Table S1: Compilation of data synthesized on extinction selectivity according to geographic range and life habit and source from which they were compiled. Source: study from which data were compiled. An asterix is used to denote authors who provided additional data. Class: molluscan class studied (B: bivalve; G: gastropod). Linn: Linnean hierarchical level of study (S: species, SG: subgenus, G: genus). Trait Cat: trait category (GR: geographic range, LH: life habit). Trait: category for geographic range (N: narrow, B: broad) and life habit (E: epifaunal, I: infaunal) data. Start Time: oldest geologic stage of study. End Time: youngest geologic stage of study. Geo: geographic scope of study (G: global, R: regional). Ext: number of taxa that went extinct. Surv: number of taxa that survived. lnorReg: extinction log-odds ratio. SEnorReg: standard error of the log-odds ratio (see explanation in text).

Source	Class	Linn	Trait Cat	Trait	Start Time	End Time	Geo	Ext	Surv	lnor Reg	Var (lnorReg)
Aberhan & Baumiller 2003*	B	S	GR	N	Hettangian	Hettangian	R	6	8	-3.187	0.959
Aberhan & Baumiller 2003*	B	S	GR	B	Hettangian	Hettangian	R	1	47	3.187	0.959
Aberhan & Baumiller 2003*	B	S	GR	N	Sinemurian	Sinemurian	R	6	10	-1.834	0.493
Aberhan & Baumiller 2003*	B	S	GR	B	Sinemurian	Sinemurian	R	4	45	1.834	0.493
Aberhan & Baumiller 2003*	B	S	GR	B	Pliensbachian	Pliensbachian	R	11	10	-0.531	0.252
Aberhan & Baumiller 2003*	B	S	GR	B	Pliensbachian	Pliensbachian	R	23	36	0.531	0.252
Aberhan & Baumiller 2003*	B	S	GR	N	Toarcian	Toarcian	R	13	10	-1.498	0.272
Aberhan & Baumiller 2003*	B	S	GR	B	Toarcian	Toarcian	R	12	43	1.498	0.272
Aberhan & Baumiller 2003*	B	S	GR	N	Hettangian	Hettangian	R	7	4	-3.555	2.451
Aberhan & Baumiller 2003*	B	S	GR	B	Hettangian	Hettangian	R	0	10	3.555	2.451
Aberhan & Baumiller 2003*	B	S	GR	N	Sinemurian	Sinemurian	R	10	18	-2.652	0.843
Aberhan & Baumiller 2003*	B	S	GR	B	Sinemurian	Sinemurian	R	1	37	2.652	0.843
Aberhan & Baumiller 2003*	B	S	GR	N	Pliensbachian	Pliensbachian	R	27	19	-1.842	0.216
Aberhan & Baumiller 2003*	B	S	GR	B	Pliensbachian	Pliensbachian	R	9	42	1.842	0.216
Aberhan & Baumiller 2003*	B	S	GR	N	Toarcian	Toarcian	R	20	6	-1.622	0.301
Aberhan & Baumiller 2003*	B	S	GR	B	Toarcian	Toarcian	R	16	26	1.622	0.301
Aberhan & Baumiller 2003*	B	S	LH	I	Hettangian	Hettangian	R	4	29	-0.144	0.580
Aberhan & Baumiller 2003*	B	S	LH	E	Hettangian	Hettangian	R	3	26	0.144	0.580
