

SUPPLEMENTARY MATERIAL

SUPPLEMENTARY TABLE 1 – Dentary Tooth Row Measurements for *Anolis* fossils from Katouche Bay, Anguilla

Specimen ID	Tooth row length (mm)
MEK-11-1152	9.26
MEK-11-1153	12.74
MEK-11-1158	6.35
MEK-11-1159	8.35
MEK-11-1161	7.29
MEK-11-1162	8.53
MEK-11-1171	11.48
MEK-11-1172	11.82
MEK-11-1173	10.35
MEK-11-1174	11.55
MEK-11-1175	11.52
MEK-11-1176	12.26
MEK-11-1177	11.24
MEK-11-1187	11.96
MEK-11-1188	11.95
MEK-11-1189	9.55
MEK-11-1199	14.34
MEK-11-1200	12.81
MEK-11-1202	9.76
MEK-11-1203	9.38
MEK-11-1204	10.28
MEK-11-1008	12.02
MEK-11-1009	10.67
MEK-11-1010	9.78
MEK-11-1011	9.17
MEK-11-1012	11.56
MEK-11-1013	12.8
MEK-11-1014	7.55
MEK-11-1015	9.17
MEK-11-1016	9.73
MEK-11-1017	9.98
MEK-11-1018	9.27
MEK-11-1019	8.58
MEK-11-1020	9.08
MEK-11-1022	9.05

MEK-11-1023	10.64
MEK-11-1024	10.94
MEK-11-1034	4.7
MEK-11-1048	4.51
MEK-11-1053	6.66
MEK-11-1082	8.11
MEK-11-1104	7.07
MEK-11-1106	7.67
MEK-11-1112	6.32
MEK-11-1124	5.22
MEK-11-1126	5.33
MEK-11-1127	7.45
MEK-11-1130	8.47
MEK-11-1131	6.48
MEK-11-1132	6.94
MEK-11-1135	6.16
MEK-11-1137	7.02
MEK-11-970	11.65
MEK-11-971	7.72
MEK-11-972	9.05
MEK-11-973	13.97
MEK-11-974	10.83
MEK-11-982	7.7
MEK-11-992	4.26
MEK-11-924	10.44
MEK-11-925	10.71
MEK-11-926	9.47
MEK-11-927	8.96
MEK-11-957	7.53
MEK-11-908	9.32
MEK-11-912	7.51
MEK-11-890	10.97
MEK-11-895	6.4
MEK-11-245	14.95
MEK-11-246	12.24
MEK-11-247	12.84
MEK-11-248	13.6
MEK-11-249	15.35
MEK-11-250	14.47
MEK-11-251	15.1
MEK-11-252	13.87

MEK-11-253	13.25
MEK-11-254	10.83
MEK-11-255	13.66
MEK-11-256	12.23
MEK-11-257	11.33
MEK-11-258	10.46
MEK-11-259	13.88
MEK-11-260	11.5
MEK-11-261	13.74
MEK-11-262	13.21
MEK-11-263	12.84
MEK-11-264	11.93
MEK-11-265	12.43
MEK-11-266	13.95
MEK-11-267	10.69
MEK-11-268	11.6
MEK-11-269	13.85
MEK-11-270	10.83
MEK-11-271	11.55
MEK-11-272	12.07
MEK-11-273	12
MEK-11-274	13.81
MEK-11-275	14.01
MEK-11-276	13.55
MEK-11-277	12.15
MEK-11-278	12.16
MEK-11-279	14.19
MEK-11-280	13
MEK-11-281	12.33
MEK-11-282	12.84
MEK-11-283	9.81
MEK-11-284	14.06
MEK-11-285	12.83
MEK-11-286	12.82
MEK-11-287	12.13
MEK-11-288	12.31
MEK-11-289	11.89
MEK-11-290	13.26
MEK-11-291	12.54
MEK-11-292	12.04
MEK-11-293	11.74

MEK-11-294	10.64
MEK-11-295	12.03
MEK-11-296	11.63
MEK-11-297	8.48
MEK-11-298	13.34
MEK-11-299	10.86
MEK-11-300	12.23
MEK-11-301	11.82
MEK-11-302	8.82
MEK-11-303	12.41
MEK-11-304	10.46
MEK-11-305	11.64
MEK-11-306	9.88
MEK-11-307	9.97
MEK-11-309	10.75
MEK-11-310	11.38
MEK-11-311	11.75
MEK-11-312	12.6
MEK-11-314	10.58
MEK-11-315	10.01
MEK-11-316	12.03
MEK-11-317	12.24
MEK-11-318	12.76
MEK-11-319	10.24
MEK-11-320	10.4
MEK-11-321	11.65
MEK-11-322	11.37
MEK-11-323	7.55
MEK-11-324	11.34
MEK-11-325	11.6
MEK-11-326	11.45
MEK-11-327	10.53
MEK-11-328	13.68
MEK-11-329	11.14
MEK-11-330	12.52
MEK-11-331	11.52
MEK-11-332	14
MEK-11-333	12.96
MEK-11-334	10.88
MEK-11-335	12.04
MEK-11-336	9.56

