

APPENDIX  
Distribution of Palynomorphs  
(Note: only productive samples listed here)

374051

SPECIES	6715	6730	6825	6920	7431	8189	8520	8615	8794	8944	8990	9080	9120	9166	9250	9350	9528	9559	9990	10294
Nothofagidites emarcidus	X	X	X	X	X		X	X		X	X	X		X	X	X	X			X
N. falcata	X	X		X																
Haloragacidites harrisii	X	X	X	X	X	X	X	X			X			X			X			X
Cyathidites australis	X		X	X	X		X	X				X		X						X
Myrtacidites parvus	X					X					X					X	X			X
Microcachyridites antarcticus	X				X		X								X		X			X
Proteacidites pachypolus	X		X			X						X	X	X						X
P. parvus	X	X				X		X												X
P. adenanthoides	X			X																X
Lycopodium sporites sp.	X											X				X				X
Triletes tuberculiformis	X		X	X								X								
Dictyophyllidites sp.		X	X		X					X				X			X			
Nothofagidites vansteensii		X	X																	
Lygistepollenites florinii		X	X	X	X	X	X								X		X			
Proteacidites annularis		X	X	X						X	X									
Cupaniidites orthoteichus		X	X	X				X												
Podocarpidites sp.		X		X			X	X		X				X	X		X	X	X	X
Nothofagidites flemingii		X	X	X	X		X	X			X			X	X					
*Pterospermopsis sp.		X																		
Santalumidites cainozoicus			X																	
Intratrilopollenites notabilis			X																	
*Cordosphaeridium cf. gracilis			X								X									
*Spiniferites ramosus			X	X			X				X									
*Hystrichosphaeridium cf. tubiferum			X																	
Verrucosporites kopukuensis			X	X	X			X				X								
Proteacidites crassus			X		X									X						
Phyllocladites mawsonii			X		X			X			X	X		X	X	X	X		X	X
Malvacipollis diversus			X	X	X	X	X	X		X										
Tricolporites spp.			X	X	X	X	X	X					X							X
Gleicheniidites circinidites			X				X			X	X			X	X	X	X			
Tricolpites thomasi			X																	
Trilorites magnificus			X																	
Simplicipollis meridianus				X				X										X		
Polypodidites sp.				X	X		X			X			X		X		X			
Perinomonolites sp.				X																
Sapotaceoidaepollenites rotundus				X				X												
Stereisporites antiquasporites				X						X	X	X			X					
Periporipollenites demarcatus				X	X			X						X		X				
Laevigatosporites major				X	X		X							X		X				
**Parasaccites sp. (Permian)				X									X		X					
**Platysaccus sp. (Permian)																				
Proteacidites kopiensis				X		X					X				X					
P. recavus				X																
P. leightoni					X	X		X	X	X	X	X								
Ericipites sp.						X												X		
Tripoporipollenites ambiguus						X														
Osmundacidites sp.							X					X	X							
*Diphyes colligerum							X													
*Operculodinium sp.							X	X												
*Wetzeliella homomorpha							X					X	X							
*?Gonyaulacysta sp.							X													
*?Cordosphaeridium sp.							X													
Dilwynites granulatus							X								X	X				
Clavifera triplex							X	X							X					
*?Deflandrea pachyceros								X	X						X					
Stereisporites (Tripunctisporis) sp.								X											X	
Cyathidites gigantis										X		X					X	X		
Proteacidites incurvatus										X	X									
*Kenleyia fimbriata																				
Lygistepollenites balmei												X		X		X	X			
Tricolpites gillii												X								
Ceratosporites equalis												X	X		X		X			
Gambierina rudata												X	X	X	X	X	X		X	X
*?Achromosphaera sp.												X								
*Spiniferites cingulatus												X								
Cyclonephelium sp.												X		X						
*Australopollis obscurus												X	X		X		X			
?Byssapollis emaciatus												X								
Cingutrilletes clavus												X								
Krauselisporites papillatus												X								
Tricolpites phillipsii															X					
Gambierina edwardsii													X	X	X	X	X	X	X	X
Cyathidites splendens													X							
**Aequitriradites verrucosus (Cretaceous)													X							
Podosporites microsaccatus													X					X		X
Camarozonosporites sp.													X					X		
Phyllocladites verrucosus													X							X
P. paleogenicus													X							X
**Striate bisaccate (Permian)																				X
**?Rouseisporites sp. (?Cretaceous)																				X

HEMATITE AROO-1

\* Denotes microplankton species  
\*\* Reworked species