Spore/Pollen Distribution Chart

Digby #1

Species Checklist

[Sample]
(Depth in m.)

Species	449.2 SWC 48	735.6 SWC 47	1096.8 SWC 43	1220.8 SWC 42	1318.1 SWC 41	1364.4 SWC 39	1445.2 SWC 37	1457.5 SWC 36	1506.2 SWC 30	1536.4 SWC 29	1591.0 SWC 27	1837.2 SWC 24	1903.2 SWC 22	1914.2 SWC 21	1936.4 SWC 16	1948.1 SWC 10	2002.0 SWC 6	2017.2 SWC 5	2028.2 SWC 4	2048.2 SWC 3
Acinosporites "corugatoreticulatus" sp. nov. 4840		+																		
Aequitriradites acusus 1056	+				+															
Aequitriradites "cristatus" sp. nov. 4834		+		+				+	+											
Aequitriradites norrisii 629					+			+												
Aequitriradites spinulosus 905	+		+	+	+		+	+	+											
Aequitriradites spinulosus var. *"multus"* 857	+	+																		
Aequitriradites spinulosos var. *"solidus"* 821	+																			
Aequitriradites spinulosus var. *"zonatus"* 878	+			+					+	+										
Aequitriradites spp. 3666	+	+		+	+					+										
Aequitriradites verrucosus 898	+	+		+	+		+	+												
Annulispora densata var. *"crassus"* 813		+																		
Annulispora microannulata 1217							+													
Annulispora radiata 690	+	+				+		+	+								+			
Biretisporites spp. 3661						+				+	+		+				+			
Calamospora spp. 125			+					+		+					+		+	+		
Camarozonosporites ramosus 210								+	+											
Ceratosporites equalis var. *"generalis"* 1243	+		+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+
Ceratosporites equalis var. *"tenuisetosus"* 1162	+				+					+										
Ceratosporites "quasilinearis" sp. nov. 810		+	+	+	+	+	+	+												
Cibotiumspora jurienensis 1406	+	+	+		+	+	+	+		+										
Cibotiidites volkheimeri 998	+																			
Cicatricosisporites "rugatus" sp. nov. 1313	+																			
Concavissimisporites penolaensis 1270	+																			
Contignisporites burgeri var. *"constrictus"* 4779								+		+										
Contignisporites burgeri var. *"minutus"* 1016										+										
Contignisporites burgeri var. *"parallelos"* 645	+		+																	+
Contignisporites cooksoniae var. *"boudinagis"* 889																				+
Contignisporites cooksoniae var. *"constrictus"* 644				+				+	+											
Contignisporites cooksoniae var. *"parallelos"* 1237			+					+		+										+
Contignisporites glebulentus 685		+	+	+																+
Contignisporites spp. 3670	+	+	+												+					+
Cooksonites "parvitholoides" sp. nov. 1704			+																	
Cooksonites variabilis 848			+	+																
Coptospora spp. 3686	cf																			
Coronatispora perforata 667						+											+			
Coronatispora telata 637															+		+			
Couperisporites "nitidus" sp. nov. 4829			+							+										
Couperisporites "spinulosus" sp. nov. 1058	+		+																	
Couperisporites tabulatus 887		+	+	+																
Craterisporites "sawpitensis" sp. nov. 4643	+																			
Crybelosporites berberioides 1019	+	+																		
Crybelosporites "burgerii" sp. nov. 1370				+																
Crybelosporites striatus 932	+	+																		
Crybelosporites stylosus 933			+		+		+	+												
Cyathidites asper 928								+												
Cyathidites australis 2576	+	+	+	+	+	+	+	+		+	+		+				+			
Cyathidites australis var. *rimalis* 1096													+							+
Cyathidites minor 2577	+	+	+	+	+	+	+	+	+	+	+				+		+			+
Cyathidites "perinatus" sp. nov. 952		+																		
Cyathidites punctatus var. *"dettmanniae"* 912	+	+	+		+	+		+	+	+	+		+	+	+		+			
Cyathidites spp. 1825	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyclosporites hughesii var. *"cuneiformis"* 4662								+		+	+									
Cyclosporites hughesii var. *"hughesii"* 693	+	+	+		+	+	+	+		+										
Cyclosporites "quasihughesii" sp. nov. 839										+							?			
