

Supplementary Table S1:

Radiocarbon Dating Table									
Core	Samples (cm)	Material	Depth	Lab	Labs results		Cal. 2 σ (A.A.P)		Median
					Ages 14C A.A.P.	$\pm$	Sig2 (min)	Sig2 (max)	
DA03A-5B	30	Shell	63,3	Earth System Science Department of University of California, Irvine - USA	8060	20	6172	6773	6458
	41		63,4		8405		6556	7227	6884
DA03A-5B (Cetto, 2022)	50		63,5	Applied Isotope Studies Laboratory of the University of Georgia - USA	9820	30	10321	11067	10681
	98.5		63,985		9930		10498	11171	10841
	140		64,4		11090		12129	12731	12487
	235		65,35		11200		12286	12841	12597
	275	Wood	65,75		11430		13180	13337	13270
	285	Concretion	65,85		46860		390	47604	49726

Supplementary Table S2:

Carbon and Oxygen Isotopes Table					
Samples	(cm)	$\delta^{18}\text{O}_{\text{cor}}\text{‰(VPDB)}$	Propagated error $\delta^{18}\text{O}\text{‰}$	$\delta^{13}\text{C}_{\text{cor}}\text{‰(VPDB)}$	Propagated error $\delta^{13}\text{C}\text{‰}$
2cm	2	-0,63	0,07	-0,12	0,06
11cm	11	-0,63	0,12	-0,21	0,09
21cm	21	-0,62	0,06	-0,12	0,05
31cm	31	-0,64	0,08	-0,02	0,06
41cm	41	-0,91	0,06	0,09	0,05
51cm	51	-1,03	0,06	-0,49	0,05
61cm	61	-0,97	0,09	-0,43	0,06
71cm	71	-0,68	0,07	-0,20	0,07
81cm	81	-1,02	0,09	-1,57	0,11
91cm	91	-1,15	0,10	-2,53	0,11
101cm	undetectable	undetectable	undetectable	undetectable	undetectable
111cm	111	-1,51	0,10	-2,86	0,12
121cm	121	-1,63	0,07	-3,88	0,08
131cm	undetectable	undetectable	undetectable	undetectable	undetectable
141cm	undetectable	undetectable	undetectable	undetectable	undetectable
151cm	undetectable	undetectable	undetectable	undetectable	undetectable
161cm	undetectable	undetectable	undetectable	undetectable	undetectable
171cm	undetectable	undetectable	undetectable	undetectable	undetectable
181cm	undetectable	undetectable	undetectable	undetectable	undetectable
191cm	undetectable	undetectable	undetectable	undetectable	undetectable
196cm	undetectable	undetectable	undetectable	undetectable	undetectable
201cm	undetectable	undetectable	undetectable	undetectable	undetectable
206 cm	undetectable	undetectable	undetectable	undetectable	undetectable
211cm	undetectable	undetectable	undetectable	undetectable	undetectable
216cm	undetectable	undetectable	undetectable	undetectable	undetectable
221cm	undetectable	undetectable	undetectable	undetectable	undetectable
231cm	231	-1,56	0,09	-1,37	0,07
241cm	241	-1,25	0,09	-1,09	0,06
251cm	251	-1,08	0,07	-0,80	0,07
261cm	261	-1,78	0,08	-1,90	0,09
271cm	undetectable	undetectable	undetectable	undetectable	undetectable
281cm	undetectable	undetectable	undetectable	undetectable	undetectable
288cm	288	-1,48	0,05	-1,84	0,07

Supplementary Figure S1:

