect 1 Replicate 2 location of peak	Transect 2 location of peak
1	97.815	123.33	97.815	97.815
2	140.34	182.87	140.34	140.34
3	225.4	267.93	225.4	225.4
4	297.7	378.5	297.7	297.7
5	357.24	446.55	357.24	357.24
6	408.27	603.9	408.27	408.27
7	476.32	659.19	476.32	476.32
8	531.6	727.23	531.6	531.6
9	620.91	812.29	620.91	620.91
10	659.19	876.08	659.19	659.19
11	710.22	952.63	710.22	710.22
12	774.01	1033.4	774.01	774.01
13	854.82	1118.5	854.82	854.82
14	944.13	1173.8	944.13	901.6
15	1007.9	1271.6	1007.9	944.13
16	1097.2	1339.6	1097.2	1007.9
17	1144	1420.4	1144	1097.2
18	1229.1	1484.2	1229.1	1144
19	1280.1	1548	1280.1	1229.1
20	1318.4	1616.1	1318.4	1280.1
21	1360.9	1679.9	1360.9	1318.4
22	1428.9	1777.7	1428.9	1360.9
23	1522.5	1845.7	1522.5	1428.9
24	1600	1913.8	1600	1522.5
25	1675.6	1952	1675.6	1590.6
26	1739.4	2015.8	1739.4	1628.8
27	1845.7	2054.1	1845.7	1675.6
28	1964.8	2113.7	1964.8	1739.4
29	2088.1	2190.2	2088.1	1845.7
30	2147.7	2313.5	2147.7	1964.8
31	2211.5	2407.1	2211.5	2032.9
32	2296.5	2521.9	2296.5	2088.1
33	2402	2662.3	2402	2147.7
34	2470.9	2768.6	2470.9	2211.5
35	2521.9	2874.9	2521.9	2296.5
36	2632.5	2955.7	2632.5	2385.8
37	2685	3011	2685	2402.8
38	2738.8	3117.3	2738.8	2470.9
39	2857.9	3206.6	2857.9	2521.9
40	2904.7	3308.7	2904.7	2632.5
41	3023.8	3415	3023.8	2738.8
42	3079	3521.3	3079	2857.9
43	3130.1	3602.1	3130.1	2904.7
44	3176.9	3721.2	3176.9	3023.8

45	3227.9	3819	3227.9	3079
46	3347	3882.8	3347	3130.1
47	3427.8	3938.1	3427.8	3176.9
48	3504.3	3993.4	3504.3	3227.9
49	3597.9	4104	3597.9	3347
50	3648.9	4138	3648.9	3427.8
51	3687.2	4214.6	3687.2	3504.3
52	3785	4316.6	3785	3597.9
53	3827.5	4418.7	3827.5	3648.9
54	3942.4	4457	3942.4	3687.2
55	4035.9	4525	4035.9	3785
56	4095.5	4652.6	4095.5	3827.5
57	4189	4716.4	4189	3942.4
58	4240.1	4797.2	4240.1	4035.9
59	4312.4	4878	4312.4	4095.5
60	4367.7	4984.3	4367.7	4189
61	4461.2	5022.6	4461.2	4240.1
62	4610.1	5082.1	4610.1	4312.4
63	4652.6	5188.4	4652.6	4367.7
64	4758.9	5299	4758.9	4461.2
65	4801.4	5333	4801.4	4610.1
66	4890.7	5426.6	4890.7	4652.6
67	4988.6	5460.6	4988.6	4758.9
68	5043.9	5498.9	5043.9	4801.4
69	5133.2	5554.2	5133.2	4890.7
70	5243.7	5613.7	5243.7	4988.6
71	5320.3	5673.3	5320.3	5043.9
72	5379.8	5745.6	5379.8	5133.2
73	5464.9	5805.1	5464.9	5167.2
74	5520.2	5864.6	5520.2	5243.7
75	5669	5928.4	5669	5320.3
76	5711.5	5983.7	5711.5	5379.8
77	5813.6	6034.8	5813.6	5464.9
78	5898.7	6136.8	5898.7	5520.2
79	5988	6179.4	5988	5669
80	6068.8	6226.1	6068.8	5711.5
81	6111.3	6324	6111.3	5813.6
82	6183.6	6464.3	6183.6	5898.7
83	6294.2	6506.8	6294.2	5988
84	6358	6655.7	6358	6026.3
85	6426	6736.5	6426	6068.8
86	6498.3	6834.3	6498.3	6111.3
87	6570.6	6881.1	6570.6	6183.6
88	6647.2	6970.4	6647.2	6294.2
89	6685.4	7068.2	6685.4	6358
90	6762	7127.7	6762	6426
91	6817.3	7255.3	6817.3	6481.3
92	6889.6	7306.4	6889.6	6498.3
93	6978.9	7429.7	6978.9	6570.6