Cyclogranisporites "todea" sp. nov. 1389				+			+		+	+	+									
Deltoidospora "proxirugosa" sp. nov. 1094	+																			
Deltoidospora spp. 1813	+	+	+	+	+	+	+	+		+			+	+	+	+	+			+
Densoisporites spp. 1631	+					+											?			
Densoisporites velatus 888		+			+															
Dictyotosporites "antespeciosus" sp. nov. 871	+	+		+	+	+	+	+		+										
Dictyotosporites "cloisonne" sp. nov. 4680		+	+				+	+		+										
Dictyotosporites complex var. *"complex"* 885		+	+	+	+	+	+	+		+					+					
Dictyotosporites filosus var. *"filosus"* 1419		+																		
Dictyophyllidites harrisii 1085	+	+						+		+										+
Dictyophyllidites mortonii 1580																			+	
Dictyotosporites "robustus" sp. nov. 1549		+			+	+	+													
Dictyotosporites speciosus var. *"speciosus"* 824	+	+	+	+	+	+		+		+										
Dictyotosporites speciosus var. *"strigosus"* 4668	+	+				+		+	+	+						+				
Dictyotosporites "spongiola" sp. nov. 1157	+																			
Dictyophyllidites spp. 3660	+	+												+					+	+
Foraminisporis "antewonthaggiensis" sp. nov. 1365										+							+			
Foraminisporis asymmetricus 679	+		+																	
Foraminisporis dailyi 669	+		+																	
Foraminisporis spp. 1143																	+			
Foraminisporis "wonthaggiensis" var. *"lunaris"* sp. nov. 1519			+																	
Foraminisporis wonthaggiensis var. *"wonthaggiensis"* 662	+	+	+	+	+	+		+		+										
Foveosporites sp. cf. *F. multifoveolatus* 808						+					+									
Foveosporites canalis 929						+														
Foveosporites moretonensis var. *tortuosus* 1125								+												
Foveosporites multifoveolatus 623											+		+		+		+			
Gleicheniidites senonicus 1116								+									+		+	+
Gleicheniidites "solidus" sp. nov. 1439	+					+														
Gleicheniidites spp. 2690										+			+				+			
Ischyosporites crateris 654		+						+												
Ischyosporites punctatus 1003	+	+							+											
Ischyosporites spp. 3172			+																	+
Januasporites "delicatus" sp. nov. 1041	+		+	+	+		+	+	+											
Januasporites multispinus 1159								+												
Januasporites "robostus" sp. nov. 1516									+											
Januasporites spinulosus 1168			+	+	+					+							?			
Kekryphalospora circolumenus 1360		+					+								+					
Kekryphalospora distincta var. *"austroclavidites"* 1643	+	+	+	+	+	+	+	+	+	+	+				+					
Kekryphalospora distincta var. *"priscus"* 700				+	+		+	+							+					
Kekryphalospora douglasii var. *"subtilis"* 1372	+				+		+			+										
Kekryphalospora parvireticulata 1339					+			+		+										
Kekryphalospora proxiradiatus var. *"robustus"* 1239	+					+		+		+										
Kekryphalospora pseudophyllanthus 1187	+	+	+	+	+	+	+	+		+										
Kekryphalospora spp. 1655		+		+	+	+	+	+	+	+					+		+		+	+
Klukisporites lacunus 699	+	+	+	+		+	+			+										
Klukisporites scaberis 626	+	+						+		+										
