Supplemental Material (Online Only)

location	Top(cm)	Bot(cm)	Species	d13C	d18O
MD01-239	2	3	G.ruber	1.348	-3.443
MD01-239	7	8	G.ruber	1.688	-3.049
MD01-239	12	13	G.ruber	1.293	-3.154
MD01-239	17	18	G.ruber	1.413	-3.042
MD01-239	22	23	G.ruber	1.368	-3.431
MD01-239	27	28	G.ruber	1.812	-3.399
MD01-239	32	33	G.ruber	1.398	-3.197
MD01-239	37	38	G.ruber	1.228	-3.106
MD01-239	42	43	G.ruber	1.724	-3.216
MD01-239	47	48	G.ruber	1.443	-3.092
MD01-239	52	53	G.ruber	1.396	-3.127
MD01-239	57	58	G.ruber	1.423	-3.126
MD01-239	62	63	G.ruber	1.391	-2.92
MD01-239	67	68	G.ruber	1.513	-3.189
MD01-239	72	73	G.ruber	1.452	-3.12
MD01-239	77	78	G.ruber	1.326	-2.952
MD01-239	82	83	G.ruber	1.545	-3.293
MD01-239	87	88	G.ruber	1.545	-3.111
MD01-239	92	93	G.ruber	1.567	-2.726
MD01-239	97	98	G.ruber	1.219	-2.914
MD01-239	102	103	G.ruber	1.614	-2.824
MD01-239	107	108	G.ruber	1.685	-3.443
MD01-239	112	113	G.ruber	1.239	-3.254
MD01-239	117	118	G.ruber	1.497	-3.008
MD01-239	122	123	G.ruber	1.372	-3.273
MD01-239	127	128	G.ruber	1.553	-3.342
MD01-239	132	133	G.ruber	1.295	-2.907
MD01-239	137	138	G.ruber	1.672	-2.917
MD01-239	142	143	G.ruber	1.48	-3.132
MD01-239	147	148	G.ruber	1.333	-2.854
MD01-239	152	153	G.ruber	1.372	-3.363
MD01-239	157	158	G.ruber	1.688	-3.343
MD01-239	162	163	G.ruber	1.445	-3.337
MD01-239	167	168	G.ruber	1.134	-3.273
MD01-239	172	173	G.ruber	1.336	-3.266

MD01-239	177	178	G.ruber	1.665	-3.028
MD01-239	182	183	G.ruber	0.937	-3.521
MD01-239	187	188	G.ruber	1.28	-2.907
MD01-239	192	193	G.ruber	1.401	-3.182
MD01-239	197	198	G.ruber	0.921	-2.629
MD01-239	202	203	G.ruber	0.812	-3.27
MD01-239	207	208	G.ruber	1.368	-3.117
MD01-239	212	213	G.ruber	0.909	-2.839
MD01-239	217	218	G.ruber	1.062	-3.523
MD01-239	222	223	G.ruber	0.989	-2.937
MD01-239	227	228	G.ruber	1.049	-2.915
MD01-239	232	233	G.ruber	1.071	-3.141
MD01-239	237	238	G.ruber	0.9	-2.495
MD01-239	242	243	G.ruber	1.022	-2.615
MD01-239	247	248	G.ruber	1.064	-2.62
MD01-239	252	253	G.ruber	1.076	-2.894
MD01-239	257	258	G.ruber	1.068	-2.713
MD01-239	262	263	G.ruber	0.935	-2.36
MD01-239	267	268	G.ruber	0.883	-2.713
MD01-239	272	273	G.ruber	0.909	-2.247
MD01-239	277	278	G.ruber	1.001	-2.193
MD01-239	282	283	G.ruber	1.012	-2.75
MD01-239	287	288	G.ruber	1.201	-2.022
MD01-239	292	293	G.ruber	1.34	-2.238
MD01-239	297	298	G.ruber	1.211	-2.687
MD01-239	302	303	G.ruber	1.02	-2.083
MD01-239	307	308	G.ruber	0.794	-2.331
MD01-239	312	313	G.ruber	1.082	-1.891
MD01-239	317	318	G.ruber	1.176	-2.017
MD01-239	322	323	G.ruber	1	-1.331
MD01-239	327	328	G.ruber	1.313	-2.032
MD01-239	332	333	G.ruber	0.842	-1.414
MD01-239	337	338	G.ruber	0.988	-1.585
MD01-239	342	343	G.ruber	1.105	-1.781
MD01-239	347	348	G.ruber	1.284	-1.538
MD01-239	352	353	G.ruber	1.118	-1.816

MD01-239	357	358	G.ruber	1.033	-1.692
MD01-239	362	363	G.ruber	0.927	-1.666
MD01-239	367	368	G.ruber	1.065	-1.311
MD01-239	372	373	G.ruber	1.353	-1.952
MD01-239	377	378	G.ruber	1.539	-1.92
MD01-239	382	383	G.ruber	1.439	-1.918
MD01-239	387	388	G.ruber	1.254	-1.579
MD01-239	392	393	G.ruber	1.311	-1.99
MD01-239	397	398	G.ruber	1.187	-1.52
MD01-239	402	403	G.ruber	0.994	-1.915
MD01-239	407	408	G.ruber	1.203	-1.774
MD01-239	412	413	G.ruber	1.346	-1.833
MD01-239	417	418	G.ruber	1.37	-2.173
MD01-239	422	423	G.ruber	1.002	-1.742
MD01-239	427	428	G.ruber	1.191	-1.905
MD01-239	432	433	G.ruber	1.061	-1.883
MD01-239	437	438	G.ruber	1.119	-1.551
MD01-239	442	443	G.ruber	1.109	-1.76
MD01-239	447	448	G.ruber	1.324	-1.8
MD01-239	452	453	G.ruber	1.22	-2.218
MD01-239	457	458	G.ruber	1.029	-2.355
MD01-239	462	463	G.ruber	1.013	-1.647
MD01-239	467	468	G.ruber	1.191	-1.919
MD01-239	472	473	G.ruber	1.052	-1.862
MD01-239	477	478	G.ruber	1.081	-1.897
MD01-239	482	483	G.ruber	1.518	-1.793
MD01-239	487	488	G.ruber	1.452	-2.261
MD01-239	492	493	G.ruber	1.103	-1.408
MD01-239	497	498	G.ruber	1.135	-1.701
MD01-239	502	503	G.ruber	1.328	-1.491
MD01-239	507	508	G.ruber	1.217	-1.685
MD01-239	512	513	G.ruber	1.225	-1.399
MD01-239	517	518	G.ruber	1.423	-2.207
MD01-239	522	523	G.ruber	1.26	-1.785
MD01-239	527	528	G.ruber	1.398	-1.566
MD01-239	532	533	G.ruber	1.259	-1.733

MD01-239	537	538	G.ruber	1.422	-2.148
MD01-239	542	543	G.ruber	1.553	-2.107
MD01-239	547	548	G.ruber	0.965	-1.631
MD01-239	552	553	G.ruber	1.346	-2.246
MD01-239	557	558	G.ruber	1.269	-1.843
MD01-239	562	563	G.ruber	1.216	-2.105
MD01-239	567	568	G.ruber	1.527	-1.595
MD01-239	572	573	G.ruber	1.359	-1.589
MD01-239	577	578	G.ruber	1.155	-1.662
MD01-239	582	583	G.ruber	1.549	-2.149
MD01-239	587	588	G.ruber	1.43	-2.284
MD01-239	592	593	G.ruber	1.331	-1.897
MD01-239	597	598	G.ruber	1.393	-2.091
MD01-239	602	603	G.ruber	1.323	-2.16
MD01-239	607	608	G.ruber	1.258	-1.588
MD01-239	612	613	G.ruber	1.309	-2.318
MD01-239	617	618	G.ruber	1.296	-2.361
MD01-239	622	623	G.ruber	1.395	-1.64
MD01-239	627	628	G.ruber	1.237	-2.309
MD01-239	632	633	G.ruber	1.251	-2.1
MD01-239	637	638	G.ruber	1.267	-1.887
MD01-239	642	643	G.ruber	1.521	-1.872
MD01-239	647	648	G.ruber	1.228	-1.963
MD01-239	652	653	G.ruber	1.216	-1.959
MD01-239	657	658	G.ruber	1.361	-2.157
MD01-239	662	663	G.ruber	1.574	-2.119
MD01-239	667	668	G.ruber	1.259	-1.808
MD01-239	672	673	G.ruber	1.398	-1.753
MD01-239	677	678	G.ruber	1.315	-1.705
MD01-239	682	683	G.ruber	1.236	-1.836
MD01-239	684	685	G.ruber	1.25	-1.972
MD01-239	692	693	G.ruber	1.146	-1.689
MD01-239	697	698	G.ruber	1.435	-1.934
MD01-239	702	703	G.ruber	1.523	-1.875
MD01-239	707	708	G.ruber	1.428	-2.016
MD01-239	712	713	G.ruber	1.445	-2.203

MD01-239	717	718	G.ruber	1.15	-2.203
MD01-239	722	723	G.ruber	1.268	-1.911
MD01-239	727	728	G.ruber	1.424	-1.893
MD01-239	732	733	G.ruber	1.431	-2.074
MD01-239	737	738	G.ruber	1.479	-1.293
MD01-239	742	743	G.ruber	1.312	-2.122
MD01-239	747	748	G.ruber	1.28	-2.032
MD01-239	752	753	G.ruber	1.525	-2.184
MD01-239	757	758	G.ruber	1.329	-2.132
MD01-239	762	763	G.ruber	1.491	-2.709
MD01-239	767	768	G.ruber	1.254	-2.023
MD01-239	772	773	G.ruber	1.383	-2.137
MD01-239	777	778	G.ruber	1.322	-2.087
MD01-239	782	783	G.ruber	1.2985	-2.5885
MD01-239	787	788	G.ruber	1.308	-2.6925
MD01-239	792	793	G.ruber	1.477	-2.611
MD01-239	797	798	G.ruber	1.599	-2.789
MD01-239	802	803	G.ruber	1.288	-2.456
MD01-239	807	808	G.ruber	1.212	-2.111
MD01-239	812	813	G.ruber	1.233	-2.426
MD01-239	817	818	G.ruber	1.294	-2.077
MD01-239	822	823	G.ruber	1.554	-2.304
MD01-239	827	828	G.ruber	1.531	-2.352
MD01-239	832	833	G.ruber	1.215	-2.314
MD01-239	837	838	G.ruber	1.293	-2.337
MD01-239	842	843	G.ruber	1.462	-2.738
MD01-239	845	846	G.ruber	1.693	-2.64
MD01-239	852	853	G.ruber	1.426	-2.251
MD01-239	857	858	G.ruber	1.363	-1.991
MD01-239	862	863	G.ruber	1.357	-2.339
MD01-239	867	868	G.ruber	1.297	-2.272
MD01-239	872	873	G.ruber	1.175	-1.927
MD01-239	877	878	G.ruber	1.25	-2.17
MD01-239	882	883	G.ruber	1.4075	-2.6435
MD01-239	887	888	G.ruber	1.333	-2.127
MD01-239	892	893	G.ruber	1.3215	-2.6025

MD01-239	897	898	G.ruber	1.383	-2.333
MD01-239	902	903	G.ruber	1.478	-2.467
MD01-239	907	908	G.ruber	1.063	-2.016
MD01-239	912	913	G.ruber	1.299	-2.317
MD01-239	917	918	G.ruber	1.371	-2.462
MD01-239	922	923	G.ruber	1.418	-2.155
MD01-239	927	928	G.ruber	1.222	-2.004
MD01-239	932	933	G.ruber	1.604	-2.654
MD01-239	937	938	G.ruber	1.047	-2.08
MD01-239	942	943	G.ruber	1.339	-2.298
MD01-239	947	948	G.ruber	1.336	-2.322
MD01-239	952	953	G.ruber	1.538	-2.121
MD01-239	957	958	G.ruber	1.271	-2.639
MD01-239	962	963	G.ruber	1.318	-2.4325
MD01-239	967	968	G.ruber	1.217	-2.603
MD01-239	972	973	G.ruber	1.286	-2.29
MD01-239	977	978	G.ruber	1.352	-2.727
MD01-239	982	983	G.ruber	1.344	-2.886
MD01-239	987	988	G.ruber	1.305	-2.581
MD01-239	992	993	G.ruber	1.044	-2.357
MD01-239	997	998	G.ruber	1.087	-2.115
MD01-239	1002	1003	G.ruber	1.189	-2.584
MD01-239	1007	1008	G.ruber	1.268	-2.745
MD01-239	1012	1013	G.ruber	1.398	-2.632
MD01-239	1017	1018	G.ruber	1.167	-2.93
MD01-239	1022	1023	G.ruber	0.637	-2.505
MD01-239	1027	1028	G.ruber	1.116	-2.502
MD01-239	1032	1033	G.ruber	1.163	-2.231
MD01-239	1037	1038	G.ruber	0.912	-2.512
MD01-239	1042	1043	G.ruber	0.751	-2.682
MD01-239	1047	1048	G.ruber	1.04	-2.057
MD01-239	1052	1053	G.ruber	0.77	-1.923
MD01-239	1057	1058	G.ruber	0.591	-1.66
MD01-239	1062	1063	G.ruber	0.586	-1.818
MD01-239	1067	1068	G.ruber	0.472	-2.011
MD01-239	1072	1073	G.ruber	0.718	-2.042