Aberhan & Baumiller 2003*	B	S	LH	I	Sinemurian	Sinemurian	R	13	31	-0.480	0.300
Aberhan & Baumiller 2003*	B	S	LH	E	Sinemurian	Sinemurian	R	6	24	0.480	0.300
Aberhan & Baumiller 2003*	B	S	LH	I	Pliensbachian	Pliensbachian	R	22	23	-0.588	0.210
Aberhan & Baumiller 2003*	B	S	LH	E	Pliensbachian	Pliensbachian	R	12	23	0.588	0.210
Aberhan & Baumiller 2003*	B	S	LH	I	Toarcian	Toarcian	R	11	29	0.418	0.231
Aberhan & Baumiller 2003*	B	S	LH	E	Toarcian	Toarcian	R	14	24	-0.418	0.231

Aberhan & Baumiller 2003*	B	S	LH	I	Hettangian	Hettangian	R	4	3	-1.441	0.881
Aberhan & Baumiller 2003*	B	S	LH	E	Hettangian	Hettangian	R	3	11	1.441	0.881
Aberhan & Baumiller 2003*	B	S	LH	I	Sinemurian	Sinemurian	R	6	26	-0.274	0.407
Aberhan & Baumiller 2003*	B	S	LH	E	Sinemurian	Sinemurian	R	5	29	0.274	0.407
Aberhan & Baumiller 2003*	B	S	LH	I	Pliensbachian	Pliensbachian	R	48	28	-1.601	0.173
Aberhan & Baumiller 2003*	B	S	LH	E	Pliensbachian	Pliensbachian	R	11	33	1.601	0.173
Aberhan & Baumiller 2003*	B	S	LH	I	Toarcian	Toarcian	R	19	14	-0.352	0.231
Aberhan & Baumiller 2003*	B	S	LH	E	Toarcian	Toarcian	R	17	18	0.352	0.231
Bretsky 1973	B	G	GR	B	Oxfordian	Tithonian	G	27	103	0.948	0.101
Bretsky 1973	B	G	GR	N	Oxfordian	Tithonian	G	30	44	-0.948	0.101
Bretsky 1973	B	G	GR	B	Aalenian	Callovian	G	9	92	1.177	0.215
Bretsky 1973	B	G	GR	N	Aalenian	Callovian	G	13	40	-1.177	0.215
Bretsky 1973	B	G	GR	B	Hettangian	Toarcian	G	7	79	1.725	0.214
Bretsky 1973	B	G	GR	N	Hettangian	Toarcian	G	22	42	-1.725	0.214
Bretsky 1973	B	G	GR	B	Carnian	Rhaetian	G	33	72	0.662	0.080
Bretsky 1973	B	G	GR	N	Carnian	Rhaetian	G	51	57	-0.662	0.080
Bretsky 1973	B	G	GR	B	Anisian	Ladinian	G	0	42	3.681	2.163
Bretsky 1973	B	G	GR	N	Anisian	Ladinian	G	10	22	-3.681	2.163
Bretsky 1973	B	G	GR	B	Induan	Olenekian	G	3	33	0.792	1.136
Bretsky 1973	B	G	GR	N	Induan	Olenekian	G	1	6	-0.792	1.136
Bretsky 1973	B	G	GR	B	Changhsingian	Changhsingian	G	34	46	0.298	0.148
Bretsky 1973	B	G	GR	N	Changhsingian	Changhsingian	G	20	20	-0.298	0.148
Bretsky 1973	B	G	GR	B	Asselian	Kungurian	G	9	52	0.939	0.219
Bretsky 1973	B	G	GR	N	Asselian	Kungurian	G	15	33	-0.939	0.219
Bretsky 1973	B	G	GR	B	Kasimovian	Gzhelian	G	7	46	1.550	0.340
Bretsky 1973	B	G	GR	N	Kasimovian	Gzhelian	G	9	12	-1.550	0.340
Bretsky 1973	B	G	GR	B	Bashkirian	Bashkirian	G	0	46	2.798	2.806
Bretsky 1973	B	G	GR	N	Bashkirian	Bashkirian	G	1	8	-2.798	2.806
Bretsky 1973	B	G	GR	B	Serpukhovian	Serpukhovian	G	2	42	2.197	0.763
