

TABLE 16. COMPOSITE PALYNOFORM LISTS FOR SOUTHEAST PART OF SAN JUAN BASIN		
CRETACEOUS (CAMPANIAN)	TERTIARY (PALEOCENE)	
Fruiliand-Kirtland Formation	Ojo Alamo Sandstone	Nacimiento Formation
	<i>Abietinaepollenites</i> sp. (<i>Podocarpus northrupi</i>)	
	<i>Abietinaepollenites</i> sp. (<i>Podocarpus sellowiformis</i>)	
<i>Acanthotriletes</i>		
<i>Accuratipollis</i>		<i>Acer striata</i>
<i>Aequitriradites</i>		
Algal cysts	<i>Alnipollenites</i>	
<i>Alnipollenites</i> 4 pored	<i>Alnus?</i> sp.	
<i>Aquilapollenites quadricolobus</i>		
<i>Aquilapollenites senonicus</i>		
<i>Aquilapollenites triatatus, var. uniformis</i>		
<i>Araucariacites</i> sp.		
<i>Arecipites microreticulatus</i> n. sp.		
<i>Arecipites</i>	<i>Arecipites</i>	<i>Arecipites</i> sp.
<i>Arecipites reticulatus</i>		<i>Arecipites reticulatus</i>
<i>Balmesporites</i>		
Bisaccate conifer pollen	<i>Bombacacipites nacimientoensis</i>	<i>Bombacacipites nacimientoensis</i>
<i>Botryococcus</i>	<i>Brevicoprites colpella</i>	
<i>Cicatricosisporites</i>		
<i>Conferitsucicites knowltoni</i>	<i>Classopollis</i> sp.	
	<i>Conferitsucicites knowltoni</i>	
	<i>Conferitsucicites</i> sp.	
<i>Corollina</i>	<i>Cupaneidites</i> aff. <i>C. major</i>	<i>Cupaneidites</i> aff. <i>C. major</i>
<i>Cupaneidites</i> aff. <i>C. reticularis</i>	<i>Cupuliferoidaeipollenites minutus</i>	<i>Cupuliferoidaeipollenites minutus</i>
Dinoflagellates very few	<i>Fraxinopollenites variabilis</i>	<i>Fraxinopollenites variabilis</i>
<i>Ephedra</i> sp. cf. <i>E. voluta</i>		
<i>Equisetosporites parallel striae</i>		
<i>Equisetosporites spiral</i>		
<i>Erdimannipollis</i> sp.		
<i>Eucommidites</i> sp.		
<i>Extratropipollenites</i> sp.		
Fern spores not abundant		
<i>Foveotriletes scrobicularis</i>		
<i>Foveosporites</i> sp. cf. <i>F. canalis</i>		
<i>Gleichenidites</i>		<i>Gleichenidites senonicus</i>
<i>Granabivesiculites</i> sp.		
Hystichospheres very few		
<i>Ilexpollenites</i>		
<i>Inaperturopollenites</i> cf. <i>I. hiatus</i>	<i>Intertriletes reticulatus</i>	
<i>Klukisporites</i>		
<i>Kurtzipites</i>		
<i>Kurtzipites trispissatus</i>	<i>Laevigatosporites</i> sp. (<i>Polypodidites</i> sp.)	
<i>Lecaniella</i>		
<i>Liliacidites complexus</i>		
<i>Liliacidites hyalaciniatus</i>	<i>Liliacidites hyalaciniatus</i>	
<i>Liliacidites leei</i>	<i>Liliacidites leei</i>	<i>Liliacidites leei</i>
<i>Liliacidites</i> sp.	<i>Liliacidites</i> sp.	
<i>Liquidambarpollenites</i> sp.	<i>Lycopodiadites</i>	
		<i>Lygodiosporites?</i> sp.
<i>Monoporopollenites</i> sp.		
<i>Monosulcites persiphosus</i>		
<i>Monosulcites</i> sp.		
<i>Navisulcites marginatus</i>		
<i>Neoraistrickia</i> sp.		
	<i>Momipites inaequalis</i>	<i>Nyssa puercoensis</i>
<i>Momipites sanjuanensis</i>		<i>Momipites inaequalis</i>
<i>Momipites</i> sp.	<i>Momipites tenuipolus</i>	<i>Momipites tenuipolus</i>
	<i>Monolete</i> fern spores	
	<i>Monosulcites</i> sp. (<i>Rectosulcites latus</i>)	
	<i>Nyssapollenites</i> sp.	<i>Nyssapollenites</i> sp.
		<i>Osmundacidites</i> sp.
<i>Paliurus triplicatus</i>	<i>Paliurus triplicatus</i>	
<i>Pediastrum</i>		
<i>Periporopollenites</i> sp.	<i>Periporopollenites</i>	
<i>Perotriletes cubensis</i>		
		" <i>Pinus haploxylon</i> type"
		" <i>Pinus sylvestris</i> type"
	<i>Pityosporites</i> sp.	<i>Pityosporites</i> sp.
