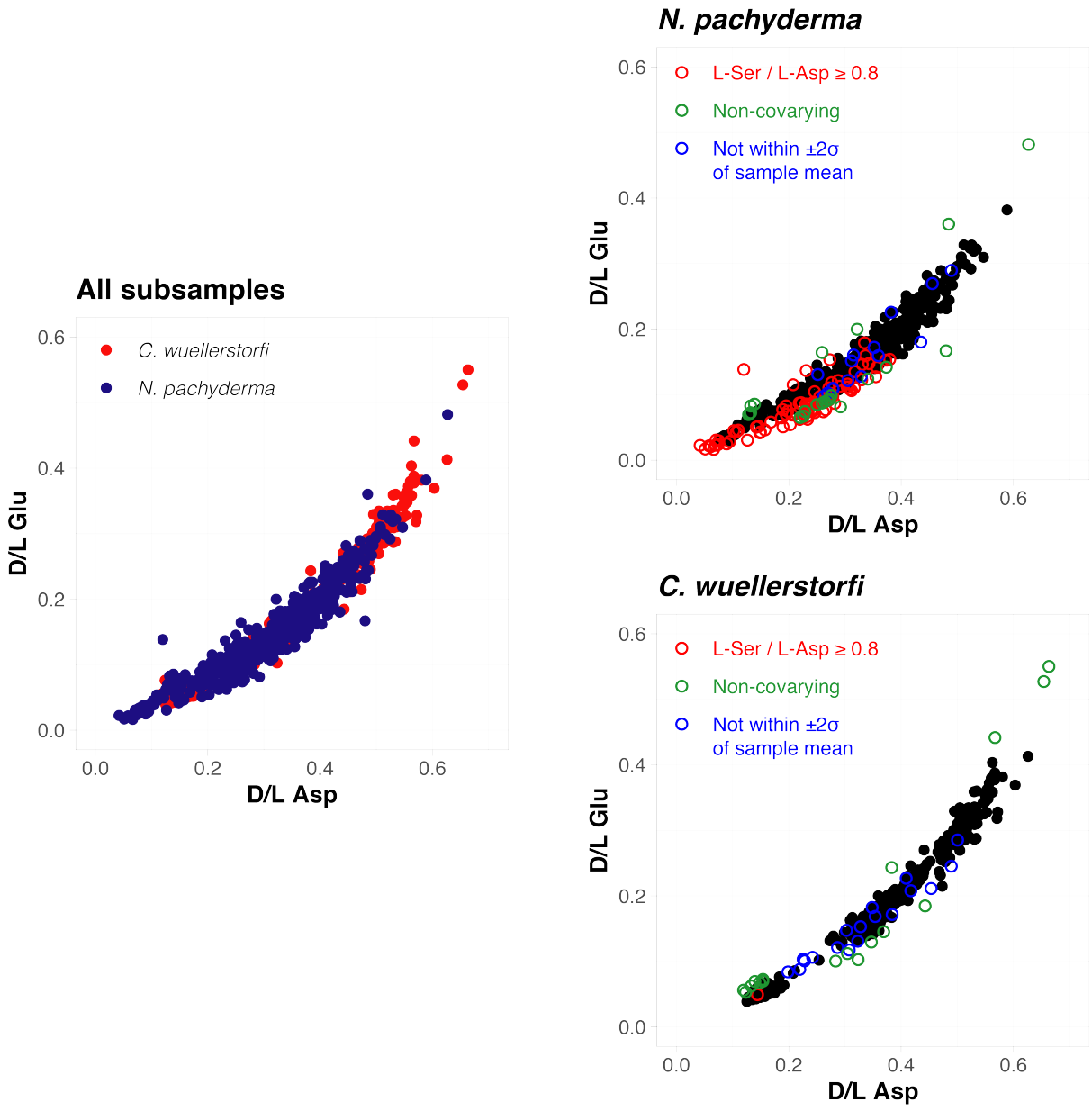
Supplementary Material



Supplementary Figure S1. Covariance of aspartic acid (Asp) and glutamic acid (Glu) in all subsamples prior to data screening (left panel), and following data rejection (right panels) in *N. pachyderma* and *C. wuellerstorfi*. Open symbols represent rejected subsamples.

Supplementary Table S1.

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
15866 A	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.076	0.033	not rejected
15866 B	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.084	0.036	not rejected
15866 C	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.075	0.029	1
15866 D	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.084	0.037	not rejected
15866 E	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.076	0.031	not rejected
15866 F	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.086	0.034	not rejected
15866 G	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10	0.076	0.033	not rejected
15866 H	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	10.5	0.071	0.031	1
15866 I	LOMROG12-PC07	1	9.5-11.5	0.02	N. pachyderma	11.5	0.082	0.033	not rejected
15867 A	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.175	0.075	not rejected
15867 B	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.151	0.063	not rejected
15867 C	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.201	0.082	not rejected
15867 D	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.265	0.130	not rejected
15867 E	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.228	0.094	not rejected
15867 F	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.226	0.104	not rejected
15867 G	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.172	0.068	not rejected
15867 H	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.237	0.114	not rejected
15867 I	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	10	0.192	0.083	not rejected
15867 J	LOMROG12-PC07	1	24.5-26.5	0.165	N. pachyderma	8.5	0.142	0.050	1
15868 A	LOMROG12-PC07	1	39.5-41.5	0.315	N. pachyderma	10	0.259	0.164	2
15868 B	LOMROG12-PC07	1	39.5-41.6	0.315	N. pachyderma	10	0.254	0.132	not rejected
15868 C	LOMROG12-PC07	1	39.5-41.7	0.315	N. pachyderma	10	0.198	0.075	1
15868 D	LOMROG12-PC07	1	39.5-41.8	0.315	N. pachyderma	10	0.281	0.131	not rejected
15868 E	LOMROG12-PC07	1	39.5-41.9	0.315	N. pachyderma	10	0.312	0.136	not rejected
15868 F	LOMROG12-PC07	1	39.5-41.10	0.315	N. pachyderma	10	0.284	0.122	not rejected
15868 G	LOMROG12-PC07	1	39.5-41.11	0.315	N. pachyderma	10	0.254	0.112	not rejected
15868 H	LOMROG12-PC07	1	39.5-41.12	0.315	N. pachyderma	10	0.238	0.102	not rejected
15868 I	LOMROG12-PC07	1	39.5-41.13	0.315	N. pachyderma	10	0.294	0.142	not rejected
15868 J	LOMROG12-PC07	1	39.5-41.14	0.315	N. pachyderma	11	0.258	0.118	not rejected
15869 A	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.312	0.124	not rejected
15869 B	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.295	0.124	not rejected
15869 C	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.336	0.161	not rejected
15869 D	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.246	0.072	1
15869 E	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.290	0.122	not rejected
15869 F	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.245	0.094	not rejected
15869 G	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.284	0.108	not rejected
15869 H	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10			destroyed
15869 I	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	10	0.289	0.115	not rejected
15869 J	LOMROG12-PC07	1	84.5-86.5	0.78	N. pachyderma	3	0.299	0.130	not rejected
15870 A	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	10	0.377	0.188	not rejected
15870 B	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	10	0.339	0.159	not rejected
15870 C	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	10	0.337	0.159	1
15870 D	LOMROG12-PC07	2	17-19	0.98	N. pachyderma				destroyed
15870 E	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	12	0.329	0.135	not rejected
15870 F	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	10	0.342	0.150	not rejected
15870 G	LOMROG12-PC07	2	17-19	0.98	N. pachyderma				destroyed
15870 H	LOMROG12-PC07	2	17-19	0.98	N. pachyderma				destroyed
15870 I	LOMROG12-PC07	2	17-19	0.98	N. pachyderma				destroyed
15870 J	LOMROG12-PC07	2	17-19	0.98	N. pachyderma	7	0.382	0.182	not rejected
15871 A	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.250	0.145	not rejected
15871 B	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.359	0.160	not rejected
15871 C	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.405	0.204	not rejected
15871 D	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.412	0.231	not rejected
15871 E	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.361	0.200	not rejected
15871 F	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.344	0.159	not rejected
15871 G	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.331	0.146	1
15871 H	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	10	0.354	0.181	not rejected
15871 I	LOMROG12-PC07	2	36-38	1.17	N. pachyderma	13	0.291	0.113	1
15872 A	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.417	0.193	not rejected
15872 B	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.447	0.210	not rejected
15872 C	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.423	0.213	not rejected
15872 D	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.206	0.069	1
15872 E	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.375	0.161	not rejected
15872 F	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10	0.120	0.138	1
15872 G	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10.5	0.306	0.112	1
15872 H	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	10.5	0.357	0.147	not rejected
15872 I	LOMROG12-PC07	2	61.5-63.5	1.425	N. pachyderma	7	0.374	0.176	not rejected
15873 A	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.389	0.200	not rejected
15873 B	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.276	0.118	1
15873 C	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.304	0.112	1
15873 D	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.365	0.160	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
15873 E	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.378	0.169	not rejected
15873 F	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.417	0.203	not rejected
15873 G	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.346	0.144	not rejected
15873 H	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	10	0.333	0.149	not rejected
15873 I	LOMROG12-PC07	2	77-79	1.58	N. pachyderma	11	0.344	0.148	not rejected
15874 A	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.351	0.145	not rejected
15874 B	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.058	0.022	1
15874 C	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.418	0.204	not rejected
15874 D	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.269	0.091	2
15874 E	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.401	0.204	not rejected
15874 F	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.305	0.116	1
15874 G	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.366	0.150	not rejected
15874 H	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	10	0.382	0.167	not rejected
15874 I	LOMROG12-PC07	2	91-93	1.72	N. pachyderma	12	0.391	0.171	not rejected
15875 A	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.279	0.120	not rejected
15875 B	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.302	0.147	not rejected
15875 C	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.256	0.104	not rejected
15875 D	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.306	0.136	not rejected
15875 E	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.354	0.153	not rejected
15875 F	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.274	0.100	1
15875 G	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.335	0.137	not rejected
15875 H	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.248	0.087	1
15875 I	LOMROG12-PC07	3	122-124	3.537	N. pachyderma	10	0.271	0.110	1
15876 A	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.266	0.135	not rejected
15876 B	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.337	0.163	not rejected
15876 C	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.386	0.226	not rejected
15876 D	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.388	0.204	not rejected
15876 E	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.364	0.178	not rejected
15876 F	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.367	0.167	not rejected
15876 G	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.329	0.182	not rejected
15876 H	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	10	0.430	0.234	not rejected
15876 I	LOMROG12-PC07	3	134-136	3.657	N. pachyderma	12	0.319	0.174	not rejected
15877 A	LOMROG12-PC07	3	147-149	3.787	N. pachyderma	8	0.288	0.121	1
15877 B	LOMROG12-PC07	3	147-149	3.787	N. pachyderma				destroyed
15877 C	LOMROG12-PC07	3	147-149	3.787	N. pachyderma	9	0.187	0.064	1
15877 D	LOMROG12-PC07	3	147-149	3.787	N. pachyderma	10	0.348	0.174	not rejected
15877 E	LOMROG12-PC07	3	147-149	3.787	N. pachyderma	7	0.231	0.137	1
15878 A	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10	0.414	0.182	not rejected
15878 B	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10	0.318	0.135	1
15878 C	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10	0.222	0.088	1
15878 D	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10			destroyed
15878 E	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10	0.404	0.203	not rejected
15878 F	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	10	0.389	0.195	not rejected
15878 G	LOMROG12-PC07	4	39-41	4.21	N. pachyderma	7	0.353	0.160	not rejected
15879 A	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.344	0.155	not rejected
15879 B	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.334	0.148	not rejected
15879 C	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.409	0.217	not rejected
15879 D	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.313	0.140	not rejected
15879 E	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.348	0.171	not rejected
15879 F	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.338	0.159	not rejected
15879 G	LOMROG12-PC07	4	58.5-60.5	4.405	N. pachyderma	10	0.237	0.085	1
15880 A	LOMROG12-PC07	4	69-71	4.51	N. pachyderma	10	0.287	0.121	not rejected
15880 B	LOMROG12-PC07	4	69-71	4.51	N. pachyderma	10	0.328	0.169	not rejected
15880 C	LOMROG12-PC07	4	69-71	4.51	N. pachyderma	10	0.110	0.046	1
15880 D	LOMROG12-PC07	4	69-71	4.51	N. pachyderma	10	0.246	0.104	1
15880 E	LOMROG12-PC07	4	69-71	4.51	N. pachyderma	8	0.309	0.108	1
17336 A	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.144	0.075	not rejected