Klukisporites spp. 1657																+				
Kraeuselisporites spp. 1597	+	+	+						+											
LAND PLANT SPORES Gen et Spp indt 4736	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Laevigatosporites spp. 1621	+									+										
Leptolepidites crassibalteus 999								+												
Leptolepidites equatibossus 1024						+		+												
Leptolepidites "maceoides" sp. nov. 4659		+	+		+	+	+	+			+									
Leptolepidites major 652	+	+	+	+	+	+	+	+	+	+	+			+	+				+	+
Leptolepidites pudens 919	+				+															
Leptolepidites rotundus 633						+														
Leptolepidites spp. 3668		+					+										+		+	
Leptolepidites verrucatus var. *"cretaceus"* 661	+	+	+	+	+	+	+	+		+	+		+		+	+	+			+
Leptolepidites verrucatus var. *"pricei"* 1344	+	+			+					+										
Lophotriletes spp 1331										+			+		+		+			
Lycopodiacidites sp. aff. *L. asperatus* 920	+				+	+														
Lycopodiacidites dettmanniae 1163	+																			
Matonisporites cooksoniae 657					+															
Matonisporites crassiangulatus 1534								+												
Megaspore Gen. et spp. indt. 1656	+				+		+													
Murospora florida 624			+					+		+										
Neoraistrickia "antequalis" sp. nov. 695	+	+				+	+	+		+	+		+				+			
Neoraistrickia "coalita" sp. nov. 691	+	+			+	+	+	+		+	+									
Neoraistrickia densata 837					+															
Neoraistrickia spp indt 1649	+	+	+		+	+		+	+	+	+		+	+	+		+			+
Neoraistrickia "striatus" sp. nov. 955		+			+	+														
Neoraistrickia suratensis var. *"junior"* 702	+	+	+		+															+
Neoraistrickia suratensis var. *"vetus"* 832				+			+			+										
Neoraistrickia trichosa 831			+		+	+	+	+								+				+
Neoraistrickia truncata 698	+	+	+	+	+	+	+	+		+	+		+		+	+	+			+
Nevesisporites "vicinilaesuratus" sp. nov. 844										+										
Obtusisporis sp. cf. *O. canadensis* 1014						+														
Osmundacidites comaunensis 2587	+	+	+	+	+		+			+	+		+		+		+		+	+
Osmundacidites "confertus" sp. nov. 692		+	+	+		+	+			+			+		+					
Osmundacidites "papilatus" sp. nov. 4836	+	+	+	+		+	+	+	+											
Osmundacidites primarius 2093	+				+					+							+		+	
Osmundacidites "punctatus" sp. nov. 4832		+	+	+	+		+	+		+	+		+							
Osmundacidites spp. 1400	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osmundacidites wellmanii 2094	+	+	+	+	+	+	+	+	+	+	+						+		+	+
Perotrilites "conatus" sp. nov. 1364		+						+												
Perotrilites "extremus" sp. nov. 4835								+												
Perotrilites laceratus 1311	?																			
Perotrilites "laevigatus" sp. nov. 1532	+																			
Perotrilites linearis 812			+		+	+		+												
Perotrilites "quasienormis" sp. nov. 1305		cf	+																	
Pilosisporites "microbaculata" sp. nov. 4988		+																		
Pilosisporites notensis 856	+	+	+	+																
Pilosisporites parvispinosus 855	+	?	?																	
Pilosisporites "rotundus" sp. nov. 4996			+	?																