Bretsky 1973	B	G	GR	N	Serpukhovian	Serpukhovian	G	4	8	-2.197	0.763
Bretsky 1973	B	G	GR	B	Tournaisian	Tournaisian	G	3	39	-0.285	2.444
Bretsky 1973	B	G	GR	N	Tournaisian	Tournaisian	G	0	7	0.285	2.444
Bretsky 1973	B	G	GR	B	Frasnian	Famennian	G	25	33	0.165	0.177
Bretsky 1973	B	G	GR	N	Frasnian	Famennian	G	17	19	-0.165	0.177
Bretsky 1973	B	G	GR	B	Eifelian	Givetian	G	7	37	0.896	0.279
Bretsky 1973	B	G	GR	N	Eifelian	Givetian	G	12	25	-0.896	0.279
Bretsky 1973	B	G	GR	B	Lochkovian	Emsian	G	3	36	1.634	0.416
Bretsky 1973	B	G	GR	N	Lochkovian	Emsian	G	14	29	-1.634	0.416

Bretsky 1973	B	G	GR	B	Gorstian	Pridolian	G	4	25	1.116	0.408
Bretsky 1973	B	G	GR	N	Gorstian	Pridolian	G	10	19	-1.116	0.408
Bretsky 1973	B	G	GR	B	Sheinwoodian	Homerian	G	3	21	0.953	0.482
Bretsky 1973	B	G	GR	N	Sheinwoodian	Homerian	G	9	22	-0.953	0.482
Bretsky 1973	B	G	GR	B	Rhuddanian	Telychian	G	2	18	-0.119	1.201
Bretsky 1973	B	G	GR	N	Rhuddanian	Telychian	G	1	12	0.119	1.201
Bretsky 1973	B	G	GR	B	Sandblian	Hirnantian	G	6	20	0.951	0.269
Bretsky 1973	B	G	GR	N	Sandblian	Hirnantian	G	27	33	-0.951	0.269
Bretsky 1973	B	G	GR	B	Dapingian	Darriwilian	G	0	14	2.758	2.169
Bretsky 1973	B	G	GR	N	Dapingian	Darriwilian	G	15	28	-2.758	2.169
Bretsky 1973	B	G	GR	B	Tremadocian	Floian	G	0	3	1.511	2.585
Bretsky 1973	B	G	GR	N	Tremadocian	Floian	G	5	8	-1.511	2.585
Crampton et al. 2010*	B	S	GR	N	Priabonian	Priabonian	R	16	5	-1.099	0.478
Crampton et al. 2010*	B	S	GR	B	Priabonian	Priabonian	R	8	8	1.099	0.478
Crampton et al. 2010*	B	S	GR	N	Rupelian	Rupelian	R	1	2	-2.434	3.172
Crampton et al. 2010*	B	S	GR	B	Rupelian	Rupelian	R	0	9	2.434	3.172
Crampton et al. 2010*	B	S	GR	N	Chattian	Chattian	R	18	12	-0.559	0.246
Crampton et al. 2010*	B	S	GR	B	Chattian	Chattian	R	16	19	0.559	0.246
Crampton et al. 2010*	B	S	GR	N	Aquitanian	Aquitanian	R	9	20	-0.911	0.370
Crampton et al. 2010*	B	S	GR	B	Aquitanian	Aquitanian	R	5	29	0.911	0.370
Crampton et al. 2010*	B	S	GR	N	Burdigalian	Burdigalian	R	6	34	-0.568	0.384
Crampton et al. 2010*	B	S	GR	B	Burdigalian	Burdigalian	R	5	51	0.568	0.384
Crampton et al. 2010*	B	S	GR	N	Langhian	Langhian	R	29	6	-1.479	0.254
Crampton et al. 2010*	B	S	GR	B	Langhian	Langhian	R	30	29	1.479	0.254
Crampton et al. 2010*	B	S	GR	N	Serravallian	Serravallian	R	2	10	-0.099	0.716
Crampton et al. 2010*	B	S	GR	B	Serravallian	Serravallian	R	5	25	0.099	0.716
Crampton et al. 2010*	B	S	GR	N	Tortonian	Tortonian	R	4	20	0.700	0.423
