Spore/Pollen Distribution Chart

Casterton #1
Oldest Occurrence List

DEPT. NAT. RES & ENV
PE800748

[Sample]	Core 18	Core 18	Core 18	Core 18	Core 15	Core 15	Core 14	Core 12	Core 12	Core 8	Core 8	Core 4	Core 4
(Depth in m.)	sb590	sb589	sb588	sb587	sb586	sb577	sb569	sb568	sb567	sb566	sb565	sb564	sb563	sb562
	2360.2	2253.1	2251.9	2251.3	2062.7	2062.2	1950.1	1711.2	1710.2	1374.7	1374.3	1374.0	1091.6	1090.7
Cyathidites australis 2576	+	+	+	+	+		+	+	+	+	+	+	+	+
Cyathidites spp. 1825	+	+	+	+	+		+	+	+	+	+	+	+	+
LAND PLANT SPORES Gen et Spp Indt 4736	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ceratosporites equalis 1243		+	+	+			+	+	+	+	+	+	+	+
Cyathidites minor 2577		+	+	+	+	+	+	+	+	+	+	+	+	+
Cyclosporites "quashughesii" sp. nov. 839		?					+	+						+
Leptolepidites verrucatus var. *"cretaceus"* 661		+	+		+		+	+	+	+	+	+	+	+
Neoraistrickia truncata 698		+	+		+		+	+	+	+			+	+
Retitriletes nodosus var. *"nudus"* 829		+	+				+	+	+		+	+	+	+
Retitriletes spp. 1648		+	+	+	+	+	+	+	+	+	+	+	+	+
Biretisporites crenatus 1404			+				+		+		+	+	+	+
Neoraistrickia spp Indt 1649			+		+		+	+			+		+	+
Neoraistrickia trichosa 831			+		+		+						+	+
Osmundacidites spp. 1400			+	+	+		+	+	+	+	+	+	+	+
Lycopodiacidites asperatus 625			+						+					
Perotrilites linearis 812				+									+	+
Retitriletes nodosus var. *"granulatus"* 830				+			+					+	+	
Coronatispora telata 637					+		+							+
Cyclogranisporites spp. 1815					+		+	+	+					+
Cyclogranisporites "todea" sp. nov. 1389					+	+	+		+	+	+	+	+	+
Deltoidospora spp. 1813					+	+	+	+	+	+			+	+
Dictyotosporites complex 885					+	+	+	+	+	+	+	+	+	+
Dictyotosporites filosus var. *"cloisonne"* 4680					?				+					+
Dictyotosporites speciosus var. *"speciosus"* 824					+		+		+	+			+	+
Kekryphalospora spp. 1655					+	+	+	+	+	+	+	+	+	+
Leptolepidites major 652					+	+	+	+		+	+	+	+	+
Murospora florida 624					+	+	+	+	+					+
Neoraistrickia "antequalis" sp. nov. 695					+		+	+					+	+
Osmundacidites wellmanii 2094					+	+	+	+	+	+	+	+	+	+
Retitriletes "antimodosus" sp. nov. 4642					+		+	+	+	+				+
Retitriletes "antarcticolumenus" sp. nov. 1343					+			+	+	+			+	+
Retitriletes "austrofacetus" sp. nov. 4645					+	+	+	+	+	+			+	+
Retitriletes austroclavatidites 1063					+		+	+	+	+	+	+	+	+
Retitriletes circolumenus 930					+		+	+	+	+	+	+	+	+
Retitriletes reticulumsporites 909					+	+	+	+		+	+	+	+	+
Retitriletes solidus 1045					+		+	+						+
Todisporites minor 1401					+		+		+	+	+	+	+	+
Klukisporites lacunus 699					+		+	+				+		
Leptolepidites verrucatus var. *"pricei"* 1344					+		+							
Punctatisporites spp. 95					+		+							
Densoisporites spp. 1631					+									
Ischyosporites punctatus 1003					+									
Aequitriradites spp. 3666						+	+				+			+
Biretisporites spp. 3661						+	+					+	+	+
Camarozonosporites ramosus 210						+				+			+	+
Cyathidites punctatus 912						+					+	+		+
Cyclosporites hughesii var. *"hughesii"* 693						+	+			+	+	+	+	+
Kekryphalospora pervireticulata 1339						+		+					+	+
Klukisporites scaberis 626						+	+	+					+	+
Krauselisporites spp. 1597						+								+
Matonisporites cooksoniae 657						+	+				+			+
Retitriletes "rousseaueа" sp. nov. 1040						+			+					+
Kekryphalospora douglasii var. *"subtilis"* 1372						+							+	
Kekryphalospora "morganii" var. *"nodus"* sp. nov. 701						+					+	+		
Retitriletes "contrarius" sp. nov. 4660						+	+	+	+	+			+	
Kekryphalospora "morganii" var. *"priscus"* sp. nov. 700						+	+	+						
Annulispora densata var. *"crassus"* 813						+								
Dictyophyllidites spp. 3660						+								
Neoraistrickia suratensis var. *"vetus"* 832						+								
Osmundacidites "punctatus" sp. nov. 4832						+								
Acanthotriletes "quasilinearis" sp. nov. 810							+				+			+
Aequitriradites "cristatus" sp. nov. 4834							+			+				+
Aequitriradites spinulosus 905							+	+				+		+
Contignisporites cooksoniae var. *"constrictus"* 644							+				+			+
Contignisporites cooksoniae var. *"parallelos"* 1237							+	+	+					+
Contignisporites glebulentus 685							+	+						+