Playfordiaspora "digbyensis" sp. nov. 4833									+											
Punctatisporites spp. 95	+								+		+		+		+					+
Pustulatisporites "yanalahensis" sp. nov. 714							+													
Retitriletes "antecircolumenus" sp. nov. 1343	+	+	+	+	+	+	+	+		+										
Retitriletes "antinodosus" sp. nov. 4642		+	+				+													+
Retitriletes austroclavatidites 1063	+	+	+	+	+	+	+	+		+					+		+		+	+
Retitriletes "austrofacetus" sp. nov. 4645	+	+	+		+	+				+	+									+
Retitriletes circolumenus 930			+	+	+	+		+		+	+				+	+	+		+	
Retitriletes circolumenus var. *"aberratus"* 1539																	+			
Retitriletes clavatoides 1330			+	+				+												
Retitriletes "convolutus" sp. nov. 1037		+																		
Retitriletes eminulus 1018											+									
Retitriletes expansus 1511							+								+		+			
Retitriletes facetus 1044	+	+								+	+									
Retitriletes facetus var. *"burgeri"* 836		+			+					+							+			
Retitriletes "microlumenus" sp. nov. 1030						+				+	+				+		+			
Retitriletes "minutus" sp. nov. 967							+			+										
Retitriletes nodosus var. *"granulatus"* 830		+			+	+														
Retitriletes nodosus var. *"nudum"* 829	+	+	+		+	+	+	+		+	+									+
Retitriletes "proxiradiatus" sp. nov. 910		+		+	+		+		+		+									
Retitriletes "psilafacetus" sp. nov. 1053	+		+		+		+	+		+										
Retitriletes reticulumsporites 909	+	+	+	+	+	+	+	+		+	+									+
Retitriletes "rosebankensis" sp. nov. 1540	+							+												
Retitriletes rosewoodensis 78						+											+			
Retitriletes semimuris var. *"semimuris"* 965			+	+	+	+	+	+		+										
Retitriletes solidus 1045	+	+	+		+	+	+	+												
Retitriletes spp. 1648	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+	+	+	+
Retitriletes tenuis var. *"filatoffi"* 1535											+									
Retitriletes watherooensis 663							+	+					+				+			+
Retitriletes "williamsii" sp. nov. 1353	+	+			+	+	+	+	+											
Rubinella spp. 2594																				+
Ruffordiaspora australiensis 681	+	+	+	+	+	+		+												
Ruffordiaspora "backhousei" sp. nov. 696										+										
Ruffordiaspora ludbrookiae var. *"controversius"* 680	+																			
Ruffordiaspora ludbrookiae var. *"generalis"* 1190	+		+	+	+	+														
Ruffordiaspora ludbrookiae var. *"parallelus"* 5057																	+			
Ruffordiaspora "tirrawarrensis" sp. nov. 1054		+																		
Rugulatisporites spp. 3987																				+
Semiretisporis denmeadii 822									+											
Sestrosporites pseudoalveolatus var. *"antiquis"* 648					+						+						+			
Sestrosporites pseudoalveolatus var. *"verrucatus"* 1333										+										
Staplinisporites caminus var. *"caminus"* 807					+															
Stereisporites antiquasporites 956	+	+	+		+	+														
Stereisporites pocockii 957	+	+						+									+			
Stereisporites spp. 3671							+			+			+				+		+	
Striatella spp. 4711								+									+			
Todisporites minor 1401		+		+	+		+	+												
Trilobosporites sp. 1320											+									
Triporoletes reticulatus var. *"dettmannae"* 922	+	+	+	+	+															
Triporoletes simplex 897	+																			
Undulatisporites fossulatus 1028		+																		
Uvaesporites argentaeformis 1032		+																		
Uvaesporites spp. 3659				+																
Uvaesporites verrucosus 144			+		+				+						+					
Velosporites triquetrus 694										+										
Verrucosisporites varians 834										+					+					
Abiespollenites spp. 2750														+						
Alisporites grandis 1224	+	+	+										+				+			
Alisporites lowoodensis/similis 1104	+	+	+	+		+	+	+	+	+	+						+			
Alisporites "ovatus" sp. nov. 4801	+							+	+	+	+									+
Alisporites spp. 10	+		+	+	+			+	+	+	+		+	+	+	+	+		+	
Araucariacites australis 1225	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	
Araucariacites "dubius" sp. nov. 1285				+			+	+	+											
Araucariacites fissus 55	+		+														+		+	+
Callialasporites dampieri 1229					+		+	+		+	+									