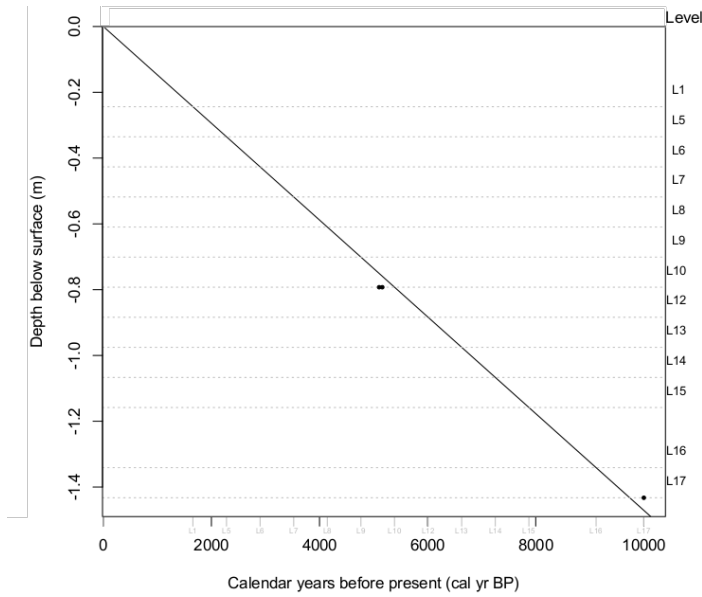
MEK-11-337	9.98
MEK-11-338	9.05
MEK-11-339	8.86
MEK-11-340	9.92
MEK-11-341	8.64
MEK-11-342	8.08
MEK-11-343	13.17
MEK-11-344	8.79
MEK-11-345	8.87
MEK-11-346	9.53
MEK-11-347	8.88
MEK-11-348	10.84
MEK-11-349	10.46
MEK-11-350	10.45
MEK-11-351	12.04
MEK-11-352	12.79
MEK-11-353	9.22
MEK-11-354	10.18
MEK-11-355	12.36
MEK-11-356	11.54
MEK-11-389	10.57
MEK-11-313	14.07
MEK-11-396	12.42
MEK-11-401	10.65
MEK-11-403	9.51
MEK-11-404	10.24
MEK-11-411	12.39
MEK-11-412	11.53
MEK-11-420	8.46
MEK-11-423	13.5
MEK-11-438	6.5
MEK-11-462	15.75
MEK-11-463	13.59
MEK-11-464	8.88
MEK-11-465	12.42
MEK-11-466	11.41
MEK-11-467	13.79
MEK-11-468	13.32
MEK-11-469	13.13
MEK-11-470	13.93
MEK-11-471	10.7

MEK-11-472	12.35
MEK-11-473	10.9
MEK-11-474	12
MEK-11-475	13.49
MEK-11-476	11.86
MEK-11-477	12.5
MEK-11-478	13.29
MEK-11-479	12.67
MEK-11-480	12.81
MEK-11-481	12.97
MEK-11-482	11.13
MEK-11-483	13.39
MEK-11-484	12.7
MEK-11-485	13.9
MEK-11-486	12.66
MEK-11-487	15.37
MEK-11-488	12.04
MEK-11-489	11.01
MEK-11-490	12.01
MEK-11-491	9.64
MEK-11-492	13.5
MEK-11-493	11.38
MEK-11-494	10.65
MEK-11-495	12.7
MEK-11-496	12.82
MEK-11-497	12.23
MEK-11-498	10.19
MEK-11-499	9.42
MEK-11-500	11.07
MEK-11-501	11.33
MEK-11-502	9.68
MEK-11-503	9.99
MEK-11-504	9.97
MEK-11-505	10
MEK-11-506	8.72
MEK-11-507	11.61
MEK-11-508	10.19
MEK-11-509	9.9
MEK-11-510	9.14
MEK-11-511	8.85
MEK-11-512	8.52

