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Upper Cretaceous Stage[1]		Potassium-argon dates[1] (Millions of years)	Estimated dates[1] (Millions of years)	Western Interior ammonite zones[1]	Wolf Creek area	Elkhorn Mountains[2]	Livingston area[3]	Central Montana[4]	Red Bird, Wyoming[1]
Maestrichtian	upper	63±2	63		Willow Creek Formation (part?)		Fork Union Formation (part)	Hell Creek Formation	Lance Formation
			64						
			65						
		66±2	66				Hoppers Formation		
	?		67		?				
			68	*Discoscaphites nebrascensis*					
	lower		69	*Hoploscaphites nicolletii*; *Sphenodiscus (coahuilites)*	St. Mary River Formation		Billman Creek Formation		Fox Hills Sandstone
		70	70	*Baculites clinolobatus*; *Baculites grandis*				Fox Hills Sandstone	Pierre Shale: Upper unnamed shale member
				Baculites baculus					
			71	*Baculites eliasi*			Miner Creek Formation		Kara Bentonite Member
				Baculites jenseni					
			72	*Baculites reesidei*				Bearpaw Shale	Pierre Shale: Lower unnamed shale member
	?			*Baculites cuneatus*	Oyster bed				
Campanian	upper	75±2	73	*Baculites compressus*	Eastern facies of Two Medicine Formation; Western facies of Two Medicine Formation: Volcanic member		Cokedale Formation		
				Didymoceras cheyennense	Ash-fall tuffs			Bentonite beds	
			74	*Exiteloceras jenneyi*					
				Didymoceras stevensoni				Judith River Formation	
			75	*Didymoceras nebrascense*					
				Baculites scotti		Elkhorn Mountains Volcanics			
			76	*Baculites gregoryensis*					Pierre Shale: Red Bird Silty Member
				Baculites perplexus (late form)					
			77	*Baculites gilberti*					
				Baculites perplexus (early form)					
			78	*Baculites* sp. (smooth)					Pierre Shale: Mitten Black Shale Member
				Baculites asperformis					
			79	*Baculites mclearni*				Claggett Shale	
				Baculites obtusus	Ash-flow tuffs			Bentonite beds	Pierre Shale: Sharon Springs Member; Ardmore bentonite bed
			80	*Baculites* sp. (weak flank ribs)					
				Baculites sp. (smooth)				Eagle Sandstone	Pierre Shale: Gammon Ferruginous Member
	lower	81±2	81	*Scaphites hippocrepis* (fine ribbed)	?				
				Scaphites hippocrepis (coarse ribbed) medium	Sedimentary member		Eagle Sandstone		
			82	*Scaphites hippocrepis* (coarse ribbed)		?		Telegraph Creek Formation	
Santonian				*Desmoscaphites bassleri*	Virgelle Sandstone				
	upper		83	*Desmoscaphites erdmanni*	Telegraph Creek Formation	Slim Sam Formation	Telegraph Creek Formation		Niobrara Formation
	middle			*Clioscaphites choteauensis*					
			84	*Clioscaphites vermiformis*					
	lower	83±3		*Clioscaphites saxitonianus*				Niobrara Formation	
			85	*Scaphites depressus*	Marias River Shale (part): Kevin Member		Cody Shale (part)		
Coniacian	upper	87±3		*Scaphites ventricosus*					
	middle		86	*Scaphites preventricosus*		Colorado Formation (part)			
	lower			*Barroisiceras*					
			87						

[1]Gill and Cobban (1966, table 2).
[2]Klepper, Weeks, and Ruppel (1957, p. 26, 41).
[3]Roberts (1965, fig. 2); Gill and Cobban (1966, pl. 4).
[4]Gill and Cobban (1966, pl. 4).

☆ INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978—G77072

CHART SHOWING STANDARD STAGES OF THE UPPER CRETACEOUS, POTASSIUM-ARGON DATES, WESTERN INTERIOR AMMONITE ZONES, AND PROBABLE CORRELATION OF UPPER CRETACEOUS ROCKS OF THE WOLF CREEK AREA, MONTANA, WITH EQUIVALENT ROCKS OF OTHER AREAS IN MONTANA AND WYOMING