Crampton et al. 2010*	B	S	GR	B	Tortonian	Tortonian	R	9	21	-0.700	0.423
Crampton et al. 2010*	B	S	GR	N	Messinian	Messinian	R	14	14	-0.071	0.281
Crampton et al. 2010*	B	S	GR	B	Messinian	Messinian	R	13	14	0.071	0.281
Crampton et al. 2010*	B	S	GR	N	Zanclean	Zanclean	R	18	11	-0.566	0.323
Crampton et al. 2010*	B	S	GR	B	Zanclean	Zanclean	R	10	11	0.566	0.323
Crampton et al. 2010*	G	S	GR	N	Priabonian	Priabonian	R	36	8	-0.710	0.473
Crampton et al. 2010*	G	S	GR	B	Priabonian	Priabonian	R	9	4	0.710	0.473
Crampton et al. 2010*	G	S	GR	N	Rupelian	Rupelian	R	1	7	-0.588	3.022
Crampton et al. 2010*	G	S	GR	B	Rupelian	Rupelian	R	0	4	0.588	3.022
Crampton et al. 2010*	G	S	GR	N	Chattian	Chattian	R	25	24	-1.264	0.253
Crampton et al. 2010*	G	S	GR	B	Chattian	Chattian	R	7	25	1.264	0.253

Crampton et al. 2010*	G	S	GR	N	Aquitanian	Aquitanian	R	41	36	-1.343	0.148
Crampton et al. 2010*	G	S	GR	B	Aquitanian	Aquitanian	R	13	45	1.343	0.148
Crampton et al. 2010*	G	S	GR	N	Burdigalian	Burdigalian	R	4	115	0.412	0.423
Crampton et al. 2010*	G	S	GR	B	Burdigalian	Burdigalian	R	5	93	-0.412	0.423
Crampton et al. 2010*	G	S	GR	N	Langhian	Langhian	R	98	22	-0.446	0.099
Crampton et al. 2010*	G	S	GR	B	Langhian	Langhian	R	85	30	0.446	0.099
Crampton et al. 2010*	G	S	GR	N	Serravallian	Serravallian	R	43	21	-2.108	0.236
Crampton et al. 2010*	G	S	GR	B	Serravallian	Serravallian	R	7	30	2.108	0.236
Crampton et al. 2010*	G	S	GR	N	Tortonian	Tortonian	R	12	24	-0.162	0.246
Crampton et al. 2010*	G	S	GR	B	Tortonian	Tortonian	R	11	26	0.162	0.246
Crampton et al. 2010*	G	S	GR	N	Messinian	Messinian	R	29	10	-1.234	0.264
Crampton et al. 2010*	G	S	GR	B	Messinian	Messinian	R	13	16	1.234	0.264
Crampton et al. 2010*	G	S	GR	N	Zanclean	Zanclean	R	27	21	-0.045	0.218
Crampton et al. 2010*	G	S	GR	B	Zanclean	Zanclean	R	16	13	0.045	0.218
Crampton et al. 2010*	G	S	LH	I	Priabonian	Priabonian	R	20	8	-1.081	0.570
Crampton et al. 2010*	G	S	LH	E	Priabonian	Priabonian	R	4	5	1.081	0.570
Crampton et al. 2010*	G	S	LH	I	Rupelian	Rupelian	R	1	7	-0.788	2.982
Crampton et al. 2010*	G	S	LH	E	Rupelian	Rupelian	R	0	5	0.788	2.982
Crampton et al. 2010*	G	S	LH	I	Chattian	Chattian	R	25	25	0.379	0.338
Crampton et al. 2010*	G	S	LH	E	Chattian	Chattian	R	9	6	-0.379	0.338
Crampton et al. 2010*	G	S	LH	I	Aquitanian	Aquitanian	R	11	41	0.521	0.530
Crampton et al. 2010*	G	S	LH	E	Aquitanian	Aquitanian	R	3	7	-0.521	0.530