MD01-239	1077	1078	G.ruber	0.617	-1.625
MD01-239	1082	1083	G.ruber	0.863	-2.079
MD01-239	1087	1088	G.ruber	0.45	-1.654
MD01-239	1092	1093	G.ruber	0.446	-1.695
MD01-239	1097	1098	G.ruber	0.512	-1.572
MD01-239	1102	1103	G.ruber	0.923	-2.587
MD01-239	1107	1108	G.ruber	0.718	-2.468
MD01-239	1112	1113	G.ruber	0.632	-2.213
MD01-239	1117	1118	G.ruber	0.521	-2.371
MD01-239	1122	1123	G.ruber	0.436	-2.169
MD01-239	1127	1128	G.ruber	0.803	-2.471
MD01-239	1132	1133	G.ruber	0.816	-2.407
MD01-239	1137	1138	G.ruber	0.979	-2.375
MD01-239	1142	1143	G.ruber	1.093	-2.356
MD01-239	1147	1148	G.ruber	0.759	-2.078
MD01-239	1152	1153	G.ruber	0.681	-2.399
MD01-239	1157	1158	G.ruber	0.884	-2.111
MD01-239	1162	1163	G.ruber	0.737	-1.991
MD01-239	1167	1168	G.ruber	0.712	-2.417
MD01-239	1172	1173	G.ruber	0.402	-2.039
MD01-239	1177	1178	G.ruber	1.044	-2.363
MD01-239	1182	1183	G.ruber	1.178	-2.421
MD01-239	1187	1188	G.ruber	0.854	-2.815
MD01-239	1192	1193	G.ruber	1.127	-2.282
MD01-239	1197	1198	G.ruber	0.834	-2.36
MD01-239	1202	1203	G.ruber	0.833	-2.578
MD01-239	1207	1208	G.ruber	0.828	-2.319
MD01-239	1212	1213	G.ruber	0.931	-2.803
MD01-239	1217	1218	G.ruber	0.911	-2.77
MD01-239	1222	1223	G.ruber	1.023	-2.626
MD01-239	1227	1228	G.ruber	1.078	-2.193
MD01-239	1232	1233	G.ruber	0.988	-2.587
MD01-239	1237	1238	G.ruber	0.848	-2.376
MD01-239	1242	1243	G.ruber	0.941	-2.676
MD01-239	1247	1248	G.ruber	1.098	-2.725
MD01-239	1252	1253	G.ruber	0.826	-3

MD01-239	1257	1258	G.ruber	0.644	-2.841
MD01-239	1267	1268	G.ruber	0.977	-2.847
MD01-239	1272	1273	G.ruber	0.727	-2.661
MD01-239	1277	1278	G.ruber	0.735	-2.759
MD01-239	1282	1283	G.ruber	1.137	-2.663
MD01-239	1287	1288	G.ruber	0.739	-2.738
MD01-239	1292	1293	G.ruber	0.793	-2.849
MD01-239	1297	1298	G.ruber	0.932	-2.725
MD01-239	1302	1303	G.ruber	1.125	-3.372
MD01-239	1307	1308	G.ruber	0.546	-2.782
MD01-239	1312	1313	G.ruber	0.379	-3.126
MD01-239	1317	1318	G.ruber	0.359	-3.096
MD01-239	1322	1323	G.ruber	0.768	-2.41
MD01-239	1327	1328	G.ruber	0.778	-3.195
MD01-239	1337	1338	G.ruber	0.776	-3.619
MD01-239	1342	1343	G.ruber	0.827	-3.149
MD01-239	1347	1348	G.ruber	0.642	-2.486
MD01-239	1352	1353	G.ruber	0.682	-2.666
MD01-239	1357	1358	G.ruber	1.04	-2.403
MD01-239	1362	1363	G.ruber	1.15	-2.866
MD01-239	1367	1368	G.ruber	0.929	-2.358
MD01-239	1372	1373	G.ruber	0.877	-2.85
MD01-239	1377	1378	G.ruber	1.169	-3.036
MD01-239	1382	1383	G.ruber	1.208	-2.73
MD01-239	1387	1388	G.ruber	1.383	-3.062
MD01-239	1392	1393	G.ruber	0.554	-2.821
MD01-239	1397	1398	G.ruber	0.879	-2.863
MD01-239	1402	1403	G.ruber	0.938	-2.642
MD01-239	1407	1408	G.ruber	0.839	-2.668
MD01-239	1412	1413	G.ruber	1.209	-2.449
MD01-239	1417	1418	G.ruber	1.081	-2.398
MD01-239	1422	1423	G.ruber	1.1	-2.461
MD01-239	1427	1428	G.ruber	0.633	-2.702
MD01-239	1432	1433	G.ruber	0.675	-2.875
MD01-239	1437	1438	G.ruber	0.972	-2.97
MD01-239	1442	1443	G.ruber	0.873	-3.163

MD01-239	1447	1448	G.ruber	0.889	-2.988
MD01-239	1452	1453	G.ruber	0.847	-2.817
MD01-239	1457	1458	G.ruber	0.622	-3.362
MD01-239	1462	1463	G.ruber	0.726	-3.173
MD01-239	1467	1468	G.ruber	0.561	-3.091
MD01-239	1472	1473	G.ruber	0.887	-2.655
MD01-239	1477	1478	G.ruber	0.747	-2.473
MD01-239	1482	1483	G.ruber	0.341	-2.914
MD01-239	1487	1488	G.ruber	1.275	-2.533
MD01-239	1492	1493	G.ruber	0.428	-3.199
MD01-239	1497	1498	G.ruber	0.399	-3.185
MD01-239	1502	1503	G.ruber	0.753	-2.719
MD01-239	1507	1508	G.ruber	0.452	-3.487
MD01-239	1512	1513	G.ruber	0.81	-2.973
MD01-239	1517	1518	G.ruber	0.88	-3.136
MD01-239	1523	1524	G.ruber	0.868	-2.829
MD01-239	1527	1528	G.ruber	0.824	-2.425
MD01-239	1532	1533	G.ruber	1.023	-2.73
MD01-239	1537	1538	G.ruber	0.758	-2.746
MD01-239	1542	1543	G.ruber	0.863	-2.624
MD01-239	1547	1548	G.ruber	0.8	-2.57
MD01-239	1552	1553	G.ruber	0.381	-2.984
MD01-239	1557	1558	G.ruber	1.02	-2.865
MD01-239	1562	1563	G.ruber	0.795	-2.643
MD01-239	1567	1568	G.ruber	0.752	-2.783
MD01-239	1572	1573	G.ruber	0.7	-2.917
MD01-239	1577	1578	G.ruber	0.996	-2.633
MD01-239	1582	1583	G.ruber	0.745	-2.874
MD01-239	1587	1588	G.ruber	0.581	-3.105
MD01-239	1592	1593	G.ruber	1.017	-2.809
MD01-239	1597	1598	G.ruber	0.775	-3.126
MD01-239	1602	1603	G.ruber	0.755	-3.246
MD01-239	1612	1613	G.ruber	0.447	-3.077
MD01-239	1622	1623	G.ruber	1.091	-3.368
MD01-239	1632	1633	G.ruber	0.816	-3.508
MD01-239	1642	1643	G.ruber	0.441	-2.928

MD01-239	1652	1653	G.ruber	0.098	-2.419
MD01-239	1662	1663	G.ruber	-0.15	-3.104
MD01-239	1672	1673	G.ruber	0.138	-2.609
MD01-239	1682	1683	G.ruber	0.569	-1.908
MD01-239	1692	1693	G.ruber	0.665	-2.113
MD01-239	1702	1703	G.ruber	0.819	-1.885
MD01-239	1712	1713	G.ruber	0.771	-1.691
MD01-239	1722	1723	G.ruber	0.771	-1.652
MD01-239	1732	1733	G.ruber	0.791	-1.784
MD01-239	1742	1743	G.ruber	0.585	-1.773
MD01-239	1752	1753	G.ruber	0.781	-2.022
MD01-239	1762	1763	G.ruber	0.933	-1.845
MD01-239	1772	1773	G.ruber	0.71	-1.423
MD01-239	1782	1783	G.ruber	0.883	-1.689
MD01-239	1792	1793	G.ruber	0.871	-1.928
MD01-239	1802	1803	G.ruber	0.849	-1.857
MD01-239	1812	1813	G.ruber	0.461	-1.996
MD01-239	1822	1823	G.ruber	0.43	-2.014
MD01-239	1832	1833	G.ruber	0.406	-1.745
MD01-239	1842	1843	G.ruber	0.792	-1.509
MD01-239	1852	1853	G.ruber	0.969	-2.134
MD01-239	1862	1863	G.ruber	1.033	-1.813
MD01-239	1872	1873	G.ruber	0.781	-2.063
MD01-239	1882	1883	G.ruber	0.855	-1.974
MD01-239	1892	1893	G.ruber	0.852	-1.644
MD01-239	1902	1903	G.ruber	0.524	-2.356
MD01-239	1912	1913	G.ruber	0.352	-1.613
MD01-239	1922	1923	G.ruber	0.356	-1.683
MD01-239	1932	1933	G.ruber	0.671	-1.883
MD01-239	1942	1943	G.ruber	0.981	-1.76
MD01-239	1952	1953	G.ruber	1.069	-2.104
MD01-239	1962	1963	G.ruber	1.004	-2.078
MD01-239	1972	1973	G.ruber	1.028	-2.375
MD01-239	1982	1983	G.ruber	0.46	-2.677
MD01-239	1992	1993	G.ruber	0.44	-2.17
MD01-239	2002	2003	G.ruber	1.12	-2.967

MD01-239	2012	2013	G.ruber	0.371	-2.626
MD01-239	2022	2023	G.ruber	0.556	-2.356
MD01-239	2032	2033	G.ruber	0.608	-2.255
MD01-239	2042	2043	G.ruber	0.472	-1.931
MD01-239	2052	2053	G.ruber	1.007	-3.134
MD01-239	2062	2063	G.ruber	0.537	-2.027
MD01-239	2072	2073	G.ruber	0.625	-2.207
MD01-239	2082	2083	G.ruber	0.742	-2.23
MD01-239	2092	2093	G.ruber	0.74	-2.527
MD01-239	2102	2103	G.ruber	0.84	-2.284
MD01-239	2112	2113	G.ruber	0.708	-2.296
MD01-239	2122	2123	G.ruber	0.727	-2.558
MD01-239	2132	2133	G.ruber	0.894	-1.86
MD01-239	2142	2143	G.ruber	0.354	-2.366
MD01-239	2152	2153	G.ruber	1.058	-2.743
MD01-239	2162	2163	G.ruber	0.624	-2.635
MD01-239	2172	2173	G.ruber	0.953	-2.262
MD01-239	2182	2183	G.ruber	0.515	-2.024
MD01-239	2192	2193	G.ruber	0.843	-1.979
MD01-239	2202	2203	G.ruber	1.045	-2.334
MD01-239	2212	2213	G.ruber	0.696	-1.956
MD01-239	2222	2223	G.ruber	0.316	-2.194
MD01-239	2232	2233	G.ruber	0.929	-2.745
MD01-239	2242	2243	G.ruber	0.909	-2.389
MD01-239	2252	2253	G.ruber	1.134	-2.643
MD01-239	2262	2263	G.ruber	0.898	-2.516
MD01-239	2272	2273	G.ruber	1.013	-2.63
MD01-239	2282	2283	G.ruber	0.687	-2.741
MD01-239	2292	2293	G.ruber	0.74	-2.53
MD01-239	2302	2303	G.ruber	0.83	-3.034
MD01-239	2312	2313	G.ruber	0.643	-2.736
MD01-239	2322	2323	G.ruber	0.438	-3.058
MD01-239	2332	2333	G.ruber	0.446	-2.134
MD01-239	2342	2343	G.ruber	0.476	-2.393
MD01-239	2352	2353	G.ruber	0.57	-1.971
MD01-239	2362	2363	G.ruber	0.596	-2.1

MD01-239	2372	2373	G.ruber	0.658	-2.087
MD01-239	2382	2383	G.ruber	0.569	-2.113
MD01-239	2392	2393	G.ruber	0.633	-2.295
MD01-239	2402	2403	G.ruber	0.613	-2.695
MD01-239	2412	2413	G.ruber	0.388	-2.731
MD01-239	2422	2423	G.ruber	0.877	-2.532
MD01-239	2432	2433	G.ruber	0.776	-2.444
MD01-239	2442	2443	G.ruber	0.468	-2.573
MD01-239	2452	2453	G.ruber	0.931	-2.356
MD01-239	2462	2463	G.ruber	0.594	-2.468
MD01-239	2472	2473	G.ruber	1.112	-2.638
MD01-239	2482	2483	G.ruber	0.64	-2.373
MD01-239	2492	2493	G.ruber	1.028	-2.376
MD01-239	2502	2503	G.ruber	0.549	-2.52
MD01-239	2512	2513	G.ruber	0.844	-2.349
MD01-239	2522	2523	G.ruber	0.579	-2.145
MD01-239	2532	2533	G.ruber	0.739	-2.276
MD01-239	2542	2543	G.ruber	0.427	-2.073
MD01-239	2552	2553	G.ruber	0.589	-1.83
MD01-239	2562	2563	G.ruber	0.535	-2.585
MD01-239	2572	2573	G.ruber	1.029	-2.217
MD01-239	2582	2583	G.ruber	0.661	-2.083
MD01-239	2592	2593	G.ruber	0.838	-1.932
MD01-239	2602	2603	G.ruber	0.771	-2.045
MD01-239	2612	2613	G.ruber	0.258	-2.002
MD01-239	2622	2623	G.ruber	0.793	-2.083
MD01-239	2632	2633	G.ruber	0.918	-1.79
MD01-239	2642	2643	G.ruber	0.21	-2.138
MD01-239	2652	2653	G.ruber	0.57	-2.011
MD01-239	2662	2663	G.ruber	0.501	-2.593
MD01-239	2672	2673	G.ruber	0.59	-1.798
MD01-239	2682	2683	G.ruber	0.497	-1.697
MD01-239	2692	2693	G.ruber	0.936	-1.701
MD01-239	2702	2703	G.ruber	1.188	-2.212
MD01-239	2712	2713	G.ruber	0.886	-2.152
MD01-239	2722	2723	G.ruber	1.039	-2.213