17336 B	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.160	0.085	not rejected
17336 C	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.152	0.079	not rejected
17336 D	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.152	0.072	not rejected
17336 E	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.139	0.086	2
17336 F	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.137	0.067	not rejected
17336 G	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.149	0.074	not rejected
17336 H	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.141	0.070	not rejected
17336 I	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.121	0.049	not rejected
17336 J	AO16-9-PC1	1	18 - 20	0.19	N. pachyderma	15	0.117	0.054	not rejected
17337 A	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.208	0.098	not rejected
17337 B	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.216	0.109	not rejected
17337 C	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.204	0.101	not rejected
17337 D	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.224	0.108	not rejected
17337 E	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.252	0.131	3
17337 F	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.223	0.112	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
17337 G	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.209	0.102	not rejected
17337 H	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.205	0.103	not rejected
17337 I	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.192	0.099	not rejected
17337 J	AO16-9-PC1	1	20 - 22	0.21	N. pachyderma	15	0.212	0.107	not rejected
17338 A	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.244	0.088	1
17338 B	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.409	0.242	not rejected
17338 C	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.417	0.246	not rejected
17338 D	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.446	0.282	not rejected
17338 E	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.429	0.243	not rejected
17338 F	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.195	0.083	1
17338 G	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.394	0.199	not rejected
17338 H	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	15	0.189	0.077	1
17338 I	AO16-9-PC1	2	70 - 72	0.97	N. pachyderma	12			destroyed
17339 A	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.322	0.200	2
17339 B	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.419	0.219	not rejected
17339 C	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.485	0.360	2
17339 D	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.450	0.267	not rejected
17339 E	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.238	0.125	not rejected
17339 F	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.260	0.124	not rejected
17339 G	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.459	0.274	not rejected
17339 H	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.449	0.247	not rejected
17339 I	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.366	0.176	not rejected
17339 J	AO16-9-PC1	2	98 - 102	1.26	N. pachyderma	15	0.449	0.260	not rejected
21406 A	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.190	0.071	not rejected
21406 B	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.204	0.080	not rejected
21406 C	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.183	0.070	not rejected
21406 D	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.180	0.069	not rejected
21406 E	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.226	0.067	2
21406 G	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.222	0.096	not rejected
21406 H	LOMROG12-TWC03	TWC	12-14	0.095	N. pachyderma	10	0.180	0.076	not rejected
21407 A	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.352	0.195	not rejected
21407 B	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.319	0.160	not rejected
21407 C	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.322	0.155	not rejected
21407 D	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.345	0.180	not rejected
21407 E	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.311	0.134	not rejected
21407 F	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.345	0.182	not rejected
21407 H	LOMROG12-TWC03	TWC	52-54	0.495	N. pachyderma	10	0.042	0.022	1
21408 A	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.363	0.181	not rejected
21408 B	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.262	0.074	1
21408 C	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.295	0.122	not rejected
21408 D	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.234	0.077	1
21408 E	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.352	0.140	not rejected
21408 F	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.318	0.177	not rejected
21408 G	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.330	0.169	not rejected
21408 H	LOMROG12-PC03	1	57-60	0.505	N. pachyderma	10	0.382	0.190	not rejected
21409 A	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.370	0.196	not rejected
21409 B	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.375	0.196	not rejected
21409 C	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.427	0.235	not rejected
21409 D*	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.220	0.062	1
21409 E	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.386	0.198	not rejected
21409 F	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.400	0.206	not rejected
21409 G	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.388	0.193	not rejected
21409 H	LOMROG12-PC03	1	68-70	0.61	N. pachyderma	10	0.415	0.215	not rejected
21410 A	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.444	0.249	not rejected
21410 B	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.354	0.204	not rejected
21410 C	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.424	0.191	not rejected
21410 D	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.228	0.071	1
21410 E	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.102	0.045	1
21410 F	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.454	0.226	not rejected
21410 G	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.397	0.189	not rejected
21410 H	LOMROG12-PC03	2	2-4	0.761	N. pachyderma	10	0.168	0.058	1
21411 A	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.463	0.233	not rejected
21411 B	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.335	0.179	1
21411 C	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.479	0.257	not rejected
21411 D	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.481	0.240	not rejected
21411 E	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.483	0.244	not rejected
21411 F	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.458	0.232	not rejected
21411 G	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.490	0.290	3
21411 H	LOMROG12-PC03	2	55-57	1.291	N. pachyderma	10	0.444	0.234	not rejected
21412 A	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.469	0.269	not rejected
21412 B	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.366	0.185	not rejected
21412 C	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.312	0.106	1

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
21412 D	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.588	0.382	not rejected
21412 E	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.431	0.229	not rejected
21412 F	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.451	0.250	not rejected
21412 G	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.292	0.132	not rejected
21412 H	LOMROG12-PC03	2	66-68	1.401	N. pachyderma	10	0.422	0.208	not rejected
21413 A	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	10	0.492	0.267	not rejected
21413 B	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	10	0.529	0.319	not rejected
21413 C	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	10	0.627	0.482	2
21413 D	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	10	0.470	0.232	not rejected
21413 E	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	8	0.278	0.098	1
21413 F	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	8	0.146	0.052	1
21413 G	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	8	0.374	0.151	not rejected
21413 H	LOMROG12-PC03	2	81-83	1.551	N. pachyderma	8	0.095	0.028	1
21414 A	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	10	0.126	0.031	1
21414 B	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	10	0.374	0.162	not rejected
21414 C	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	8	0.457	0.211	not rejected
21414 D	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	10	0.498	0.292	not rejected
21414 E	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	8	0.403	0.162	not rejected
21414 F	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	8	0.413	0.175	not rejected
21414 G	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	8	0.439	0.214	not rejected
21414 H	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	8	0.190	0.051	1
21414 I	LOMROG12-PC03	2	86-88	1.601	N. pachyderma	10	0.374	0.142	2
21415 A	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	10	0.338	0.181	not rejected
21415 B	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	10	0.422	0.244	not rejected
21415 C	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	10	0.324	0.126	not rejected
21415 D	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	10	0.459	0.235	not rejected
21415 E	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	8	0.340	0.172	not rejected
21415 F	LOMROG12-PC03	2	104-106	1.781	N. pachyderma	8	0.524	0.292	not rejected
21416 A	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.330	0.123	1
21416 B	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.405	0.231	not rejected
21416 C	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.421	0.230	not rejected
21416 D	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.270	0.097	1
21416 E	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.512	0.328	not rejected
21416 F	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.264	0.089	2
21416 G	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.240	0.075	1
21416 H	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.244	0.075	1
21416 I	LOMROG12-PC03	2	136-138	2.101	N. pachyderma	8	0.350	0.161	not rejected
21587 A	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.097	0.039	not rejected
21587 B	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.098	0.036	not rejected
21587 C	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.095	0.030	not rejected
21587 D	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.105	0.039	not rejected
21587 E	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.087	0.034	not rejected
21587 F	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.089	0.025	1
21587 G	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.051	0.017	1
21587 H	LOMROG07-PC04	–	3-5	0.04	N. pachyderma	10	0.149	0.052	not rejected