Coronatispora perforata 667							+					+		+
Crybelosporites stylosus 933							+	+	+					+
Dictyotosporites speciosus var. *"strigosus"* 4668							+					+		+
Foraminisporis dailyi 669							+	+				+		+
Kekryphalospora "medians" sp. nov. 4878							+			+		+		+
Kekryphalospora pseudophyllanthus 1187							+				+	+		+
Leptolepidites "maceoides" sp. nov. 4659							+			+		+		+
Lygodiosporites perverrucatus 628							+	+	+		+	+		+
Neoraistrickia suratensis var. *"junior"* 702							+					+		+
Osmundacidites comaumensis 2587							+		+	+	+	+		+
Osmundacidites "papillatus" sp. nov. 4836							+		+	+	+	+		+
Retitriletes clavatoides 1330							+		+					+
Retitriletes eminulus 1018							+		+			+		+
Retitriletes "proxiradiatus" sp. nov. 910							+					+		+
Retitriletes "rosebankensis" sp. nov. 1540							+							+
Aequitriradites spinulosus var. *"zonatus"* 878							+					+		
Dictyotosporites "antespeciosus" sp. nov. 871							+	?				+		
Retitriletes "microlumenus" sp. nov. 1030							+	+	+			+		
Sestrosporites pseudoalveolatus var. *"antiquis"* 648							+					+		
Contignisporites burgeri var. *"minutus"* 1016							+		+		+			
Coronatispora "punctatus" sp. nov. 4993							+			+				
Cyathidites asper 928							+			+				
Lycopodiacidites sp. aff. *L. asperatus* 920							+		+					
Megaspore Gen. et spp. Indt. 1656							+		+					
Concavissimisporites sp. cf. *C. variverrucatus* 668							+							
Crybelosporites barbarioides 1019							+							
Crybelosporites spp. 3751							+							
Cyclosporites hughesii var. *"cuneiformis"* 4662							+							
Dictyotosporites "robustus" sp. nov. 1549							+							
Foraminisporis "lissus" sp. nov. 1057							+							
Perotrilites "ignavus" sp. nov. 666							+							
Rogalskaisporites canalliculus 618							+							
"Verrucosasporites" "minutus" Gen. et sp. nov. 913							+							
"Verrucosasporites" "pseudoparadoxa" Gen. et sp. nov. 4925							+							
Foraminisporis spp. 1143								+						+
Kekryphalospora "morganii" var. *"morganii"* sp. nov. 1643								+						+
Biretisporites spectabilis 1153								+		+	+			
Klukisporites spp. 1657								+		+	+			
Laevigatosporites belfordii 876								+	+	+	+			
Neoraistrickia elongata 840								+		+	+			
Retitriletes facetus var. *"burgeri"* 836								+			+			
Converrucosisporites sp. cf. *C. exquisitus* 631								+						
Foveosporites sp. cf. *F. multifoveolatus* 808								+						
Stereisporites spp. 3671								+						
Gleicheniidites spp. 2690									+					+
Retitriletes rosewoodensis 78									+					+
Dictyophyllidites mortonii 1580									+	+		+		
Osmundacidites primarius 2093									+			+		
Cingutriletes sp. 395									+	+				
Cibotiumspora jurienensis 1406									+					
Retitriletes tenuis 1535									+					
Aequitriradites norrisii 629										+				
Verrucosisporites "globoverrucatus" sp. nov. 1271										+				
Aequitriradites spinulosos var. *"sollosus"* 821											+			+
Contignisporites burgeri var. *"parallelos"* 645											+	+	+	+
Januesporites "delicatus" sp. nov. 1041											+	+	+	+
Retitriletes facetus 1044											+			+
Velosporites triquetrus 694											+	+		
Lycopodiacidites cerebriformis var. *"minor"* 393											+			
Neves isporites vallatus var. *"triradiatus"* 1106											+			
Retitriletes "minutus" sp. nov. 967											+			
Aequitriradites verrucosus 898												+	+	
Dictyophyllidites harrisii 1085												+	+	
Pilosisporites "neograndis" sp. nov. 4989												+	+	
Pilosisporites notensis 856												+	+	
Pilosisporites parvispinosus 855												+	+	
Ruffordiaspora australiensis 681												+	+	
Ruffordiaspora ludbrookiae var. *"priscus"* 1190												+	+	
Triporoletes reticulatus 922												+		
Anapiculatisporites dawsonensis 1020												+		
Concavissimisporites "hemispherius" sp. nov. 636												+		
Concavissimisporites spp. 4446												+		
Cristatisporites menendezii 4957												+		
Foraminisporis asymmetricus 679												?		