MD01-239	2732	2733	G.ruber	1.052	-1.994
MD01-239	2752	2753	G.ruber	0.977	-2.366
MD01-239	2762	2763	G.ruber	0.781	-2.231
MD01-239	2772	2773	G.ruber	0.828	-2.468
MD01-239	2782	2783	G.ruber	0.767	-2.176
MD01-239	2792	2793	G.ruber	0.758	-2.432
MD01-239	2802	2803	G.ruber	0.807	-2.694
MD01-239	2812	2813	G.ruber	0.522	-2.784
MD01-239	2822	2823	G.ruber	0.951	-2.375
MD01-239	2832	2833	G.ruber	0.777	-2.558
MD01-239	2842	2843	G.ruber	0.728	-2.647
MD01-239	2852	2853	G.ruber	0.653	-2.797
MD01-239	2862	2863	G.ruber	0.875	-2.864
MD01-239	2872	2873	G.ruber	-0.168	-2.943
MD01-239	2882	2883	G.ruber	0.473	-2.528
MD01-239	2892	2893	G.ruber	0.671	-2.483
MD01-239	2902	2903	G.ruber	0.56	-2.042
MD01-239	2912	2913	G.ruber	0.628	-1.819
MD01-239	2922	2923	G.ruber	0.492	-2.542
MD01-239	2932	2933	G.ruber	0.531	-2.149
MD01-239	2942	2943	G.ruber	0.764	-2.185
MD01-239	2952	2953	G.ruber	0.809	-2.288
MD01-239	2962	2963	G.ruber	0.935	-2.002
MD01-239	2972	2973	G.ruber	0.844	-2.589
MD01-239	2982	2983	G.ruber	0.513	-2.401
MD01-239	2992	2993	G.ruber	0.633	-2.462
MD01-239	3002	3003	G.ruber	0.807	-2.839
MD01-239	3012	3013	G.ruber	0.778	-2.584
MD01-239	3022	3023	G.ruber	0.956	-1.927
MD01-239	3032	3033	G.ruber	0.682	-2.708
MD01-239	3042	3043	G.ruber	0.607	-2.258
MD01-239	3052	3053	G.ruber	-0.005	-3.409
MD01-239	3062	3063	G.ruber	0.815	-2.615
MD01-239	3072	3073	G.ruber	0.705	-1.926
MD01-239	3082	3083	G.ruber	0.903	-2.251
MD01-239	3092	3093	G.ruber	1.011	-1.836

MD01-239	3102	3103	G.ruber	0.672	-2.659
MD01-239	3112	3113	G.ruber	0.867	-2.401
MD01-239	3122	3123	G.ruber	0.797	-2.817
MD01-239	3132	3133	G.ruber	0.615	-2.686
MD01-239	3142	3143	G.ruber	0.986	-2.567
MD01-239	3152	3153	G.ruber	0.613	-3.082
MD01-239	3162	3163	G.ruber	0.147	-2.774
MD01-239	3172	3173	G.ruber	0.623	-2.752
MD01-239	3182	3183	G.ruber	0.46	-2.811
MD01-239	3192	3193	G.ruber	0.096	-2.589
MD01-239	3202	3203	G.ruber	0.19	-2.6
MD01-239	3212	3213	G.ruber	-0.126	-2.167
MD01-239	3222	3223	G.ruber	0.107	-1.863
MD01-239	3232	3233	G.ruber	0.11	-1.875
MD01-239	3242	3243	G.ruber	0.378	-1.554
MD01-239	3252	3253	G.ruber	0.508	-2.206
MD01-239	3262	3263	G.ruber	0.669	-1.711
MD01-239	3272	3273	G.ruber	0.506	-1.843
MD01-239	3282	3283	G.ruber	0.511	-2.011
MD01-239	3292	3293	G.ruber	0.715	-1.756
MD01-239	3302	3303	G.ruber	0.562	-2.122
MD01-239	3312	3313	G.ruber	0.605	-1.759
MD01-239	3322	3323	G.ruber	0.622	-2.308
MD01-239	3332	3333	G.ruber	0.495	-1.916
MD01-239	3342	3343	G.ruber	0.415	-1.853
MD01-239	3352	3353	G.ruber	0.927	-2.064
MD01-239	3362	3363	G.ruber	0.625	-1.624
MD01-239	3372	3373	G.ruber	0.696	-2.675
MD01-239	3382	3383	G.ruber	1.096	-2.353
MD01-239	3392	3393	G.ruber	0.394	-2.43
MD01-239	3402	3403	G.ruber	0.66	-2.619
MD01-239	3412	3413	G.ruber	0.928	-1.875
MD01-239	3422	3423	G.ruber	0.787	-2.139
MD01-239	3432	3433	G.ruber	0.652	-1.853
MD01-239	3442	3443	G.ruber	0.863	-2.442
MD01-239	3452	3453	G.ruber	0.821	-2.424

MD01-239	3462	3463	G.ruber	0.544	-2.576
MD01-239	3472	3473	G.ruber	0.554	-2.377
MD01-239	3482	3483	G.ruber	0.765	-2.154
MD01-239	3492	3493	G.ruber	0.587	-2.237
MD01-239	3502	3503	G.ruber	0.448	-2.903
MD01-239	3512	3513	G.ruber	0.598	-2.969
MD01-239	3522	3523	G.ruber	0.869	-2.361
MD01-239	3532	3533	G.ruber	0.763	-2.354
MD01-239	3542	3543	G.ruber	0.56	-2.635
MD01-239	3552	3553	G.ruber	0.71	-2.505
MD01-239	3562	3563	G.ruber	0.794	-2.682
MD01-239	3572	3573	G.ruber	0.807	-1.979
MD01-239	3582	3583	G.ruber	0.643	-3.104
MD01-239	3592	3593	G.ruber	0.825	-2.722
MD01-239	3602	3603	G.ruber	0.417	-2.711
MD01-239	3612	3613	G.ruber	0.538	-2.7173
MD01-239	3622	3623	G.ruber	0.787	-2.422
MD01-239	3632	3633	G.ruber	0.896	-2.634
MD01-239	3642	3643	G.ruber	1.028	-2.374
MD01-239	3652	3653	G.ruber	0.948	-2.929
MD01-239	3662	3663	G.ruber	1.147	-2.769
MD01-239	3672	3673	G.ruber	1.098	-2.778
MD01-239	3682	3683	G.ruber	0.793	-2.986
MD01-239	3692	3693	G.ruber	0.923	-3.194
MD01-239	3702	3703	G.ruber	1.109	-3.02
MD01-239	3712	3713	G.ruber	0.572	-2.892
MD01-239	3722	3723	G.ruber	0.886	-3.128
MD01-239	3732	3733	G.ruber	0.766	-3.012
MD01-239	3742	3743	G.ruber	0.29	-3.085
MD01-239	3752	3753	G.ruber	0.23	-2.901
MD01-239	3762	3763	G.ruber	0.574	-2.604
MD01-239	3772	3773	G.ruber	0.373	-3.03
MD01-239	3782	3783	G.ruber	0.694	-2.898
MD01-239	3792	3793	G.ruber	0.227	-2.992
MD01-239	3802	3803	G.ruber	-0.011	-2.438
MD01-239	3812	3813	G.ruber	0.274	-2.186

MD01-239	3822	3823	G.ruber	0.233	-1.647
MD01-239	3832	3833	G.ruber	0.872	-2.216
MD01-239	3842	3843	G.ruber	0.525	-2.097
MD01-239	3852	3853	G.ruber	0.591	-1.355
MD01-239	3862	3863	G.ruber	0.515	-1.982
MD01-239	3872	3873	G.ruber	0.497	-1.818
MD01-239	3882	3883	G.ruber	0.889	-1.976
MD01-239	3892	3893	G.ruber	0.54	-2.089
MD01-239	3902	3903	G.ruber	0.712	-2.089
MD01-239	3912	3913	G.ruber	0.652	-2.016
MD01-239	3922	3923	G.ruber	0.778	-2.442
MD01-239	3932	3933	G.ruber	0.682	-1.722
MD01-239	3942	3943	G.ruber	0.593	-2.272
MD01-239	3952	3953	G.ruber	1.001	-2.414
MD01-239	3962	3963	G.ruber	0.572	-2.026
MD01-239	3972	3973	G.ruber	0.542	-2.067
MD01-239	3982	3983	G.ruber	0.808	-1.987
MD01-239	3992	3993	G.ruber	0.941	-2.097
MD01-239	4002	4003	G.ruber	0.798	-2.159
MD01-239	4012	4013	G.ruber	0.58	-2.265
MD01-239	4022	4023	G.ruber	0.682	-1.958
MD01-239	4032	4033	G.ruber	0.804	-2.122
MD01-239	4042	4043	G.ruber	0.822	-2.366
MD01-239	4052	4053	G.ruber	1.113	-2.468
MD01-239	4062	4063	G.ruber	0.396	-2.722
MD01-239	4072	4073	G.ruber	0.805	-2.386
MD01-239	4082	4083	G.ruber	1.218	-2.221
MD01-239	4092	4093	G.ruber	0.702	-2.231
MD01-239	4102	4103	G.ruber	1.195	-3.027
MD01-239	4112	4113	G.ruber	0.528	-2.248
MD01-239	4122	4123	G.ruber	0.992	-2.055
MD01-239	4132	4133	G.ruber	0.996	-2.37
MD01-239	4142	4143	G.ruber	0.781	-2.535
MD01-239	4152	4153	G.ruber	1.157	-2.463
MD01-239	4162	4163	G.ruber	1.248	-2.582
MD01-239	4172	4173	G.ruber	1.33	-2.531

MD01-239	4182	4183	G.ruber	1.107	-2.396
MD01-239	4192	4193	G.ruber	1.356	-2.732
MD01-239	4202	4203	G.ruber	1.142	-2.635
MD01-239	4212	4213	G.ruber	1.16	-2.145
MD01-239	4222	4223	G.ruber	1.049	-2.402
MD01-239	4232	4233	G.ruber	1.041	-2.072
MD01-239	4242	4243	G.ruber	0.584	-2.563
MD01-239	4252	4253	G.ruber	1.095	-2.826
MD01-239	4262	4263	G.ruber	1.027	-2.363
MD01-239	4272	4273	G.ruber	0.797	-2.605
MD01-239	4282	4283	G.ruber	0.327	-2.713
MD01-239	4292	4293	G.ruber	0.552	-2.593
MD01-239	4302	4303	G.ruber	0.364	-3.168
MD01-239	4312	4313	G.ruber	0.862	-2.573

Supplemental Material (Online Only)

depth (cm)	coarse fraction measure	coarse fraction/g	1/N counted	specimens counted	sample weight (g)	Orbulina universa	Gs. conglomerosa
3	0.2736	0.032188	8	409	8.5	10	7
8	0.3776	0.044424	16	335	8.5	12	4
13	0.345	0.041566	16	306	8.3	16	7
18	0.5172	0.041376	16	362	12.5	14	8
23	0.5879	0.053445	16	364	11	9	12
28	0.3843	0.058227	16	371	6.6	6	11
33	0.6936	0.055488	32	409	12.5	17	12
38	0.7933	0.066108	32	335	12	15	3
43	0.6634	0.052651	32	514	12.6	7	8
48	0.4585	0.053941	16	322	8.5	8	7
53	0.4674	0.044514	8	617	10.5	13	8
58	0.7164	0.07916	32	348	9.05	13	4
63	0.542	0.051619	16	528	10.5	18	16
68	0.3654	0.05075	8	514	7.2	8	10
73	0.5285	0.05285	16	555	10	25	12
78	0.9278	0.062689	32	378	14.8	20	12
83	0.5473	0.071078	16	449	7.7	31	4
88	0.5925	0.064402	16	385	9.2	24	10
93	1.2349	0.077181	32	525	16	18	10
98	0.8478	0.065215	16	493	13	46	9
103	0.3007	0.066822	8	535	4.5	14	6
108	0.3526	0.076652	16	379	4.6	16	4
113	0.9781	0.080835	32	618	12.1	41	7
118	0.5693	0.065437	16	365	8.7	25	6
123	1.0293	0.073	32	419	14.1	34	7
128	0.9517	0.078653	32	550	12.1	85	21
133	0.7805	0.07805	32	456	10	4	12
138	0.6523	0.06523	32	439	10	20	15
143	0.5272	0.081108	16	581	6.5	63	7
148	0.8349	0.087884	32	639	9.5	45	3
153	0.8114	0.085411	32	593	9.5	36	6
158	0.6521	0.084688	16	770	7.7	54	13