21588 A	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.330	0.137	not rejected
21588 B	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.203	0.054	1
21588 C	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.371	0.218	not rejected
21588 D	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.251	0.096	not rejected
21588 E	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.253	0.098	not rejected
21588 F	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.260	0.103	not rejected
21588 G	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.297	0.138	not rejected
21588 H	LOMROG07-PC04	–	13-15	0.14	N. pachyderma	10	0.208	0.115	1
21589 A	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.359	0.150	not rejected
21589 B	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.305	0.115	not rejected
21589 C	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.355	0.157	not rejected
21589 D	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.157	0.046	1
21589 E	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.369	0.164	not rejected
21589 F	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.275	0.099	2
21589 G	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.266	0.077	1
21589 H	LOMROG07-PC04	–	110-112	1.11	N. pachyderma	10	0.234	0.077	1
21590 A	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.374	0.181	not rejected
21590 B	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.329	0.170	not rejected
21590 C	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.304	0.112	not rejected
21590 D	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.243	0.076	1
21590 E	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.066	0.016	1
21590 F	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.294	0.116	not rejected
21590 G	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.233	0.062	1
21590 H	LOMROG07-PC04	–	140-142	1.41	N. pachyderma	10	0.289	0.107	not rejected
21591 A	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.317	0.111	1
21591 B	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.448	0.250	not rejected
21591 C	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.358	0.152	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
21591 D	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.394	0.162	not rejected
21591 E	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.361	0.146	not rejected
21591 F	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.271	0.092	1
21591 G	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.149	0.043	1
21591 H	LOMROG07-PC04	–	171-173	1.72	N. pachyderma	10	0.394	0.164	not rejected
21592 A	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.069	0.023	1
21592 B	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.341	0.124	2
21592 C	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.148	0.042	1
21592 D	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.255	0.097	1
21592 E	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.234	0.073	1
21592 F	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.259	0.090	1
21592 G	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.357	0.140	not rejected
21592 H	LOMROG07-PC04	–	200-202	2.01	N. pachyderma	8	0.230	0.086	1
21594 B	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.186	0.089	not rejected
21594 C	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.379	0.199	not rejected
21594 D	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.245	0.119	not rejected
21594 E	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.195	0.070	1
21594 F	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.234	0.084	1
21594 G	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.061	0.021	1
21594 H	LOMROG07-PC04	–	299-301	3	N. pachyderma	8	0.219	0.087	1
22732 A	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.125	0.062	not rejected
22732 B	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.139	0.066	not rejected
22732 C	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.128	0.070	2
22732 D	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.128	0.067	not rejected
22732 E	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.129	0.070	2
22732 F	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.125	0.062	not rejected
22732 G	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.133	0.067	not rejected
22732 H	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.134	0.066	not rejected
22732 I	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.128	0.064	not rejected
22732 J	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.132	0.072	2
22732 K	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.132	0.083	2
22732 L	PS17 / 1906-2	–	15	0.15	N. pachyderma	12	0.107	0.043	1
22733 A	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.255	0.103	not rejected
22733 B	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.268	0.107	not rejected
22733 C	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.268	0.112	not rejected
22733 D	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.275	0.119	not rejected
22733 E	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.264	0.108	not rejected
22733 F	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	5	0.261	0.109	not rejected
22733 G	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.251	0.101	not rejected
22733 H	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.251	0.097	not rejected
22733 I	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.278	0.124	not rejected
22733 J	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.256	0.105	not rejected
22733 K	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.257	0.112	not rejected
22733 L	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.256	0.122	not rejected
22733 M	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.275	0.122	not rejected
22733 N	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.267	0.119	not rejected
22733 O	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.260	0.105	not rejected
22733 P	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.264	0.116	not rejected
22733 Q	PS17 / 1906-2	–	180.5	1.805	N. pachyderma	12	0.269	0.113	not rejected
22734 A	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.299	0.144	not rejected
22734 B	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.310	0.136	not rejected
22734 C	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.306	0.141	not rejected
22734 D	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.302	0.137	not rejected
22734 E	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.304	0.138	not rejected
22734 F	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.303	0.131	not rejected
22734 G	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.305	0.135	not rejected
22734 H	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.314	0.132	not rejected
22734 I	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.317	0.147	not rejected
22734 J	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.308	0.142	not rejected
22734 K	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.300	0.136	not rejected
22734 L	PS17 / 1906-2	–	200.5	2.005	N. pachyderma	12	0.298	0.136	not rejected
22735 A	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.279	0.108	3
22735 B	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.320	0.142	not rejected
22735 C	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.310	0.141	not rejected
22735 D	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.310	0.140	not rejected
22735 E	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.302	0.129	not rejected
22735 F	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.307	0.139	not rejected
22735 G	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.260	0.087	2
22735 H	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.300	0.130	not rejected
22735 I	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.273	0.093	2
22735 J	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.332	0.152	not rejected
22735 K	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.316	0.153	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22735 L	PS17 / 1906-2	–	210.5	2.105	N. pachyderma	10	0.292	0.081	2
22736 A	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.340	0.164	not rejected
22736 B	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.337	0.155	not rejected
22736 C	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.343	0.156	not rejected
22736 D	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.269	0.105	not rejected
22736 E	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.361	0.172	not rejected
22736 F	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.344	0.170	not rejected
22736 G	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.358	0.185	not rejected
22736 H	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.270	0.103	not rejected
22736 I	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.328	0.157	not rejected
22736 J	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.355	0.179	not rejected
22736 K	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.311	0.137	not rejected
22736 L	PS17 / 1906-2	–	220.5	2.205	N. pachyderma	10	0.353	0.187	not rejected
22737 A	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.349	0.176	not rejected
22737 B	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.328	0.163	not rejected
22737 C	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.349	0.177	not rejected
22737 D	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.343	0.170	not rejected
22737 E	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.339	0.164	not rejected
22737 F	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.305	0.149	not rejected
22737 G	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.359	0.182	not rejected
22737 H	PS17 / 1906-2	–	329	3.29	N. pachyderma	12	0.333	0.160	not rejected
22738 A	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.357	0.180	not rejected
22738 B	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.348	0.170	not rejected
22738 C	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.365	0.191	not rejected
22738 D	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.232	0.066	1
22738 E	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.352	0.166	not rejected
22738 F	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.312	0.151	3
22738 G	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.350	0.175	not rejected
22738 H	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.344	0.167	not rejected
22738 I	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.367	0.191	not rejected
22738 J	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.339	0.166	not rejected
22738 K	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.361	0.187	not rejected
22738 L	PS17 / 1906-2	–	360.5	3.605	N. pachyderma	12	0.363	0.185	not rejected
