

Name: M40-4 82-2 SL

Cruise: RV Meteor

Position: Longitude: 03°46, 40' E Latitude: 42°18,51' N

Region: Gulf of Lion

Core length: 9.57m

Water Depth: 1080m

section 6 = 30.5 cm

Interval (cm)	Section	Depth (cm)	Pd wt	Pd wt + sample	Total sample wt	Pd wt	Pd wt + sample	> 63 wt
0-1	6	0.5	43.843	45.842	1.999	44.514	44.632	0.118
1-2	6	1.5	44.895	47.391	2.496	48.935	49.105	0.17
2-3	6	2.5	48.633	51.588	2.955	44.368	44.522	0.154
3-4	6	3.5	44.983	47.735	2.752	43.852	43.986	0.134
4-5	6	4.5	44.755	48.043	3.288	44.387	44.554	0.167
5-6	6	5.5	44.757	47.592	2.835	45.101	45.244	0.143
6-7	6	6.5	44.151	47.248	3.097	44.319	44.474	0.155
7-8	6	7.5	46.641	49.547	2.906	44.273	44.423	0.15
8-9	6	8.5	48.93	52.134	3.204	48.336	48.49	0.154
9-10	6	9.5	44.754	47.882	3.128	44.385	44.495	0.11
10-11	6	10.5	44.989	48.266	3.277	44.274	44.455	0.181
11-12	6	11.5	45.777	48.357	2.58	48.636	48.73	0.094
12-13	6	12.5	44.895	47.908	3.013	48.506	48.685	0.179
13-14	6	13.5	46.723	49.749	3.026	45.319	45.49	0.171
14-15	6	14.5	45.102	48.094	2.992	48.64	48.871	0.231
15-16	6	15.5	44.893	48.041	3.148	44.663	44.845	0.182
16-17	6	16.5	47.353	50.032	2.679	48.824	48.988	0.164
17-18	6	17.5	43.841	46.471	2.63	45.343	45.469	0.126
18-19	6	18.5	47.324	49.987	2.663	48.421	48.598	0.177
19-20	6	19.5	45.462	48.198	2.736	44.672	44.797	0.125
20-21	6	20.5	48.819	51.614	2.795	44.893	45.066	0.173
21-22	6	21.5	47.352	50.346	2.994	44.317	44.47	0.153
22-23	6	22.5	48.336	51.78	3.444	44.755	44.95	0.195
23-24	6	23.5	46.869	50.01	3.141	48.502	48.648	0.146
24-25	6	24.5	44.272	47.242	2.97	47.324	47.481	0.157
25-26	6	25.5	48.63	52.067	3.437	48.815	48.974	0.159
26-27	6	26.5	44.367	47.608	3.241	47.353	47.568	0.215
27-28	6	27.5	45.095	47.875	2.78	44.616	44.806	0.19
28-29	6	28.5	44.513	47.008	2.495	44.149	44.332	0.183
29-30.5	6	29.75	45.566	50.819	5.253	45.229	45.478	0.249
0-1	5	31	48.504	50.805	2.301	48.632	48.803	0.171
1-2	5	32	45.555	47.487	1.932	45.344	45.424	0.08
2-3	5	33	48.639	52.073	3.434	44.273	44.533	0.26
3-4	5	34	47.349	50.639	3.29	44.271	44.479	0.208
4-5	5	35	44.675	47.792	3.117	44.366	44.549	0.183
5-6	5	36	46.781	50.17	3.389	48.639	48.817	0.178
6-7	5	37	45.328	48.668	3.34	48.817	49.03	0.213
7-8	5	38	48.926	52.329	3.403	48.335	48.511	0.176
8-9	5	39	48.419	51.411	2.992	48.504	48.688	0.184
9-10	5	40	44.977	48.418	3.441	45.36	45.528	0.168
10-11	5	41	44.387	47.69	3.303	44.513	44.715	0.202

Interval (cm)	Section	Depth (cm)	Pd wt	Pd wt + sample	Total sample wt	Pd wt	Pd wt + sample	> 63 wt
11-12	5	42	44.146	47.561	3.415	48.418	48.623	0.205
12-13	5	43	44.319	47.787	3.468	48.336	48.586	0.25
13-14	5	44	44.893	48.38	3.487	45.267	45.502	0.235
14-15	5	45	44.668	47.966	3.298	44.978	45.254	0.276
15-16	5	46	47.323	50.769	3.446	44.617	44.873	0.256
16-17	5	47	45.786	49.307	3.521	44.516	44.81	0.294
17-18	5	48	45.642	49.166	3.524	44.619	44.928	0.309
18-19	5	49	46.789	50.36	3.571	44.623	44.948	0.325
19-20	5	50	45.786	49.187	3.401	44.366	44.64	0.274
20-21	5	51	45.642	49.024	3.382	45.268	45.554	0.286
21-22	5	52	47.328	50.388	3.06	48.931	49.159	0.228
22-23	5	53	46.663	50.162	3.499	45.246	45.456	0.21
23-24	5	54	46.646	49.81	3.164	46.785	46.947	0.162
24-25	5	55	45.463	48.737	3.274	44.622	44.789	0.167
25-26	5	56	44.759	48.24	3.481	45.789	45.963	0.174
26-27	5	57	45.555	49.037	3.482	44.276	44.452	0.176
27-28	5	58	44.982	48.329	3.347	43.846	43.999	0.153
28-29	5	59	46.724	50.445	3.721	45.354	45.53	0.176
29-30	5	60	45.466	48.449	2.983	44.15	44.282	0.132
30-31	5	61	46.876	50.532	3.656	45.363	45.556	0.193
31-32	5	62	45.098	48.122	3.024	45.098	45.242	0.144
32-33	5	63	46.644	49.811	3.167	45.321	45.56	0.239
33-34	5	64	45.56	48.667	3.107	48.633	48.76	0.127
34-35	5	65	45.779	49.498	3.719	44.673	44.904	0.231
35-36	5	66	45.327	48.517	3.19	45.645	45.799	0.154
36-37	5	67	44.978	48.171	3.193	44.386	44.574	0.188
37-38	5	68	45.272	48.417	3.145	48.641	48.749	0.108
38-39	5	69	47.354	50.861	3.507	44.32	44.481	0.161
39-40	5	70	44.37	47.668	3.298	45.234	45.385	0.151
40-41	5	71	44.896	48.123	3.227	44.67	44.802	0.132
41-42	5	72	48.82	52.762	3.942	48.422	48.591	0.169
42-43	5	73	47.324	50.859	3.535	48.418	48.627	0.209
43-44	5	74	44.276	47.34	3.064	44.676	44.816	0.14
44-45	5	75	44.152	47.894	3.742	48.819	49.042	0.223
45-46	5	76	44.67	48.123	3.453	44.62	44.816	0.196
46-47	5	77	48.631	52.252	3.621	48.636	48.861	0.225
47-48	5	78	44.388	47.949	3.561	44.321	44.489	0.168
48-49	5	79	47.353	50.744	3.391	44.626	44.785	0.159
49-50	5	80	44.758	47.529	2.771	46.644	46.761	0.117
50-51	5	81	47.324	50.613	3.289	48.419	48.646	0.227
51-52	5	82	47.327	50.427	3.1	45.462	45.643	0.181
52-53	5	83	46.783	50.019	3.236	44.519	44.742	0.223
53-54	5	84	47.355	50.845	3.49	44.669	44.882	0.213
54-55	5	85	45.787	48.929	3.142	45.231	45.443	0.212
55-56	5	86	44.622	47.789	3.167	45.558	45.82	0.262