163	0.5364	0.076629	32	350	7	28	7
168	0.833	0.0833	32	552	10	26	7
173	0.9496	0.081862	16	627	11.6	71	17
178	0.8864	0.092333	16	372	9.6	66	9
183	1.3372	0.106976	32	460	12.5	60	11
188	1.1324	0.091323	32	403	12.4	33	5
193	0.9336	0.084873	16	963	11	21	14
198	0.895	0.0716	32	645	12.5	19	11
203	0.7993	0.067737	32	627	11.8	7	15
208	0.571	0.062747	16	515	9.1	39	10
213	0.708	0.076957	32	391	9.2	16	1
218	0.5715	0.066453	16	460	8.6	28	13
223	0.5426	0.080985	16	528	6.7	13	9
228	0.1365	0.014072	32	332	9.7	18	9
233	0.5678	0.062396	16	365	9.1	48	3
238	0.6503	0.06503	32	487	10	35	13
243	0.806	0.080119	32	746	10.06	5	10
248	0.6991	0.062982	32	378	11.1	40	8
253	0.5027	0.065286	16	625	7.7	62	6
258	0.3663	0.0555	16	330	6.6	21	3
263	0.643	0.05063	16	822	12.7	41	6
268	0.8493	0.07583	16	728	11.2	67	6
273	0.5426	0.054098	16	801	10.03	32	8
278	1.0825	0.08457	32	558	12.8	32	6
283	0.58	0.061053	16	720	9.5	50	5
288	0.4547	0.056838	16	527	8	22	6
293	0.4532	0.052698	16	817	8.6	20	3
298	0.6235	0.054217	32	604	11.5	26	1
303	0.408	0.045333	16	409	9	41	4
308	0.4865	0.04865	16	529	10	18	7
313	0.3426	0.037648	16	309	9.1	24	2
318	0.245	0.021491	8	580	11.4	12	5
323	0.3114	0.035793	16	466	8.7	49	7
328	0.3791	0.037721	16	346	10.05	36	7
333	0.3776	0.028391	8	563	13.3	60	8
338	0.4707	0.033148	16	472	14.2	47	6
343	0.1886	0.024494	4	730	7.7	33	2
348	0.3248	0.032254	16	311	10.07	9	4
353	0.409	0.040656	8	580	10.06	29	4

358	0.3946	0.045884	16	400	8.6	21	2
363	0.5113	0.043331	8	572	11.8	43	2
368	0.5702	0.056736	8	402	10.05	41	2
373	0.3571	0.027898	4	696	12.8	53	1
378	0.3229	0.03229	8	411	10	14	
383	0.5085	0.051364	8	525	9.9	46	5
388	0.7185	0.055269	8	523	13	38	4
393	0.468	0.055059	8	522	8.5	19	1
398	1.0557	0.083786	8	574	12.6	25	6
403	1.7064	0.139869	8	461	12.2	40	3
408	0.568	0.068434	4	513	8.3	43	12
413	0.5075	0.053421	8	570	9.5	34	2
418	0.3265	0.042961	8	584	7.6	28	3
423	0.2828	0.02828	4	604	10	31	7
428	0.3015	0.027162	8	357	11.1	42	4
433	0.4051	0.033479	8	833	12.1	27	2
438	0.9632	0.067357	8	484	14.3	15	3
443	0.9637	0.075882	8	444	12.7	45	4
448	0.3504	0.042732	4	629	8.2	48	1
453	0.4679	0.050859	8	625	9.2	48	
458	0.1635	0.025154	4	371	6.5	16	1
463	0.5067	0.05067	8	609	10	58	1
468	0.3645	0.052071	8	468	7	33	4
473	0.5149	0.051439	8	277	10.01	65	1
478	0.3471	0.03127	8	607	11.1	35	2
483	0.2895	0.026318	8	791	11	36	5
488	0.1934	0.032233	8	459	6	22	5
493	0.2928	0.026143	8	587	11.2	31	6
498	0.3182	0.039775	8	461	8	26	1
503	0.3364	0.039576	8	346	8.5	39	2
508	0.224	0.029474	4	653	7.6	17	
513	0.3108	0.034154	16	311	9.1	16	
518	0.2145	0.023571	8	538	9.1	29	
523	0.1322	0.015738	8	437	8.4	20	2
528	0.4064	0.035034	16	476	11.6	30	
533	0.4382	0.046126	16	464	9.5	34	3
538	0.9783	0.080189	16	321	12.2	46	4
543	2.2171	0.150823	32	465	14.7	42	6
548	0.6834	0.059426	16	409	11.5	47	4

553	0.3339	0.040229	8	430	8.3	45	7
558	0.2205	0.029013	8	385	7.6	26	2
563	0.2227	0.0262	8	459	8.5	41	1
568	0.2143	0.028573	8	367	7.5	37	4
573	0.2144	0.023822	8	668	9	40	1
578	0.2228	0.024484	8	717	9.1	45	1
583	0.199	0.019801	8	575	10.05	27	3
588	0.2838	0.024256	8	447	11.7	78	8
593	0.148	0.017412	8	341	8.5	40	2
598	0.1668	0.02224	8	453	7.5	20	1
603	0.3056	0.030438	4	753	10.04	36	3
608	0.5014	0.036868	16	302	13.6	29	2
613	0.3288	0.025292	8	785	13	32	5
618	0.1767	0.020788	8	524	8.5	27	8
623	0.2344	0.023323	2	2425	10.05	84	15
628	0.1694	0.016822	8	474	10.07	18	7
633	0.1616	0.019707	2	1207	8.2	58	14
638	0.1775	0.016136	8	402	11	46	13
643	0.195	0.020526	2	2255	9.5	69	20
648	0.2957	0.026882	8	407	11	30	6
653	0.247	0.032078	2	1258	7.7	75	8
658	0.223	0.031408	8	298	7.1	27	6
663	0.321	0.028661	4	319	11.2	97	1
668	0.396	0.031935	16	349	12.4	29	2
673	0.228	0.026207	4	704	8.7	48	5
678	0.382	0.038086	16	337	10.03	31	4
683	0.396	0.032459	8	691	12.2	27	2
685	0.157	0.03413	4	460	4.6	12	2
693	0.417	0.037909	8	481	11	27	3
698	0.232	0.025217	8	307	9.2	28	2
703	0.209	0.020858	8	351	10.02	7	9
708	0.237	0.020609	8	400	11.5	12	6
713	0.197	0.020737	4	584	9.5	51	18
718	0.242	0.024948	8	408	9.7	27	3
723	0.22	0.021891	8	382	10.05	17	9
728	0.208	0.021224	8	420	9.8	17	5
733	0.215	0.022396	8	358	9.6	20	7
738	0.117	0.010354	2	647	11.3	15	14
743	0.286	0.02531	8	485	11.3	14	6

748	0.179	0.016273	8	454	11	10	3
753	0.344	0.0344	16	445	10	33	2
758	0.309	0.032526	16	405	9.5	36	5
763	0.228	0.026824	8	346	8.5	15	3
768	0.218	0.018167	8	572	12	12	4
773	0.248	0.0248	8	703	10	23	7
778	0.322	0.026833	8	391	12	29	11
783	0.457	0.037769	16	579	12.1	22	10
788	0.389	0.042283	16	165	9.2	77	12
793	0.545	0.049545	32	375	11	22	12
798	0.593	0.052946	32	328	11.2	49	11
803	0.438	0.043582	16	389	10.05	40	16
808	0.514	0.043932	32	337	11.7	62	16
813	0.392	0.035636	8	658	11	45	24
818	0.353	0.029174	16	546	12.1	16	9
823	0.346	0.028595	16	324	12.1	27	14
828	0.331	0.028534	8	165	11.6	52	23
833	0.356	0.035458	16	301	10.04	6	4
838	0.189	0.021	8	362	9	12	4
843	0.25	0.037879	8	431	6.6	46	14
846	0.239	0.031867	8	482	7.5	42	8
853	0.138	0.017037	4	659	8.1	36	5
858	0.194	0.022558	8	465	8.6	21	9
863	0.6	0.05042	16	518	11.9	41	9
868	0.245	0.0245	8	418	10	38	12
873	0.242	0.021043	8	447	11.5	38	2
878	0.306	0.034	16	368	9	69	2
883	0.239	0.023852	8	595	10.02	32	6
888	0.354	0.036875	16	474	9.6	45	7
893	0.426	0.030213	16	317	14.1	27	1
898	0.416	0.041393	32	439	10.05	60	6
903	0.509	0.04072	32	352	12.5	22	2
908	0.392	0.028406	16	768	13.8	18	7
913	0.286	0.022	8	518	13	63	9
918	0.197	0.0197	8	479	10	12	9
923	0.178	0.02225	4	410	8	17	3
928	0.467	0.024973	16	326	18.7	60	6
933	0.333	0.030273	16	551	11	20	7
938	0.364	0.024267	8	697	15	35	4

943	0.358	0.022375	8	571	16	63	5
948	0.4	0.022857	16	325	17.5	40	9
953	0.354	0.032182	8	696	11	27	16
958	0.504	0.043826	32	314	11.5	22	10
963	0.498	0.036087	16	520	13.8	35	15
968	0.486	0.039836	16	513	12.2	28	8
973	0.632	0.056937	16	511	11.1	64	4
978	0.349	0.034726	16	329	10.05	31	10
983	0.512	0.0512	16	543	10	62	10
988	0.68	0.045333	32	434	15	41	
993	0.395	0.030385	16	355	13	31	4
998	0.4	0.027586	16	403	14.5	24	9
1003	0.329	0.025308	8	629	13	18	7
1008	0.453	0.029803	16	469	15.2	58	11
1013	0.355	0.023667	16	440	15	34	1
1018	0.385	0.038308	16	638	10.05	38	1
1023	0.517	0.033141	16	694	15.6	33	7
1028	0.484	0.042087	16	644	11.5	40	6
1033	0.429	0.045158	16	378	9.5	40	6
1038	0.404	0.03084	16	592	13.1	39	
1043	0.36	0.036	16	406	10	45	6
1048	0.3	0.031579	8	563	9.5	69	4
1053	0.276	0.024	4	1156	11.5	44	22
1058	0.326	0.025077	16	364	13	35	13
1063	0.29	0.023016	8	512	12.6	53	11
1068	0.191	0.023875	8	306	8	28	13
1073	0.243	0.018134	8	533	13.4	51	6
1078	0.197	0.01968	8	347	10.01	42	3
1083	0.197	0.021889	8	482	9	15	14
1088	0.145	0.014442	4	672	10.04	45	4
1093	0.221	0.022078	8	598	10.01	30	1
1098	0.171	0.016981	8	315	10.07	48	3
1103	0.201	0.015952	8	543	12.6	33	
1108	0.144	0.015652	8	473	9.2	33	3
1113	0.137	0.013686	4	531	10.01	42	3
1118	0.155	0.01069	8	372	14.5	23	1
1123	0.143	0.01126	8	367	12.7	13	1
1128	0.092	0.009154	4	383	10.05	25	4
1133	0.099	0.00792	2	554	12.5	22	17

1138	0.111	0.008162	4	457	13.6	7	26
1143	0.075	0.006818	2	581	11	21	23
1148	0.059	0.006082	1	681	9.7	19	14
1153	0.076	0.00608	2	553	12.5	21	10
1158	0.079	0.006423	2	490	12.3	35	6
1163	0.081	0.006378	1	757	12.7	18	4
1168	0.068	0.005574	1	620	12.2	21	11
1173	0.063	0.004846	1	169	13	5	
1178	0.095	0.008482	1	509	11.2	16	8
1183	0.072	0.006154	1	641	11.7	21	1
1188	0.068	0.004626	1	597	14.7	20	3
1193	0.1	0.007407	2	245	13.5	20	2
1198	0.086	0.008583	1	699	10.02	16	1
1203	0.132	0.010154	2	1098	13	36	3
1208	0.14	0.010769	4	738	13	18	
1213	0.126	0.008289	4	324	15.2	17	2
1218	0.072	0.005669	1	627	12.7	9	5
1223	0.1234	0.008118	2	620	15.2	29	15
1228	0.241	0.017214	2	634	14	6	10
1233	0.64	0.047407	2	677	13.5	7	9
1238	2.109	0.131813	4	553	16	7	2
1243	0.626	0.056396	2	513	11.1	22	5
1248	0.246	0.01528	4	1018	16.1	21	13
1253	0.118	0.01	2	852	11.8	11	13
1258	0.247	0.015342	8	691	16.1	25	17
1263	0.098	0.007259	2	761	13.5	7	16
1268	0.067	0.004161	1	856	16.1	13	14
1273	0.085	0.006967	1	962	12.2	22	26
1278	0.184	0.011152	4	721	16.5	19	16
1283	0.35	0.021875	16	428	16	15	7
1288	0.146	0.01168	2	654	12.5	13	22
1293	0.287	0.02007	8	868	14.3	12	10
1298	0.33	0.027966	16	623	11.8	13	7
1303	0.503	0.035929	8	1001	14	36	12
1308	0.308	0.030739	8	436	10.02	11	9
1313	0.415	0.030292	16	496	13.7	20	9
1318	0.335	0.024632	16	300	13.6	8	3
1323	0.317	0.024015	8	452	13.2	29	8
1328	0.301	0.026174	8	688	11.5	23	13