22739 A	PS17 / 1906-2	–	550.5	5.505	N. pachyderma	frags	0.403	0.189	not rejected
22739 B	PS17 / 1906-2	–	550.5	5.505	N. pachyderma	frags	0.468	0.263	not rejected
22739 C	PS17 / 1906-2	–	550.5	5.505	N. pachyderma	frags	0.460	0.251	not rejected
22739 D	PS17 / 1906-2	–	550.5	5.505	N. pachyderma	frags	0.426	0.205	not rejected
22739 E	PS17 / 1906-2	–	550.5	5.505	N. pachyderma	frags	0.343	0.147	1
22745 A	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	12	0.199	0.094	not rejected
22745 B	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.199	0.076	not rejected
22745 C	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.192	0.085	not rejected
22745 D	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.220	0.065	2
22745 E	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.187	0.071	not rejected
22745 F	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.205	0.081	not rejected
22745 G	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.198	0.077	not rejected
22745 H	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.189	0.070	not rejected
22745 I	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.208	0.078	not rejected
22745 J	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.208	0.078	not rejected
22745 K	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.208	0.085	not rejected
22745 L	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.208	0.085	not rejected
22745 M	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.191	0.095	not rejected
22745 N	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.197	0.081	not rejected
22745 O	ODP 151/ 907A	1H-1	105 - 107	1.05	N. pachyderma	10	0.206	0.085	not rejected
22746 A	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	10	0.288	0.117	not rejected
22746 B	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	10	0.276	0.111	not rejected
22746 C	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	10	0.278	0.116	not rejected
22746 D	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.250	0.085	2
22746 E	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.278	0.116	not rejected
22746 F	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.283	0.118	not rejected
22746 G	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.287	0.111	not rejected
22746 H	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.284	0.114	not rejected
22746 I	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.279	0.114	not rejected
22746 J	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.269	0.102	3
22746 K	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.275	0.111	not rejected
22746 L	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	15	0.275	0.112	not rejected
22746 M	ODP 151/ 907A	1H-2	37 - 39	1.87	N. pachyderma	12	0.289	0.118	not rejected
22747 A	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.282	0.087	1
22747 B	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.337	0.143	not rejected
22747 C	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.312	0.133	not rejected
22747 D	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.325	0.144	not rejected
22747 E	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.336	0.155	not rejected
22747 F	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.327	0.142	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22747 G	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.330	0.151	not rejected
22747 H	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.329	0.145	not rejected
22747 I	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.335	0.153	not rejected
22747 J	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.320	0.145	not rejected
22747 K	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.307	0.133	not rejected
22747 L	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.316	0.140	not rejected
22747 M	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.331	0.161	not rejected
22747 N	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.352	0.172	3
22747 O	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.316	0.145	not rejected
22747 P	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.297	0.133	not rejected
22747 Q	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.310	0.141	not rejected
22747 R	ODP 151/ 907A	1H-2	85 - 87	2.35	N. pachyderma	10	0.340	0.162	not rejected
22748 A	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	10	0.345	0.160	not rejected
22748 B	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	10	0.359	0.175	not rejected
22748 C	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	10	0.361	0.173	not rejected
22748 D	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	10	0.336	0.156	not rejected
22748 E	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.358	0.173	not rejected
22748 F	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.353	0.159	not rejected
22748 G	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.339	0.162	not rejected
22748 H	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.361	0.179	not rejected
22748 I	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.356	0.174	not rejected
22748 J	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.367	0.186	not rejected
22748 K	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.356	0.171	not rejected
22748 L	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.341	0.164	not rejected
22748 M	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.367	0.179	not rejected
22748 N	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.351	0.171	not rejected
22748 O	ODP 151/ 907A	1H-3	6 - 8	3.06	N. pachyderma	15	0.372	0.183	not rejected
22749 A	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.411	0.207	not rejected
22749 B	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.382	0.177	not rejected
22749 C	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.374	0.168	not rejected
22749 D	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.388	0.175	not rejected
22749 E	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.480	0.167	2
22749 F	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.371	0.174	not rejected
22749 G	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	10	0.372	0.182	not rejected
22749 H	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.408	0.206	not rejected
22749 I	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.401	0.196	not rejected
22749 J	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.397	0.195	not rejected
22749 K	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.435	0.180	3
22749 L	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.383	0.186	not rejected
22749 M	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.408	0.211	not rejected
22749 N	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.394	0.203	not rejected
22749 O	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.400	0.196	not rejected
22749 P	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.418	0.191	not rejected
22749 Q	ODP 151/ 907A	1H-4	56 - 58	5.06	N. pachyderma	15	0.418	0.213	not rejected
22750 A	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.388	0.168	not rejected
22750 B	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.386	0.163	not rejected
22750 C	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.413	0.215	not rejected
22750 D	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.398	0.187	not rejected
22750 E	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.395	0.196	not rejected
22750 F	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.368	0.165	not rejected
22750 G	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.367	0.173	not rejected
22750 H	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.456	0.270	3
22750 I	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.396	0.199	not rejected
22750 J	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.393	0.185	not rejected
22750 K	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.386	0.185	not rejected
22750 L	ODP 151/ 907A	1H-5	81 - 83	6.81	N. pachyderma	10	0.383	0.181	not rejected
22751 A	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.476	0.236	not rejected
22751 B	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.355	0.127	1
22751 C	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.515	0.298	not rejected
22751 D	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.461	0.233	not rejected
22751 E	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.486	0.244	not rejected
22751 F	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.534	0.322	not rejected
22751 G	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.481	0.231	not rejected
22751 H	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	10	0.380	0.154	1
22751 I	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	frags	0.373	0.153	1
22751 J	ODP 151/ 907A	2H-6	41 - 43	15.21	N. pachyderma	frags	0.422	0.184	not rejected
22759 A	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.085	0.036	not rejected
22759 B	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.074	0.024	1
22759 C	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.097	0.038	not rejected
22759 D	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.080	0.034	not rejected
22759 E	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.100	0.043	not rejected
22759 F	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.090	0.036	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22759 G	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.094	0.039	not rejected
22759 H	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.078	0.034	not rejected
22759 I	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.100	0.038	not rejected
22759 J	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.134	0.066	not rejected
22759 K	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.171	0.075	not rejected
22759 L	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.135	0.061	not rejected
22759 M	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.161	0.078	not rejected
22759 N	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	10	0.152	0.067	not rejected
22759 O	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	12	0.109	0.054	not rejected
22759 P	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	12	0.100	0.042	not rejected
22759 Q	LOMROG07-PC04	–	2 - 3	0.025	N. pachyderma	12	0.121	0.054	not rejected
22760 A	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.272	0.124	not rejected
22760 B	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.275	0.118	not rejected
22760 C	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.273	0.125	not rejected
22760 D	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.286	0.123	not rejected
22760 E	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.266	0.110	not rejected
22760 F	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.287	0.124	not rejected