Foraminisporis undatus 664												+		
Foraminisporis wonthaggiensis var. *"gracilis"* 4922												+		
Foveosporites multifoveolatus 623												+		
Neoraistrickia "proxiradiatus" sp. nov. 1022												+		
Obtusisporis sp. cf. *O. canadensis* 1014												+		
Retusotriletes spp. 1635												+		
Stoverisporites sp. cf. *S. microverrucatus* 1194												+		
Striatella patenii 642												+		
Triporoletes simplex 897												+		
"Verrucosasporites" "hamulatus" Gen. et sp. nov. 1908													+	
Aequitriradites acusus 1056													+	
Cicatricosisporites spp. *(sensu lato)* 1418													+	
Concavissimisporites "drewii" sp. nov. 635													+	
Foraminisporis wonthaggiensis var. *"wonthaggiensis"* 662													+	
Gleicheniidites senonicus 1116													+	
Januesporites spinulosus 1168													+	
Laevigatosporites spp. 1621													+	
Perotrilites whitfordensis var. *"priscus"* 4821													+	
Pilosisporites ingramii 4927													+	
Pilosisporites "microbaculata" sp. nov. 4988													+	
Sestrosporites pseudoalveolatus var. *"verrucatus"* 1333													+	
Trilobosporites purverulentus 1248													+	
BISACCATE POLLEN Gen. et spp. Indt. 2884	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Corollina spp. 4803	+		+	+			+		+		+	+	+	+
Callialasporites dampieri 1229		+	+	+	+		+	+	+	+	+	+	+	+
INAPERTURATE POLLEN Gen et spp Indet. 4810		+	+	+	+		+	+	+	+		+	+	+
Alisporites "ovatus" sp. nov. 4801		+	+				+	+	+		+	+		
Alisporites spp. 10		+	+	+	+		+	+	+	+	+	+		
Callialasporites turbatus var. *"gracilis"* 1226		+												
Araucariacites australis 1225			+	+	+		+	+	+			+	+	
Araucariacites fissus 55			+	+	+		+	+	+				+	
Alisporites lowoodensis/similis 1104			+		+		+	+	+	+	+	+		
Cycadopites spp. 2816			+	+	+		+	+		+	+	+		
Alisporites grandis 1224				+	+		+	+	+			+		
Callialasporites turbatus var. *"triangularis"* 1227				+				+						
Callialasporites segmentatus 1231				+	+		+	+						
Corollina torosa var. *"rugosa"* 4597					+					+				+
Microcachryidites antarcticus 1222					+		+	+	+		+	+		+
Podocarpidites spp. 3264					+		+		+		+	+		+
Podosporites tripakshii 1221					+		+							
Trisaccites "neoantarticus" sp. nov. 4877					+		+							
Marsupipollenites triradiatus 70					+									
Podocarpidites elliptcus/verrucosus 984							+	+	+			+	+	
Piceaepollenites parvisaccatus 1107							+	+						
Piceaepollenites spp. 2775							+	+						
Platysaccus spp. 1650							+							
Callialasporites microvelatus 1068								+			+			+
Vitreisporites signatus 1223								+						
Callialasporites trilobatus var. *"dettmannae"* 1228								+						
Trichotomosulcites subgranulatus 1210								+						
Cahenisaccites "elongatus" sp. nov. 1756									+					
Callialasporites "incipiens" sp. nov. 907									+					
Cycadopites follicularis 1233										+		+	+	
Inaperturopollenites spp. *(spheroidal)* 4613											+			
Conidia Gen. et spp. 4576						+								
Phragmospores Gen. et spp. 2932												+		
Leiospheeridia spp. 1461		+	+		+		+	+	+	+	+	+	+	+
Leiospheeridia "minuta" sp. nov. 4640					+		+	+				+		
Schizosporis reticulatus 1340					+					+		+		
Sigmopollis "punctatus" sp. nov. 1440					+									
Microfasta evansii var. *"morganii"* 1154								+			+	+	+	
"Tasmanistids" Gen. et sp. nov. 1765								+			+	+	+	
Brazilea spp. 1529								+		+				
Microfasta evansii var. *"evansii"* 4920										+	+			+
"Botryococcus" Gen. et sp. nov. 1170												+	+	
Micrhystridium spp. 2882				+										
Cuticle type A 1544									+					
Fern Sporangia									+					
MUD CONTAMINATION 4827				?										
EARLY TRIASSIC REWORKED 3208					+									
PERMIAN REWORKED 3210												+		+
TRIASSIC REWORKED 3205														+
Cuticle 3283				+										
Opaque Laths 2930				+										