1333	0.241	0.017852	8	596	13.5	16	11
1338	0.166	0.01581	8	455	10.5	8	4
1343	0.155	0.020667	4	576	7.5	13	9
1348	0.18	0.015	8	504	12	11	9
1353	0.161	0.009938	4	644	16.2	17	17
1358	0.13	0.009489	4	477	13.7	15	17
1363	0.282	0.017625	16	309	16	35	11
1368	0.236	0.015032	8	456	15.7	7	4
1373	0.25	0.016556	8	515	15.1	28	4
1378	0.232	0.017576	16	558	13.2	1	4
1383	0.222	0.015417	8	462	14.4	21	3
1388	0.261	0.018	8	593	14.5	27	3
1393	0.289	0.017	16	397	17	12	6
1398	0.17	0.010625	4	510	16	25	6
1403	0.149	0.010876	4	496	13.7	18	10
1408	0.254	0.014111	16	366	18	12	7
1413	0.264	0.015808	8	318	16.7	10	
1418	0.308	0.0176	16	585	17.5	15	3
1423	0.213	0.014013	16	391	15.2	10	1
1428	0.132	0.013895	8	336	9.5	9	1
1433	0.165	0.011957	8	489	13.8	16	5
1438	0.142	0.014129	4	562	10.05	10	4
1443	0.27	0.018621	16	605	14.5	10	6
1448	0.319	0.020449	8	585	15.6	15	10
1453	0.367	0.025137	32	381	14.6	6	7
1458	0.325	0.025	8	381	13	3	9
1463	0.674	0.038079	16	610	17.7	50	31
1468	0.408	0.028732	16	329	14.2	18	6
1473	0.343	0.023493	16	568	14.6	6	2
1478	0.502	0.026421	32	313	19	12	4
1483	0.174	0.010875	8	660	16	8	4
1488	0.302	0.018875	16	322	16	19	3
1493	0.33	0.024265	16	455	13.6	11	2
1498	0.303	0.021643	16	384	14	8	10
1503	0.294	0.018846	8	385	15.6	26	5
1508	0.171	0.012214	8	432	14	3	6
1513	0.142	0.009404	8	326	15.1	27	3
1518	0.201	0.012407	16	460	16.2	9	5
1524	0.117	0.007313	4	558	16	12	8

1528	0.273	0.019091	8	449	14.3	68	1
1533	0.342	0.025333	8	727	13.5	44	10
1538	0.234	0.013371	8	653	17.5	5	10
1543	0.076	0.005984	2	717	12.7	10	5
1548	0.056	0.004	1	544	14	8	6
1553	0.046	0.003172	1	375	14.5	8	1
1558	0.17	0.007944	4	761	21.4	24	9
1563	0.118	0.007152	4	592	16.5	14	9
1568	0.075	0.005319	1	1020	14.1	26	6
1573	0.108	0.006879	2	531	15.7	9	3
1578	0.226	0.015067	8	484	15	26	5
1583	0.256	0.016306	8	431	15.7	4	5
1588	0.41	0.02426	16	922	16.9	15	8
1593	0.375	0.02095	16	391	17.9	27	9
1598	0.44	0.024581	16	392	17.9	13	14
1603	0.38	0.024516	16	435	15.5	9	13
1613			4	590		13	21
1623			32	451		14	23
1633			32	304		17	16
1643			32	381		22	29
1653	0.753	0.075225	32	369	10.01	14	17
1663			16	626		27	23
1673			4	872		32	14
1683			16	564		27	6
1693			16	462		57	8
1703	0.286	0.017875	8	628	16	36	9
1713			2	690		16	1
1723			4	743		28	6
1733			4	530		16	2
1743			2	378		19	4
1753	0.183	0.010958	8	599	16.7	20	5
1763			4	489		19	2
1773			4	467		29	8
1783			16	378		7	6
1793			4	693		60	10
1803	0.468	0.027529	32	383	17	40	8
1812			16	388		19	22
1823			8	544		37	5
1833			4	709		21	7

1843			16	469		37	15
1853	0.312	0.0195	8	521	16	43	9
1863			8	490		14	4
1873			8	1085		35	4
1883			8	391		18	6
1893			4	753		23	38
1903	0.22	0.016923	8	570	13	44	11
1912			4	618		29	18
1923			4	424		33	21
1933			4	657		17	
1943			4	379		24	11
1953	0.192	0.015118	8	770	12.7	27	10
1963			8	374		23	7
1973			4	607		20	7
1983			16	588		86	16
1993			16	394		55	21
2003	0.612	0.0306	32	480	20	45	10
2033			16	403		6	8
2053	0.389	0.020155	16	573	19.3	22	6
2073			4	458		22	4
2103	0.078	0.005379	2	422	14.5		2
2133			4	593		13	17
2153	0.152	0.008	2	513	19	17	3
2173			4	340		3	
2203	0.819	0.0455	32	536	18	12	11
2233			16	327		19	12
2253	0.295	0.020775	8	696	14.2	35	15
2273			4	405		13	6
2303	0.401	0.024753	8	1003	16.2	23	18
2333			16	339		15	10
2353	0.276	0.022623	8	580	12.2	48	9
2373			8	440		18	5
2403	0.154	0.0088	4	578	17.5	21	3
2433			2	610		12	1
2453	0.182	0.010643	4	498	17.1	15	3
2473			4	509		13	3
2503	1.072	0.058901	64	469	18.2	11	14
2533			16	381		15	4
2553	0.434	0.031679	16	638	13.7	19	12

2573			8	465		6	11
2603	0.544	0.02566	16	523	21.2	53	13
2633			16	328		32	9
2653	0.741	0.033682	32	583	22	59	18
2673			8	412		41	27
2703	0.245	0.012207	16	472	20.07	18	9
2733			8	641		17	8
2753	0.241	0.010711	8	598	22.5	17	9
2773			8	402		9	15
2803	0.216	0.009	8	621	24	10	1
2833			8	442		20	4
2853	0.358	0.017048	16	441	21	26	13
2873			8	619		11	5
2903	0.265	0.020385	8	459	13	14	5
2933			1	274		6	3
2953	0.246	0.013297	16	332	18.5	9	1
2973			4	361		5	6
3003	0.154	0.008324	4	337	18.5	5	1
3033			4	560		29	3
3053	0.595	0.029691	32	392	20.04	13	4
3073			8	320		24	10
3103	0.095	0.006129	1	888	15.5	4	6
3123			4	350		23	5
3153	0.203	0.011941	8	471	17	10	2
3173			16	367		18	8
3203	0.518	0.028462	32	473	18.2	29	5
3233			8	377		58	18
3253	0.31	0.021379	16	378	14.5	36	5
3273			4	764		26	4
3303	0.228	0.01471	8	554	15.5	8	
3333			8	499		30	5
3353	0.373	0.023025	16	541	16.2	54	12
3373			4	751		31	27
3403	0.14	0.01	4	620	14	25	5
3433			4	429		9	8
3453	0.27	0.012676	8	713	21.3	23	8
3473			4	617		14	
3503	0.303	0.015381	16	308	19.7	27	3
3533			8	424		33	2

3553	0.41	0.021579	16	471	19	32	2
3573			8	324		22	
3603	0.157	0.007072	4	372	22.2	19	2
3633			2	471		10	3
3653	0.203	0.009398	4	482	21.6	14	8
3673			4	339		3	1
3703	0.437	0.02388	16	679	18.3	28	9
3733			4	292		9	12
3753	0.682	0.034619	32	490	19.7	28	29
3773			16	421		17	11
3803	0.708	0.03827	32	491	18.5	36	10
3833			16	593		23	10
3853	0.31	0.014027	16	371	22.1	25	11
3873			4	397		8	9
3903	0.625	0.04562	16	568	13.7	28	26
3933			8	699		17	32
3953	0.359	0.019511	16	425	18.4	28	16
3973			8	523		24	11
4003	0.48	0.018462	16	359	26	28	6
4033			4	780		21	10
4053	0.16	0.007547	4	808	21.2	41	17
4073			4	475		4	10
4103	0.204	0.00843	8	592	24.2	38	14
4133			4	585		12	13
4153	0.082	0.003417	2	369	24	10	10
4173			4	373		6	3
4203	0.213	0.012384	8	424	17.2	11	4
4233			8	322		11	11
4253	0.192	0.00817	8	456	23.5	28	8
4273			4	485		14	4
4303	0.369	0.021453	16	645	17.2	33	3
4313			16	354		21	10
	>0.063mm	>0.063mm					

Gs. ruber (high form)	Gs. ruber (white)	Gs. ruber (pink)	Gs. tenellus	Gs. sacculifer no sac	Gs. sacculifer	Sph. dehiscens	G. aequilateralis
	102		1	50	34	1	11
5	68		1	39	27		8
1	55			40	31	4	9
1	56		1	34	40		15
	80		1	43	32	4	18
	88			31	31	1	14
	96			59	12	4	29
1	72			36	23	2	15
1	172		2	58	35	1	18
3	73		1	31	16	2	13
	125			68	61	3	23
	80		1	44	22	1	13
4	110			73	36	4	20
5	149			65	32	2	12
1	154		1	77	36		16
	66		1	53	31	4	12
	107		2	66	35	1	11
	37			65	44	4	12
	76			72	55	8	26
2	39			42	65	3	25
	112			73	28	3	19
	57			65	42	3	10
	82			95	68	6	21
	51			40	33	3	15
1	37			50	56	2	8
	25			63	62	2	21
2	72			77	59	5	13
1	42			62	56	1	10
1	51			60	80	3	17
6	118			106	76	1	20
2	173		1	89	16	1	7
	83			142	95	5	20

	44			53	31		16
1	94			98	63	2	13
	59		1	64	86	8	28
	23			52	59	1	16
1	45			56	68		21
	66			46	64		14
	177		1	63	234	1	43
	106			127	55	1	17
	103		2	132	53	1	9
	61			85	57	1	11
	60			85	24		17
1	59		1	85	56	3	13
	99		1	100	58	3	12
	33			49	47	6	12
	44			47	40		12
	53			76	72	4	34
	154			160	68		20
	29			69	62	2	8
4	81			107	59	1	29
1	55			56	43	1	11
2	162		1	158	128	3	20
1	105			102	110		28
	186		1	153	77	1	21
2	88			73	89	2	47
4	131			126	96		35
5	63		1	91	90	2	31
1	148			181	84	3	22
	87		1	120	88		35
1	40			81	75	1	20
	66			126	104	1	22
1	27			70	62	4	9
	100		1	135	86		17
	73		1	76	66	1	19
1	36		1	56	56	2	14
2	67			87	84		13
3	90		1	72	34		13
3	165		1	109	54		21
	55			34	28		21
3	99		1	75	61	2	18

2	79	1	37	24		15
	103	2	37	38	2	28
3	50		18	28	1	22
9	85	1	47	63		39
6	70		30	26	1	12
2	58	1	39	38	2	15
1	56		38	37	1	31
	73		37	27	1	13
4	62		52	19		23
4	69		44	31	2	24
6	60		28	20		21
9	130		32	12		22
	159	3	30	10		23
3	115	3	48	27		27
6	62	1	29	22		28
8	209	2	83	41		31
2	105		60	18		16
2	39		29	31		26
5	193	3	50	25		16
4	164		55	27		28
3	68	1	43	17		8
	97		63	33		10
2	64		43	29		19
2			23	28	1	9
3	108	1	51	26		17
1	148	2	69	35		37
6	110	3	39	15		20
4	133	1	38	20		37
3	75		54	31		16
2	44		36	25		9
3	131		59	54		21
			56	23		17
	112		52	32		17
1	103		44	30		19
	112		39	31	1	16
1	106	2	45	22		20
	42		37	21		26
3	81	1	43	26		20
1	80		31	28		14

1	52			38	29		18
1	70		1	32	22		12
	78			30	31		17
2	56			39	30		12
2	179			55	36		25
4	177		1	47	28		31
2	122		1	39	24		23
2	59			44	23		22
	45			36	28		7
2	83			62	25		15
2	164			96	33		32
10	34			25	28		19
5	182			71	50		22
3	111			55	28		15
2	637			273	99	1	28
4	82			45	32	2	27
8	225			130	83	2	112
1	47			43	32	1	18
16	560			249	134	2	135
8	68			36	31	1	18
5	245			140	87	4	42
3	23			26	32	4	16
	3			8	30		14
2	49			23	19	3	14
5	117			54	52	3	30
1	58			22	22	1	17
2	190			58	44	1	11
3	112			50	22	2	13
2	92			39	32	1	27
1	51			18	34	1	12
	72			28	8	1	11
1	112			22	25	2	9
1	141			23	18		17
	76		1	14	15		22
1	85			25	15	2	12
1	117			12	13		13
	75			28	14	1	13
1	211		1	26	19		17
1	123			21	11	12	1

	115	1	26	14		13
2	117		21	12		17
1	65		10	19		14
2	101		19	11		17
1	174		55	31		14
	186	2	44	22		13
3	43		20	20		21
	148	2	33	35	1	30
4		1			2	27
1	62	1	25	28		15
	32	1	17	25	1	17
1	65		34	36	2	21
1	32		6	20	1	18
2	97	1	20	17		15
1	151		11	10		13
	48	1	13	13	1	18
8						
	70		19	17		7
3	92		27	20		12
3	81		19	12		22
2	83	1	35	36	1	22
	203		66	16	1	13
1	111		32	25		21
	93	1	21	24	1	12
	64		24	29	1	16
	109		36	24	3	8
	62		17	21		7
4	192	3	37	27	1	7
6	99	1	26	41		9
2	50		19	12	1	10
4	92		14	29		20
1	110		14	15	2	8
3	264	3	37	22		13
2	103		34	26	3	9
1	138		25	21		9
3	117	1	22	15	1	8
1	30		11	24	1	4
	146		34	18		12
	213		43	28		23

2	134	1	45	42		14
	47		16	20		16
	178		59	27	2	14
	51		10	28	1	13
	76		37	42	1	20
1	98	1	34	38		14
	63		34	34	3	27
	51		17	22	2	15
	97		27	37		36
1	96	1	31	33		17
	53		27	29		9
6	58	1	28	32		16
	139		41	22		19
1	74		34	38	1	10
	98		22	14	1	11
2	133		50	34	2	22
2	151		56	36	4	14
	130		50	48	1	25
	23	2	34	58	3	22
	89	1	84	60	1	17
	41	1	41	51	2	15
	96		62	42	2	17
9	301		124	70	4	54
3	54	1	23	37		11
1	94	1	49	26		26
2	39	1	32	22	1	7
2	80		59	38	1	27
	56	2	26	32	1	16
3	86		43	25	1	10
2	145	1	52	28		18
2	131		57	45		25
2	45		18	11		10
	153		35	31	2	25
1	111		37	27	2	9
2	119		39	20	1	26
	85		29	29		6
1	98		35	25		11
1	120	1	9	7	1	3
2	132		19	5	2	17