22760 G	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.269	0.112	not rejected
22760 H	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.262	0.097	3
22760 I	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.278	0.127	not rejected
22760 J	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.287	0.142	not rejected
22760 K	LOMROG07-PC04	–	22 - 23	0.225	N. pachyderma	12	0.284	0.123	not rejected
22761 A	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	7	0.347	0.172	not rejected
22761 B	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.313	0.145	not rejected
22761 C	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.333	0.158	not rejected
22761 D	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.316	0.157	not rejected
22761 E	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.299	0.132	not rejected
22761 F	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.307	0.145	not rejected
22761 G	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.320	0.139	not rejected
22761 H	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.336	0.169	not rejected
22761 I	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.329	0.168	not rejected
22761 J	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.316	0.149	not rejected
22761 K	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.323	0.155	not rejected
22761 L	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.278	0.110	3
22761 M	LOMROG07-PC04	–	102 - 103	1.025	N. pachyderma	10	0.325	0.147	not rejected
22762 A	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.424	0.235	not rejected
22762 B	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.421	0.238	not rejected
22762 C	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.346	0.153	not rejected
22762 D	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.395	0.206	not rejected
22762 E	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.375	0.202	not rejected
22762 F	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.273	0.153	1
22762 G	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.381	0.198	not rejected
22762 H	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.421	0.228	not rejected
22762 I	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.343	0.142	not rejected
22762 J	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.367	0.179	not rejected
22762 K	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.305	0.121	3
22762 L	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.408	0.190	not rejected
22762 M	LOMROG07-PC04	–	138 - 139	1.385	N. pachyderma	12	0.372	0.173	not rejected
22763 A	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.277	0.102	not rejected
22763 B	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.390	0.197	not rejected
22763 C	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.363	0.175	not rejected
22763 D	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.378	0.184	not rejected
22763 E	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.289	0.115	not rejected
22763 F	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.214	0.071	1
22763 G	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.358	0.162	not rejected
22763 H	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.426	0.236	not rejected
22763 I	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.403	0.190	not rejected
22763 J	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.369	0.177	not rejected
22763 K	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.415	0.203	not rejected
22763 L	LOMROG07-PC04	–	178 - 179	1.785	N. pachyderma	12	0.415	0.209	not rejected
22764 A	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	14	0.480	0.277	not rejected
22764 B	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	14	0.454	0.265	not rejected
22764 C	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	14	0.471	0.289	not rejected
22764 D	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	14	0.453	0.252	not rejected
22764 E	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	13	0.409	0.251	not rejected
22764 F	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	13	0.287	0.156	not rejected
22764 G	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	13	0.362	0.158	not rejected
22764 H	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	13	0.228	0.074	2
22764 I	LOMROG07-PC04	–	202 - 203	2.025	N. pachyderma	10	0.291	0.114	not rejected
22765 A	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.379	0.203	not rejected
22765 B	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.360	0.176	not rejected
22765 C	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.398	0.198	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22765 D	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.370	0.194	not rejected
22765 E	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.384	0.200	not rejected
22765 F	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.359	0.181	not rejected
22765 G	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.390	0.209	not rejected
22765 H	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.381	0.205	not rejected
22765 I	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.386	0.204	not rejected
22765 J	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.367	0.188	not rejected
22765 K	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.371	0.190	not rejected
22765 L	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.362	0.169	not rejected
22765 M	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.378	0.191	not rejected
22765 N	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.378	0.194	not rejected
22765 O	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.382	0.226	3
22765 P	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.400	0.212	not rejected
22765 Q	LOMROG12-PC09	2	26 - 28	0.8	N. pachyderma	10	0.388	0.208	not rejected
22766 A	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.398	0.199	not rejected
22766 B	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.427	0.233	not rejected
22766 C	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.378	0.174	not rejected
22766 D	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.380	0.179	not rejected
22766 E	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.444	0.252	not rejected
22766 F	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.425	0.233	not rejected
22766 G	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.355	0.181	not rejected
22766 H	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.431	0.249	not rejected
22766 I	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.374	0.194	not rejected
22766 J	LOMROG12-PC09	2	71 -73	1.25	N. pachyderma	10	0.393	0.200	not rejected
22767 A	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.444	0.242	not rejected
22767 B	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.429	0.219	not rejected
22767 C	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.477	0.259	not rejected
22767 D	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.315	0.160	3
22767 E	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.399	0.185	not rejected
22767 F	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.425	0.208	not rejected
22767 G	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.426	0.210	not rejected
22767 H	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.409	0.199	not rejected
22767 I	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.431	0.232	not rejected
22767 J	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.377	0.162	not rejected
22767 K	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.435	0.239	not rejected
22767 L	LOMROG12-PC09	2	130 -132	1.84	N. pachyderma	10	0.382	0.174	not rejected
22768 A	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.442	0.235	not rejected
22768 B	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.437	0.238	not rejected
22768 C	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.434	0.237	not rejected
22768 D	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.432	0.231	not rejected
22768 E	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.417	0.200	not rejected
22768 F	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.329	0.128	3
22768 G	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.418	0.216	not rejected
22768 H	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.452	0.252	not rejected
22768 I	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.432	0.228	not rejected
22768 J	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.440	0.232	not rejected
22768 K	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.409	0.204	not rejected
22768 L	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.399	0.188	not rejected
22768 M	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.382	0.171	not rejected
22768 N	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.461	0.267	not rejected
22768 O	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.488	0.272	not rejected
22768 P	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.466	0.265	not rejected
22768 Q	LOMROG12-PC09	2	144 -146	1.98	N. pachyderma	10	0.452	0.251	not rejected
22769 A	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.440	0.259	not rejected
22769 B	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.499	0.296	not rejected
22769 C	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.507	0.310	not rejected
22769 D	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.380	0.224	not rejected
22769 E	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.526	0.328	not rejected
22769 F	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.508	0.305	not rejected
22769 G	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.427	0.211	not rejected
22769 H	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.523	0.323	not rejected
22769 I	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.494	0.282	not rejected
22769 J	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.547	0.310	not rejected
22769 K	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.420	0.241	not rejected
22769 L	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.430	0.248	not rejected
22769 M	LOMROG12-PC09	3	12 - 14	2.16	N. pachyderma	10	0.357	0.142	1
22770 A	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.359	0.159	3
22770 B	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.402	0.203	not rejected
22770 C	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.353	0.185	not rejected
22770 D	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.403	0.210	not rejected
22770 E	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.403	0.199	not rejected
22770 F	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.387	0.194	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22770 G	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.415	0.205	not rejected
22770 H	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.403	0.196	not rejected
