

TABLE 7. LIST OF PALYNOMORPHS IDENTIFIED BY R. H. TSCHUDY IN FASSETT AND HINDS (1971, TABLE 1) AT MESA PORTALES AND TWO OTHER LOCALITIES IN SAN JUAN BASIN								
		U. S. Geological Survey paleobotany locality numbers						
Age	Palynomorphs	Paleocene			Cretaceous			
		D3738-A	D3738-B	D3803	D3738-C	D4017-A	D4017-B	D4017-C
P	<i>Momipites</i> sp. (<i>Momipites inaequalis</i> And.)	X		X				
P	<i>Monosulcites</i> sp. (<i>Rectosulcites latus</i> And.)	X		X				
P	<i>Triatriopollenites</i> sp. A	X						
P	<i>Triatriopollenites</i> sp. B	X						
P, K?	<i>Cupaneidites</i> sp. (<i>Cupaneidites</i> aff. <i>C. major</i> And.)	X	X			X		
	<i>Laevigatosporites</i> sp (<i>Polypodiidites</i> sp. And.)	X						
P	<i>Tricolporites</i> sp. (<i>Tricolporites anguloluminosus</i> And.)	X		X				
P, K	<i>Tricolpopollenites</i> sp. (<i>Quercus explanata</i> And.)	X		X		X		X
	<i>Abietinaepollenites</i> sp. (<i>Podocarpus sellowiformis</i> And.)	X	X		X			
	<i>Classopollis</i> sp.		X					
	<i>Abietinaepollenites</i> sp. (<i>Podocarpus northrupi</i> And.)		X					
P, K	<i>Zlivisporis</i> sp.		X		X			
P, K	<i>Ulmipollenites</i> sp. (<i>Ulmoideipites tricostatus</i> And.)		X		X	X		X
P, K	<i>Liliacidites</i> sp.		X		X			
P	<i>Pollyporopollenites</i> sp.		X					
P	<i>Tricolporites</i> sp. (<i>Tricolporites rhomboides</i> And.)			X				
P	<i>Tricolporites</i> sp.			X				
	<i>Tricolporites</i> sp. (? <i>Eleagnaceae</i>)			X				
	<i>Osmundacidites</i> sp.			X				
P	<i>Tricolporites</i> sp.			X				
K	<i>Proteacidites</i> (<i>Proteacidites thalmanii</i> And.)				X	X	X	X
K	<i>Proteacidites</i> (<i>Proteacidites retusus</i> And.)				X			
K	<i>Monoporopollenites</i> sp.				X			
K	<i>Araucariacites</i> sp.				X	X	X	
	<i>Erdtmannipollis</i> sp.				X			
K	<i>Granabivesiculites</i> sp.				X			
P, K	<i>Liliacidites</i> sp. (<i>Liliacidites leei</i> And.)				X	X		X
P, K	<i>Liliacidites</i> sp. (<i>Liliacidites hyalaciniatus</i> And.)				X			
	<i>Liquidambarpollenites</i> sp.				X			
K	<i>Tricolpites interangulus</i> Newman					X		
	<i>Tricolpopollenites</i> sp.					X	X	X
	<i>Eucommiidites</i> sp.					X	X	X
	<i>Foveosporites</i> sp. cf. <i>F. canalis</i> Balme						X	
	<i>Inaperturopollenites</i> cf. <i>I. hiatus</i> (R. Pot) Th. & Pf.						X	
K	<i>Ephedra</i> sp. cf. <i>E. voluta</i> Stanley						X	X
K	<i>Zonalapollenites</i> sp.						X	
K	<i>Neoraistrickia</i> sp.							X
K	<i>Tricolpopollenites</i> sp. A							X
K	<i>Monosulcites</i> sp.							X
K	<i>Tricolporites</i> sp.							X
K	<i>Tricolpopollenites</i> sp. B							X
K	<i>Tiliaepollenites</i> sp. (<i>Tilia wodehousei</i> And.)							X
P, K	<i>Tricolpopollenites</i> sp. C							X

Note: Palynomorphs listed by age; generally youngest to oldest going down and left to right; *Proteacidites* was renamed *Tschudypollis* by Nichols (2002); D3738-A, -B from Ojo Alamo Sandstone, D3803 from Nacimiento Formation, all other samples from Kirtland and (or) Fruitland Formation; sample locality for sample D4119 shown on Figure 1, all other sample localities shown on figure 21. In left column P = Paleocene, K = Cretaceous