CORRELATION TABLE OF THE MESOZOIC ROCKS OF THE KYUQUOT-ESPERANZA AREA WITH SOME OTHER AREAS OF BRITISH COLUMBIA AND ALONG THE PACIFIC COAST

EPOCH	STAGE	KYUQUOT-ESPERANZA AREA PALAEONTOLOGICAL ZONES	ZEBALLOS, NIMPKISH AND QUATSINO AREAS	QUEEN CHARLOTTE ISLANDS	HARRISON LAKE AREA	CALIFORNIA U.S.A.	ALASKA U.S.A.
LOWER CRETACEOUS	LOWER NEOCOMIAN	Not known in the area mapped	Marine Lower Cretaceous of Quatsino with Aucella "piochii" and Polyptychites quatsinoensis	So far unknown, yet possibly present somewhere on the islands	LOWER PART OF THE BROKENBACK HILL FORMATION	SHASTA SERIES: PASKENTA GROUP	Widely present (for example: Stanuikovich shale, Herenden limestone, Keyukuk group, etc.) but insufficiently understood
		Aucella crassicolis, A. crassa, Polyptychites sp. ind.	?				
		Aucella ex gr. keyserlingi, A. ex gr. lahuseni, etc.	Not proved yet probably present		PENINSULA FORMATION	?	
		Aucella okensis (A. cascadensis) and related forms				Lacuna and unconformity	?
UPPER JURASSIC	PORTLANDIAN IN BROAD SENSE	Disconformity	So far unknown in the entire area; possibly missing due to non-deposition or erosion or replaced by non-fossiliferous volcanic rocks		So far unknown in the area. Unconformity between Peninsula and Agassiz Prairie formations. intrusions of granodiorite	?	Not proved definitely as yet but, apparently present locally. (e.g. KENNICOTT FORMATION)
		DIVISION B: Aucella ex gr. rugosa and related forms				KNOXVILLE SERIES	
		DIVISION B: Aucella ex gr. russiensis and related forms, Phylloceras ex gr. subplicatius				?	
		Gap				Unconformity	In places probably confused with Lower Cretaceous
	OXFORDIAN TO KIMMERIDGIAN	DIVISION A: Aucella ex gr. kirghisensis, A. ex gr. spitiensis, A. bronni, Phylloceras ex gr. glennense				?	?
		DIVISION A: Aucella bronni var. leguminosa, A. bronni / Cardioceras ex gr. lillooetense					UPPER PART OF NAKNEK FORMATION
	?	?			?		?
		DIVISION A: Lower shale member without index fossils			AGASSIZ PRAIRIE FORMATION		LOWER PART OF NAKNEK FORMATION
	?	?			?		
	CALLOVIAN	DIVISION A: Cadoceras doroschini (Eichwald) and variants			? KENT & BILLHOOK FORMATIONS		?
		UNCONFORMITY		YAKOUN FORMATION: UPPER YAKOUN Seymourites fauna	MYSTERIOUS CREEK FORMATION (Correlation is only approximate)	No correlation is attempted at this stage of research	SHELIKOF FORMATION
							Chinitna shale
LOWER AND ? MIDDLE JURASSIC	?			? YAKOUN FORMATION: LOWER YAKOUN Stephanoceras-fauna	? ECHO ISLAND FORMATION		TUXEDNI SANDSTONE Only locally present
		Volcanic tuffs and breccias interbedded with acidic to basic lava flows without any fossils	? VANCOUVER GROUP (Upper part only): VOLCANIC PART OF BONANZA GROUP	MAUDE FORMATION: ?			KIALAGVIC FORMATION
		Waterlain pyroclastics, tuffaceous sedimentary rocks with some poorly preserved plant fossils		MAUDE FORMATION: MAUDE Harpoceras fauna	HARRISON LAKE FORMATION		BIDARKA FORMATION
				MAUDE FORMATION: ?			
UPPER TRIASSIC	NORIAN AND ? RHAETIAN	?	SEDIMENTARY PART OF BONANZA GROUP (especially beds with Monotis subcircularis)	UPPER TRIASSIC: ?	?		?
		Myophoria cf. cairnesi		UPPER TRIASSIC: Sediments with Monotis subcircularis	No correlation is attempted at this stage of research		No correlation is attempted at this stage of research
		Monotis subcircularis					

G. S. C.

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