22770 I	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.455	0.223	not rejected
22770 J	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.409	0.210	not rejected
22770 K	LOMROG12-PC09	3	136 - 138	3.4	N. pachyderma	10	0.411	0.199	not rejected
17327 A	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.344	0.159	not rejected
17327 B	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.336	0.163	not rejected
17327 C	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.338	0.157	not rejected
17327 D	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.345	0.156	not rejected
17327 E	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.341	0.164	not rejected
17327 F	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.348	0.167	not rejected
17327 G	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.348	0.169	not rejected
17327 H	LOMROG12-TWC03	TWC	24 - 26	0.215	C. wuellerstorfi	5	0.330	0.150	not rejected
17328 A	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.433	0.224	not rejected
17328 B	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.424	0.225	not rejected
17328 C	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.422	0.230	not rejected
17328 D	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.422	0.228	not rejected
17328 E	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.446	0.249	not rejected
17328 F	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.444	0.245	not rejected
17328 G	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	5	0.434	0.233	not rejected
17328 H	LOMROG12-PC03	1	61 - 63	0.54	C. wuellerstorfi	6	0.439	0.241	not rejected
17329 A	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.480	0.282	not rejected
17329 B	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.482	0.270	not rejected
17329 C	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.479	0.278	not rejected
17329 D	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.491	0.286	not rejected
17329 E	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.497	0.297	not rejected
17329 F	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.475	0.284	not rejected
17329 G	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.488	0.288	not rejected
17329 H	LOMROG12-PC03	2	0 - 2	0.741	C. wuellerstorfi	5	0.567	0.442	2
17330 A	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.531	0.309	not rejected
17330 B	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.663	0.550	2
17330 C	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.550	0.354	not rejected
17330 D	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.548	0.325	not rejected
17330 E	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.546	0.342	not rejected
17330 F	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.527	0.312	not rejected
17330 G	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.549	0.343	not rejected
17330 H	LOMROG12-PC03	2	53 - 55	1.271	C. wuellerstorfi	5	0.535	0.310	not rejected
17331 A	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.339	0.155	not rejected
17331 B	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.323	0.131	3
17331 C	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.331	0.142	not rejected
17331 D	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	2	0.321	0.152	not rejected
17331 E	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.350	0.160	not rejected
17331 F	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.343	0.157	not rejected
17331 G	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.343	0.161	not rejected
17331 H	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.363	0.158	not rejected
17331 I	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.349	0.160	not rejected
17331 J	AO16-5-PC1	1	8 - 10	0.09	C. wuellerstorfi	4	0.339	0.148	not rejected
17333 A	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.562	0.403	not rejected
17333 B	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.520	0.334	not rejected
17333 C	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.514	0.320	not rejected
17333 D	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.505	0.317	not rejected
17333 E	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.654	0.527	2
17333 F	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	4	0.521	0.326	not rejected
17333 G	AO16-5-PC1	1	136 - 138	1.37	C. wuellerstorfi	5	0.530	0.336	not rejected
17341 A	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.273	0.132	not rejected
17341 B	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.170	0.054	not rejected
17341 C	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.171	0.057	not rejected
17341 D	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.210	0.086	not rejected
17341 E	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.341	0.164	not rejected
17341 F	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.254	0.102	not rejected
17341 G	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.295	0.129	not rejected
17341 H	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.183	0.067	not rejected
17341 I	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.279	0.139	not rejected
17341 J	AO16-9-PC1	1	18 - 20	0.19	C. wuellerstorfi	4	0.173	0.062	not rejected
17342 A	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.351	0.183	not rejected
17342 B	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.299	0.144	not rejected
17342 C	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.242	0.106	3
17342 D	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.334	0.160	not rejected
17342 E	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.357	0.181	not rejected
17342 F	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.343	0.162	not rejected
17342 G	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.336	0.169	not rejected
17342 H	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.294	0.124	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
17342 I	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.284	0.132	not rejected
17342 J	AO16-9-PC1	1	20 - 22	0.21	C. wuellerstorfi	4	0.334	0.166	not rejected
17343 A	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.505	0.325	not rejected
17343 B	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.497	0.302	not rejected
17343 C	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.507	0.315	not rejected
17343 D	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.511	0.308	not rejected
17343 E	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.494	0.300	not rejected
17343 F	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.501	0.308	not rejected
17343 G	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.503	0.309	not rejected
17343 H	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.504	0.301	not rejected
17343 I	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.500	0.310	not rejected
17343 J	AO16-9-PC1	2	70 - 72	0.97	C. wuellerstorfi	4	0.495	0.329	not rejected
17344 A	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.519	0.320	not rejected
17344 B	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.522	0.312	not rejected
17344 C	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.527	0.328	not rejected
17344 D	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.534	0.329	not rejected
17344 E	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.522	0.321	not rejected
17344 F	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.532	0.331	not rejected
17344 G	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.523	0.309	not rejected
17344 H	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.509	0.324	not rejected
17344 I	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.518	0.325	not rejected
17344 J	AO16-9-PC1	2	98 - 102	1.26	C. wuellerstorfi	4	0.519	0.312	not rejected
17346 A	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.304	0.112	2
17346 B	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.571	0.318	not rejected
17346 C	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.572	0.328	not rejected
17346 D	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.412	0.193	not rejected
17346 E	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.283	0.100	2
17346 F	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.479	0.269	not rejected
17346 G	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.603	0.369	not rejected
17346 H	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.626	0.413	not rejected
17346 I	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.341	0.147	not rejected
17346 J	AO16-9-PC1	3	62 - 64	2.415	C. wuellerstorfi	4	0.581	0.382	not rejected
22724 A	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	2	0.164	0.060	not rejected
22724 B	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	2	0.172	0.061	not rejected
22724 C	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.184	0.060	not rejected
22724 D	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.191	0.064	not rejected
22724 E	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.186	0.059	not rejected
22724 F	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.172	0.062	not rejected
22724 G	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.170	0.052	not rejected
22724 H	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.159	0.059	not rejected
22724 I	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.174	0.052	not rejected
22724 J	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.163	0.067	not rejected
22724 K	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.178	0.059	not rejected
22724 L	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.185	0.063	not rejected
22724 M	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	3	0.173	0.062	not rejected
22724 N	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	4	0.173	0.054	not rejected
22724 O	PS17 / 1906-2	–	15	0.15	C. wuellerstorfi	5	0.176	0.059	not rejected
22725 A	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.318	0.144	not rejected
22725 B	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.336	0.142	not rejected
22725 C	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.287	0.121	3
22725 D	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.340	0.139	not rejected
22725 E	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.328	0.149	not rejected
22725 F	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	2	0.333	0.141	not rejected
22725 G	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.326	0.143	not rejected
22725 H	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3			destroyed
22725 I	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.330	0.137	not rejected
22725 J	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.309	0.163	not rejected
22725 K	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.354	0.169	3
22725 L	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.342	0.142	not rejected