Interval (cm)	Section	Depth (cm)	Pd wt	Pd wt + sample	Total sample wt	Pd wt	Pd wt + sample	> 63 wt
56-57	5	87	46.871	50.371	3.5	44.62	44.903	0.283
57-58	5	88	44.619	48.219	3.6	44.621	44.861	0.24
58-59	5	89	45.463	48.928	3.465	44.391	44.72	0.329
59-60	5	90	44.369	47.836	3.467	44.369	44.643	0.274
60-61	5	91	46.724	49.794	3.07	44.67	44.951	0.281
61-62	5	92	47.356	51.529	4.173	47.353	47.588	0.235
62-63	5	93	45.556	48.611	3.055	45.36	45.632	0.272
63-64	5	94	44.756	49.065	4.309	44.757	45.016	0.259
64-65	5	95	45.645	49.217	3.572	45.344	45.658	0.314
65-66	5	96	44.321	48.528	4.207	44.321	44.53	0.209
66-67	5	97	46.664	50.189	3.525	44.672	44.993	0.321
67-68	5	98	48.642	52.352	3.71	48.642	48.836	0.194
68-69	5	99	44.979	48.513	3.534	48.335	48.585	0.25
69-70	5	100	47.328	50.572	3.244	47.327	47.483	0.156
70-71	5	101	48.632	52.426	3.794	44.317	44.589	0.272
71-72	5	102	45.782	49.183	3.401	45.779	45.928	0.149
72-73	5	103	44.894	47.996	3.102	48.503	48.728	0.225
73-74	5	104	45.324	48.607	3.283	45.327	45.502	0.175
74-75	5	105	44.978	48.335	3.357	48.638	48.871	0.233
75-76	5	106	48.821	52.505	3.684	48.822	48.992	0.17
76-77	5	107	47.328	50.827	3.499	44.618	44.835	0.217
77-78	5	108	44.388	48.401	4.013	44.39	44.598	0.208
78-79	5	109	46.784	50.382	3.598	45.268	45.515	0.247
79-80	5	110	44.275	48.392	4.117	44.275	44.502	0.227
80-81	5	111	47.353	50.354	3.001	44.673	44.895	0.222
81-82	5	112	45.271	49.264	3.993	45.272	45.542	0.27
82-83	5	113	48.632	52.393	3.761	45.359	45.669	0.31
83-84	5	114	44.979	48.842	3.863	44.981	45.229	0.248
84-85	5	115	45.462	48.869	3.407	48.418	48.668	0.25
85-86	5	116	44.149	47.662	3.513	44.15	44.408	0.258
86-87	5	117	46.726	50.087	3.361	44.616	44.962	0.346
87-88	5	118	43.844	47.722	3.878	43.844	44.185	0.341
88-89	5	119	45.555	49.125	3.57	45.231	45.475	0.244
89-90	5	120	44.67	47.837	3.167	44.669	44.903	0.234
90-91	5	121	45.643	49.403	3.76	48.335	48.55	0.215
91-92	5	122	45.645	49.304	3.659	45.645	45.884	0.239
92-93	5	123	46.667	50.188	3.521	44.666	44.935	0.269
93-94	5	124	45.556	48.797	3.241	45.558	45.826	0.268
94-95	5	125	43.841	47.075	3.234	44.318	44.516	0.198
95-96	5	126	45.464	48.542	3.078	45.466	45.721	0.255
96-97	5	127	44.754	47.356	2.602	44.386	44.583	0.197
97-98	5	128	46.643	48.743	2.1	46.645	46.799	0.154
98-99.5	5	129.25	45.778	52.687	6.909	48.504	48.935	0.431
92-93	5	123	46.667	50.188	3.521	44.666	44.935	0.269
93-94	5	124	45.556	48.797	3.241	45.558	45.826	0.268

94-95	5	125	43.841	47.075	3.234	44.318	44.516	0.198
95-96	5	126	45.464	48.542	3.078	45.466	45.721	0.255
96-97	5	127	44.754	47.356	2.602	44.386	44.583	0.197
97-98	5	128	46.643	48.743	2.1	46.645	46.799	0.154
98-99.5	5	129.25	45.778	52.687	6.909	48.504	48.935	0.431

Depth Combined	Split (fraction)	truncat (s)	truncat (d)	truncat (sum)	Age (Cal) BP
0.5	1	34	1	35	143.17
1.5	1	89	6	95	429.50
2.5	1	80	3	83	494.62
3.5	1	86	4	90	559.74
4.5	1	110	4	114	624.86
5.5	1	91	1	92	689.98
6.5	1	112	2	114	755.10
8.5	1	88	4	92	885.33
10.5	1	98	3	101	1015.57
12.5	1	130	6	136	1145.81
14.5	1	101	3	104	1276.05
16.5	1	81	5	86	1406.29
18.5	1	129	8	137	1536.53
20.5	1	156	10	166	1666.77
22.5	1	195	15	210	1797.00
24.5	1	104	6	110	1927.24
26.5	2	84	9	93	2057.48
28.5	2	72	5	77	2187.72
31	1	131	7	138	2350.52
33	2	110	6	116	2480.76
35	1	120	13	133	2611.00
37	2	75	8	83	2741.23
39	2	78	11	89	2871.47
41	2	96	21	117	3001.71
43	2	119	9	128	3131.95
45	2	98	17	115	3262.19
47	2	184	46	230	3392.43
49	2	127	38	165	3522.67
51	2	113	44	157	3652.90
53	2	66	27	93	3783.14
55	1	75	22	97	3913.38
57	1	52	28	80	4043.62
59	1	28	34	62	4194.25
61	1	11	52	63	4338.08
63	1	6	23	29	4481.92
65	1	22	17	39	4625.75
67	1	2	20	22	4769.58
69	1	2	17	19	4913.42
71	1	4	20	24	4941.75
73	1	8	1	9	5008.58
75	1	2	3	5	5075.42
77	1	1	2	3	5217.50
79	1	0	1	1	5334.50
81	1	1	4	5	5451.50
83	1	1	1	2	5568.50
87	1	1	3	4	5802.50

Depth Combined	Split (fraction)	truncat (s)	truncat (d)	truncat (sum)	Age (Cal) BP
89	1	2	2	4	5919.50
91	1	1	4	5	6036.50
93	1	0	1	1	6153.50
95	1	0	0	0	6270.50
97	1	0	0	0	6387.50
99	1	0	0	0	6504.50
101	1	0	1	1	6621.50
103	1	1	0	1	6738.50
105	1	2	0	2	6855.50
107	1	1	2	3	6972.50
109	1	2	1	3	7089.50
111	1	0	1	1	7206.50
113	1	5	1	6	7323.50
115	1	1	1	2	7440.50
117	1	3	5	8	7557.50
119	1	0	1	1	7674.50
121	1	0	0	0	7791.50
123	1	0	0	0	7908.50
125	1	0	0	0	8025.50
127	1	1	0	1	8142.50
129.25	1	1	1	2	8274.13