Crampton et al. 2010*	G	S	LH	I	Burdigalian	Burdigalian	R	9	76	0.751	0.624
Crampton et al. 2010*	G	S	LH	E	Burdigalian	Burdigalian	R	2	9	-0.751	0.624
Crampton et al. 2010*	G	S	LH	I	Langhian	Langhian	R	54	30	-0.580	0.415
Crampton et al. 2010*	G	S	LH	E	Langhian	Langhian	R	5	5	0.580	0.415
Crampton et al. 2010*	G	S	LH	I	Serravallian	Serravallian	R	6	29	0.724	0.770
Crampton et al. 2010*	G	S	LH	E	Serravallian	Serravallian	R	2	5	-0.724	0.770
Crampton et al. 2010*	G	S	LH	I	Tortonian	Tortonian	R	13	33	-0.701	0.904
Crampton et al. 2010*	G	S	LH	E	Tortonian	Tortonian	R	1	7	0.701	0.904
Crampton et al. 2010*	G	S	LH	I	Messinian	Messinian	R	24	21	-0.893	0.506
Crampton et al. 2010*	G	S	LH	E	Messinian	Messinian	R	3	7	0.893	0.506
Crampton et al. 2010*	G	S	LH	I	Zanclean	Zanclean	R	6	18	0.566	0.457
Crampton et al. 2010*	G	S	LH	E	Zanclean	Zanclean	R	6	10	-0.566	0.457
Crampton et al. 2010*	G	S	LH	I	Piacenzian	Piacenzian	R	29	19	-0.525	0.308
Crampton et al. 2010*	G	S	LH	E	Piacenzian	Piacenzian	R	8	9	0.525	0.308
Crampton et al. 2010*	B	S	LH	I	Priabonian	Priabonian	R	14	6	0.776	0.408
Crampton et al. 2010*	B	S	LH	E	Priabonian	Priabonian	R	31	6	-0.776	0.408

Crampton et al. 2010*	B	S	LH	I	Rupelian	Rupelian	R	0	6	1.266	3.002
Crampton et al. 2010*	B	S	LH	E	Rupelian	Rupelian	R	1	5	-1.266	3.002
Crampton et al. 2010*	B	S	LH	I	Chattian	Chattian	R	13	12	-1.450	0.286
Crampton et al. 2010*	B	S	LH	E	Chattian	Chattian	R	9	37	1.450	0.286
Crampton et al. 2010*	B	S	LH	I	Aquitanian	Aquitanian	R	8	13	0.090	0.228
Crampton et al. 2010*	B	S	LH	E	Aquitanian	Aquitanian	R	46	67	-0.090	0.228
Crampton et al. 2010*	B	S	LH	I	Burdigalian	Burdigalian	R	2	30	-0.368	0.544
Crampton et al. 2010*	B	S	LH	E	Burdigalian	Burdigalian	R	9	167	0.368	0.544
Crampton et al. 2010*	B	S	LH	I	Langhian	Langhian	R	17	17	1.546	0.152
Crampton et al. 2010*	B	S	LH	E	Langhian	Langhian	R	152	32	-1.546	0.152
Crampton et al. 2010*	B	S	LH	I	Serravallian	Serravallian	R	4	16	0.230	0.400
Crampton et al. 2010*	B	S	LH	E	Serravallian	Serravallian	R	11	33	-0.230	0.400
Crampton et al. 2010*	B	S	LH	I	Tortonian	Tortonian	R	5	19	0.733	0.319
Crampton et al. 2010*	B	S	LH	E	Tortonian	Tortonian	R	18	31	-0.733	0.319
Crampton et al. 2010*	B	S	LH	I	Messinian	Messinian	R	11	12	0.827	0.269
Crampton et al. 2010*	B	S	LH	E	Messinian	Messinian	R	30	14	-0.827	0.269
Crampton et al. 2010*	B	S	LH	I	Zanclean	Zanclean	R	19	10	-0.619	0.228
