

Supplemental Appendix 3

Scleractinian genera recorded from Albian strata. X = occurring genus, (number) = number of species of this genus recorded if more than one. For information regarding species assignments, see Table 1.

Genera \ Albian localities	Australia	Austria	Egypt	England	France	Georgia (Caucasus)	Germany	Greece	Greenland	India	Iran	Madagascar	Mexico	New Zealand	Poland	Slovenia	South Africa	Spain	Switzerland	Tibet	USA	
<i>Acanthogyra</i>						X							X									
<i>Acrosmilia</i>			X															X				
<i>Actinacis</i>																						X
<i>Actinaraea</i>					X													X				X
<i>Actinastrea</i>			X(2)					X(3)				X	X(2)					X				X(9)
<i>Adelocoenia</i>					X																	
<i>Adkinsella</i>																						X
<i>Agathelia</i>								X														
<i>Agrostyliastrea</i>								X														
<i>Ahrdorffia</i>					X(2)																	X(2)
<i>Amphiastrea</i>													X									
<i>Amphiaulastrea</i>								X(2)														
<i>Angelismilia</i>																		X				
<i>Antiguastrea</i>					X(2)																	
<i>Aplopsammia</i>												X										
<i>Apoplacophyllia</i>								X												X		
<i>Aspidiscus</i>			X																			
<i>Asteroseris</i>					X																	
<i>Astraeofungia</i>			X																			
<i>Aulastraepora</i>					X			X(2)					X(2)					X		X		X(2)
<i>Aulosmilia</i>					X																	
<i>Axosmilia</i>			X																		?	X(2)

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<i>Baryhelia</i>					X																	
<i>Bathycyathus</i>			X	X(2)	X																	X
<i>Blastozopsammia</i>														X								
<i>Calamophylliopsis</i>			X				X		X					X				X	X	X		
<i>Caryophyllia</i>								X		X(2)								X		X		X(2)
<i>Ceratotrochus</i>					X																	
<i>Cladocora</i>																				X		X
<i>Cladophyllia</i>			X	X		X(2)								X(2)					X			X(2)
<i>Clausastrea</i>									X(2)													
<i>Coelosmilia</i>																						X(2)
<i>Columactinastraea</i>				?										X								
<i>Columastrea</i>																						X
<i>Columnocoenia</i>						X(2)			X(3)					X					X			
<i>Comoseris</i>				X		X	X		X													X
<i>Complexastrea</i>													X									
<i>Conicosmitrochus</i>																						X
<i>Cyathophora</i>						X(4)			X				X	X(5)					X(4)			X(3)
<i>Dendraraea</i>														X								
<i>Dendrosmilia</i>																			X			X
<i>Dermosmilia</i>				X		X	X															X
<i>Dictuophyllia</i>													X									
<i>Dimorpharaea</i>						X								X								
<i>Dimorphastrea</i>						X(2)			X		X											
<i>Diplogyra</i>						X(3)			X					X					X			X
<i>Discocyathus</i>					X																	

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<i>Elasmocoenia</i>								X					X									
<i>Elasmophyllia</i>																			?			X
<i>Ellipsocoenia</i>			X																			X(2)
<i>Enallhelia</i>		X(2)						X														
<i>Epistreptophyllum</i>			X	X									X									X(3)
<i>Eugyra</i>								X(3)				X	X(5)					X		X(2)		X(2)
<i>Favia</i>								?														
<i>Fungiastraea</i>		X			X								X									
<i>Funginella</i>											X											
<i>Haldonia</i>				X														X				
<i>Heliocoenia</i>					X	X(2)		X														
<i>Heterocoenia</i>							X	X(2)					X(2)								X	X
<i>Heterocyathus</i>					X																	
<i>Hydnophora</i>																						X
<i>Hydnophoromeandraraea</i>								X														
<i>Hykeliphyllum</i>																		X				
<i>Isastrea</i>			X																			
<i>Keriophyllia</i>													X									
<i>Kobyastraea</i>								X														
<i>Kobyphyllia</i>																		X				
<i>Latiastrea</i>						X		X(3)					X									
<i>Latiphyllia</i>													X									
<i>Latomeandra</i>								X(2)														
<i>Liptodendron</i>																X						
<i>Lophosmia</i>																						X