Mean Annual SST	Mean Summer SST	Mean winter SST
16.18	20.60	12.38
15.68	20.01	12.07
16.01	20.30	12.39
15.12	19.15	11.90
15.75	19.90	12.28
15.62	19.74	12.17
15.69	19.95	12.17
15.22	19.11	11.90
15.43	19.52	12.03
15.37	19.54	11.94
15.41	19.65	12.02
17.22	22.30	13.24
17.48	22.57	13.37
16.45	20.89	12.63
15.04	18.92	11.76
16.30	20.51	12.59
16.48	20.74	12.86
16.04	19.98	12.63
16.89	21.25	13.14
16.52	20.50	13.00
16.46	20.72	12.72
16.56	20.94	12.79
17.24	21.74	13.23
16.90	21.26	12.94
16.47	20.54	12.90
16.65	20.86	12.92
17.39	21.88	13.29
16.89	21.13	13.19
17.13	21.39	13.37
16.60	20.66	12.94
17.39	21.39	13.77
15.99	20.11	12.42
15.67	19.47	12.36
16.38	20.15	12.90
16.87	21.46	12.86
16.36	20.32	12.91
15.12	18.81	12.00
15.73	19.54	12.48
16.35	20.58	12.78
15.18	18.99	12.01
15.82	19.86	12.44
15.21	18.99	12.00
14.54	18.00	11.57
15.18	18.63	12.14
14.87	18.62	11.83
15.60	19.72	12.22

Mean Annual SST	Mean Summer SST	Mean winter SST
14.88	18.59	11.79
14.94	18.53	11.97
13.42	16.81	10.74
14.42	17.75	11.58
13.96	17.46	11.08
14.89	18.49	11.72
14.76	18.21	11.87
14.92	18.40	11.92
14.88	18.35	11.90
15.64	19.30	12.31
15.34	18.98	12.14
15.93	19.59	12.72
14.97	18.40	11.98
14.29	17.72	11.49
14.77	18.23	11.79
15.09	18.67	12.05
15.07	18.53	12.01
15.10	18.45	12.10
14.27	17.75	11.40
15.17	18.59	12.17
15.19	18.66	12.19
13.97	17.07	11.39
15.03	18.43	12.02
15.39	18.91	12.35
15.58	18.95	12.60
15.65	19.04	12.58
16.79	20.51	13.44
14.85	18.14	11.95
15.04	18.58	12.08
14.94	18.28	12.04
14.86	18.31	11.92

Depth Combined	Age (Cal BP)	Split (fraction)	ruber (w)	ruber (p)	truncat (s)	truncat (d)	truncat (sum)
4.50	624.86	4	13	2	29	2	31
5.50	689.98	4	11	0	25	0	25
7.50	820.22	2	15	1	38	3	41
8.50	885.33	4	16	0	20	1	21
9.50	950.45	2	21	0	40	1	41
11.50	1080.69	4	12	0	24	2	26
12.50	1145.81	8	7	1	22	0	22
13.50	1210.93	8	7	0	14	1	15
15.50	1341.17	8	3	0	18	1	19
16.50	1406.29	8	11	0	14	1	15
17.50	1471.41	8	7	0	24	0	24
20.50	1666.77	8	12	0	16	2	18
24.50	1927.24	8	8	1	21	0	21
28.50	2187.72	8	4	0	19	1	20
31.00	2350.52	16	3	1	5	0	5
32.00	2415.64	4	8	0	19	2	21
34.00	2545.88	8	15	0	26	4	30
35.00	2611.00	8	19	0	13	2	15
36.00	2676.11	8	22	0	24	4	28
38.00	2806.35	8	14	0	19	2	21
39.00	2871.47	8	16	0	20	3	23
40.00	2936.59	8	18	0	33	5	38
42.00	3066.83	8	13	0	22	9	31
43.00	3131.95	8	21	0	44	5	49
44.00	3197.07	8	18	0	18	2	20
46.00	3327.31	8	14	1	27	5	32
47.00	3392.43	16	18	0	38	6	44
48.00	3457.55	4	21	0	27	3	30
50.00	3587.78	8	21	0	19	10	29
51.00	3652.90	16	18	0	11	8	19
52.00	3718.02	8	22	0	4	11	15
53.00	3783.14	8	12	0	10	8	18
54.00	3848.26	4	20	0	6	11	17
56.00	3978.50	4	16	0	12	4	16
57.00	4050.42	4	21	0	19	10	29
58.00	4122.33	4	21	0	10	2	12
60.00	4266.17	4	15	0	10	1	11
61.00	4338.08	8	12	0	2	8	10
62.00	4410.00	2	17	0	2	20	22
64.00	4553.83	2	13	0	0	9	9
65.00	4625.75	4	21	0	10	7	17
66.00	4697.67	4	14	1	2	3	5
68.00	4841.50	2	14	2	1	0	1
70.00	4908.33	4	21	0	0	1	1
71.00	4941.75	4	33	0	0	9	9
72.00	4975.17	4	13	1	2	10	12
74.00	5042.00	2	19	1	4	1	5
76.00	5159.00	2	36	0	0	2	2
77.00	5217.50	8	16	1	0	0	0
78.00	5276.00	2	23	0	0	0	0
80.00	5393.00	2	12	1	0	0	0

81.00	5451.50	8	10	1	0	0	0
Depth Combined	Age (Cal BP)	Split (fraction)	ruber (w)	ruber (p)	truncat (s)	truncat (d)	truncat (sum)
82.00	5510.00	2	30	0	1	0	1
84.00	5627.00	2	28	0	0	0	0
86.00	5744.00	4	30	0	0	0	0
87.00	5802.50	8	6	1	0	0	0
88.00	5861.00	4	38	1	0	0	0
90.00	5978.00	4	31	0	0	0	0
92.00	6095.00	4	33	0	0	0	0
94.00	6212.00	4	16	0	0	0	0
96.00	6329.00	2	29	3	0	0	0
98.00	6446.00	4	33	1	0	0	0
100.00	6563.00	2	18	2	0	0	0
102.00	6680.00	2	11	0	0	0	0
104.00	6797.00	2	26	0	0	0	0
106.00	6914.00	2	23	1	0	0	0
108.00	7031.00	2	32	2	0	0	0
110.00	7148.00	4	16	4	0	0	0
112.00	7265.00	4	14	0	0	0	0
114.00	7382.00	2	11	0	0	0	0
116.00	7499.00	2	17	0	0	0	0
118.00	7616.00	2	18	0	0	0	0
120.00	7733.00	4	23	0	0	0	0
122.00	7850.00	2	10	0	0	0	0
124.00	7967.00	2	17	0	0	0	0
126.00	8084.00	2	20	3	0	0	0
128.00	8201.00	2	18	1	0	0	0

Depth	universa	siphonifera	sacculifer	glutinata	inflata	bulloides	pachy (d)	pachy (s)	rubescens
4.50	6	6	1	0	14	111	154	1	0
5.50	4	3	0	2	12	112	140	1	0
7.50	4	10	1	10	22	153	245	0	1
8.50	1	1	0	4	21	120	194	4	0
9.50	3	7	0	9	26	158	237	1	0
11.50	2	2	0	1	16	131	154	1	0
12.50	0	2	1	2	12	82	135	1	0
13.50	0	2	0	0	16	114	135	2	0
15.50	5	4	0	3	10	86	168	1	0
16.50	1	3	0	4	11	100	133	1	1
17.50	0	0	0	0	13	84	149	0	1
20.50	2	2	0	2	18	104	111	0	0
24.50	2	5	0	1	13	85	137	0	0
28.50	4	3	0	1	7	58	80	0	0
31.00	4	1	0	1	15	68	102	0	0
32.00	3	4	1	5	21	76	86	3	1
34.00	5	3	0	1	46	86	148	2	0
35.00	2	2	1	2	30	88	108	1	0
36.00	1	1	1	0	38	84	88	0	1
38.00	1	1	2	0	44	78	111	1	0
39.00	0	2	3	5	34	90	93	3	0
40.00	2	1	2	1	38	120	119	3	0

