

Table 1. Coal-bed names of the Upper Fort Union Formation from original, previous, and this study. ¹Baker (1929); ²Bass (1932), Bryson and Bass (1973); ³McKay (1973), Olive (1957); ⁴McKay and Mapel (1973); ⁵Mapel (1973); ⁶Kent 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	WYODAK { Smith Upper Wyodak (lower/upper, middle/ upper, and upper/upper) Lower Wyodak (lower/lower, middle/lower, and upper/lower) }	
				Smith ¹				
		Dietz 1		Anderson ¹	Smith/Swartz ⁴	Dietz 1		
		Dietz 2	Upper Wyodak	Dietz 1 ¹	Anderson (Wyodak)	Dietz 2		
			Dietz 3	Lower Wyodak	Dietz 2 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
					Knobloch		Knobloch	
			Flowers/Goodale	Roberts	Flowers/Goodale	Roberts		
P4				Terret	Kendrick	Terret	Kendrick	