22725 M	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.329	0.149	not rejected
22725 N	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.312	0.142	not rejected
22725 O	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3			destroyed
22725 P	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	3	0.333	0.150	not rejected
22725 Q	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	4	0.329	0.136	not rejected
22725 R	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	4	0.312	0.138	not rejected
22725 S	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	4	0.335	0.142	not rejected
22725 T	PS17 / 1906-2	–	180.5	1.805	C. wuellerstorfi	4	0.308	0.117	3
22726 A	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.376	0.172	not rejected
22726 B	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.383	0.167	not rejected
22726 C	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.336	0.156	not rejected
22726 D	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.348	0.156	not rejected
22726 E	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.357	0.168	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22726 F	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.362	0.158	not rejected
22726 G	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.363	0.165	not rejected
22726 H	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.362	0.161	not rejected
22726 I	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.361	0.147	not rejected
22726 J	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	2	0.335	0.151	not rejected
22726 K	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.347	0.129	2
22726 L	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.351	0.158	not rejected
22726 M	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.352	0.167	not rejected
22726 N	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.327	0.159	not rejected
22726 O	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.360	0.162	not rejected
22726 P	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	3	0.340	0.162	not rejected
22726 Q	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	4	0.366	0.164	not rejected
22726 R	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	4	0.335	0.149	not rejected
22726 S	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	4	0.330	0.156	not rejected
22726 T	PS17 / 1906-2	–	200.5	2.005	C. wuellerstorfi	5	0.337	0.170	not rejected
22727 A	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	2	0.355	0.168	not rejected
22727 B	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	2	0.368	0.182	not rejected
22727 C	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.353	0.173	not rejected
22727 D	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.356	0.173	not rejected
22727 E	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.347	0.170	not rejected
22727 F	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.347	0.167	not rejected
22727 G	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.343	0.176	not rejected
22727 H	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.368	0.173	not rejected
22727 I	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.364	0.163	not rejected
22727 J	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.352	0.170	not rejected
22727 K	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.366	0.166	not rejected
22727 L	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	3	0.354	0.177	not rejected
22727 M	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	4	0.365	0.179	not rejected
22727 N	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	4	0.373	0.175	not rejected
22727 O	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	4	0.360	0.179	not rejected
22727 P	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	4	0.350	0.162	not rejected
22727 Q	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	4	0.353	0.154	not rejected
22727 R	PS17 / 1906-2	–	210.5	2.105	C. wuellerstorfi	5	0.328	0.153	3
22728 A	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.395	0.192	not rejected
22728 B	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.409	0.227	3
22728 C	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.393	0.197	not rejected
22728 D	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.374	0.193	not rejected
22728 E	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.403	0.208	not rejected
22728 F	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	2	0.376	0.201	not rejected
22728 G	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.389	0.210	not rejected
22728 H	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.361	0.175	not rejected
22728 I	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.386	0.195	not rejected
22728 J	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.384	0.206	not rejected
22728 K	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	4	0.391	0.202	not rejected
22728 L	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	4	0.374	0.186	not rejected
22728 M	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.366	0.193	not rejected
22728 N	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.359	0.185	not rejected
22728 O	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.400	0.211	not rejected
22728 P	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.351	0.160	not rejected
22728 Q	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.364	0.182	not rejected
22728 R	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	3	0.375	0.168	not rejected
22728 S	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	4	0.356	0.164	not rejected
22728 T	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	4	0.388	0.190	not rejected
22728 U	PS17 / 1906-2	–	220.5	2.205	C. wuellerstorfi	4	0.401	0.194	not rejected
22729 A	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	2	0.479	0.281	not rejected
22729 B	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	2	0.408	0.205	not rejected
22729 C	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	3	0.383	0.243	2
22729 D	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	3	0.505	0.334	not rejected
22729 E	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	3	0.382	0.201	not rejected
22729 F	PS17 / 1906-2	–	329	3.29	C. wuellerstorfi	frags	0.441	0.270	not rejected
22730 A	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	2	0.359	0.200	not rejected
22730 B	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	2	0.348	0.148	not rejected
22730 C	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	3	0.317	0.135	not rejected
22730 D	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	3	0.346	0.165	not rejected
22730 E	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	3	0.348	0.147	not rejected
22730 F	PS17 / 1906-2	–	360.5	3.605	C. wuellerstorfi	4	0.342	0.167	not rejected
22731 A	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	2	0.484	0.292	not rejected
22731 B	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	2	0.515	0.319	not rejected
22731 C	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	3	0.535	0.360	not rejected
22731 D	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	3	0.530	0.359	not rejected
22731 E	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	3	0.517	0.333	not rejected
22731 F	PS17 / 1906-2	–	550.5	5.505	C. wuellerstorfi	frags	0.522	0.322	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22740 A	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	1	0.164	0.050	not rejected
22740 B	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	1	0.175	0.056	not rejected
22740 C	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	2	0.123	0.053	2
22740 D	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	2	0.153	0.061	not rejected
22740 E	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	2	0.169	0.061	not rejected
22740 F	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	2	0.208	0.082	not rejected
22740 G	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	3	0.127	0.045	not rejected
22740 H	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	3	0.120	0.056	2
22740 I	ODP 151/ 907A	1H-1	105 - 107	1.05	C. wuellerstorfi	frags	0.124	0.076	2
22741 A	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.358	0.153	not rejected
22741 B	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.353	0.158	not rejected
22741 C	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.337	0.146	not rejected
22741 D	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.333	0.169	not rejected
22741 E	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.353	0.164	not rejected
22741 F	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.350	0.142	not rejected
22741 G	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.335	0.140	not rejected
22741 H	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.348	0.182	3
22741 I	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.345	0.149	not rejected
22741 J	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.360	0.165	not rejected
22741 K	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.330	0.139	not rejected
22741 L	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.313	0.167	not rejected
22741 M	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.350	0.154	not rejected
22741 N	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.348	0.156	not rejected
22741 O	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.321	0.132	not rejected
22741 P	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.323	0.151	not rejected
22741 Q	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	2	0.341	0.151	not rejected
22741 R	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	3	0.333	0.151	not rejected
22741 S	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	3	0.314	0.138	not rejected
22741 T	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	3	0.309	0.147	not rejected
22741 U	ODP 151/ 907A	1H-2	37 - 39	1.87	C. wuellerstorfi	3	0.333	0.143	not rejected
22742 A	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	1	0.160	0.067	not rejected
22742 B	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.133	0.062	2
22742 C	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.162	0.067	not rejected
22742 D	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.154	0.054	not rejected
22742 E	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.179	0.061	not rejected
22742 F	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.156	0.067	not rejected
22742 G	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.183	0.076	not rejected
22742 H	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.139	0.069	2
22742 I	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	2	0.154	0.073	2
22742 J	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	3	0.148	0.067	2
22742 K	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	3	0.144	0.060	not rejected