	102		61	22	2	12
	104	1	58	38		19
	173	1	47	18	3	6
2	138	3	52	17		6
	105		25	8	3	9
13	194		70	22	1	19
1	150	1	52	18		8
	49		19	6		
	112		23	13	3	5
1	153		58	27	1	21
	180	2	42	18		11
1	59	2	25	14		12
1	189	2	43	19	1	9
3	311	1	74	15	3	29
	168	6	75	22		28
	39	1	39	14		4
	162	2	82	24	1	8
5	159	1	35	56		8
4	132	1	79	34	1	12
4	107	3	79	43	8	5
5	121	5	58	27		9
	98	1	21	10		22
	256	1	77	30		39
	185		63	16	3	23
2	158	1	45	24	2	24
5	188		83	37	1	13
4	244		29	96	3	14
7	205	1	52	99	6	10
5	192	1	50	20	3	18
1	101	3	19	17	2	18
2	131		80	17	2	16
7	223	2	100	46	1	20
7	121	2	66	25	3	10
7	218		90	58	6	13
2	30		30	34	6	22
3	61	1	34	31	2	18
1	31		31	17	1	3
	32		48	24	4	15
1	148		84	38	7	17

	86	2	76	44	5	12
2	105	2	57	25		15
3	132	1	77	32	1	14
1	140	3	60	31	2	12
6	146	2	77	21	4	17
3	106	1	55	21	4	8
6	44		29	11	2	9
1	104	4	51	25	4	10
2	108	5	47	17	3	14
3	153	5	48	10		11
6	91	1	41	24	3	14
2	164	1	35	11		15
10	59	1	37	23		9
4	60		53	24	3	13
6	95	3	39	21	1	13
	64		44	16	1	9
5	45		41	35	2	10
3	110	1	79	18		23
	89	3	58	19	1	15
2	82	1	46	21	2	7
5	121	2	78	27		7
5	125	3	87	26	1	14
4	190	4	90	11	3	17
7	97	2	79	27	1	7
2	86	4	48	12	1	6
	53	2	35	23	8	5
1	46	1	46	31	6	11
2	10		26	4	3	7
4	115	3	58	6	2	15
	49		25	17	6	11
4	134	1	78	26	1	9
	32		32	12	2	6
1	58	1	45	18	1	12
1	53		33	16	3	10
	52	2	32	14	3	8
1	88		48	25	1	5
1	46		28	25	2	5
2	95	1	69	13	1	7
3	104	1	63	4	3	18

4	63			43	48		12
6	106		1	64	51	5	13
4	100		1	54	59	2	20
2	170		2	83	40	2	14
1	134			55	13	1	9
1	107			23	8	1	7
3	167		1	48	28		10
2	149		1	33	20		5
7	224		10	84	59	1	18
3	169		1	38	18		8
7	115		2	37	48	1	11
2	107			40	19		11
5	294		3	113	19		15
	72			25	34	1	14
1	72			36	36	1	10
3	81			34	21	2	9
1	95			71	41	3	18
1	69		1	56	47		14
	17			30	28	5	13
1	6			43	55	1	5
1	18	1	1	42	57	5	9
	39	6		87	65	4	2
	87	19		128	118	22	9
1	79	2		118	43	2	12
2	44	14		82	61	1	16
5	126	10	2	99	29	1	12
4	114	25		151	38	3	8
1	159	12	1	116	34		23
	88	25		93	40	1	12
3	78	3		56	31	1	9
5	179	23	1	89	3	5	20
10	144	37		62	27	2	12
3	84	21		51	33	4	32
2	70	21		17	23	1	13
4	108	38		54	29	4	15
1	44	6		45	18	5	16
2	63	18		48	28		14
	102	33	2	72	21	4	30
	140	30		78	58	2	14

3	63	50		35	27		21
5	69	16	1	57	40	1	16
6	95	17		65	48	1	11
2	299	63	3	112	51	2	25
1	109	9		41	18	1	15
2	154	34		86	35	3	11
3	123	15		70	31	1	20
	79	18		141	54	1	16
	63	15		38	38		18
2	162	4		52	30	8	14
3	84			44	25	2	9
1	206	9		72	22		17
5	76	13		14	13	1	12
1	133	15		55	26	2	27
1	71	4		38	35	2	17
	40	1		39	26	2	8
8	76	10	1	35	14	3	9
	71	1		43	22		16
1	113	8		51	4	2	13
3	78	19		75	33	2	22
	129	7	2	44	7	2	3
1	180	21		33	14	1	29
7	150	11		29	8	3	13
	102	20		22	15		5
	112	13		43	13	1	9
	27	1		30	32	1	17
1	161	8	2	61	41		17
	91	7	1	41	35		10
1	282	42	2	138	48		38
	49	6		47	37	2	19
5	128	8		82	27		18
	115	10	1	57	33	1	18
1	188	20	2	102	28		7
	189	35	1	52	16	1	9
3	125	28	1	56	25		19
	79	45		48	40		21
1	58	14	1	78	36	1	24
	78	8		57	32	1	8
5	145	9	1	83	55		17

	109	30	1	52	23	1	6
7	74	16		62	34		18
	58	8	1	32	32	1	6
4	61	15		80	46	2	16
	16	14		40	52		4
3	90	27		53	37		18
3	122	10		68	70	1	22
5	135	29		86	38	2	4
	114	11		48	14		6
6	217	20	2	52	8		16
	94	18		33	20		19
	86	13		47	18	1	11
	123	28	2	96	36	1	13
	99	14	1	52	30		5
	62	7		37	10	1	3
1	69	10		26	8	1	5
	95	19		28	20		6
1	69	14	1	40	5		8
	140	2		40	23		8
	46	10		31	12	1	15
	39	8		28	27	5	15
6	273	37		120	14	1	11
	61	7	1	69	26		10
4	178	24	3	46	11		11
	23	23		58	33		16
	68	22		106	15	1	10
		10		40	37	1	9
	68	10		68	12		13
	205	27		45	19		25
1	187	22		53	7		5
	122	5	1	67	24		25
	123	9	1	47	18	1	16
	212	8	1	83	27	1	15
4	204	7	1	61	11	2	8
	90	23	1	58	19		16
6	268	13		104	11	2	10
	183	16		67	22	3	17
	52	22		27	7	2	13
	85	11		43	18	1	21

4	84	7		70	27		10
	45	10		46	18		14
1	88	12		65	13	2	5
2	167	20		50	16	1	8
3	169	20	2	75	9		3
1	168	12	1	32	8		7
	187	3	3	61	29	3	22
	48			63	25		16
2	111		1	81	61		11
2	98		4	78	48		7
3	100			95	48		4
	83			105	73	2	27
1			1	35	19	1	16
1	99			60	12	1	9
1	92		1	47	10	2	13
3	88			55	44	4	21
	97			45	19	2	8
	74			44	24	1	11
	55			47	7	2	8
	221	3	1	62	50	1	14
2	275		5	99	7		11
	95			60	28		17
	217			65	13	3	10
1	186	1		60	64	2	19
	127			53	23	1	8
	105			49	26	2	6
1	105	1		47	16	5	7
4	65		1	49	34		12
1	128	1	5	64	15		17
5	116		2	73	49	3	26
7	170	2	1	116	50	4	15
1	52			45	37	3	9

G. calida	G. bulloides	G. falconensis	Beella digitata	G. rubescens	N. pachyderma R	Gq. conglomerata	P. obliquiloculata
4	14	1	3				30
3	5	4					33
5	10		1				31
4	8	1					41
4	7	2		2			26
3	8	3					32
2	12	3	1				28
	10	2	5	1			23
1	18	3	2	1			31
6	16		1	1			12
5	24	4	1				27
5	8	2	1				6
11	12	2					9
8	11	1	2	1			13
4	16	5	1	2			14
4	4		4		1		9
7	5		5		2		21
4	3		2				13
9	6				2		41
5	1		1				46
5	5		1		1		64
4	3						52
8	4	1	3		1		82
6	3			1	1		41
8	2						66
1	1		1				80
5	2		2		1		66
4	1						86
4			5				89
8	4	1			4		86
11	8		3	2			57
10	7		2				118

3	1		1		1	72
4	5	1	4	1		75
4	1				1	109
3						69
5	4	1		1		64
6	3	1	1	1		53
9	10		3	1	1	134
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19		13		2	26	1
17	4	14		2	28	1
21	7	15	1	4	33	2
17	2	17		3	61	
16	12	16	1	1	33	
16	5	21		3	38	
15	4	22		1	34	
10	2	23		1	22	
6	3	17		1	38	
9	1	10			25	
11	2	16			44	1
3		13			17	
2		5			20	
		4			41	
3	1	10		1	71	
6		16		3	27	4
14		12	1	2	78	2
10		2		1	34	5
5		7			71	3
4		12			121	7
		11			83	
6		19		1	34	11
5		4			25	7
10		26			14	5
11		14			26	
11		17	1	2	23	
24		8		1	22	
11	1	17			27	
4		18	2	1	13	
1	3	13			23	
8	5	12		1	27	
5	1	22			31	

5		3		1	22	
7	1	19		2	76	
		12		1	51	1
4		24	1	1	39	
1		14		2	72	1
		11		2	27	
2		24		1	68	
1		20		2	61	
2		39		1	93	2
1		27		1	55	1
		19			36	3
4		13		1	22	1
4		19		1	30	2
6		5			49	5
1		5			47	1
1		6		1	57	
1		18			99	2
3	4	16			36	
1	4	5			75	8
	2	1			121	9
1		14		1	80	7
4	6	18			184	2
13	7	10			153	7
4	20	2			39	
3	5	1			36	1
4	11	15		1	29	2
6	11	43			10	
9	5	52			19	
3		36			17	2
7		16			10	
13		2			6	
4		1			15	
5		18			4	2
8		26			14	
19		20			15	2
4		13			21	
6		13			26	1
4		17			20	
14		49		1	28	6

10		35			8	
7		20			40	
5		32			35	1
9		45			41	
7		7			14	
23		26		1	38	
9	1	6	1		16	
12		24			29	
2		19			21	
		33			25	
1		4			13	3
1	3	2	10		7	4
4	11	1			25	3
3	4	13			25	6
1		17	1	3	44	7
1		9			37	12
1		11			16	19
7	5	4			30	
3	1	9			8	7
4		10			7	
1	9	11			17	6
2	29	20			5	
1	31	14		3	29	10
2	13	7			24	
50	18	22		5	35	2
5	10	5			53	
25	32	9			70	11
3	12	9			40	
2	11	9		1	41	7
4	1	1		1	31	
10	3	4			50	
5	16	4	1		32	
	20	2		1	29	
	32	3	2		47	1
2	20	3		1	19	7
	10	1	8	2	54	
1	2	10		1	10	3
		2	2		17	6
6		1	2	3	14	11

4	2	1			6	4
7	9	0			73	10
6	3				33	1
32	5	1		1	1	
24	3				19	
18	23	4				
3	18	12			24	
5	35	17			22	5
5	17	20			9	
5	14	10				2
2	5	18	1		54	
4	2	13			32	1
		17	3	2	15	2
31	7	0		3	15	1
11	23				12	
3	14	6		2	25	2
6	19	7			20	1
1	1	4		2	34	7
7	3	1		3	68	10
7	7	8			24	11
3	3	1			39	6
15	29	1			94	5
1	5	2			33	2
	4	6		1	18	1
	5	7		2	39	1
3	3	4			16	
2		8		1	23	
3	1	8		2	3	6
	8	11	1		18	16
	1	21			1	3
16		17		2	21	1
21		15			25	
11	27	35		1	28	
7	17	15			5	
6	9	16		1	12	1
10	4	1			23	4
15		7	1	3	36	19
7		15		2	13	2
2	2	7	1		27	4

6		17			20	2
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7	6	4			23	
7		6	2	1	33	12
8	1	7		2	35	4
		6	1	1	15	
6		14	1		17	3
		2		1	34	
		3		2	25	1
1		12		1	31	4
2		4		3	17	
1		2			36	3
		0		2	14	1
			2	2	9	1
5		0		4	12	1
4	2	1			25	1
3	2	0		1	16	
4		1			21	2
	5	0			34	
7	5				20	
5	1	1		1	27	
3	20			4	56	
1	6	6		3	7	
1				3	1	
		0			1	
4		1				
		3	1			
		1		1		
1		1		1		
2		1	1	2	1	
4	4	24			14	3
11		13			37	1

Candeilla nitida	G. glutinata	N. dutertrei	G. quinqueloba	Gr. bermudezi	Others	juveniles	fragments
1	31	72		1	3		326
	21	73				2	379
	18	48				2	281
1	8	74				2	223
1	20	61			1	5	401
	28	53	1	1		5	406
	25	72			4	6	432
	14	50			1	1	295
	26	76			2	6	451
	16	41	1		2	7	397
	29	84			1	2	690
	19	54				3	398
	20	76				9	555
	20	74				2	636
2	49	66			1	5	501
1	7	66				2	312
1	13	78				7	452
	3	63	1		2		228
	14	85	1		1	3	459
	5	57				2	295
	18	90					392
	10	44				5	411
	17	85				5	397
1	8	60				6	396
2	4	58				3	360
		82	1	1	1		307
	10	60		1	1	1	225
	4	69					181
1	6	98	2	2	2	3	203
1	23	72		3	4	7	216
	40	85		4	2	4	261
	16	98	1				289