42.00	7	2	3	2	36	86	64	1	0
Depth	universa	siphonifera	sacculifer	glutinata	inflata	bulloides	pachy (d)	pachy (s)	rubescens
43.00	3	3	5	3	50	133	115	1	0
44.00	2	1	2	4	37	93	69	1	0
46.00	5	0	4	3	32	106	98	0	0
47.00	1	3	4	6	46	91	66	0	0
48.00	3	0	3	3	47	115	65	0	0
50.00	5	3	2	1	50	93	91	0	0
51.00	5	4	3	2	32	81	103	0	0
52.00	3	4	3	1	82	86	73	0	0
53.00	1	4	0	6	22	88	81	2	0
54.00	3	1	2	1	36	128	165	1	0
56.00	1	1	5	2	37	100	98	1	0
57.00	6	8	1	8	50	130	88	0	0
58.00	2	5	0	6	36	96	87	1	1
60.00	1	1	0	8	29	114	102	0	1
61.00	2	2	1	5	21	56	96	0	0
62.00	2	2	0	3	23	78	94	0	0
64.00	6	1	0	1	25	70	173	0	0
65.00	6	5	0	7	34	116	174	1	0
66.00	1	2	1	2	15	67	131	0	0
68.00	5	2	1	6	31	84	242	0	2
70.00	3	4	1	5	33	82	179	0	0
71.00	0	3	0	11	25	113	190	6	3
72.00	1	3	0	1	18	76	149	0	0
74.00	4	3	1	2	30	85	238	2	0
76.00	0	3	0	2	33	73	222	2	1
77.00	5	1	0	14	15	86	170	3	1
78.00	4	2	0	9	32	95	218	0	0
80.00	2	0	0	1	13	61	181	0	0
81.00	2	5	1	1	10	48	130	2	0
82.00	3	1	1	6	40	75	208	0	0
84.00	10	0	0	2	42	96	207	1	0
86.00	2	3	0	5	28	95	166	2	0
87.00	9	7	0	6	21	67	107	0	0
88.00	8	8	0	4	23	113	197	2	0
90.00	6	6	0	3	39	77	132	0	0
92.00	3	3	0	2	38	109	198	0	0
94.00	6	3	0	9	28	49	185	2	0
96.00	5	3	0	5	37	124	232	0	0
98.00	4	1	0	2	42	98	196	1	1
100.00	4	4	0	3	34	103	212	0	0
102.00	2	3	0	4	36	78	156	0	0
104.00	2	2	0	7	28	106	250	0	0
106.00	5	0	0	4	47	93	140	2	0
108.00	7	5	0	13	47	110	188	0	0
110.00	2	1	0	14	35	72	172	0	0
112.00	3	4	0	5	32	78	159	1	0
114.00	8	5	0	13	67	72	191	0	1
116.00	11	1	0	8	94	65	197	1	0
118.00	8	2	0	6	65	100	145	0	0
120.00	10	4	0	0	116	30	146	2	0
122.00	7	1	0	8	38	63	124	0	0

124.00	6	4	0	9	40	52	167	0	0
126.00	3	1	0	6	46	78	168	1	1
128.00	5	0	0	5	31	66	124	1	0

Depth Combined	tenella	digitata	quinq	scitula	falcanesis	Benthic	SPRUDTS	Total inc benthic
4.50	0	2	8	0	0	25	15	374
5.50	0	2	4	0	0	28	9	344
7.50	0	3	5	0	0	35	19	546
8.50	1	0	0	0	0	37	3	420
9.50	0	0	6	0	0	58	10	567
11.50	0	0	2	1	0	35	4	383
12.50	0	2	1	0	0	16	5	284
13.50	0	0	2	0	0	34	2	327
15.50	0	0	1	0	0	26	9	326
16.50	0	3	1	0	0	21	8	305
17.50	0	1	3	0	0	33	2	315
20.50	19	0	0	0	0	1	23	289
24.50	18	0	0	1	0	0	25	292
28.50	0	0	1	0	0	4	7	182
31.00	0	2	2	0	0	16	7	220
32.00	0	0	4	0	0	17	9	250
34.00	0	1	1	0	0	16	9	354
35.00	0	0	2	0	0	16	5	286
36.00	0	1	0	0	0	10	5	275
38.00	0	0	1	0	0	18	4	292
39.00	0	4	1	1	1	22	9	298
40.00	1	0	2	0	0	17	6	362
42.00	0	1	0	0	0	13	13	259
43.00	0	1	7	0	0	26	12	417
44.00	0	0	2	0	0	22	5	271
46.00	0	0	0	0	0	22	9	317
47.00	0	1	1	0	0	25	9	306
48.00	0	0	0	0	0	21	6	308
50.00	0	0	0	0	0	1	10	296
51.00	0	0	5	0	0	20	12	292
52.00	0	1	1	0	0	16	11	307
53.00	0	0	4	0	0	14	5	252
54.00	0	0	2	0	0	24	6	400
56.00	0	0	1	0	0	15	7	293
57.00	0	6	5	0	0	19	21	371
58.00	0	0	2	0	0	10	8	279
60.00	0	0	4	0	0	17	3	303
61.00	0	0	1	0	0	20	5	226
62.00	0	0	0	0	0	7	4	248
64.00	0	0	0	0	0	13	7	311
65.00	0	2	0	0	0	25	13	408
66.00	0	2	0	0	0	22	6	263
68.00	0	0	2	0	0	24	10	416
70.00	0	0	2	0	0	18	8	349
71.00	0	2	0	0	0	27	8	422
72.00	0	3	0	0	0	11	7	288
74.00	0	2	2	0	0	17	10	411
76.00	0	0	1	0	0	19	4	394
77.00	0	3	5	0	0	26	10	346
78.00	0	0	1	0	0	18	6	402

Depth Combined	tenella	digitata	quinq	scitula	falcanesis	Benthic	SPRUDTS	Total inc benthic
80.00	0	1	0	0	0	15	3	287
81.00	0	1	6	0	0	16	9	233
82.00	0	1	2	0	0	23	6	391
84.00	0	0	2	1	0	18	10	407
86.00	0	1	2	0	0	11	6	345
87.00	0	0	6	0	0	20	16	250
88.00	0	0	5	0	0	30	16	429
90.00	0	0	6	1	0	28	12	329
92.00	0	0	7	0	0	28	6	421
94.00	0	0	3	0	0	25	9	326
96.00	0	1	5	0	0	28	9	472
98.00	0	2	2	0	0	36	8	419
100.00	0	0	0	0	0	19	8	399
102.00	0	0	2	0	0	16	5	308
104.00	0	3	3	0	0	19	7	446
106.00	0	1	1	0	0	17	6	334
108.00	0	1	3	0	0	31	13	439
110.00	0	0	5	0	0	24	3	345
112.00	0	0	3	0	0	26	7	325
114.00	0	2	4	0	0	41	16	415
116.00	0	0	2	1	0	31	12	428
118.00	0	0	3	0	0	46	10	393
120.00	0	1	0	0	0	23	15	355
122.00	0	0	3	0	0	27	8	281
124.00	0	1	3	0	0	33	11	332
126.00	0	0	3	0	0	31	5	361
128.00	0	1	0	0	0	26	6	278