22742 L	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	4	0.147	0.062	not rejected
22742 M	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	4	0.153	0.059	not rejected
22742 N	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	4	0.154	0.070	2
22742 O	ODP 151/ 907A	1H-2	85 - 87	2.35	C. wuellerstorfi	4	0.228	0.101	3
22743 A	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.411	0.230	not rejected
22743 B	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.339	0.153	not rejected
22743 C	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.372	0.176	not rejected
22743 D	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.365	0.175	not rejected
22743 E	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.303	0.147	3
22743 F	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.407	0.218	not rejected
22743 G	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	2	0.406	0.199	not rejected
22743 H	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	3	0.379	0.202	not rejected
22743 I	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	3	0.409	0.229	not rejected
22743 J	ODP 151/ 907A	1H-3	6 - 8	3.06	C. wuellerstorfi	3	0.405	0.202	not rejected
22744 A	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	1	0.489	0.245	3
22744 B	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.530	0.286	not rejected
22744 C	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.551	0.345	not rejected
22744 D	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.567	0.388	not rejected
22744 E	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.508	0.307	not rejected
22744 F	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.563	0.358	not rejected
22744 G	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.553	0.362	not rejected
22744 H	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.539	0.323	not rejected
22744 I	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.555	0.348	not rejected
22744 J	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.535	0.310	not rejected
22744 K	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.552	0.327	not rejected
22744 L	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.534	0.288	not rejected
22744 M	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	2	0.561	0.377	not rejected
22744 N	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	3	0.561	0.380	not rejected
22744 O	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	3	0.557	0.372	not rejected
22744 P	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	3	0.567	0.377	not rejected
22744 Q	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	3	0.558	0.360	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22744 R	ODP 151/ 907A	2H-6	41 - 43	15.21	C. wuellerstorfi	5	0.551	0.350	not rejected
22752 A	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	2	0.141	0.043	not rejected
22752 B	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	2	0.143	0.049	not rejected
22752 C	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	2	0.132	0.043	not rejected
22752 D	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.157	0.046	not rejected
22752 E	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.168	0.061	not rejected
22752 F	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.157	0.054	not rejected
22752 G	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.198	0.084	3
22752 H	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.141	0.045	not rejected
22752 I	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.142	0.048	not rejected
22752 J	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.141	0.043	not rejected
22752 K	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.135	0.043	not rejected
22752 L	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.125	0.039	not rejected
22752 M	LOMROG12-TWC03	TWC	5 - 7	0.025	C. wuellerstorfi	3	0.142	0.047	not rejected
22753 A	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	1	0.136	0.054	not rejected
22753 B	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	1	0.158	0.055	not rejected
22753 C	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	1	0.159	0.050	not rejected
22753 D	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	1	0.149	0.045	not rejected
22753 E	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.150	0.050	not rejected
22753 F	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.162	0.058	not rejected
22753 G	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.135	0.042	not rejected
22753 H	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.167	0.054	not rejected
22753 I	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.226	0.103	3
22753 J	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.142	0.058	not rejected
22753 K	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.150	0.049	not rejected
22753 L	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.220	0.088	3
22753 M	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	2	0.165	0.052	not rejected
22753 N	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	3	0.150	0.052	not rejected
22753 O	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	3	0.144	0.049	1
22753 P	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	3	0.175	0.053	not rejected
22753 Q	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	3	0.167	0.053	not rejected
22753 R	LOMROG12-TWC03	TWC	12 - 14	0.095	C. wuellerstorfi	5	0.183	0.066	not rejected
22754 A	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	2	0.425	0.225	not rejected
22754 B	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	2	0.418	0.215	not rejected
22754 C	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	2	0.407	0.210	not rejected
22754 D	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	2	0.323	0.103	2
22754 E	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.428	0.218	not rejected
22754 F	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.417	0.206	not rejected
22754 G	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.393	0.193	not rejected
22754 H	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.428	0.221	not rejected
22754 I	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.384	0.172	3
22754 J	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	3	0.369	0.145	2
22754 K	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	4	0.402	0.195	not rejected
22754 L	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	4	0.389	0.187	not rejected
22754 M	LOMROG12-PC03	1	59 - 61	0.52	C. wuellerstorfi	6	0.414	0.208	not rejected
22755 A	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	2	0.516	0.324	not rejected
22755 B	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	3	0.502	0.280	not rejected
22755 C	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	3	0.479	0.252	not rejected
22755 D	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	3	0.498	0.285	not rejected
22755 E	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	3	0.506	0.294	not rejected
22755 F	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	4	0.487	0.258	not rejected
22755 G	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	4	0.443	0.185	2
22755 H	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	4	0.473	0.215	not rejected
22755 I	LOMROG12-PC03	2	69 - 71	1.441	C. wuellerstorfi	3	0.470	0.231	not rejected
22756 A	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	2	0.420	0.214	not rejected
22756 B	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	2	0.430	0.239	not rejected
22756 C	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	2	0.425	0.229	not rejected
22756 D	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	2	0.444	0.245	not rejected
22756 E	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	2	0.439	0.231	not rejected
22756 F	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.432	0.235	not rejected
22756 G	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.452	0.253	not rejected
22756 H	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.428	0.232	not rejected
22756 I	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.440	0.242	not rejected
22756 J	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.440	0.236	not rejected
22756 K	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.417	0.208	3
22756 L	LOMROG12-PC09	2	26 - 28	0.8	C. wuellerstorfi	3	0.417	0.246	not rejected
22757 A	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.470	0.260	not rejected
22757 B	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.476	0.266	not rejected
22757 C	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.453	0.211	3
22757 D	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.476	0.267	not rejected
22757 E	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.496	0.278	not rejected
22757 F	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.468	0.237	not rejected

UAL	Core	Section	Interval (cm)	Core depth (m)	Genus/sp.	*n tests	DLAsp	DLGlu	**Rejection criterion
22757 G	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.484	0.257	not rejected
22757 H	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.477	0.264	not rejected
22757 I	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	2	0.480	0.276	not rejected
22757 J	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.477	0.269	not rejected
22757 K	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.471	0.262	not rejected
22757 L	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.478	0.272	not rejected
22757 M	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.472	0.255	not rejected
22757 N	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.485	0.287	not rejected
22757 O	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.483	0.282	not rejected
22757 P	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.500	0.285	3
22757 Q	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.481	0.264	not rejected
22757 R	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.468	0.278	not rejected
22757 S	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.465	0.267	not rejected
22757 T	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	3	0.475	0.271	not rejected
22757 U	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	6	0.472	0.260	not rejected
22757 V	LOMROG12-PC09	2	71 -73	1.25	C. wuellerstorfi	6	0.472	0.259	not rejected
22758 A	LOMROG12-PC09	2	144 -146	1.98	C. wuellerstorfi	2	0.513	0.285	not rejected
22758 B	LOMROG12-PC09	2	144 -146	1.98	C. wuellerstorfi	3	0.521	0.290	not rejected
22758 C	LOMROG12-PC09	2	144 -146	1.98	C. wuellerstorfi	3	0.516	0.299	not rejected
22758 D	LOMROG12-PC09	2	144 -146	1.98	C. wuellerstorfi	3	0.505	0.269	not rejected
22758 E	LOMROG12-PC09	2	144 -146	1.98	C. wuellerstorfi	3	0.483	0.262	not rejected

***n tests = number of foraminifera tests comprising the subsample**

****Rejection criteria are:**

1) L-Ser/L-Asp > 0.8

2) Asp or Glu D/L fall off the covariance trend

3) Asp or Glu D/L > ± 2 σ of group mean