Crampton et al. 2010*	B	S	LH	E	Zanclean	Zanclean	R	24	24	0.619	0.228
Crampton et al. 2010*	B	S	LH	I	Piacenzian	Piacenzian	R	17	4	-0.380	0.346
Crampton et al. 2010*	B	S	LH	E	Piacenzian	Piacenzian	R	54	20	0.380	0.346
Elder 1989	B	S	LH	E	Cenomanian	Cenomanian	R	15	14	-0.954	0.537
Elder 1989	B	S	LH	I	Cenomanian	Cenomanian	R	3	8	0.954	0.537
Elder 1989	B	S	LH	E	Turonian	Turonian	R	3	13	-1.595	2.465
Elder 1989	B	S	LH	I	Turonian	Turonian	R	0	9	1.595	2.465
Hansen et al. 1993a	B	S	LH	I	Maastrichtian	Maastrichtian	R	42	8	-0.420	0.265
Hansen et al. 1993a	B	S	LH	E	Maastrichtian	Maastrichtian	R	34	10	0.420	0.265
Harnik 2011	B	S	GR	N	Danian	Danian	R	10	2	-1.435	1.067
Harnik 2011	B	S	GR	B	Danian	Danian	R	3	3	1.435	1.067
Harnik 2011	B	S	GR	N	Thanetian	Thanetian	R	2	2	-1.299	1.648
Harnik 2011	B	S	GR	B	Thanetian	Thanetian	R	1	5	1.299	1.648
Harnik 2011	B	S	GR	N	Ypresian	Ypresian	R	19	4	-0.468	0.664
Harnik 2011	B	S	GR	B	Ypresian	Ypresian	R	9	3	0.468	0.664
Harnik 2011	B	S	GR	N	Lutetian	Lutetian	R	19	5	-0.803	0.425
Harnik 2011	B	S	GR	B	Lutetian	Lutetian	R	13	8	0.803	0.425
Harnik 2011	B	S	GR	N	Bartonian	Bartonian	R	19	2	-1.266	0.645
Harnik 2011	B	S	GR	B	Bartonian	Bartonian	R	16	7	1.266	0.645
Harnik 2011	B	S	GR	N	Priabonian	Priabonian	R	5	1	-0.552	1.176
Harnik 2011	B	S	GR	B	Priabonian	Priabonian	R	9	4	0.552	1.176

Hautmann et al. 2008	B	S	LH	E	Rhaetian	Rhaetian	R	3	4	0.588	1.194
Hautmann et al. 2008	B	S	LH	I	Rhaetian	Rhaetian	R	3	2	-0.588	1.194
Heinberg 1999	B	S	LH	I	Maastrichtian	Maastrichtian	R	37	19	1.099	0.258
Heinberg 1999	B	S	LH	E	Maastrichtian	Maastrichtian	R	37	6	-1.099	0.258
Jablonski 1986	B	G	GR	N	Maastrichtian	Maastrichtian	R	21	2	-2.344	0.489
Jablonski 1986	B	G	GR	B	Maastrichtian	Maastrichtian	R	42	51	2.344	0.489
Jablonski 1986	G	G	GR	N	Maastrichtian	Maastrichtian	R	46	7	-1.921	0.193
Jablonski 1986	G	G	GR	B	Maastrichtian	Maastrichtian	R	49	54	1.921	0.193
Jablonski 2005	G	G	GR	N	Maastrichtian	Maastrichtian	R	63	35	-0.390	0.236
Jablonski 2005	G	G	GR	B	Maastrichtian	Maastrichtian	R	11	9	0.390	0.236
Jablonski & Raup 1995	B	G	LH	I	Maastrichtian	Maastrichtian	G	114	84	-0.164	0.061
Jablonski & Raup 1995	B	G	LH	E	Maastrichtian	Maastrichtian	G	53	46	0.164	0.061
Knoll et al. 1996	B	S	LH	E	Capitanian	Capitanian	G	48	41	-1.422	0.278
Knoll et al. 1996	B	S	LH	I	Capitanian	Capitanian	G	5	19	1.422	0.278
Knoll et al. 1996	B	S	LH	E	Changhsingian	Changhsingian	G	16	20	-1.309	0.596