MEK-11-513	8.2
MEK-11-514	8.52
MEK-11-516	7.93
MEK-11-164	12.57
MEK-11-166	10.71
MEK-11-167	11.67
MEK-11-171	11.33
MEK-11-172	10.21
MEK-11-173	11.17
MEK-11-174	9.45
MEK-11-175	9.38
MEK-11-176	10.19
MEK-11-223	5.46
MEK-11-224	6.15
MEK-11-676	8.24
MEK-11-1	12.91
MEK-11-2	13.13
MEK-11-3	12.67
MEK-11-4	14.47
MEK-11-5	13.88
MEK-11-6	13.3
MEK-11-7	11.35
MEK-11-8	10.84
MEK-11-9	12
MEK-11-10	11.9
MEK-11-11	13.62
MEK-11-12	10.03
MEK-11-13	11.3
MEK-11-14	12.25
MEK-11-15	10.9
MEK-11-20	12.31
MEK-11-22	9.96
MEK-11-23	10.58
MEK-11-24	9.12
MEK-11-25	8.69
MEK-11-26	9.18
MEK-11-27	7.38
MEK-11-32	9.22
MEK-11-57	9.35
MEK-11-77	6.44
MEK-11-155	10.07

MEK-11-711	5.62
MEK-11-712	8.2
MEK-11-738	7.24
MEK-11-739	9.59
MEK-11-740	8.22
MEK-11-741	9.09
MEK-11-742	9.83
MEK-11-743	8.6
MEK-11-745	9.77
MEK-11-746	8.33
MEK-11-747	8.77
MEK-11-748	8.75
MEK-11-749	9.22
MEK-11-750	8.98
MEK-11-754	8.36
MEK-11-757	8.4
MEK-11-759	8.72
MEK-11-763	8.84
MEK-11-766	6.99
MEK-11-779	6.93
MEK-11-848	5.75

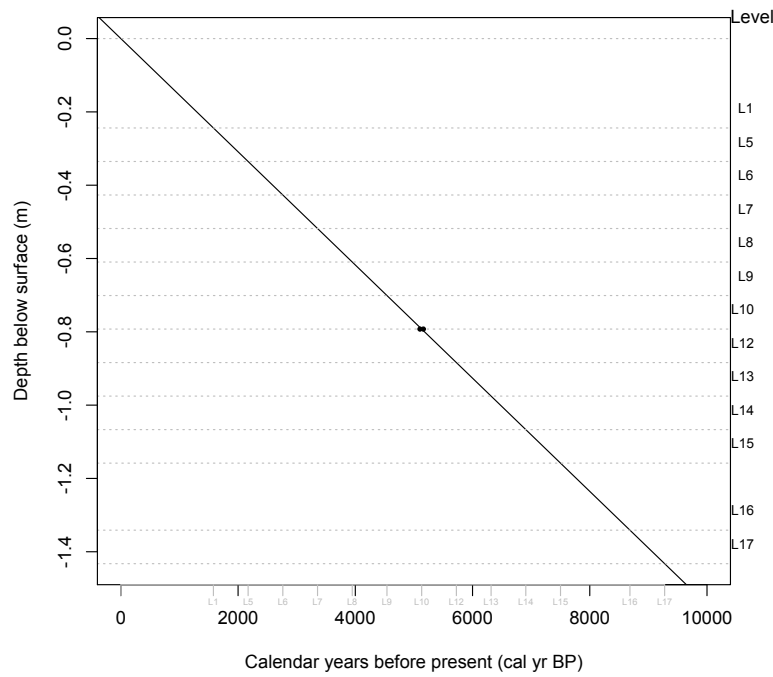
Supplementary Figure 1. Linear Model based on AMS-Radiocarbon dates from this paper and the Roughgarden 1995 date of >10,000 ybp. (Model 1)



Ages based on model 1

Time	Depth
0	0
1657.581643	-0.24384
2279.17476	-0.33528
2900.767876	-0.42672
3522.360992	-0.51816
4143.954108	-0.6096
4765.547224	-0.70104
5387.140341	-0.79248
6008.733457	-0.88392
6630.326573	-0.97536
7251.919689	-1.0668
7873.512806	-1.15824
9116.699038	-1.34112
9738.292154	-1.43256

Supplementary Figure 2. Linear Model based on AMS-Radiocarbon dates reported in paper. (Model 2)



Ages based on model 2

Time	Depth
0	0
1579.127346	-0.24384
2171.3001	-0.33528
2763.472855	-0.42672
3355.64561	-0.51816
3947.818364	-0.6096
4539.991119	-0.70104
5132.163874	-0.79248
5724.336628	-0.88392
6316.509383	-0.97536
6908.682138	-1.0668
7500.854892	-1.15824
8685.200402	-1.34112
9277.373156	-1.43256