

Table 1. Coal-bed names of the Upper Fort Union Formation from original, previous, and this study. (1=Baker (1929), 2=Bass (1932) Bryson and Bass (1973), 3=McKay (1973); Olive (1957), 4=McKay and Mapel (1973), 5=Mapel (1973), 6=Kent and others (1980).

Rock Units	Pollen Zones	Original Coal-Bed Names		Previous Coal-Bed Names		This Study		
		Taff (1909)	Mapel (1973)	Montana	Wyoming	Montana	Wyoming	
Upper Fort Union Formation Tongue River Member	P6			Roland ¹	Roland	Roland/Smith	Smith	
		Dietz 1		Smith ¹	Smith/Swartz ⁴	Dietz 1	Upper Wyodak (lower/upper, middle upper, and upper/upper)	
		Dietz 2	Upper Wyodak	Anderson ¹	Anderson (Wyodak)	Dietz 2	Lower Wyodak (lower/lower, middle/lower, and upper/lower)	
		Dietz 3	Lower Wyodak	Dietz 1 ¹	Canyon ⁵ (Big George)	Dietz 3		
	P5				Canyon	Carney	Canyon	Carney
					Cook ²	Werner ⁶	Cook	Werner
					Otter		Otter	
					Wall ¹	Gates ⁶	Wall	Gates
					Pawnee ³	Kennedy ⁶	Pawnee	Kennedy
					Cache ³	Carson ⁶	Cache	Carson
				Sawyer	Broadus	Sawyer	Broadus	
P4				Knobloch		Knobloch		
				Flowers/Goodale	Roberts	Flowers/Goodale	Roberts	
				Terret	Kendrick	Terret	Kendrick	

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