Name: M40/4 80-SL

Cruise: RV Meteor

Position: Longitude: 11°00,22'E Latitude: 40°57,31'N

Region:Tyrrhenian Sea

Core length: 7.40m

Water Depth: 1881m

Section	Interval	depth cm	PD Wt	PD+ dry S Wt	Dry S. Wt.	PD Wt	PD+ dry Wt	>63 wt.
8	00-01	00.5	44.756	47.471	2.715	45.233	45.448	0.215
8	02-03	02.5	47.354	50.332	2.978	45.269	45.456	0.187
8	04-05	04.5	46.725	49.608	2.883	44.676	44.865	0.189
8	05-06	05.5	45.777	49.043	3.266	44.366	44.572	0.206
8	06-07	06.5	48.632	51.609	2.977	45.362	45.585	0.223
8	07-08	07.5	44.753	47.545	2.792	44.618	44.812	0.194
8	08-09	08.5	45.644	48.532	2.888	48.421	48.634	0.213
8	09-10	09.5	45.555	48.294	2.739	44.673	44.924	0.251
8	10-11	10.5	45.464	48.892	3.428	44.621	49.972	5.351
8	11-12	11.5	44.977	47.63	2.653	48.505	48.763	0.258
8	12-13	12.5	46.666	49.675	3.009	44.32	44.606	0.286
8	14-15	14.5	43.844	46.47	2.626	44.669	45.005	0.336
8	16-17	16.5	45.782	48.343	2.561	48.505	48.687	0.182
8	18-19	18.5	45.559	47.892	2.333	48.64	48.795	0.155
8	20-21	20.5	44.757	47.587	2.83	44.62	44.778	0.158
8	22-23	22.5	45.466	47.728	2.262	44.669	44.819	0.15
8	24-25	24.5	47.355	49.97	2.615	48.641	48.801	0.16
8	26-27	26.5	45.645	47.935	2.29	44.321	44.431	0.11
8	28-29	28.5	48.634	51.176	2.542	48.509	48.679	0.17
8	30-31	30.5	46.667	49.426	2.759	44.676	44.842	0.166
8	32-33	32.5	45.781	48.384	2.603	45.237	45.364	0.127
8	33-34	33.5	48.927	51.26	2.333	44.619	44.72	0.101
8	34-35	34.5	46.725	49.371	2.646	48.421	48.529	0.108
8	36-37	36.5	45.558	48.331	2.773	45.27	45.432	0.162
8	37-38	37.5	46.782	49.24	2.458	48.335	48.492	0.157
8	38-39	38.5	43.845	46.519	2.674	45.366	45.586	0.22
8	40-41	40.5	46.643	48.977	2.334	44.369	44.569	0.2
8	42-43	42.5	44.896	47.237	2.341	45.348	45.53	0.182
8	44-45	44.5	44.15	46.774	2.624	44.388	44.53	0.142
8	46-47	46.5	46.873	49.556	2.683	44.621	44.816	0.195
8	48-49	48.5	45.789	48.415	2.626	44.338	48.559	4.221
8	50-51	50.5	44.98	47.622	2.642	44.516	44.652	0.136
8	52-53	52.5	48.93	51.57	2.64	45.347	45.487	0.14
8	54-55	54.5	45.098	47.449	2.351	45.233	45.328	0.095
8	56-57	56.5	46.785	49.37	2.585	45.361	45.505	0.144
8	58-59	58.5	44.15	47.203	3.053	44.368	44.538	0.17
8	60-61	60.5	47.326	49.753	2.427	44.621	44.757	0.136

Depth cm	Split (fraction)	truncat Sin. (L)	truncat Dex (R)	Total truncat	Age Cal BP
0.5	2	93	4	97	1329.0
2.5	1	88	16	104	2279.7
4.5	1	92	23	115	3230.4
5.5	1	63	39	102	3705.8
6.5	1	35	57	92	4181.1
7.5	1	20	49	69	4656.5
8.5	1	12	37	49	5131.8
9.5	1	2	32	34	5607.2
10.5	1	0	19	19	6082.5
11.5	1	0	6	6	6557.9
12.5	1	2	3	5	6683.8
14.5	1	4	2	6	7285.1
16.5	1	4	0	4	7886.4
18.5	1	4	2	6	8487.7
20.5	4	2	0	2	9089.0
22.5	1	9	2	11	9438.1
24.5	4	2	0	2	9787.2
26.5	4	3	0	3	10136.3
28.5	2	97	5	102	10485.4
30.5	1	104	5	109	10834.5
32.5	1	68	12	80	11183.6
34.5	1	41	10	51	11532.7
36.5	1	29	14	43	11881.8
38.5	2	15	1	16	12230.9
40.5	2	3	0	3	12580.0
42.5	2	2	2	4	12929.1
44.5	2	4	0	4	13278.2
46.5	2	5	3	8	13627.3
48.5	2	6	6	12	13976.4
50.5	2	7	3	10	14325.5
52.5	2	1	1	2	14674.6
54.5	2	0	1	1	15023.7
56.5	2	4	4	8	15372.8
58.5	2	0	0	0	15721.9
60.5	2	0	0	0	16071.0

Interval	Split (fraction)	ruber (w)	ruber (p)	truncat (s)	truncat (d)	truncat (sum)	universa	siphonifera
00-01	16.00	74.00	4.00	13.00	0.00	13.00	18.00	15.00
02-03	8.00	107.00	9.00	8.00	2.00	10.00	31.00	13.00
04-05	8.00	110.00	0.00	7.00	1.00	8.00	24.00	16.00
05-06	16.00	76.00	1.00	4.00	4.00	8.00	14.00	15.00
06-07	16.00	88.00	5.00	1.00	6.00	7.00	23.00	18.00
07-08	16.00	88.00	2.00	2.00	5.00	7.00	5.00	6.00
08-09	32.00	93.00	2.00	0.00	1.00	1.00	13.00	11.00
09-10	16.00	85.00	3.00	1.00	3.00	4.00	18.00	15.00
10-11	32.00	70.00	2.00	0.00	2.00	2.00	7.00	5.00
12-13	16.00	119.00	1.00	0.00	1.00	1.00	16.00	12.00
14-15	32.00	57.00	2.00	0.00	0.00	0.00	9.00	1.00
16-17	16.00	48.00	5.00	1.00	0.00	1.00	10.00	5.00
18-19	16.00	61.00	5.00	0.00	0.00	0.00	8.00	15.00
20-21	16.00	63.00	9.00	0.00	0.00	0.00	11.00	20.00
22-23	16.00	63.00	4.00	0.00	2.00	2.00	19.00	9.00
24-25	16.00	83.00	12.00	0.00	0.00	0.00	18.00	13.00
26-27	16.00	66.00	4.00	1.00	0.00	1.00	6.00	3.00
28-29	16.00	71.00	2.00	0.00	19.00	19.00	6.00	3.00

Interval	Split (fraction)	sacculifer	glutinata	inflata	bulloides	pachy (d)	pachy (s)	rubescens	tenella	digitata
00-01	16.00	5.00	7.00	8.00	85.00	16.00	0.00	0.00	2.00	4.00
02-03	8.00	33.00	18.00	13.00	94.00	19.00	0.00	3.00	1.00	9.00
04-05	8.00	29.00	17.00	11.00	91.00	42.00	0.00	2.00	0.00	2.00
05-06	16.00	14.00	16.00	12.00	72.00	52.00	2.00	2.00	0.00	8.00
06-07	16.00	13.00	15.00	25.00	89.00	98.00	0.00	1.00	0.00	2.00
07-08	16.00	6.00	21.00	21.00	110.00	116.00	3.00	1.00	0.00	5.00
08-09	32.00	5.00	21.00	20.00	117.00	148.00	0.00	2.00	0.00	3.00
09-10	16.00	2.00	27.00	24.00	97.00	252.00	3.00	3.00	1.00	6.00
10-11	32.00	0.00	17.00	25.00	72.00	174.00	1.00	0.00	0.00	4.00
12-13	16.00	3.00	23.00	48.00	146.00	372.00	5.00	0.00	0.00	3.00
14-15	32.00	6.00	15.00	35.00	63.00	196.00	0.00	1.00	0.00	0.00
16-17	16.00	7.00	12.00	36.00	43.00	133.00	0.00	2.00	0.00	1.00
18-19	16.00	4.00	7.00	55.00	34.00	133.00	4.00	5.00	0.00	2.00
20-21	16.00	3.00	22.00	47.00	59.00	149.00	2.00	5.00	0.00	2.00
22-23	16.00	0.00	39.00	52.00	44.00	123.00	1.00	1.00	0.00	1.00
24-25	16.00	0.00	30.00	63.00	37.00	133.00	0.00	6.00	0.00	1.00
26-27	16.00	1.00	27.00	58.00	26.00	41.00	0.00	2.00	0.00	0.00
28-29	16.00	1.00	60.00	115.00	57.00	6.00	0.00	2.00	0.00	0.00

Interval	Split (fraction)	quinq	scitula	pelagica	Benthic	Total
00-01	16.00	1.00	1.00	0.00	0.00	282.00
02-03	8.00	4.00	0.00	0.00	4.00	380.00
04-05	8.00	0.00	0.00	0.00	0.00	367.00
05-06	16.00	4.00	1.00	0.00	2.00	317.00
06-07	16.00	2.00	0.00	1.00	0.00	404.00
07-08	16.00	2.00	0.00	0.00	3.00	411.00
08-09	32.00	1.00	0.00	0.00	1.00	469.00
09-10	16.00	5.00	0.00	0.00	2.00	562.00
10-11	32.00	1.00	0.00	0.00	3.00	412.00
12-13	16.00	5.00	5.00	0.00	3.00	775.00
14-15	32.00	2.00	4.00	0.00	5.00	423.00
16-17	16.00	6.00	4.00	0.00	1.00	330.00
18-19	16.00	5.00	3.00	0.00	7.00	357.00
20-21	16.00	6.00	0.00	0.00	2.00	414.00
22-23	16.00	9.00	2.00	0.00	1.00	385.00
24-25	16.00	5.00	0.00	0.00	0.00	417.00
26-27	16.00	2.00	4.00	0.00	0.00	258.00
28-29	16.00	2.00	9.00	0.00	3.00	369.00

Mean Annual SST	Mean Winter SST	Mean Summer SST
18.87	14.43	24.23
19.47	14.85	24.80
19.39	15.14	24.21
18.71	14.14	23.73
18.48	14.36	23.15
17.27	13.28	21.69
17.35	13.49	21.70
16.63	12.89	21.12
16.47	12.85	20.81
16.40	12.87	20.49
16.24	12.87	20.03
17.20	13.55	21.27
18.13	14.16	22.59
17.73	13.82	22.13
16.34	13.05	20.47
17.62	13.85	22.16
17.94	14.44	22.34
17.68	14.37	21.84

Name: ODP 974B

Cruise: Joides Resolution

Position: Longitude: 12°08,515'E Latitude: 40°21,362'N

Region: Central Tyrrhenian Sea

Core Length: 198 meters

Water Depth: 3464.7 mbsf

Sediment Samples A (03-04 to 30-31cm)							
Core	Drying Process			dry S wt g	PD Wt	Wet Sieving Process	
	Interval cm	PD Wt	PD+dry S wt			PD+dry S wt	>63µm wt g
ODP 974B	03-04	45.78	48.456	2.676	44.668	44.777	0.109
ODP 974B	06-07.5	45.788	49.166	3.378	45.347	45.416	0.069
ODP 974B	09-10	45.644	48.709	3.065	44.62	44.667	0.047
ODP 974B	12-13	46.665	no data	no data	45.231	45.276	0.045
ODP 974B	15-16.5	46.782	no data	no data	45.325	45.396	0.071
ODP 974B	18-19	46.724	no data	no data	45.361	45.506	0.145
ODP 974B	21-22	45.464	48.98	3.516	45.281	45.355	0.074
ODP 974B	24-25	46.871	49.52	2.649	44.685	44.846	0.161
ODP 974B	27-28	45.557	48.7	3.143	44.623	44.758	0.135
ODP 974B	30-31	46.642	49.579	2.937	44.625	44.665	0.04

Sediment Samples B (03-04 to 30-31cm)							
Core	Interval cm	PD Wt	PD+dry S wt	dry S wt g	PD Wt	PD+dry S wt	>63µm wt g
ODP 974B	03-04	46.643	49.174	2.531	45.232	45.315	0.083
ODP 974B	06-07.5	45.556	47.641	2.085	44.668	44.695	0.027
ODP 974B	09-10	45.464	48.07	2.606	45.326	45.339	0.013
ODP 974B	12-13	46.784	49.654	2.87	44.62	44.628	0.008
ODP 974B	15-16.5	46.871	49.865	2.994	44.675	44.702	0.027
ODP 974B	18-19	46.666	48.934	2.268	45.361	45.384	0.023
ODP 974B	21-22	46.725	48.59	1.865	44.617	44.626	0.009
ODP 974B	24-25	45.644	47.639	1.995	44.676	44.681	0.005
ODP 974B	27-28	45.788	47.556	1.768	45.268	45.283	0.015
ODP 974B	30-31	45.781	47.777	1.996	45.347	45.357	0.01

Interval	Depth	Split	G. truncat Sin. (L)	G. truncat Dex (R)	Total	Age Cal BP
03-04	3.5	1	141	6	147	1229.50
06-07.5	6.75	1	56	2	58	1330.41
09-10	9.5	1	10	3	13	1415.80
12-13	12.5	1	6	0	6	1508.95
15-16.5	15.75	1	16	3	19	1609.86
18-19	18.5	1	48	3	51	1695.25
21-22	21.5	1	5	0	5	1788.40
24-25	24.5	1	2	0	2	1881.55
27-28	27.5	1	1	0	1	1974.70
30-31	30.5	1	3	0	3	2067.85
33-34	33.5	1	39	1	40	2161.00
57-58	57.5	2	105	43	148	3673.50
60-61	60.5	1	53	61	114	4104.63
63-64	63.5	1	5	22	27	4535.75
66-67.5	66.75	1	4	27	31	5002.80
69-70	69.5	1	2	79	81	5398.00
72-73.5	72.75	1	11	43	54	5834.22
75-76.5	75.75	1	7	14	21	6236.89
78-79	78.5	1	3	4	7	6606.00
81-82	81.5	1	12	0	12	7008.67
84-85	84.5	1	13	1	14	7411.33
87-88	87.5	4	1	0	1	7814.00
90-91	90.5	4	2	2	4	8216.67
93-94	93.5	4	1	0	1	8619.33
96-97.5	96.75	2	6	1	7	9055.56
99-100	99.5	2	7	0	7	9424.67