Knoll et al. 1996	B	S	LH	I	Changhsingian	Changhsingian	G	2	11	1.309	0.596
Knoll et al. 1996	B	S	LH	E	Wordian	Wordian	G	13	73	-0.410	0.536
Knoll et al. 1996	B	S	LH	I	Wordian	Wordian	G	2	20	0.410	0.536
Knoll et al. 1996	B	S	LH	E	Wuchiapingian	Wuchiapingian	G	16	32	0.292	0.289
Knoll et al. 1996	B	S	LH	I	Wuchiapingian	Wuchiapingian	G	8	12	-0.292	0.289
Knoll et al. 2007	B	G	LH	I	Changhsingian	Changhsingian	G	4	12	1.115	0.395
Knoll et al. 2007	B	G	LH	E	Changhsingian	Changhsingian	G	22	20	-1.115	0.395
Lockwood 2003	B	SG	LH	E	Maastrichtian	Maastrichtian	R	56	53	0.057	0.059
Lockwood 2003	B	SG	LH	I	Maastrichtian	Maastrichtian	R	94	84	-0.057	0.059
McClure & Bohanak 1995	B	G	LH	I	Maastrichtian	Maastrichtian	R	11	13	-0.191	0.340
McClure & Bohanak 1995	B	G	LH	E	Maastrichtian	Maastrichtian	R	9	13	0.191	0.340
McRoberts & Newton 1995	B	S	LH	I	Rhaetian	Rhaetian	R	18	0	-3.611	2.214
McRoberts & Newton 1995	B	S	LH	E	Rhaetian	Rhaetian	R	12	12	3.611	2.214
McRoberts & Newton 1995	B	S	LH	I	Rhaetian	Rhaetian	R	16	0	-1.817	2.276
McRoberts & Newton 1995	B	S	LH	E	Rhaetian	Rhaetian	R	29	5	1.817	2.276
McRoberts & Newton 1995	B	S	LH	I	Rhaetian	Rhaetian	R	12	1	-1.022	1.128
McRoberts & Newton 1995	B	S	LH	E	Rhaetian	Rhaetian	R	10	3	1.022	1.128
Payne et al. 2011	G	G	GR	N	Asselian	Sakmarian	G	1	40	2.197	3.358
Payne et al. 2011	G	G	GR	B	Asselian	Sakmarian	G	0	1	-2.197	3.358
Payne et al. 2011	G	G	GR	N	Artinskian	Artinskian	G	9	32	-1.335	2.290
Payne et al. 2011	G	G	GR	B	Artinskian	Artinskian	G	0	6	1.335	2.290
Payne et al. 2011	G	G	GR	N	Kungurian	Kungurian	G	25	52	-3.285	2.095
Payne et al. 2011	G	G	GR	B	Kungurian	Kungurian	G	0	27	3.285	2.095

Payne et al. 2011	G	G	GR	N	Roadian	Roadian	G	13	39	-0.025	2.766
Payne et al. 2011	G	G	GR	B	Roadian	Roadian	G	0	1	0.025	2.766
Payne et al. 2011	G	G	GR	N	Wordian	Capitanian	G	22	26	0.164	4.082
Payne et al. 2011	G	G	GR	N	Wuchiapingian	Wuchiapingian	G	15	32	-0.869	2.495
Payne et al. 2011	G	G	GR	B	Wuchiapingian	Wuchiapingian	G	0	2	0.869	2.495
Payne et al. 2011	G	G	GR	N	Changhsingian	Changhsingian	G	48	4	-3.013	0.583
Payne et al. 2011	G	G	GR	B	Changhsingian	Changhsingian	G	4	8	3.013	0.583
Payne et al. 2011	G	G	GR	N	Induan	Olenekian	G	4	14	2.269	2.958
Payne et al. 2011	G	G	GR	B	Induan	Olenekian	G	1	0	-2.269	2.958
Payne et al. 2011	G	G	GR	N	Anisian	Anisian	G	16	71	-2.504	2.112
Payne et al. 2011	G	G	GR	B	Anisian	Anisian	G	0	26	2.504	2.112