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<i>Mckenziephyllia</i>		X																					
<i>Meandrastrea</i>						X(2)													X				
<i>Meandrophyllia</i>						X								X(2)					X				
<i>Micrabacia</i>				X(2)	X																		?
<i>Microphyllia</i>							X(3)							X									
<i>Microsolena</i>									X					X									X(2)
<i>Mitrodendron</i>									X														
<i>Mixastraea</i>									X(2)					X									
<i>Montastraea</i>																							X(2)
<i>Montlivaltia</i>				X(2)																	X		
<i>Myriophyllia</i>							X(2)		X					X									X
<i>Neocoenia</i>									X														X(4)
<i>Neocoeniopsis</i>																							X
<i>Oculina</i>															X								
<i>Ogilviastraea</i>																							X
<i>Ovalastrea</i>							X						X	X									X(2)
<i>Palaeohelia</i>						X																	
<i>Palaeopsammia</i>													X										X
<i>Paraacanthogyra</i>									X					X									X
<i>Paracycloseris</i>														X									
<i>Parasmilia</i>				X		?																	X(3)
<i>Parepismilia</i>									?														
<i>Peplosmilia</i>					X				X														
<i>Periseris</i>									X														
<i>Petrophyllia</i>																							X
<i>Phacellocoenia</i>														X									

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<i>Placocoenia</i>					X								?								
<i>Placogyra</i>						X(4)															
<i>Placophyllia</i>													X								
<i>Placosmilia</i>					X (2)																
<i>Plesiophyllum</i>																		X			
<i>Pleurocora</i>								X													X
<i>Pleurophyllia</i>						X							X(2)								
<i>Podoseris</i>		X(3)		X(2)														X	X		
<i>Polyastropsis</i>					X								X								
<i>Polyphylloseris</i>																					X
<i>Preverastraea</i>								X(6)					X(5)								X(2)
<i>Preverastraeopsis</i>										X			X								
<i>Pruvostastraea</i>						X															
<i>Psammogyra</i>						X															
<i>Pseudoironella</i>						X							X								
<i>Pseudopistophyllum</i>													X(2)							X	
<i>Psilogyra</i>													X								
<i>Rennensismilia</i>																					X
<i>Rhipidastraea</i>								X					X								
<i>Siderastrea</i>																					X
<i>Siderofungia</i>																					X(3)
<i>Smilotrochus</i>			X	X														X			X(3)
<i>Solenocoenia</i>						X															
<i>Stelloria</i>					X								X					X			X
<i>Stephanaxophyllia</i>																					X
<i>Stephanocyathus</i>															X						
<i>Stephanophyllia</i>		X	X																		

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<i>Stereocoenia</i>			?																		
<i>Strotogyra</i>																X					
<i>Stylangia</i>			X																		
<i>Stylina</i>					X			X					X					X			
<i>Stylocyathus</i>												X							X		
<i>Synastrea</i>																		X(2)			
<i>Synhelia</i>		X																	X		
<i>Thalamocaeniopsis</i>				X									X								
<i>Thalamocoenia</i>								X													
<i>Thamnasteria</i>						X							X								
<i>Thamnoseris</i>								X					X								
<i>Thecidiosmilia</i>			X										X								
<i>Thecomeandra</i>													X								
<i>Thecosmilia</i>			X										X(2)					X			X
<i>Tortoflabellum</i>					X			X													
<i>Tricassastraea</i>								X													
<i>Trigerastraea</i>			X	X	X(5)							X(2)						X			X(3)
<i>Trochocyathus</i>		X		X(3)	X		X					X(4)			X				X(2)		X(6)
<i>Trochoseris</i>			X	X																	
<i>Trochoseropsis</i>					X																
<i>Trochosmilia</i>								X													X
<i>Truncoconus</i>					X																