	11	34				1	147
1	18	83				4	246
3	8	91				4	245
3	3	40				1	65
	12	56			1	1	86
2	18	37			1	6	157
	31	132			1	1	489
1	15	83				3	244
	27	90					226
	11	70				2	158
	15	50		1	1	3	255
2	13	54				2	121
	13	71				4	184
	1	41		1			76
	5	30		1	1	4	122
	5	45				2	189
	22	101		2	2	21	281
	2	48			1	1	154
	8	65		3		1	226
	3	39			2	4	124
	19	80			2	9	155
	25	74		2	5	5	228
1	13	92	1	2	2	12	257
	8	69	1			1	163
	12	105			1	2	199
	12	95				4	149
	22	124		1	3	48	244
	8	102				13	279
	2	61			1	3	132
	7	84				4	250
	1	48				2	72
	4	116			1	13	119
	4	120			2	10	135
	4	70				1	57
	2	162			1	6	130
	15	108	1		1	22	142
	14	179			1	38	201
	3	93			1	3	76
	5	155			1	3	127

5	89			15	118
8	93		1	19	214
1	59			2	136
3	115		3	4	141
3	68			5	149
	57			2	90
3	71			5	137
1	114			7	184
3	96			5	169
3	77			5	82
4	78	3	4	2	84
6	101		2	26	101
14	112	1		22	193
5	107			15	50
5	36		1	6	68
4	143		7	27	167
6	77		3	7	121
3	77			3	57
6	93			19	102
10	118		1	9	128
4	80			13	1
6	123			10	134
5	97		1	6	127
	39			3	69
5	138		2	7	142
15	161			5	151
9	98			6	65
14	100			8	124
3	85			4	61
2	49			3	27
5	117			7	74
7	68			14	73
10	75			17	78
5	68			11	72
9	93		1	9	90
6	74		1	13	102
	46			2	65
3	78			3	130
2	75			6	132

	7	70				4	63
	10	75			1	9	114
	3	80				10	97
	2	59				2	72
	10	93			1	18	157
	7	125				17	167
	14	125				7	165
	4	71					99
	5	65					58
	8	80				2	7
	8	131	1		1	10	131
	2	46					95
	11	140	4			8	178
	4	96	1		2	4	180
	96	456		72		48	776
3	1	77				2	97
	4	193				13	411
	4	56				1	48
	17	339				16	657
	5	74				2	171
	16	218			2	12	431
	2	44				2	61
	1	40			1		16
		56				6	95
	5	112				4	174
	5	64			1	3	111
	19	119			1	26	190
	6	91			4	7	211
	1	86				4	116
	3	55				1	104
	3	84			1	2	72
	8	55	2		1	5	160
	9	81			3	6	167
	2	84					194
	1	77				3	134
	7	88	4			20	303
	3	70			1	3	180
	4	106	1			11	243
	13	121			1	16	355

9	84		1		8	122
19	81				5	331
5	72			1	4	201
2	62			1	2	230
10	91	4			4	109
20	115			2	12	232
7	57				1	66
24	74	5		1	5	225
2		1			2	
3	60				3	136
1	34					78
5	54				6	151
8	31	1	1		1	98
15	137				6	322
30	96	7	1	1	17	254
7	45				2	128
5		3		1	1	
7	48			1	6	216
8	62			3	1	213
5	65				6	129
8	71			1	7	174
18	110				7	348
11	58			2	1	200
10	68				4	279
5	72				3	243
7	41				4	119
4	34	1			3	96
24	46				16	220
6	38	1		2		205
5	40				2	93
8	28			1	2	165
13	47					152
31	92	2		2	15	298
10	62			1	3	213
30	51	1		1	4	358
13	48			1	6	252
1	35			1		123
21	88			1	13	396
43	71		1	1	14	307

	20	50			1	2	190
	2	31					221
	14	82			3	6	387
	8	27				2	204
	7	84			1	7	293
	13	84			2	5	351
	6	95			2		153
	1	40			2	1	91
	7	102					250
	10	68			2	1	277
	4	33			1	2	196
	5	55					196
	11	101			1	2	420
	3	77	1			1	178
	2	79				3	168
	12	121			3	5	393
	15	134			3	13	213
	10	105			1	3	308
		64					85
	8	103				1	307
1	3	62				1	120
	3	83				1	192
	3	153			12		603
	2	60					111
	5	87			2		200
	3	50				1	88
	7	93					159
	2	64	1		1	1	98
	1	89				1	136
	9	106	1		5	2	232
	5	109				3	250
		46				2	57
	4	64				4	243
	4	63		1	1	1	163
	6	86				3	196
	5	50	1		1	1	178
	5	49				2	123
	7	68				2	145
	16	90				7	172

3	65	1		1		110
3	76				5	172
10	95			1		351
7	69	1			9	234
7	74		1	1	4	234
25	65		1	12	22	183
29	90	1	1		10	195
9	20				2	67
8	75			2	3	289
8	109				6	243
7	99			1	3	240
12	5				5	161
11	121				1	628
18	140	1		24	23	233
6	104			6	22	135
2	45			1	4	82
7	92			5	14	318
21	82			2	10	283
21	89				20	250
17	91			1	31	183
21	66				13	245
14	78			5	24	212
17	173		1	1	9	286
17	163		13	3	11	323
12	111		3		14	209
6	121		1	1	14	349
5	162		1		10	286
16	174				14	290
10	138		5	3	12	472
9	87		1	3	11	231
8	142		5	1	29	299
12	171		3	1	23	297
18	140		3		10	243
18	208		9	4	28	402
2	110		2			168
5	122				21	285
10	69		2	3	6	171
4	100		2		2	158
13	147		9	1	21	414

	11	138		1		12	313
	12	77		3		14	214
	5	97		7	1	12	395
	5	76			2	9	238
	16	73	1	7		13	331
	3	66		1		6	284
	1	43		3		3	87
	5	65		1		4	156
	10	65		6	1	18	264
	19	56		4	4	37	307
	7	82		2		10	161
	12	48		7		41	177
	1	67		3	1	15	129
	7	72		1		15	240
	8	56		1		38	225
	1	60		1		13	139
	2	49		1		9	106
	13	106		4	1	17	172
	5	33		1	5	21	200
	4	36		2		11	144
	15	48		2		19	201
	5	54		6	1	14	243
	12	61		6		28	308
	8	66	1	10	2	14	475
	11	34	4	2	1	18	445
	5	32	1	4		7	436
	1	58	5	4		9	172
	1	22		2		1	116
	20	59	1	8	6	17	427
	6	33	2	1	3	9	150
1	23	128	2	5		48	386
	4	62	3		1	15	288
1	13	94	2	1		34	446
	10	86	2	2	2	14	259
	7	61	2		4	5	248
	15	70	4	3	1	24	172
	4	66	1		1	5	89
	4	95	1	1	2	16	83
	3	139	8			13	177

		84	5		1	5	101
	5	138	14	4		5	258
	19	144	5	4		34	308
	19	171	5	2		10	209
	14	111	4	1	1	13	235
	13	102		1		8	247
	24	181	8	1	6	23	319
	17	104	4	5	2	14	172
	21	217	3	1		20	247
	5	105		2		4	155
	17	84		4		8	129
	12	95	3	2	2	5	247
	37	209	4	3	3	10	315
	3	73	2	1	2		143
	16	81		2	3	3	274
	5	107		2		5	196
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2	15	92				4	352
1	2	28		1	3		157
		27				1	124
	4	46				2	79
	4	77				1	160
	6	138		1		22	276
	9	108			1	6	281
	2	46				3	69
	22	91		2	5	30	173
		106			1	6	49
	4	122	3		3	12	62
	2	83		1	1	4	68
		69				5	43
	5	182		1		22	111
	3	105	3		1	17	63
		92				12	44
	4	62				5	30
	2	121			1	14	70
	1	64				3	135
	1	76	1			2	99
	13	109	1			8	92
	1	143				8	245

	3	118				3	35
	3	81		7	1	11	170
	2	74	1			5	216
	17	127		1		7	236
	11	62	2		3	8	230
	3	70	1		5	7	155
	12	70		1		40	255
	6	118			2	2	98
	5	118				2	84
	4	181			2	21	113
	1	87	1			1	97
	23	121		2		82	183
	5	71			1	3	129
	1	134				26	162
		92	1		2		125
	2	58			1	8	68
	10	93		1		10	153
	8	77			1	18	214
	22	70		3	1	58	361
	6	57				16	215
	10	38		3		30	195
	6	71			1	22	124
	7	53		2		26	263
	9	53			1	1	247
	12	49		2	2	9	440
		45		5			94
	7	101		5			203
	5	76				6	133
	41	192		1		11	441
	11	35				1	80
	6	49		1	2	9	171
	4	25				4	106
	1	12				22	148
	3	74	4			23	108
	7	79	1	1	1	13	185
	3	102	1		2	5	151
1	5	131		4		3	223
	2	62	2			9	46
	8	157		3		9	157

	12	104	1		2	3	97
	3	72		4		4	74
	1	27				8	71
	7	63				1	167
		49					89
	4	20		1		6	112
	2	55	3		1	2	203
	5	10			1	7	112
	1	8				4	144
1	3	65			2	8	124
	1	76					100
	6	64	1	2		13	178
	7	116	4			4	276
	14	48				33	264
		19				3	43
	2	54		2	1	7	131
		47				5	55
	8	66			2	2	183
1	1	136				10	384
	19	126				9	241
2	1	42				1	89
	21	67		3	3	39	207
1	2	35				2	54
	41	34		3	1	5	296
	2	88				1	189
1	14	79			3	11	146
3		32				1	11
	4	51				32	85
	9	158				15	155
	11	85			1	29	87
		76			4	16	109
		69		1		8	80
	1	99				9	135
	1	98			3	25	159
	4	67				10	107
	2	116			1	11	198
	4	113	5		2	12	199
	5	72			1	1	132
	2	89	1				205

	13	81			4	2	148
	1	63					123
	6	50	2		2	1	136
	20	63			3	6	309
	23	65	1	1		7	234
	15	39			1	4	255
	53	84	2		2	31	491
1	6	38					102
1	22	68	1		4	1	229
	11	55			2	3	246
1	14	46	1	1	2	5	186
	8	43				2	221
	7	47	3	1	1	5	106
	5	57				1	122
	16	58	5		1	4	121
	3	91				3	393
	5	62		1	1	1	144
	8	71			5	12	182
	4	22			1	1	93
	32	102			2	34	312
	4	116	3		3	14	182
	1	46	1		1	16	202
	6	43			1	5	191
	16	84	2		4	14	326
	4	43				3	127
1	7	59	1		1	4	169
1	3	102				10	199
	5	54	1			4	149
1	16	67	1			9	172
	3	114				5	225
	3	119			1	4	135
		69				1	105

trochospiral benthics	serial benthics	planospiral benthics	agglutinants	miliolids	lagenids	Ostracods
	1					
2	1			1		
1	2	1				
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2	1		1			
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1	3		1			
	3		1			
	2	1				
4	2		3			
1	2				1	
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4		1	1	2		
2	2			1		1
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1				1		
2	1					
2	1			1	1	
1			1			
	1	1				1
	1		1			
1			1			
2	1		1			
2			2			
1			2			
2	1			1		
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	1			1		
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	2		2			
2	4					
1						
	2			2		
	1					
3	1	1	3			
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	2			1		
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			1			1
1	1					
3	1					
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	2					

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	1		1			1
	3		4	1		
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3	5		1	1		
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	2		3			
	1		1			
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2	2	1	3	2		
			2			
4	5		2	1		
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15	6	3				
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2	2		1	2		
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	2		1			
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2	3					
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13	3	4	2	1		

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	2		1			
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5	5	1	1	1		
2	1		1			
	1		3			
	4		2	2		
2	3		1			
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	5	2	5			1
2	2					
18	8		9		9	
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	17			1		
	4			1		
5	8		5			
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3	1					
4	3		5	1		
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2	7		2			
	6					
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3	4	1			1	
7	7		1			
5	4	1	2			

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5	11		4	3	1	
	1		2	1		
7	1		3	1	1	
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2						
2			1			
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1		1				
7	4		3	2	1	
6	7	1				
3	3	1				
2	3		1	1		
1	4		1		2	
3	6			1		
3	3	2	4	1		
7	2					
7	1		4	2	3	
6	2	1	2			
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6	1	4	2			
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3	1		2			
2	2	1	1			
	1		2			
3	2				2	
3			2			
3			1			
9	4		4	2		
5	5		1			
6	8	1	3	2		
3	11	1	2			
2	3		2			
1	3		1			
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2	1			1		
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7	5		3			
4	5		2			
2			1			
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2	1			1		
4	1		1	1		1
1	2			1		
2	2		2	1		
7	9	2	3			
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8	9		3	1		
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1	5	1	1			
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4	3	1	4			
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5	7	2		1		
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4	9			1
5	14		1	4
7	6			4
4	16	1	1	2
24	54	3	3	5
3	17	2		3
6	23	2	5	
5	10		3	1
10	23	2		
3	7		3	
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3		1				
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5	11	2	4	2	1	
6	8		2	1		
1	8					
10	5			3		1
2	3		1	3		
2	3			2		
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8	2		1	1		
13	14	2	6	4		

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11	4	1	1	4	1	
7	5	1	3	1	4	1
5	11	1	2	4	3	
3	27			1		
3	5		1	1		
16	15	3	3	2	1	
	8	1	2	2		
8	13	4	3		6	
4	8		1	1		1
7	12	1				
4					1	
5	9		2	4	1	
5	4		2			
3	4			2		
	5					1
15	8	1			1	
7	8		3	1		
11	9	3		1		
6	30		1	1		
6	27	3		2		
7	37	2	7		2	
5	21	2	1	4	1	
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3	5			1		
4	6	2				
8	8	2	1	2	3	
3	4			1		1
2	2	1				
1	6	1	1			
3	10			1		
2	1		2			
21	7	3	8	3	1	
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4	4		2	2	1	
1	7	1	1	2		1
	7			2		