Payne et al. 2011	G	G	GR	N	Ladinian	Ladinian	G	5	38	0.336	2.608
Payne et al. 2011	G	G	GR	B	Ladinian	Ladinian	G	0	2	-0.336	2.608
Payne et al. 2011	G	G	GR	N	Carnian	Carnian	G	112	75	-2.166	0.357
Payne et al. 2011	G	G	GR	B	Carnian	Carnian	G	3	20	2.166	0.357
Payne et al. 2011	G	G	GR	N	Norian	Norian	G	63	31	-2.970	0.783
Payne et al. 2011	G	G	GR	B	Norian	Norian	G	1	14	2.970	0.783
Payne et al. 2011	G	G	GR	N	Rhaetian	Rhaetian	G	31	31	0.000	0.863
Payne et al. 2011	G	G	GR	B	Rhaetian	Rhaetian	G	2	2	0.000	0.863
Payne et al. 2011	G	G	GR	N	Hettangian	Hettangian	G	4	25	0.636	2.928
Payne et al. 2011	G	G	GR	B	Hettangian	Hettangian	G	0	1	-0.636	2.928
Payne et al. 2011	G	G	GR	N	Sinemurian	Sinemurian	G	6	33	0.030	2.584
Payne et al. 2011	G	G	GR	B	Sinemurian	Sinemurian	G	0	2	-0.030	2.584
Payne et al. 2011	G	G	GR	N	Pliensbachian	Pliensbachian	G	20	34	-1.600	0.824
Payne et al. 2011	G	G	GR	B	Pliensbachian	Pliensbachian	G	1	12	1.600	0.824
Raffi et al. 1985	B	S	GR	N	Zanclean	Pleistocene	R	4	60	1.612	0.262
Raffi et al. 1985	B	S	GR	B	Zanclean	Pleistocene	R	59	159	-1.612	0.262
Rivadeneira & Marquet 2007	B	S	GR	N	Serravallian	Pleistocene	R	25	4	-1.864	0.391
Rivadeneira & Marquet 2007	B	S	GR	B	Serravallian	Pleistocene	R	14	16	1.864	0.391
Rivadeneira & Marquet 2007	B	S	LH	E	Serravallian	Pleistocene	R	17	3	-1.358	0.444
Rivadeneira & Marquet 2007	B	S	LH	I	Serravallian	Pleistocene	R	22	17	1.358	0.444
Rode & Lieberman 2004*	B	S	GR	N	Frasnian	Frasnian	R	21	3	0.222	1.086
Rode & Lieberman 2004*	B	S	GR	B	Frasnian	Frasnian	R	11	1	-0.222	1.086
Stanley 1986a	B	S	GR	B	Zanclean	Pleistocene	R	76	40	0.998	0.068
Stanley 1986a	B	S	GR	N	Zanclean	Pleistocene	R	202	39	-0.998	0.068
Stanley 1986a	B	S	LH	I	Zanclean	Pleistocene	R	195	64	0.642	0.132
Stanley 1986a	B	S	LH	E	Zanclean	Pleistocene	R	60	10	-0.642	0.132
Stanley 1986b	B	S	LH	I	Piacenzian	Pleistocene	R	35	127	1.464	0.098

Stanley 1986b	B	S	LH	E	Piacenzian	Pleistocene	R	35	29	-1.464	0.098
Vermeij & Petuch 1986	G	S	GR	N	Gelasian	Pleistocene	R	25	25	-1.112	0.131
Vermeij & Petuch 1986	G	S	GR	B	Gelasian	Pleistocene	R	25	77	1.112	0.131
Vermeij & Petuch 1986	G	S	GR	N	Gelasian	Pleistocene	R	19	15	-1.562	0.175
Vermeij & Petuch 1986	G	S	GR	B	Gelasian	Pleistocene	R	21	81	1.562	0.175
Vermeij & Petuch 1986	G	S	GR	N	Gelasian	Pleistocene	R	6	4	-2.099	0.452
Vermeij & Petuch 1986	G	S	GR	B	Gelasian	Pleistocene	R	15	87	2.099	0.452

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