Depth	Split (fraction)	ruber (w)	ruber (p)	truncat (s)	truncat (d)	truncat (sum)	universa	siphonifera
3.5	8	123	11	30	1	31	15	17
6.75	2	69	7	7	21	28	18	27
9.5	1	55	7	10	4	14	6	10
12.5	1	52	3	7	0	7	7	9
15.75	1	136	36	22	3	25	21	33
18.5	4	82	3	15	2	17	11	18
21.5	1	13	0	5	0	5	3	3
24.5	1	16	0	2	0	2	2	2
27.5	1	11	1	1	0	1	1	0
30.5	1	27	0	4	0	4	5	8
33.5	2	238	23	20	2	22	8	24
57.5	16	188	10	17	4	21	22	32
60.5	8	137	17	10	7	17	23	26
63.5	2	112	9	1	15	16	18	22
66.5	2							
69.5	32	137	4	0	2	2	31	34
72.75	32	74	5	0	0	0	15	16
75.75	16	55	0	0	1	1	9	17
78.5	2	44	3	3	2	5	7	7
87.5	64	75	6	1	0	1	15	22

Depth	Split (fraction)	calida	sacculifer	glutinata	inflata	bulloides	pachy (d)	pachy (s)	rubescens
3.5	8	0	3	0	10	130	5	0	0
6.75	2	0	1	10	5	83	5	0	1
9.5	1	0	1	2	7	37	5	0	1
12.5	1	0	0	0	4	23	1	0	0
15.75	1	0	3	13	18	132	10	0	3
18.5	4	0	2	11	8	99	1	0	4
21.5	1	0	0	0	7	9	9	0	0
24.5	1	0	0	5	1	10	1	0	0
27.5	1	0	1	3	0	5	0	0	0
30.5	1	0	1	3	6	16	6	0	1
33.5	2	0	1	33	14	121	7	0	4
57.5	16	0	30	24	20	68	3	0	0
60.5	8	0	7	57	13	125	14	0	4
63.5	2	0	4	29	10	117	19	1	0
66.5	2	0							
69.5	32	0	2	63	31	97	315	1	4
72.75	32	0	2	29	36	77	266	0	0
75.75	16	0	1	20	40	36	263	3	1
78.5	2	0	0	11	8	27	117	3	0
87.5	64	0	10	16	87	49	80	0	4

Depth	Split (fraction)	tenella	digitata	quinq	scitula	indet	falconensis	anfracta
3.5	8	1	3	2	0	4	0	0
6.75	2	1	0	0	0	0	0	1
9.5	1	0	5	0	0	0	0	0
12.5	1	0	0	0	0	0	0	0
15.75	1	0	2	5	2	0	0	0
18.5	4	1	4	1	0	0	0	0
21.5	1	0	5	0	1	0	0	0
24.5	1	0	0	0	0	0	0	0
27.5	1	0	0	0	1	0	0	0
30.5	1	0	2	0	0	0	0	0
33.5	2	0	9	6	5	0	1	0
57.5	16	0	4	4	0	0	0	0
60.5	8	1	3	9	0	0	0	0
63.5	2	0	3	13	9	0	0	0
66.5	2							
69.5	32	0	0	0	0	0	0	0
72.75	32	0	5	7	0	0	0	0
75.75	16	0	0	5	0	0	0	0
78.5	2	0	0	0	1	0	0	0
87.5	64	2	16	1	1	0	0	0

Depth	Split (fraction)	unidentified	SPRUDTS	Benthics	Total excl benthics	Total incl benthics	Age Cal BP
3.5	8	0	39	0	355	355	1229.50
6.75	2	4	48	2	260	262	1330.41
9.5	1	0	23	1	150	151	1415.80
12.5	1	0	16	1	106	107	1508.95
15.75	1	0	62	3	439	442	1609.86
18.5	4	0	40	6	262	268	1695.25
21.5	1	0	11	0	55	55	1788.40
24.5	1	0	4	0	39	39	1881.55
27.5	1	0	2	0	24	24	1974.70
30.5	1	2	17	2	81	83	2067.85
33.5	2	0	46	6	516	522	2161.00
57.5	16	0	88	2	426	428	3673.50
60.5	8	0	64	1	453	454	4104.63
63.5	2	0	47	4	382	386	4535.75
66.5	2		0		0	0	5002.80
69.5	32	0	71	1	721	722	5398.00
72.75	32	0	38	1	532	533	5834.22
75.75	16	0	28	1	451	452	6236.89
78.5	2	0	14	1	233	234	6606.00
87.5	64	0	69	1	385	386	7008.67

Annual Mean SST	Mean Summer SST	Mean Winter SST
18.82	24.00	14.39
19.12	24.43	14.66
19.22	24.66	14.30
19.57	24.82	15.26
19.11	24.25	14.76
18.83	24.05	14.39
18.72	24.77	13.15
18.67	23.87	14.41
19.25	24.37	15.35
19.39	24.79	14.70
19.15	24.32	14.64
20.11	25.27	15.52
18.60	23.78	14.20
18.54	23.69	14.21
17.09	21.37	13.40
16.42	20.61	12.80
16.33	20.36	12.83
16.86	21.20	13.16
18.93	24.17	14.31

Name: ODP 975B

Cruise: Joides Resolution

Position: Longitude: 04°30,596' E Longitude: 38°53,786' N

Region: South Balearic Margin

Core length: 317.1m

Water depth: 198m

Interval (cm)	pd wt + dry wt	pd wt	pd + dry wt	>63 wt
74-75	48.335	48.638	48.871	0.233
76-77	50.827	44.618	44.835	0.217
78-79	50.382	45.268	45.515	0.247
80-81	50.354	44.673	44.895	0.222
82-83	52.393	45.359	45.669	0.31
84-85	48.869	48.418	48.668	0.25
86-87	50.087	44.616	44.962	0.346
88-89	49.125	45.231	45.475	0.244
90-91	49.403	48.335	48.55	0.215
92-93	50.188	44.666	44.935	0.269
94-95	47.075	44.318	44.516	0.198
96-97	47.356	44.386	44.583	0.197
98-99.5	52.687	48.504	48.935	0.431

Interval	Depth	Split (fraction)	G. truncat Sin. (L)	G. truncat Dex (R)	Total	Age
1W 04-05	4.5	8	121	4	125	1049.75
1W 07-08	7.5	4	117	6	123	1749.58
1W 12-13	12.5	16	110	9	119	2667.61
1W 14-15	14.5	8	183	17	200	2992.24
1W 17-19	18	1	678	135	813	3560.35
1W 19-20	19.5	8	87	18	105	3803.83
1W 22-23	22.5	8	89	61	150	4290.78
1W 24-25	24.5	4	78	88	166	4615.41
1W 27-28	27.5	1	78	191	269	5102.37
1W 29-30	29.5	1	19	75	94	5345.84
1W 32-33	32.5	2	4	3	7	5893.40
1W 36-38	37	2	4	0	4	6593.00
1W 42-43	42.5	2	2	2	4	6968.77
1W 47-48	47.5	1	125	2	127	7310.38
1W 52-53	52.5	2	8	0	8	7839.53
1W 57-58	57.5	1	74	6	80	8806.28
1W 59-60	59.5	1	561	28	589	9192.98
1W 62-63	62.5	8+4	160	176	336	9773.03
1W 64-65	64.5	2	171	26	197	10159.73
1W 68-69	68.5	2	71	83	154	10933.13
1W 69-70	69.5	1	46	37	83	11126.48
1W 72-73	72.5	1	142	12	154	11706.53
1W 77-78	77.5	2	9	1	10	12673.28
1W 82-84	83	2	31	1	32	13736.70
1W 88-90	89	1	36	20	56	14896.80

Depth	Split	ruber (w)	ruber (p)	truncat (s)	truncat (d)	truncat (sum)	universa	siphonifera
4.5	32	83	8	31	1	32	14	11
7.5	32	62	17	28	0	28	6	16
12.5	16	80	27	53	4	57	12	24
14.5	32	67	23	36	4	40	23	20
18	32	59	16	28	3	31	4	8
19.5	32	46	14	17	4	21	10	9
22.5	16	127	19	34	22	56	13	11
24.5	32	84	8	13	12	25	8	5
27.5	32	103	20	4	3	7	6	28
32.5	32	82	14	0	1	1	12	10
34.5	32	121	11	0	0	0	25	15
37	32	125	13	1	0	1	9	14
39.5	32	74	8	0	0	0	14	12
42.5	32	99	14	0	0	0	6	10
44.5	32	113	10	10	1	11	15	18
47.5	32	77	8	5	0	5	16	16
49.5	32	99	5	0	0	0	12	17
52.5	64	98	6	0	0	0	11	13
54.5	32	114	7	0	0	0	21	20
57.5	32	212	10	4	0	4	8	18
59.5	32	110	24	10	2	12	13	2
62.5	32	99	2	21	2	23	4	7
64.5	32	132	5	13	4	17	1	1
68.5	16	118	0	7	5	12	0	3
69.5	8	70	3	8	5	13	0	2
72.5	16	67	2	5	1	6	0	3
74.5	32	38	0	0	0	0	1	0
77.5	64	25	0	2	0	2	0	2
79.5	32	32	0	3	0	3	2	0
83	64	41	0	1	0	1	1	2
89	32	81	1	2	1	3	3	4
92.5	32	8	0	0	0	0	1	4

Depth	Split	calida	sacculifer	glutinata	inflata	bulloides	pachy (d)	pachy (s)	rubescens
4.5	32	0	8	3	72	81	42	0	0
7.5	32	0	15	9	62	76	33	0	3
12.5	16	0	21	20	111	80	38	0	4
14.5	32	0	18	17	121	65	20	0	3
18	32	3	28	17	80	63	14	1	5
19.5	32	0	16	6	73	38	8	0	0
22.5	16	2	15	33	107	115	43	0	5
24.5	32	0	6	14	79	63	28	0	0
27.5	32	0	3	41	67	96	75	1	1
32.5	32	2	2	45	94	64	63	2	4
34.5	32	0	1	27	136	85	104	0	3
37	32	0	4	16	115	98	116	2	2
39.5	32	0	6	21	91	51	60	0	1
42.5	32	0	7	20	65	81	72	1	0
44.5	32	0	16	18	91	61	87	0	3
47.5	32	0	15	20	61	59	34	1	0
49.5	32	0	19	22	66	53	74	0	5
52.5	64	0	4	40	81	81	71	1	1
54.5	32	0	3	25	77	52	15	0	4
57.5	32	0	7	46	127	142	12	0	0
59.5	32	0	14	18	153	68	4	0	0
62.5	32	0	3	28	80	77	7	0	0
64.5	32	0	0	28	111	98	28	1	10
68.5	16	0	0	21	99	114	33	1	1
69.5	8	0	0	37	61	42	32	0	7
72.5	16	0	0	25	65	61	7	0	1
74.5	32	0	0	84	91	77	207	0	3
77.5	64	0	0	94	32	108	103	1	0
79.5	32	0	0	67	41	100	156	0	0
83	64	0	1	56	41	90	78	2	0
89	32	0	0	32	63	121	82	1	1
92.5	32	0	0	55	7	102	79	2	0

Split	ruber (w)	tenella	digitata	conglob	quinq	scitula	SPRUDTS
32	83	0	0	0	0	0	33
32	62	0	0	0	0	0	40
16	80	4	0	1	0	0	65
32	67	0	2	0	0	0	66
32	59	3	0	0	1	0	48
32	46	1	3	0	0	0	39
16	127	4	1	0	2	0	49
32	84	0	0	0	1	0	19
32	103	3	0	0	2	0	41
32	82	3	0	0	3	0	31
32	121	0	0	0	5	0	44
32	125	0	0	0	5	0	29
32	74	0	0	0	5	0	33
32	99	0	0	0	4	0	23
32	113	0	0	0	5	0	52
32	77	0	0	0	8	1	47
32	99	0	0	0	6	2	53
64	98	2	0	1	5	1	31
32	114	1	1	0	2	1	50
32	212	1	0	0	7	6	34
32	110	0	0	0	3	8	29
32	99	0	0	0	5	9	14
32	132	1	0	0	7	13	13
16	118	4	0	0	1	8	8
8	70	1	0	0	5	8	10
16	67	0	0	0	5	5	4
32	38	1	0	0	27	9	5
64	25	0	0	0	49	6	2
32	32	0	0	0	13	1	2
64	41	1	0	0	35	4	5
32	81	0	0	0	34	6	8
32	8	0	0	0	53	32	5

Depth	Split	indet	Benthics	total excl benthics	total incl benthics	Age (initial)
4.5	32	0	0	354	354	1049.75
7.5	32	0	0	327	327	1749.58
12.5	16	0	8	479	487	2667.61
14.5	32	0	0	419	419	2992.24
18	32	3	1	336	337	3560.35
19.5	32	0	0	245	245	3803.83
22.5	16	0	0	553	553	4290.78
24.5	32	0	0	321	321	4615.41
27.5	32	0	1	453	454	5102.37
32.5	32	0	5	401	406	5926.71
34.5	32	0	1	533	534	6259.86
37	32	0	3	520	523	6625.98
39.5	32	0	1	343	344	6790.90
42.5	32	0	4	379	383	6988.79
44.5	32	0	0	448	448	7120.72
47.5	32	0	3	321	324	7318.62
49.5	32	0	1	380	381	7450.55
52.5	64	0	6	416	422	7839.53
54.5	32	0	2	343	345	8226.23
57.5	32	0	4	600	604	8806.28
59.5	32	0	0	429	429	9192.98
62.5	32	0	1	344	345	9773.03
64.5	32	0	1	453	454	10159.73
68.5	16	0	4	415	419	10933.13
69.5	8	0	2	281	283	11126.48
72.5	16	0	1	247	248	11706.53
74.5	32	0	2	538	540	12093.23
77.5	64	0	5	422	427	12673.28
79.5	32	0	5	415	420	13059.98
83	64	0	4	353	357	13736.70
89	32	0	8	432	440	14896.8
92.5	32	0	2	343	345	15573.53

Annual Mean SST	Winter Mean SST	Summer Mean SST
18.8	14.6	23.7
19.2	15.0	23.9
19.6	15.3	24.3
19.3	14.9	24.3
19.6	15.3	24.3
19.6	15.1	24.6
18.9	14.6	23.9
18.7	14.6	23.5
18.6	14.6	23.2
18.0	14.3	22.6
18.2	14.4	22.8
18.3	14.4	22.7
18.4	14.6	22.9
18.3	14.4	22.7
18.9	14.8	23.5
18.9	14.8	23.6
19.0	15.1	23.5
18.4	14.7	22.6
19.2	15.2	24.4
18.8	15.0	23.6
19.1	15.3	23.9
18.6	14.7	23.5
18.5	14.9	23.3
18.4	14.8	23.2
18.0	14.5	22.6
18.1	14.5	22.6
13.3	11.3	16.0
10.3	8.9	12.4
12.5	10.5	15.1
13.0	10.8	15.8
16.1	12.7	20.0
11.3	10.4	13.2