Appendix 6. Numerical ages of Rudists.

Taxa	CRETCSDB1		Strontium		1998 Stages	
	FO	LO	FO	LO	FO	LO
Family Requieniidae						
Apricardia carentonensis	96.06	96.06				
Apricardia laevigata	96.06	96.06				
Pseudotoucasia santanderensis	116.28	113.59			116.09	
Toucasia carinata	122.89	122.86				
Toucasia patagiata	105.53	105.49				
Toucasia texana	105.16	103.92				
Family Caprinidae						
Caprina adversa	94.5	93.67			95.84	
Caprina choffati	99.19	98.81			103.18	
Caprina douvillei	123.07	121.71			120.49	117.56
Caprina parvula	122.87	122.87				
Caprinula boissyi	93.36	93.36				93.49
Caprinula brevis	93.36	93.36				
Caprinula dorbignyi	93.94	93.36				
Caprinula doublieri	93.36	93.36				
Caprinuloidea multitubifera	105.76	104.59				
Caprinuloidea perfecta	107.34	103.92				
Caprinuloidea perfecta gracilis	105.53	103.93				
Coalcomana ramosa	111.55	108.19				
Kimbleia albrittoni	100.23	97.91				
Kimbleia capacis	100.27	98.23				
Mexicaprina alata	98.09	97.97				
Mexicaprina cornuta	99.64	99.14				
Mexicaprina minuta	98.75	97.91				
Mexicaprina quadrata	98.14	97.91				
Offneria sp.	122.87	121.71			120.98	117.07
Orthopthychus striatus	95.95	94.22				
Pachytraga paradoxa	122.62	121.71			121.74	117.56
Schiosia carinatoformis	95.95	94.22			96.93	
Texicaprina vivari	107.37	103.92				
Family Monopleuridae						
Monopleura marcida	111.25	105.49				
Glossomyophorus sp.	122.99	122.42				
"Petalodontia" calamitiformis	106.82	104.04				
Family Radiolitidae						
Agriopleura darderi	107.25	98.1			113.16	101.06
Agriopleura falconi[4]			65.83	65.83		
Biradiolites angulosus	89.66	89.52				
Biradiolites chaperi[1]			66.4±0.5	66.4±0.5		
Biradiolites jamaicensis[4]			65.83	65.83		
Biradiolites minhoensis[4]			66.68	65.78		
Biradiolites rudis[4]			66.68	65.78		
Biradiolites rudissimus[4]			66.68	65.78		
Bournonia barretti[4]			66.68	65.78		
Bournonia cancellata[4]			66.68	65.78		
Bournonia fourtaui	89.66	89.52				
Bournonia judaica	89.1	89.1				
Bournonia subcancellata[4]			66.68	65.78		
Bournonia tetrahedron[4]			66.68	65.78		
Chiapsella radiolitiformis[4]			66.68	65.78		
Distefanella lombricalis	89.66	89.52				
Distefanella mooretownensis[4]			69.12	69.05		
Durania arnaudi	93.7				92.69	
Durania austinensis	82.53	82.27				
Durania cornupastoris	91.35	91.15				88.96
Durania gaensis	89.66	89.52				
Durania nicholasi[4]			66.68	65.78		
Eoradiolites davidsoni	106.86	97.91				
Eoradiolites lyratus	104.24	94.73			106.35	
Joufia reticulata[1]			66.8	65.5		
Pseudopolyconites apuliensis[1]			66.4±0.5	66.4±0.5		

Praeradiolites biskraensis	93.96	93.96				
Praeradiolites fleuriaui	94.6	94.3				
Praeradiolites irregularis	92.99	92.51				
Radiolites lusitanicus	93.11	91.63				93.49
Radiolites peroni	91.65	91.63				
Radiolites sauvagesi	89.66	89.52				
Radiolitella maestichtiana[1]			66.4±0.5	66.4±0.5		
Sauvagesia acutocostata	82.53	82.27				
Sauvagesia macroplicata[4]			66.68	65.78		
Sauvagesia mcgrathi[4]			66.68	65.78		
Sauvagesia sharpei	93.7	93.01				93.49
Thyrastylon coryi[4]			66.68	65.78		
Thyrastylon semiannulosus[4]			66.68	65.78		
Family Hippuritidae						
Hippurites cornucopiae[1]			66.8	65.5	67.78	
Hippurites requieni	92.54	89.52			91.88	
Hippuritella lapeirousei[1]			66.8	65.5		65.53
Orbignya mullerriedi[4]			66.68	65.78		
Pironaea polystyla[1]			66.8	65.5		
Praebarrettia sparcilrata[4]			66.68	65.78		
Vaccinites alpinus[3]			83.88	83.88		
Vaccinites boehmi[3]			87.21	87.21	83.46	
Vaccinites cornuvaccinum[3]			87.33	86.87		
Vaccinites fontalbensis	93.2	92.42			93.49	
Vaccinites gosaviensis[3]			83.97	83.97	85.79	
Vaccinites inaequicostatus[3]			89.75	87.92		
Vaccinites praegiganteus	92.01	91.52			90.36	
Vaccinites ultimus[2, 3]			82-81	80.13	72.71	
Yvaniella alpani[2]			82-81	82-81		
Family Polyconitidae						
Polyconites verneuilli	118.14	109.93			116.09	
Polyconites hadriani	122.87	122.86				
Horiopleura baylei	121.63	118.67				
Horiopleura dumortierii	123.07	123.07				
Horiopleura lamberti	118.14	109.93			115.11	100.53
Family Plagioptychidae						
Mitrocaprina bulgarica[1]			66.4±0.5	66.4±0.5		
Mitrocaprina multicaniculata[4]			66.68	65.78		
Plagioptychus fragilis[4]			65.83	65.83		
Plagioptychus jamaicensis[4]			66.68	65.78		
Plagioptychus minor[4]			66.68	65.78		
Plagioptychus trechmanni[4]			66.68	65.78		
Plagioptychus zansi[4]			65.83	65.83		
Family Ichthyosarcolitidae						
Ichthyosarcolites bicarinatus	95.95	94.22			96.93	
Ichthyosarcolites coraloidea [5]					75.76±0.34	
Ichthyosarcolites poljaki	95.95	94.22				
Ichthyosarcolites triangularis	94.5	93.56			96.93	
Ichthyosarcolites tricarinatus	95.95	94.22				
Titanosarcolites giganteus[4]			69.12	65.78		
Family Antillocaprinidae						
Antillocaprina occidentalis[4]			66.68	65.78		
Antillocaprina suboccidentalis[4]			66.68	65.78		

1 - Steuber et al. 2007; 2 - Steuber et al. 1998; 3 - Steuber 2001; 4 - Steuber et al. 2002; 5 - Fassett et al. 1997