



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

	STANDARD CLASSIFICATION (Cobban and Reeside, 1952)			UNITED STATES WESTERN INTERIOR ZONES (Cobban and Reeside, 1952)	CANADIAN WESTERN INTERIOR ZONES AND SUBZONES (Jeletzky 1)	SOUTHERN FOOTHILLS	CENTRAL FOOTHILLS	NORTHERN FOOTHILLS	PEACE RIVER PLAINS	N.E. BRITISH COLUMBIA AND N.W. ALBERTA	LIARD RIVER	MACKENZIE MOUNTAINS N.W.T.	CENTRAL ALBERTA	SOUTHERN ALBERTA	MANITOBA AND SASKATCH – EWAN	MONTANA																															
	EUROPEAN STAGES	GULF COASTAL PLAIN	WESTERN INTERIOR U. S. A.																																												
LATE CRETACEOUS	Campanian	Taylor marl	Montana	Pierre shale	Baculites asperiformis	Baculites obtusus	Belly River formation	Nomad	Nomad	Nomad	Puskaskau formation	Nomad	Kotaneelee	Kotaneelee	Lea Park	Pakowki	Riding Mountain ?	Claggett																													
				Eagle sandstone	Scaphites hippocrepis	Inoceramus of the Inoceramus cardissoides-lobatus-stenstrupi species group													Scaphites hippocrepis	Hanson	Chungo	Chungo	Chungo	Puskaskau formation	Chungo																						
																										Telegraph Creek fm.	Scaphites (Desmoscaphites) bassleri	Scaphites (Desmoscaphites) spp.	Thistle	Hanson	Thistle	Hanson	Thistle														
																											Scaphites (Desmoscaphites) erdmanni	Unnamed zone I						Dowling	Marshy- bank	Bad Heart	Bad Heart										
																											Scaphites (Clioscaphites) choteauensis	S. (Clioscaphites) montanensis										Muskiki	Muskiki	Muskiki fm.	Muskiki fm.						
	Santonian	Austin chalk	Niobrara formation	Scaphites (Clioscaphites) vermiformis	Inoceramus involutus = (I. umbonatus) and variants (in middle part) and Scaphites ventricosus s. str. (throughout)	Wapiabi formation	Muskiki	Smoky group	Smoky group	Muskiki fm.	Smoky group	Muskiki fm.	Kotaneelee	Kotaneelee	Milk River	Boyne	Kevin shale																														
				Scaphites depressus														Inoceramus cardiformis	Scaphites (Clioscaphites) vermiformis	Marshy- bank	Bad Heart	Bad Heart																									
				Scaphites ventricosus																			Scaphites depressus	Muskiki	Muskiki	Muskiki fm.	Muskiki fm.																				
																												Turonian	Colorado group	Carlisle shale	Ft. Hays lime- stone	Inoceramus deformis and Scaphites preventricosus	Prionocyclus and Inoceramus lamarki	Ostrea lugubris and (?) Actinocamax manitobensis	Cardium	Sturrock Leyland	Cardinal	Kiska	Moose- hound	Cardium	Moose- hound	Vermilion River formation	Morden	Ferdig shale			
	Sage Breaks	Scaphites corvensis	Prionocyclus (Prionocyclus) wyomingensis	Ram	Opabin	Haven	Vimy	Sunkay	Howard Creek	Pouce Coupe	Doe Cr.	Ashville	Floweree																																		
	Turner sandy member	Scaphites nigricollensis												Prionocyclus (Collignonicer- as) woollgari	Opabin	Haven	Vimy	Sunkay	Howard Creek	Pouce Coupe	Doe Cr.	Ashville	Floweree																								
	Blue Hill Fairport shale	Prionocyclus (Prionocyclus) hyatti																						Prionocyclus (Collignonicer- as) woollgari	Opabin	Haven	Vimy				Sunkay	Howard Creek													Pouce Coupe	Doe Cr.	Ashville
	Cenomanian	Eagle Ford shale	Greenhorn limestone	Pfiefer lime- stone	Inoceramus labiatus	Watinoceras and Inoceramus labiatus	Watinoceras reesidei and Inoceramus labiatus	Baculites (Sciponoceras) gracile	Dunveganoc- eras zone	Dunveganoceras hagei	Dunveganoceras cf. parvum	Dunveganoceras albertense	Dunveganoceras cf. conditum	Inoceramus dunveganensis	Inoceramus rutherfordi	Acanthoceras ? sp. A.	Acanthoceras ? amphibolum	Unnamed zone H	Blackleaf formation																												
				Jetmore chalk member	Baculites (Sciponoceras) gracile															Inoceramus aff. I. fragilis	Dunveganoceras hagei	Dunveganoceras cf. parvum	Dunveganoceras albertense	Dunveganoceras cf. conditum	Inoceramus dunveganensis	Inoceramus rutherfordi	Acanthoceras ? sp. A.	Acanthoceras ? amphibolum	Unnamed zone H	Blackleaf formation																	
				Hartland shale member	? ? ?																										Dunveganoceras pondi	Dunveganoceras hagei	Dunveganoceras cf. parvum	Dunveganoceras albertense	Dunveganoceras cf. conditum	Inoceramus dunveganensis	Inoceramus rutherfordi	Acanthoceras ? sp. A.	Acanthoceras ? amphibolum	Unnamed zone H	Blackleaf formation						
					Lincoln limestone																																					Dunveganoceras pondi	Dunveganoceras hagei	Dunveganoceras cf. parvum	Dunveganoceras albertense	Dunveganoceras cf. conditum	Inoceramus dunveganensis
				Washita group	Mowry shale																										Neogastrolites sp.	Neogastrolites spp.	"Placenticeras" liardense	Gastrolites spp.													
				EARLY CRET.	Albian																										Comanche	Washita group	Mowry shale	Neogastrolites sp.	Neogastrolites spp.												

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TABLE IV. Correlation of Upper Cretaceous formations in Western Canada

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¹Jeletzky, J. A. : Marine Cretaceous Macrofossil Zones of the Western Interior of Canada and Their Correlation with the European and United States Western Interior Zones and Stages; 20th. International Geological Congress, Mexico City, Cretaceous symposium (in press)

Compiled by D. F. Stott
To accompany Memoir 317, by D. F. Stott

²Zones of Scaphites depressus and Inoceramus deformis included in Coniacian Stage by Cobban and Reeside; boundaries shown are those of Jeletzky¹

TABLE IV