GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

Standard Series and Stages			Proposed zonal sequence for the sedimentary basins of Western and Arctic Canada	Time ranges of Lower Cretaceous index fossils figured in this report
LOWER CRETACEOUS	ALBIAN	UPPER	Neogastroplites maclearni	Neogastroplites maclearni
			Neogastroplites americanus	Neogastroplites americanus
			? ? ?	
			Neogastroplites cornutus	Neogastroplites cornutus
			Neogastroplites selwyni	Neogastroplites selwyni
			? ? ?	
			Gastroplites? liardense	Gastroplites? liardense
		MIDDLE	Gastroplites spp.	Gastroplites canadensis; Gastroplites kingi; Gastroplites stantoni; Gastroplites allani; Gastroplites anguinus; Gastroplites spiekeri; Gastroplites cantianus; Gastroplites flexicostatus; Gastroplites aff. canadensis; Gastroplites n. sp. aff. liardense; "Gastroplites" n. sp. A; Inoceramus cadottensis et. var. altifluminis
			? ? ?	
			Beudanticeras affine: Arcthoplites mcconnelli	Beudanticeras affine; Arcthoplites irenense; "Lemuroceras cf. indicum"; Arcthoplites mcconnelli; Arcthoplites belli; Colvillia crassicostata; Arcthoplites talkeetnanum; Aucellina gryphaeoides; Cymahoplites cf. aburense; Arcthoplites aff. belli; Cleoniceras cf. tailleuri; Arcthoplites aff. jachromensis; Puzosia aff. sigmoidalis; Inoceramus dowlingi; Arctica limpidiana; Onestia onestiae; Beudanticeras glabrum
		LOWER	Beudanticeras affine: Arcthoplites irenense	
			Beudanticeras affine: "Lemuroceras cf. indicum" (= Arcthoplites sp. A.)	
			Cleoniceras aff. subbaylei	Sonneratia? sp. A; Cleoniceras aff. subbaylei
			Sonneratia (s. lato)? sp. A.	
			MARINE ROCKS UNKNOWN MAY BE PRESENT LOCALLY	
	NEOCOMIAN	APTIAN	Aucellina ex gr. aptiensis - caucasica: UNNAMED ZONE E	
			Tropaeum australe and Tropaeum undatum	Tropaeum australe; Tropaeum undatum; Tropaeum n. sp. aff. arcticum; Tropaeum aff. australe
			UNNAMED ZONE D	Acroteuthis n. sp. aff. conoides?; Hibolithes n. sp. A?; Acroteuthis pseudopanderi s. lato and allied forms; Aucellina aptiensis et. var. nassibianzi; Aucellina n. sp. B (aff. aptiensis); Aucellina aff. gryphaeoides
			UNNAMED ZONE C	Hoplocrioceras cf. remondi; Hoplocrioceras n. sp. aff. laeviusculum; Acroteuthis cf. kernensis and mitchelli; Aucellina aff. caucasica; Aucellina n. sp. A (aff. aptiensis)
		BARREMIAN	Hoplocrioceras cf. remondi: Crioceratites emerici	Crioceratites emerici; Aulacoteuthis cf. ascendans; Simbirskites cf. kleini; Oxyteuthis cf. jasikowi
			UNNAMED ZONE B	Acroteuthis aff. conoides; Acroteuthis cf. conoides
		HAUTERIVIAN	Simbirskites cf. kleini	
			UNNAMED ZONE A	
			MARINE ROCKS UNKNOWN AND ASSUMED TO BE ABSENT	
		VALANGINIAN	Buchia n. sp. aff. inflata: Dichotomites quatsinoensis	Buchia n. sp. aff. inflata; Dichotomites quatsinoensis
			Buchia sublaevis s. lato and Buchia inflata s. lato: Euryptychites stubbendorfi s. lato	Buchia sublaevis s. lato and allied forms; Buchia inflata s. lato and allied forms; Euryptychites stubbendorfi s. lato
			? ? ?	
			Buchia keyserlingi s. lato: Thorsteinssonoceras ellesmerensis n. gen. n. sp. (a manuscript name)	Buchia keyserlingi s. lato; Buchia bulloides and allied forms; Acroteuthis (new subgenus) n. sp. A; Acroteuthis subquadratus; Polyptychites cf. densicosta; Euryptychites stubbendorfi s. lato; Thorsteinssonoceras ellesmerensis n. gen. n. sp. (a manuscript name); Polyptychites cf. keyserlingi s. lato; Neocomites aff. indomontanus; Dichotomites cf. giganteus; Dichotomites cf. and aff. quatsinoensis
			Buchia keyserlingi s. lato: Tollia tolli s. lato and Temnoptychites novosemelicus (undivided)	Buchia uncitoides s. lato; Buchia n. sp. aff. volgensis; Buchia aff. volgensis; Buchia volgensis s. lato; Buchia aff. keyserlingi; Buchia aff. unschensis; Buchia aff. okensis; Buchia okensis s. lato; Tollia tolli s. lato; Subcraspedites aff. suprasubditus; Subcraspedites aff. spasskensis; Subcraspedites aff. hoeli; Subcraspedites aff. analogus; Praetollia? n. sp. A; Subcraspedites? cf. payeri; Subcraspedites cf. suprasubditus?; Subcraspedites cf. stenomphalus
		BERRIASIAN (= INFRAVALANGINIAN)	Buchia uncitoides s. lato	
			Buchia volgensis s. str. and Subcraspedites? cf. payeri	
			Buchia okensis s. lato and Subcraspedites aff. suprasubditus	

Table 1.

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