

TABLE 21. COMPOSITE PALYNOMORPH LISTS FROM FRUITLAND FORMATION, SAN JUAN BASIN, NEW MEXICO

Ojo Alamo Ss Type Area	Mesa Portales Area	Gasbuggy Core	Northeast SJ Basin
	Acanthorites		
	Accuratipollis	Accuratipollis spp.	Accuratipollis
	Aequitriradites	Aequitriradites sp.	
		Aequitriradites spinulosus	
	Algal cysts		
	Alnipollenites 4 pored		Alnus 3 pored
Appendicisporites sp.		Alsophilidites sp.	
		Appendicisporites spp.	Appendicisporites
		Aquila 4 E	
		Aquila 17	
		Aquila 18	
		Aquila 36 C	
		Aquila 42	
		Aquilapollenites attenuatus	
		Aquilapollenites delicatus	
	Aquilapollenites quadriobus	Aquilapollenites quadriobus	
	Aquilapollenites senonicus	Aquilapollenites senonicus	Aquilapollenites senonicus
	Aquilapollenites triolatus, var. uniformis		
		Aquilapollenites turbidus	
	Araucariacites sp.	Araucariacites	
	Arecipites microreticulatus		
	Arecipites reticulatus		
Arecipites sp.	Arecipites		
	Balmesporites		
	Bisaccate conifer pollen		
Camazonosporites ambigenis	Botryococcus		
		Camazonosporites spp.	
Cicatricosisporites sp.	Cicatricosisporites	Cicatricosisporites spp.	
			Clavatipollenites
		cf. Concavisporites verrucosus	
	Conferisulcites knowltoni		
Corollina tarosa	Corollina		
	Cupanioidites aff. C. reticularis		
Cupuliferoidaeipollenites minutus			
Cupuliferoidaeipollenites spp.			
Cyathidites minor			Cyrtia minima
	Dinoflagellates very few		
Echinatisporis varispinosus			Echinatisporis
			Engelhardtia type
	Ephedra sp. cf. E. voluta		
Ephedripites sp. D	Equisetosporites parallel striae		
	Equisetosporites spiral		
	Erdmannipollis sp.		
Eucommiidites minor			
	Eucommiidites sp.	Eucommiidites sp.	
	Extratropipollenites sp.		
	Fern spores not abundant		
		Foraminisporis sp.	
	Foveolites scrobicularis		
	Foveosporites sp. cf. F. canalis		
	Gleichenidites	Gleichenidites spp.	Gleichenidites
		Ghoshispora spp.	
	Granabivesiculites sp.		
	Hystichospheres very few		
	Ilexpollenites	Ilexpollenites sp.	Ilexpollenites
	Inaperturopollenites cf. I. hiatus		
		Interporipollenites	
	Klukisporites	Klukisporites spp.	
		Kuylisporites sp.	Kuylisporites
	Kurtzipites		
Laevigatosporites spp.	Kurtzipites trispissatus	Kurtzipites trispissatus	
	Lecanella		
		Leptolepidites major	
	Liliacidites complexus		Liliacidites complexus
	Liliacidites hyalaciniatus		
Liliacidites leei	Liliacidites leei		
Liliacidites sp.	Liliacidites sp.	Liliacidites spp.	
	Liquidambaripollenites sp.		
		Lycopodioidites kuepperi	
		Lycopodioidites sp.	
		Lycopodiumsporites spp.	
		Microfoveolatosporis canaliculatus	
Microreticulatisporites sp.		Microreticulatisporites sp.	Microfoveolatosporis
		cf. Minoripollis	
Monocolopollenites? sp.			Minoripollis
			Mompites sanjuanensis
	Monoporipollenites sp.		
	Monosulcites perspinosus		
	Monosulcites sp.		Monosulcites sp.
	Navisulcites marginatus		
	Neoraistrickia sp.		
Nyssapollenites sp.			
	Mompites sanjuanensis		
	Mompites sp.		
	Paliurus triplicatus		
	Pediastrum		
	Periporipollenites sp.		
	Perotriletes cubensis		
		Phaseolidites stanleyi	Phaseolidites stanleyi
	Plicapollis?		
	Pollenites? sp.		
	Polypodidites spp.	Polypodidites sp.	
		Polypodisporites amplus	Polypodisporites amplus
		Polypodisporites sp.	
	Pristinuspollenites		
Pseudoplicapollis newmanii	Pseudoplicapollis?		
Pseudoplicapollis sp.			
	Quadrupollis krempii		
Reticuloidosporites pseudomurii		cf. Radiales costatus	
Rhoipites sp.			
	Rugubivesiculites		
	Sphagnum sp.		
Stereisporites spp.	Sporites? sp. A		Stereisporites
		Subtriporipollenites sp.	
		cf. Taurocusporites	
Taxodiaceaeipollenites hiatus			
	Tetracolpites		
	Tilia wodehousei	cf. Tilia wodehousei	Tiliaepollenites sp. (Tilia wodehousei)
		Toroisporis sp.	
	Trichopeltinites		Tricolpites anguluminosus
		Tricolpites hians	
	Tricolpites interangulus Newman		
	Tricolpites sp. A	Tricolpites reticulatus	Tricolpites reticulatus
Tricolpites spp.		Tricolpites sp.	
	Tricolpopollenites sp.		
	Tricolpopollenites sp. A		Tricolpopollenites sp. A
	Tricolpopollenites sp. B		Tricolpopollenites sp. B
	Tricolpopollenites sp. C		Tricolpopollenites sp. C
	Tricolpopollenites sp. (Quercus explanata)		
	Tricolporites sp.		Tricolporites sp.
	Tricolporites traversei		
	Triletes? sp. A		
		Triplanosporites sp.	
Triporipollenites spp.			Triporipollenites rugatus
Triporipollenites tectus			Triporipollenites tectus
	Trudopollis	Trudopollis meekeri	
	Tschudyipollis many, large	Trudopollis sp.	
Tschudyipollis retusus	Tschudyipollis retusus		
Tschudyipollis sp.	Tschudyipollis thalmani	Tschudyipollis sp.	Tschudyipollis
	Tschudyipollis sp.		Ulmipollenites
Ulmipollenites krempii			
	Ulmipollenites 3, 4 pored		
	Ulmoidipites tricostatus		
		Vitis? Affluens	
	Zonalapollenites sp.	Zonalapollenites	
	Zivisporis novomexicanum		
	Zivisporis sp.	cf. Zivisporis	

Note: Palynomorphs listed are from Tables 8, 16, 18, and 20