<i>Plicapollis?</i>		
	<i>Podocarpidites</i> cf. <i>P. sellowiformis</i>	
	<i>Podocarpus northrupi</i>	
	<i>Podocarpus sellowiformis</i>	<i>Podocarpus sellowiformis</i>
	<i>Podocarpus zuniensis</i>	
<i>Pollenites?</i> sp.		
<i>Polypodidites</i> spp.	<i>Polypodidites</i> spp.	<i>Polypodidites</i> spp.
	<i>Polyporopollenites</i> sp.	
<i>Pristinuspollenites</i>		
<i>Pseudoplicapollis?</i>	<i>Psilastephanocolpites</i> sp.	<i>Psilastephanocolpites</i> sp.
<i>Quadripollis krempii</i>		
	<i>Quercus explanata</i>	" <i>Quercus</i> " <i>explanata</i>
	<i>Quercus?</i> sp.	
	<i>Rectosulcites latus</i>	
<i>Rugubivesiculites</i>		
		<i>Rugulatisporites</i> sp.
	<i>Salix</i> sp.	<i>Salix</i> sp.
	<i>Siltaria</i> cf. <i>S. scabriestima</i>	
<i>Sphagnum</i> sp.	<i>Sporites neglectus</i>	
<i>Sporites?</i> sp. A		
<i>Taxodiaceapollenites</i>		
<i>Tetracopites</i>		<i>Tetradites</i> sp.
		<i>Tilia danei</i>
<i>Tilia wodehousei</i>		
<i>Trichopeltinites</i>		
	<i>Triatropollenites</i> sp. A	
	<i>Triatropollenites</i> sp. B	
	<i>Trichotomosulcites contractus</i>	
	<i>Tricolpites anguloluminosus</i>	<i>Tricolpites anguloluminosus</i>
<i>Tricolpites interangulus</i>		
	<i>Tricolpites</i>	<i>Tricolpites</i> spp.
<i>Tricolpites</i> sp. A	<i>Tricolpites</i> sp. B	
<i>Tricolpopollenites</i> sp.		
<i>Tricolpopollenites</i> sp. A		
<i>Tricolpopollenites</i> sp. B		
<i>Tricolpopollenites</i> sp. C		
<i>Tricolpopollenites</i> sp. (<i>Quercus explanata</i>)	<i>Tricolpopollenites</i> sp. (<i>Quercus explanata</i>)	
<i>Tricolporites</i> sp.		<i>Tricolporites rhomboides</i>
		<i>Tricolporites</i> sp.
		<i>Tricolporites</i> sp. (? <i>Eleagnaceae</i>)
<i>Tricolporites traversei</i>		
	Trilete fern spores	
<i>Triletes?</i> sp. A		
	<i>Triporopollenites plektosus</i>	<i>Triporopollenites plektosus</i>
	<i>Triporopollenites</i> sp. (cf. <i>Casiaromodotes</i>)	<i>Triporopollenites</i> sp. (cf. <i>Casiaromodotes</i>)
	<i>Triporopollenites tectus</i>	<i>Triporopollenites tectus</i>
<i>Trudopollis</i>		
<i>Tschudyipollis</i> many, large		
<i>Tschudyipollis retusus</i>		
<i>Tschudyipollis thalmanii</i>		
<i>Tschudyipollis</i> sp.	<i>Ulimipollenites</i>	
<i>Ulimipollenites</i> 3, 4 pored		
	<i>Ulimipollenites</i> sp. (<i>Ulimoideipites tricostatus</i>)	
	<i>Ulimoideipites krempii</i>	<i>Ulimoideipites krempii</i>
	<i>Ulimoideipites planeraeformis</i>	
<i>Ulimoideipites tricostatus</i>	<i>Ulimoideipites tricostatus</i>	<i>Ulimoideipites tricostatus</i>
<i>Zonalapollenites</i> sp.		
<i>Zivisporis novomexicanum</i>		<i>Zivisporis novomexicanum</i>
<i>Zivisporis</i> sp.	<i>Zivisporis</i> sp.	

Note: Fruiliand-Kirtland palynomorph list is composite of Kirtland Shale florule from Table 5, localities D3738-C and D4017-A, -B, and -C from Table 7, and localities D8628-A, -B, -C and D8592 from Table 9. Ojo Alamo list is composite from Ojo Alamo florules 1 and 2 from Table 5, localities D3738-A, -B from Table 7, and localities D6583-A, -B from Table 9. Nacimiento list is a composite of Nacimiento florules 1 and 2 from Table 5, locality D3803 from Table 7, and locality D6878 from Table 9; palynomorph authorships not shown on this and succeeding tables.