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1	2				1	1
	2					
4	3			1		
2	5	1	1	1		
10	3	3	2			2
2	3	1	1	1		
7	11	2	2	2	1	
3	18		1			
5	11	1				
3	10	2	1		2	
16	13	3			1	
11	17		2	1		
10	33	1				1
4	13	1				
8	23	2		2	1	1
7	27	1		1		
13	33	3		4		
5	1		1		1	
2	7		1			2
9	65	5	2			
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2	8	3	1			
2			1			
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5	10	1	5	2	2	1
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7	12	1		2		1
3	2		2	1		
	4		2	1	1	

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7	6	1				
17	10	5	2	6	5	1
9	1	1	1		1	
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3	5			1		
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	1	1				
12	3	1			2	
4	1	1	2	1		
5	5	6	2	3	1	2
2	3		3			
6		2		1		
1			2			
12	7		3	2	2	
9	4	2	6	1		
13	2	1	2	5		
2	2				1	
3		2	2			
3	2		3	1		
5			2	3	1	
2			1			
1	3			1	1	1

Gastropods	benthics picked	G. ruber picked	depth (cm)	Age (ka)
	32	15	3	0.24
	38	16	8	0.47
	41	15	13	0.71
	92	12	18	0.95
	47	15	23	1.18
	47	15	28	1.42
	94	15	33	1.66
	81	15	38	1.90
	43	16	43	2.13
	23	16	48	2.37
	17	15	53	2.61
	18	15	58	2.84
	12	16	63	3.08
	10	16	68	3.32
	13	15	73	3.55
	16	16	78	3.79
	12	15	83	4.03
	20	16	88	4.26
	22	15	93	4.50
	15	15	98	4.74
	6	15	103	4.97
	5	15	108	5.21
	28	16	113	5.45
2	11	18	118	5.69
	31	16	123	5.92
	12	16	128	6.16
	21	15	133	6.40
	13	13	138	6.63
	21	16	143	6.87
	32	16	148	7.11
	18	16	153	7.34
	24	16	158	7.58

	31	12	163	7.82
	26	20	168	8.05
	21	17	173	8.29
	21	16	178	8.53
	21	16	183	8.76
	18	13	188	9.00
	18	14	193	9.24
	24	13	198	9.48
	26	13	203	9.71
	30	11	208	9.95
	22	15	213	10.19
	16	18	218	10.42
	16	15	223	10.66
	21	16	228	10.90
	16	15	233	11.13
	22	15	238	11.73
1	17	15	243	11.95
	31	20	248	12.17
	16	15	253	12.39
	6	15	258	12.61
	16	19	263	12.83
	22	15	268	13.05
	20	19	273	13.27
	24	20	278	13.49
	14	16	283	13.71
	12	14	288	13.93
	12	15	293	14.15
	21	20	298	14.37
	10	12	303	14.53
	18	16	308	14.68
	4	20	313	14.84
	9	19	318	14.99
1	9	18	323	15.15
	18	18	328	15.31
1	21	10	333	15.46
1	14	14	338	15.62
	9	10	343	15.78
	21	16	348	15.93
	21	18	353	16.09

1	21	15	358	16.24
	27	16	363	16.40
	17	16	368	16.56
2	18	18	373	16.71
	16	19	378	16.87
4	20	20	383	17.02
1	22	16	388	17.18
	15	13	393	17.34
	40	19	398	17.49
	181	17	403	17.65
	65	13	408	17.80
	61	18	413	17.96
	15	20	418	18.12
	37	20	423	18.27
	19	19	428	18.43
1	56	19	433	18.59
	36	20	438	18.74
	19	20	443	18.90
	11	20	448	19.05
	61	21	453	19.21
	25	18	458	19.37
	62	17	463	19.52
	42	10	468	19.68
	64	15	473	19.83
	60	16	478	19.99
	45	15	483	20.15
	42	16	488	20.30
	50	18	493	20.46
	37	13	498	20.62
	40	16	503	20.77
1	10	15	508	20.93
	63	19	513	21.08
	27	13	518	21.24
1	23	19	523	21.40
	24	20	528	21.55
	86	18	533	21.71
	24	17	538	21.86
2	58	19	543	22.02
	142	16	548	22.18

1	14	11	553	22.33
	46	15	558	22.49
1	11	16	563	22.64
	46	15	568	22.80
	15	17	573	22.96
	37	19	578	23.11
	16	16	583	23.27
	230	19	588	23.43
	52	15	593	23.58
	11	15	598	23.74
	51	20	603	23.89
2	30	19	608	24.05
	54	20	613	24.21
	49	17	618	24.36
	15	19	623	24.52
	41	19	628	24.67
	18	12	633	24.83
	35	18	638	24.99
	13	14	643	25.14
	55	17	648	25.30
	204	12	653	25.46
	47	18	658	25.61
1	31	19	663	25.77
	19	16	668	25.92
	21	19	673	26.08
	8	15	678	26.24
	17	16	683	26.39
	9	12	685	26.55
	20	16	693	26.70
		20	698	26.86
	18	15	703	27.02
	16	13	708	27.17
	31	20	713	27.33
	25	18	718	27.48
	31	18	723	27.64
	26	19	728	27.80
	26	15	733	27.95
	19	20	738	28.11
1	23	19	743	28.27

	30	20	748	28.42
	18	20	753	28.58
	25	20	758	28.73
	31	13	763	28.89
	18	15	768	29.41
	14	16	773	29.94
	26	20	778	30.46
	20	16	783	30.99
1	18	18	788	31.51
	22	18	793	32.03
	37	20	798	32.56
	25	20	803	33.08
	15	20	808	33.61
	27	15	813	34.13
	25	15	818	34.65
	15	18	823	35.18
	27	20	828	35.70
	41	18	833	36.23
	14	18	838	36.75
	24	18	843	37.27
	21	14	846	37.80
	8	16	853	38.32
	16	17	858	38.84
	76	20	863	39.37
	7	20	868	39.89
	24	20	873	40.42
	18	20	878	40.94
	18	20	883	41.46
	21	20	888	41.99
	20	20	893	42.51
	29	20	898	43.04
	22	20	903	43.56
	25	20	908	44.08
	24	20	913	44.61
	23	20	918	45.13
	12	14	923	45.66
	35	20	928	46.18
	29	20	933	46.70
	45	20	938	47.23

	30	20	943	47.75
	40	16	948	48.28
	32	20	953	48.80
	40	20	958	49.32
	50	20	963	49.85
	48	20	968	50.37
	58	20	973	50.89
	66	20	978	51.42
	37	20	983	51.94
1	55	20	988	52.47
	25	20	993	52.99
	46	20	998	53.51
	42	20	1003	54.04
	63	20	1008	54.56
	47	20	1013	55.09
	55	20	1018	55.61
	70	20	1023	56.13
	73	20	1028	56.66
	66	20	1033	57.18
	58	20	1038	57.71
	28	20	1043	58.23
	31	20	1048	58.53
	53	20	1053	58.84
	46	20	1058	59.14
	36	20	1063	59.44
	31	16	1068	59.75
	44	19	1073	60.05
	109	20	1078	60.35
	88	20	1083	60.66
	116	18	1088	60.96
	30	19	1093	61.26
	130	20	1098	61.57
	109	20	1103	61.87
	62	13	1108	62.24
	57	17	1113	62.60
	94	18	1118	62.97
	70	20	1123	63.33
	47	17	1128	63.70
	43	17	1133	64.06

	69	17	1138	64.43
	51	20	1143	64.79
	45	17	1148	65.16
	56	15	1153	65.52
	65	15	1158	65.89
	101	15	1163	66.25
	69	12	1168	66.62
	42	9	1173	66.98
1	59	18	1178	67.35
	101	20	1183	67.71
	95	20	1188	68.08
	84	16	1193	68.44
	74	19	1198	68.81
	68	20	1203	69.17
	73	15	1208	69.54
	68	17	1213	69.90
	41	11	1218	70.27
	66	14	1223	70.63
	61	20	1228	71.31
	56	16	1233	71.63
	29	20	1238	71.94
	26	18	1243	72.25
	126	15	1248	72.57
	38	20	1253	72.88
	160	17	1258	73.52
1	53	17	1263	74.16
	50	18	1268	74.80
	58	20	1273	75.44
	70	20	1278	76.08
	106	17	1283	76.72
	22	16	1288	77.36
	88	19	1293	78.00
	80	13	1298	78.63
1	114	20	1303	79.27
	66	14	1308	79.91
	57	17	1313	80.55
	81	16	1318	81.19
	62	15	1323	81.83
	64	12	1328	82.47

	62	20	1333	83.11
	28	20	1338	83.75
	32	18	1343	84.24
	54	20	1348	84.72
	61	17	1353	85.21
	54	18	1358	85.69
	137	19	1363	86.18
	164	20	1368	86.66
46	118	20	1373	87.15
1	115	14	1378	87.63
2	93	18	1383	88.12
	127	20	1388	88.60
1	147	18	1393	89.09
	74	16	1398	89.57
1	91	17	1403	90.06
	123	18	1408	90.54
2	135	20	1413	91.03
	134	18	1418	91.51
4	100	14	1423	92.00
	40	20	1428	92.49
	54	19	1433	92.97
	30	18	1438	93.46
1	69	18	1443	93.94
2	70	19	1448	94.43
	82	18	1453	94.91
1	64	17	1458	95.40
	111	20	1463	95.88
	77	18	1468	96.37
	55	19	1473	96.85
1	116	16	1478	97.34
	36	16	1483	97.82
	109	14	1488	98.31
	135	19	1493	98.79
	93	19	1498	99.28
	118	17	1503	99.76
	55	20	1508	100.25
	72	18	1513	101.44
1	114	20	1518	102.63
	67	19	1524	103.82

	134	20	1528	105.01
	49	20	1533	106.20
1	103	19	1538	107.39
	44	18	1543	108.58
	49	14	1548	109.77
	15	13	1553	110.96
	92	18	1558	112.15
	76	16	1563	113.34
	39	18	1568	114.52
	33	18	1573	115.71
	67	18	1578	116.90
	81	18	1583	118.09
	65	20	1588	119.28
	93	20	1593	120.47
	70	20	1598	121.66
	43	19	1603	122.85
			1613	124.04
			1623	125.23
			1633	126.42
			1643	127.61
	47	20	1653	128.80
			1663	130.00
			1673	131.76
			1683	133.51
			1693	135.27
	93	20	1703	137.02
			1713	138.78
			1723	140.54
			1733	142.29
			1743	144.05
	137	20	1753	145.80
			1763	147.56
3			1773	149.32
			1783	151.07
			1793	152.83
	103	20	1803	154.58
			1812	156.34
			1823	158.10
			1833	159.85

		1843	161.61
181	19	1853	163.36
		1863	165.12
		1873	166.87
		1883	168.63
		1893	170.39
130	20	1903	172.14
		1912	173.90
		1923	175.65
		1933	177.41
		1943	179.17
137	20	1953	180.92
		1963	182.68
		1973	184.43
		1983	186.19
		1993	187.95
186	20	2003	189.70
		2033	191.46
248	20	2053	193.21
		2073	196.88
65	19	2103	198.78
		2133	199.42
122	18	2153	202.59
		2173	204.50
185	20	2203	206.40
		2233	208.31
205	20	2253	210.21
		2273	212.12
90	21	2303	214.02
		2333	218.73
76	20	2353	221.54
		2373	224.34
68	16	2403	227.15
		2433	229.95
112	19	2453	232.76
		2473	235.56
75	22	2503	238.37
		2533	241.17
126	20	2553	243.98

			2573	246.78
	195	20	2603	249.59
			2633	252.39
	210	20	2653	255.20
			2673	261.29
	102	20	2703	264.58
			2733	267.88
	121	20	2753	271.17
			2773	274.46
	167	20	2803	277.75
			2833	281.05
	111	20	2853	284.34
			2873	287.63
	139	20	2903	291.30
			2933	294.98
	218	20	2953	298.65
			2973	302.33
	202	20	3003	306.00
			3033	309.68
	184	20	3053	313.35
			3073	317.27
	116	18	3103	321.19
			3123	325.11
	66	20	3153	329.03
			3173	331.21
	120	20	3203	333.40
			3233	335.58
	105	20	3253	337.76
			3273	339.94
1	24	20	3303	342.13
			3333	344.31
	92	20	3353	346.49
			3373	348.68
	101	20	3403	350.86
			3433	353.04
	133	20	3453	355.22
			3473	357.41
	119	20	3503	359.59
			3533	361.77

1	213	20	3553	363.95
			3573	366.14
	74	20	3603	374.08
			3633	382.72
	65	18	3653	388.48
			3673	394.24
	98	20	3703	403.33
			3733	410.77
	100	20	3753	412.31
			3773	413.85
	127	24	3803	416.15
			3833	418.46
	79	16	3853	420.00
			3873	423.90
	282	20	3903	429.75
			3933	435.60
	115	15	3953	438.80
			3973	442.00
	166	17	4003	445.20
			4033	448.40
	40	19	4053	451.60
			4073	454.80
	69	20	4103	458.00
			4133	460.88
	56	20	4153	463.75
			4173	466.63
	54	17	4203	469.50
			4233	472.38
	40	20	4253	475.25
1			4273	478.13
	44	20	4303	481.00
			4313	483.88