SERIES	Stages	Informal substages	Western Interior ammonite age spans and radiometric ages (m.y.)	Informal zone nos.	Western Interior inoceramid age spans
UPPER CRETACEOUS	Maastrichtian	Upper	K-T boundary = 65.50 ± 0.10		
			Jeletzkytes nebrascensis	78	
			Hoploscaphites nicolletii	77	
			Hoploscaphites birkelundae	76	
		Lower	*Baculites clinolobatus* 69.59 ± 0.36	75	*"Inoceramus" balchii*
			Baculites grandis 70.00 ± 0.45	74	*Trochoceramus" radiosus*
			Baculites baculus	73	*"Inoceramus" incurvus*
					Endocostea typica
	Campanian	Upper	*Baculites eliasi* 71.98 ± 0.31	72	*"Inoceramus" redbirdensis*
			Baculites jenseni	71	*"Inoceramus" oblongus*
			Baculites reesidei	70	
			Baculites cuneatus	69	*"Inoceramus" altus*
			Baculites compressus 73.52 ± 0.39	68	
			Didymoceras cheyennense 74.74 ± 0.23	67	
			Exiteloceras jenneyi 75.05 ± 0.32	66	*Sphaeroceramus pertenuiformis*
			Didymoceras stevensoni	65	
			Didymoceras nebrascense 75.95 ± 0.41	64	*"Inoceramus" tenuilineatus*
		Middle	*Baculites scotti* 75.77 ± 0.34	63	
			Baculites reduncus	62	
			Baculites gregoryensis	61	
			Baculites perplexus	60	*Cataceramus subcompressus*
			Baculites sp. (smooth)	59	
			Baculites asperiformis	58	
			Baculites maclearni	57	*"Inoceramus"azerbaydjanensis*
			Baculites obtusus 80.58 ± 0.55	56	
		Lower	*Baculites sp.* (weak flank ribs)	55	
			Baculites sp. (smooth)	54	*Cataceramus balticus*
			Scaphites hippocrepis III	53	
			Scaphites hippocrepis II 81.86 ± 0.36	52	
			Scaphites hippocrepis I	51	
			Scaphites leei III	50	*Sphenoceramus lundbreckensis*
	Santonian	Upper	*Desmoscaphites bassleri* 84.30 ± 0.34	49	
			Desmoscaphites erdmanni	48	
			Clioscaphites choteauensis	47	*Cordiceramus muelleri*
		Middle	*Clioscaphites vermiformis*	46	*Cordiceramus bueltenensis*
					Cordiceramus cordiformis
		Lower	*Clioscaphites saxitonianus*	45	*Cladoceramus undulatoplicatus*
	Coniacian	Upper	*Scaphites depressus* 87.14 ± 0.39	44	*Magadiceramus crenelatus*
					Magadiceramus subquadratus
		Middle	*Scaphites ventricosus*	43	*Volviceramus involutus*
				42	*Volviceramus koeneni*
		Lower	*Scaphites preventricosus* 88.55 ± 0.59		*"Inoceramus" gibbosus*
				41	*Cremnoceramus crassus crassus*
					Cremnoceramus crassus inconstans
				40	*Cremnoceramus walt. hannovrensis*
				39	*Cremnoceramus deformis erectus*
	Turonian	Upper	*Scaphites mariasensis*	38	*Cremnoceramus walt. waltersdorfensis*
			Prionocyclus germari	37	*Mytiloides scupini*
			Scaphites nigricollensis	36	*Mytiloides incertus*
			Scaphites whitfieldi	35	*Inoceramus dakotensis*
				34	*Inoceramus perplexus*
		Middle	*Scaphites ferronensis*	33	
			Scaphites warreni	32	*Inoceramus dimidius*
			Prionocyclus macombi 90.60 ± 0.46	31	*Inoceramus aff. dimidius*
			Prionocyclus hyatti 92.46 ± 0.58	30	*Inoceramus howelli*
			Collignoniceras praecox	29	
			Collignoniceras woollgari	28	*Mytiloides hercynicus*
					Mytiloides subhercynicus
		Lower	*Mammites nodosoides*	27	*Mytiloides mytiloides*
			Vascoceras birchbyi 93.48 ± 0.58	26	*Mytiloides kossmati*
			Pseudaspidoceras flexuosum 93.19 ± 0.42	25	
			Watinoceras devonense	24	*Mytiloides puebloensis*
	Cenomanian	Upper	*Nigericeras scotti*	23	*Mytiloides hattini*
			Neocardioceras juddii 93.32 ± 0.38 93.82 ± 0.30	22	*Inoceramus pictus*
			Burroceras clydense	21	
			Euomphaloceras septemseriatum 93.99 ± 0.57	20	
			Vascoceras diartianum	19	
			Dunveganoceras conditum	18	*Inoceramus ginterensis*
			Dunveganoceras albertense	17	
			Dunveganoceras problematicum	16	
			Dunveganoceras pondi 94.71 ± 0.49	15	*Inoceramus prefragilis*
		Middle	*Plesiacanthoceras wyomingense*	14	
			Acanthoceras amphibolum 94.96 ± 0.50	13	*Inoceramus rutherfordi*
			Acanthoceras bellense	12	*Inoceramus arvanus*
			Plesiacanthoceras muldoonense	11	*Inoceramus macconnelii*
			Acanthoceras granerosense	10	
			Conlinoceras tarrantense 95.73 ± 0.51	9	
		Lower		8	Inoceramids present
			(Gap in biostratigraphic record)	7	
				6	
			Neogastroplites maclearni	5	
			Neogastroplites americanus 98.88 ± 0.35	4	
			Neogastroplites muelleri	3	
			Neogastroplites cornutus	2	*Inoceramus maclearni*
			Neogastroplites haasi	1	
			99.6 ± 0.9		

Figure 2. Molluscan fossil zones, informal zone numbers, fossil ranges, and radiometric ages for marine strata of Cenomanian, Turonian, Coniacian, Santonian, Campanian, and Maastrichtian Stages (Upper Cretaceous) in the Western Interior of the United States [modified after Ireneusz Walaszczyk (written commun., 2011); Cobban and others, 2006; Kennedy and others, 1996; Cobban, 1977]. m.y., millions of years.