Callialasporites segmentatus 1231			+					+		+										
Callialasporites trilobatus var. *"dettmannae"* 1228								+									+			
Callialasporites turbatus var. *"gracilis"* 1226				+	+			+					+	+						
Callialasporites turbatus var. *"triangularis"* 1227			+														+			
Cannanoropollis spp. 123															+					
Corollina spp. 4803								+	+	+					+	+				+
Corollina torosa var. *"rugosa"* 4597	+	+	+	+	+	+	+	+		+										
Corollina torosa var. *"striatus"* 77	+	+		+	+			+	+	+										
Cycadopites spp. 2816	+	+	+				+	+	+	+	+								+	
Ephedripites spp. 2795	+																			
INAPERTURATE POLLEN Gen et spp indet. 4810	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Microcachryidites antarcticus 1222	+	+	+	+		+	+	+	+	+			+	+			+		+	
Perinopollenites elatoides 75				+	+					+										
Perinopollenites "reticulatus" sp. nov. 1317	+					+		+												
Perinopollenites spp. 1075				+				+											+	
Piceaepollenites parvisaccatus 1107		+	+							+										
Piceaepollenites spp. 2775	+								+	+			+	+	+		+			
Pinuspollenites spp. 2780	+		+																+	
Platysaccus spp. 1650																				+
Podocarpidites ellipticus/verrucosus 984	+	+	+	+	+		+	+	+	+				+		+	+			
Podocarpidites multesimus 1109	+	+	+		+		+	+			+			+						
Podocarpidites spp. 3264	+	+	+				+				+		+				+		+	
Podosporites tripakshii 1221	+	+			+		+	+											+	
SACCATE POLLEN Gen. et spp. indt. 2884	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Scheuringipollenites "mesozoicus" sp. nov. 4641	+	+															+			
Sulcosaccispora alaticonformis 1069	+										+						+			
Trichotomosulcites subgranulatus 1210	+	+	+	+		+	+	+		+	+									
Vitreisporites signatus 1223									+								+			
ANGIOSPERM POLLEN Gen et Spp indet 4738											+	+								
Clavatipollenites hughesii 935	+																			
Liliacidites "clavatum" sp. nov. 1234		+																		
Tricolpites "eumerallaensis" sp. nov. 4838	+																			
Hyphae spp. 3932																	+			
"Botryococcus" Gen. et sp. nov. 1170	+	+				+		+												
Brazilea spp. 1529	+		+	+	+		+	+	+	+	+		+	+						
Circulisporites parvus 263	+		+					+	+											
Leiosphaeridia "minuta" sp. nov. 4640	+		+	+	+	+		+			+		+	+						
Leiosphaeridia spp. 1461	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Microfasta evansii var. *"morganii"* 1154			+	+	+		+	+		+										
Rugaletes "minutus" sp. nov. 4837					+	+		+												
Schizosporis reticulatus 1340			+					+	+	+										
Sigmopollis "dettmannae" sp. nov. 4839	+	+																		
Sigmopollis "punctatus" sp. nov. 1440	+	+	+	+	+	+	+	+		+				+		+	+			+
"Tasmanitids" Gen. et sp. nov. 1765														+						
Micrhystridium spp. 2882							+			?										
Micrhystridium "taurus" sp. nov. 1398								+												
Veryhachium "microrotundus" sp. nov. 4814				+																
Veryhachium "rotundus" sp. nov. 352					+															
Hystrichosphaeridium spp sl 4309	+																			
CONTAMINANT SPECIES																				
ANGIOSPERM POLLEN Gen et Spp indet 4738																			+	
CRETACEOUS CONTAMINATES 3233											+	+							+	
Casuarinidites spp. 2247			+																	
Graminidites spp. 2182											+	+								
MODERN CONTAMINATES 4685			+		+					+	+	+								
MUD CONTAMINATION 4827							+												+	
Myrtaceidites spp sl 2222							+				+	+								
TERTIARY CONTAMINATES 3229																			+	
Tricolpites spp sl 3642																			+	
Tricolporites spp sl 4830					+		+			+										
Triporites spp sl 3956							+												+	
REWORKED SPECIES																				
Annulispora densata 656		+																		
Granulatisporites tentula var. *"segrovesii"* 276			+																	
PERMIAN REWORKED 3210			+										+	+	+					
Protohaploxypinus amplus 1723			+																	
Protohaploxypinus spp 20													+	+						
TRIASSIC REWORKED 3205							+													

Enclosure 1, Figure 7

APG Consultants
Brisbane 26/06/2000

26/06/00 - 2M