94	7025.7	7489.2	7025.7	6647.2
95	7102.2	7544.5	7102.2	6685.4
96	7157.5	7591.3	7157.5	6762
97	7276.6	7697.6	7276.6	6817.3
98	7361.6	7791.2	7361.6	6889.6
99	7451	7842.2	7451	6927.9
100	7485	7952.8	7485	6978.9
101	7574.3	8127.2	7574.3	7025.7
102	7642.3	8288.8	7642.3	7102.2
103	7680.6	8390.8	7680.6	7157.5
104	7740.1	8467.4	7740.1	7276.6
105	7825.2	8578	7825.2	7361.6
106	7935.8	8641.7	7935.8	7451
107	7982.6	8722.5	7982.6	7485
108	8097.4	8765.1	8097.4	7574.3
109	8195.2	8837.4	8195.2	7642.3
110	8229.2	8926.7	8229.2	7680.6
111	8331.3	9037.3	8331.3	7740.1
112	8403.6	9126.6	8403.6	7825.2
113	8531.2	9194.6	8531.2	7935.8
114	8578	9296.7	8578	7982.6
115	8646	9356.2	8646	8029.3
116	8726.8	9534.8	8726.8	8097.4
117	8786.3	9602.9	8786.3	8195.2
118	8850.1	9636.9	8850.1	8229.2
119	8896.9	9734.7	8896.9	8331.3
120	9011.7	9824	9011.7	8403.6
121	9092.5	9909.1	9092.5	8450.4
122	9147.8	10049	9147.8	8531.2
123	9194.6	10117	9194.6	8578
124	9258.4	10237	9258.4	8646
125	9309.4	10339	9309.4	8726.8
126	9360.5	10407	9360.5	8786.3
127	9407.3	10462	9407.3	8850.1
128	9483.8	10539	9483.8	8896.9
129	9615.6	10619	9615.6	9011.7
130	9730.5	10734	9730.5	9092.5
131	9768.7	10768	9768.7	9147.8
132	9853.8	10811	9853.8	9194.6
133	9938.9	10857	9938.9	9258.4
134	10037	10998	10037	9309.4
135	10109	11079	10109	9360.5
136	10245	11134	10245	9407.3
137	10381	11176	10381	9483.8
138	10462	11219	10462	9568.9
139	10530	11317	10530	9615.6
140	10636	11351	10636	9730.5
141	10704	11415	10704	9768.7
142	10819	11512	10819	9853.8

143	10943	11555	10943	9938.9
144	10989	11619	10989	10037
145	11036	11683	11036	10109
146	11132	11772	11132	10245
147	11227	11810	11227	10381
148	11283	11904	11283	10419
149	11406	12006	11406	10462
150	11529	12057	11529	10530
151	11593	12155	11593	10636
152	11700	12214	11700	10704
153	11797	12282	11797	10819
154	11887	12444	11887	10853
155	11959	12516	11959	11036
156	12091	12559	12091	11079
157	12155	12644	12155	11125
158	12218	12699	12218	11227
159	12295	12763	12295	11283
160	12389	12929	12389	11406
161	12452	12975	12452	11529
162	12520	13056	12520	11593
163	12571	13167	12571	11700
164	12639	13235	12639	11797
165	12695	13303	12695	11887
166	12810	13354	12810	11959
167	12882	13409	12882	12091
168	12933	13537	12933	12155
169	13043	13609	13043	12218
170	13175	13741	13175	12295
171	13231	13805	13231	12367
172	13282	13881	13282	12401
173	13401	13919	13401	12452
174	13452	14056	13550	12520
175	13550	14128	13664	12571
176	13664	14162	13754	12639
177	13754	14230	13817	12695
178	13817	14307	13877	12810
179	13877	14358	13928	12882
180	13928	14464	14013	12933
181	14013	14515	14149	13043
182	14106.5	14545	14285	13175
183	14285	14664	14370	13231
184	14370	14715	14498	13282
185	14498	14770	14570	13401
186	14570	14830	14694	13452
187	14694	14898	14813	13503
188	14855	14949	14855	13550
189	14957	15004	14957	13664
190	15106	15110	15106	13754
191	15178	15170	15178	13817

192	15302	15204	15302	13877
193	15348	15280	15348	13928
194		15357		14013
195				14136
196				14217
197				14285
198				14370
199				14498
200				14570
201				14694
202				14813
203				14855
204				14957
205				15106
206				15178
207				15302
208				15348