

TABLE 18. COMPOSITE PALYNOMORPH LISTS FROM OJO ALAMO SANDSTONE TYPE AREA				
CRETACEOUS			PALEOCENE	
Fruitland Formation	Kirtland Formation	Uppermost Kirtland Formation	Upper Ojo Alamo	Lowermost Nacimiento Fm.
Appendicisporites sp.	Appendicisporites sp.		Algal cysts	
	Aquilapollenites quadrilobus			
	Aquilapollenites 3 sp.			
		Arauciacites australis		
	Arecipites columellas			
	Arecipites microreticulatus			
	Arecipites reticulatus	Arecipites reticulatus	Arecipites reticulatus	Arecipites cf. A. reticulatus
Arecipites sp.			Arecipites sp.	
	Azolla circinata			
	Azolla cretacea [relatively abundant]	Azolla cretacea		
	Azolla microspores		Azolla cf. A. schopfi	
	Bissacate conifer		Brevicolporites colpella	
Camarozonosporites ambigens			Cercidiphyllites sp.	
			Chenopodipollis sp.	
	Cingulatisporites lancei			
Cicatricosisporites sp.	Cicatricosisporites sp.			
	Corollina sp.			
Corollina torosa	Corollina torosa	Corollina torosa	Corollina torosa	
			Cupaneidites aff. C. major	Cupaneidites cf. C. major
		Cupaneidites sp.	Cupaneidites sp.	
Cupuliferoideaepollenites minutus		Cupuliferoideaepollenites minutus	Cupuliferoideaepollenites minutus	
Cupuliferoideaepollenites spp.				
Cyathidites minor		Cyathidites minor		
	Cyathidites spp.			
	Cycadopites fragillii			
	Cycadopites sp.			
	Dyadonapites reticulatus	Dyadonapites reticulatus		
Echinatisporis varispinosus				
Ephedripites sp. D				
	Erdtmanipollis cretaceus			
Eucommiidites minor				
	Foraminisporis undulatus			
			Fraxinopollenites variabilis	
	Ghoshispora sp.	Ghoshispora sp.		
	Gunnera			
	Gunnera microreticulata			
	Ilexpollenites compactus			
	Inaperturopollenites sp.			
	Inaperturotetradites scabratus			
Laevigatosporites spp.	Laevigatosporites sp.	Laevigatosporites sp.	Laevigatosporites spp.	
	Larger fern tetrad			
	Liliacidites hyalacinatus?			
Liliacidites leei	Liliacidites leei	Liliacidites leei		
	Liliacidites reticulata			
Liliacidites sp.	Liliacidites sp.	Liliacidites sp.		
	Liliacidites sp. cf. L. complexus			
	Loranthacites			
Microreticulatisporites sp.				
	Momipites inaequalis	Momipites inaequalis	Momipites inaequalis	
		Momipites sp.	Momipites sp.	Momipites
		Momipites tenuipolus	Momipites tenuipolus	
Monocolopollenites? sp.				
	? Monosulcites perspinosus			
Nyssapollenites sp.				
	Osmundacidites stanleyi			
		Osmundacidites wellmannii		
			Ovoidites sp.	
		"Palaeoisoetes" sp.	"Palaeoisoetes" sp.	
	Palaeoisoetes subengelmannii			
			"Paliurus" triplicatus	Paliurus triplicatus?
	Pandaniidites			
			Pandaniidites radicus	
	Pandaniidites typicus	Pandaniidites typicus	Pandaniidites typicus	
	Pityosporites constrictus			
	Pityosporites spp.	Pityosporites sp.	Pityosporites sp.	
	Pityosporites typicus			
			Podocarpus sp.	Podocarpus sp.
			Polypodiisporonites sp.	
Pseudoplicapollis newmanii				
Pseudoplicapollis sp.				
			Psilastephanocolpites sp.	
			"Quercus" explanata	
			Quercus sp.	
Reticuloidosporites pseudomurii				
			Rectosulcites latus	
	Retriletes sp. ("Lycopodiumsporites")			
Rhoipites sp.		Rhoipites sp.		
	Schizosporis parvus			
Stereisporites spp.				
			Syncolporites minimus	
Taxodiaceaeapollenites hiatus	Taxodiaceaeapollenites hiatus	Taxodiaceaeapollenites hiatus		
			Tetracolpites 2 sp.	
		Tetraporina sp.		
			Tricolpites anguloluminosus	
			Tricolpites foveolate	
		Tricolpites? sp. cf. Gunnera		
	Tricolpites interangulus			
	Tricolpites microreticulatus			
	Tricolpites reticulatus			
			Tricolpites scabrata	
Tricolpites spp.	Tricolpites sp.	Tricolpites spp.		
			Tricolporites rhomboides	
Tripoporipollenites spp.				
Tripoporipollenites tectus				
Tschudyipollis retusus	Tschudyipollis retusus	Tschudyipollis retusus (reworked)		
Tschudyipollis sp.	Tschudyipollis spp. (many)	Tschudyipollis thalmanii (reworked)		
	Tschudyipollis thalmanii			
	Tsugaepollenites sp.			
	Ulmipollenites			
Ulmipollenites krempii	Ulmipollenites krempii	Ulmipollenites krempii	Ulmipollenites krempii	
	Ulmipollenites sp.			
			Ulmipollenites 3 and 4 pored.	
	Ulmoideipites krempii			
	("Ulmoideipites") tricostatus	Ulmoideipites tricostatus	Ulmoideipites tricostatus	
	unidentified acritarchs			
	unidentified dinoflagellate cysts			
	unidentified pollen tetrad			
	unidentified triete spores			

Notes: Composite palynomorph lists are based on palynomorph lists on Tables 6, 13.1, and 13.2; the Paleocene Uppermost Kirtland Formation list is from locality D6901.