

TABLE 9. UNPUBLISHED PALYNOFORM LISTS FROM USGS PALEOBOTANY LOCALITIES IN MESA PORTALES AREA - STRATIGRAPHIC LEVELS SHOWN ON FIGURES 22 AND 23

Cretaceous							Paleocene	
Locality D6626-A	Locality D6626-B	Locality D6626-C	Locality D6582	Locality D6583-A	Locality D6583-B	Locality D6878		
Lower Kirt.-Fruit. Fm.	Lower Kirt.-Fruit. Fm.	Lower Kirt.-Fruit. Fm.	Upper Kirt.-Fruit. Fm.	Uppermost Kirt.-Fruit. Fm.	Uppermost Kirt.-Fruit. Fm.	Nacimiento Fm.		
<i>Acanthotriletes</i>	<i>Acanthotriletes</i>	<i>Acanthotriletes</i>						
	<i>Accuratipollis</i>							
<i>Aequitriradites</i>	<i>Aequitriradites</i>							
<i>Araucariacites</i> common	<i>Araucariacites</i>	<i>Araucariacites</i>	Algal cysts	<i>Alnipollenites</i> 4 pored	<i>Alnipollenites</i>			
<i>Arecipites</i>					<i>Arecipites</i>		<i>Arecipites</i> sp.	
<i>Aquilapollenites quadrilobus</i>								
<i>Aquilapollenites senonicus</i>								
	<i>Aquilapollenites trialatus</i> , var. <i>uniformis</i>							
	<i>Balmeisporites</i>							
Bisaccate conifer pollen	Bisaccate conifer pollen	Bisaccate conifer pollen						
							<i>Bombacacipites nacimientoensis</i>	
				<i>Cicatricosisporites</i>				
<i>Botryococcus</i>	<i>Botryococcus</i>							
<i>Corollina</i>	<i>Corollina</i>	<i>Corollina</i>	<i>Corollina</i> common					
							<i>Cupuliferoidaepollenites minutus</i>	
Dinoflagellates very few	Dinoflagellates very few	Dinoflagellates very few						
	<i>Equisetosporites</i> parallel striae	<i>Equisetosporites</i> parallel striae	<i>Equisetosporites</i> spiral					
			Fern spores not abundant					
							<i>Fraxinoipollenites variabilis</i>	
	<i>Gleicheniidites</i>							
<i>Hystichospheres</i> very few	<i>Hystichospheres</i> very few	<i>Hystichospheres</i> very few						
<i>Ilexpollenites</i>								
		<i>Klukisporites</i>						
<i>Lecaniella</i>	<i>Lecaniella</i>							
				<i>Kurtzipites</i>				
				<i>Liliacidites</i> complexus				
		<i>Liliacidites</i>						
					<i>Lycopodiacidites</i>			
				<i>Momipites sanjuanensis</i>				
				<i>Momipites</i> sp.				
						<i>Momipites tenuipolus</i>	<i>Momipites tenuipolus</i>	
						Monolete fern spores		
							<i>Nyssapollenites</i> sp.	
<i>Pediastrum</i>	<i>Pediastrum</i>							
					<i>Periporopollenites</i>			
							<i>Pityosporites</i> sp.	
<i>Plicapollis?</i>								
					<i>Podocarpidites</i> cf. <i>P. sellowiformis</i>	<i>Podocarpidites</i>		
<i>Pristinuspollenites</i>	<i>Pristinuspollenites</i>	<i>Pristinuspollenites</i>						
<i>Proteacidites</i> many, large	<i>Proteacidites</i> large	<i>Proteacidites</i> large	<i>Proteacidites</i>					
<i>Pseudoplicapollis?</i>	<i>Pseudoplicapollis?</i>							
							<i>Psilastephanocolpites</i> sp.	
	<i>Quadripollis krempii</i>							
							" <i>Quercus</i> " <i>explanata</i>	
<i>Rugubivesiculites</i>	<i>Rugubivesiculites</i>	<i>Rugubivesiculites</i>						
<i>Taxodiaceaeapollenites</i>	<i>Taxodiaceaeapollenites</i>	<i>Taxodiaceaeapollenites</i>						
	<i>Tetracolpites</i>							
				<i>Tilia wodehousei</i>				
		<i>Trichopeltinites</i>					<i>Tricolpites anguloluminosus</i>	
					<i>Tricolpites</i>		<i>Tricolpites</i> spp.	
					Trilete fern spores			
							<i>Triporopollenites tectus</i>	
							<i>Triporopollenites</i> sp. (cf. <i>Casuarinidites</i>)	
<i>Trudopollis</i>	<i>Trudopollis</i>							
							<i>Ulmipollenites krempii</i>	
							<i>Ulmipollenites tricostatus</i>	
			<i>Ulmipollenites</i> 3, 4 pored	<i>Ulmipollenites</i>	<i>Ulmipollenites</i>			

Note: All palynomorphs except from locality D6878 identified by R. H. Tschudy, USGS, Denver, CO (1983, 1984, written commun.); samples from localities D6582 and D6583-A, -B collected by C. L. Pillmore, USGS, 1983; samples from localities D6626-A, -B, -C were collected by E. M. Shoemaker, USGS, 1983; localities D6582-A, -B and D6626-A, -B, -C from Mesa Portales Study Area, figure 21; locations and (or) stratigraphic levels of samples shown on Figures 21, 22, 23, and 25; sample from locality D6878 collected by the author, 1985 and identified by D. J. Nichols (1994, written commun.).