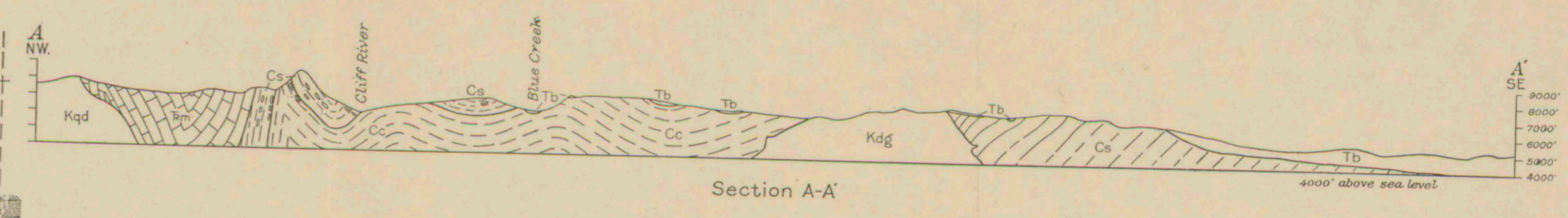
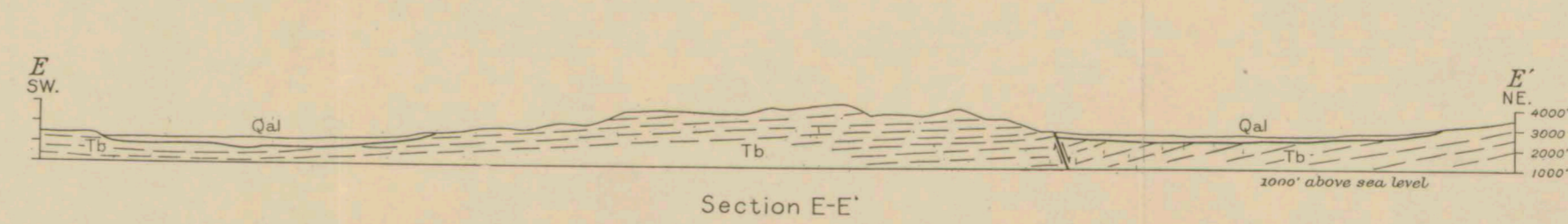
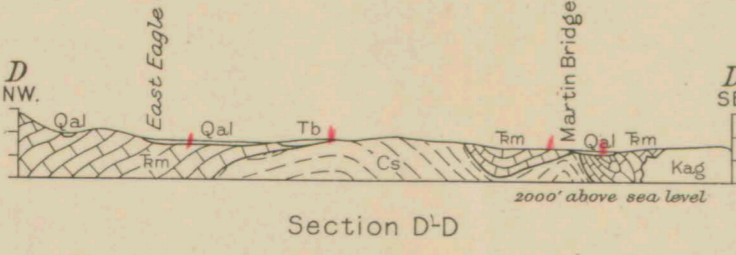
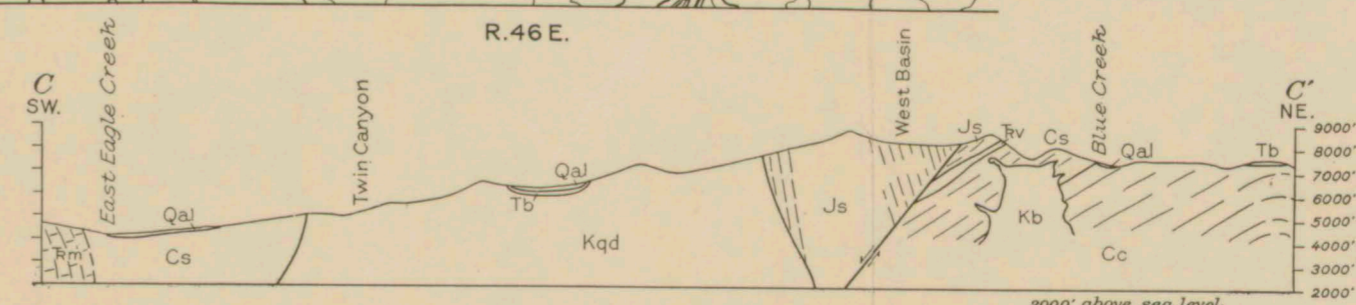
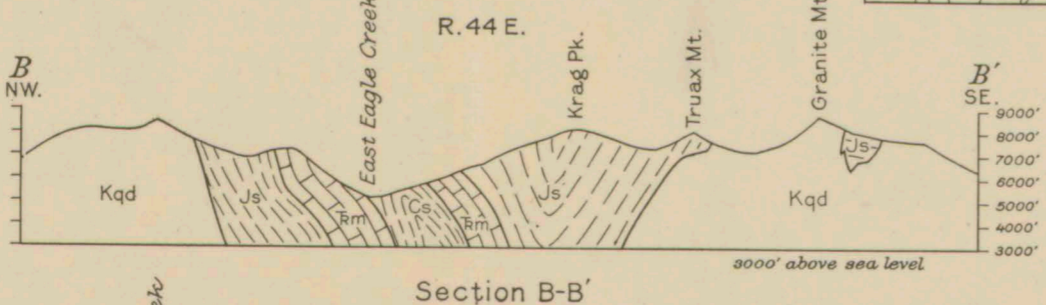




Fossil localities



EXPLANATION		STRATIFIED ROCKS	
T. 7. S.	Principal and basal	Qal	Alluvial and glacial deposits (unconsolidated gravel and sand, may include some old alluvium of late Tertiary age)
		Tb	Columbia River basalt (principally basalt flows; some pyroclastic beds in places)
		Js	Tuff (light gray moderately fine-grained tuff, with numerous coarse fragments; interbedded with Columbia River basalt near its base)
		Sm	Younger Tertiary sedimentary rocks (soft brown shale near Eagle Creek; clastics being and gray silts, silts and quartzitic sandstone, and minor amounts of conglomerate)
		Sm	Triassic (?) volcanic rocks (may possibly be pre-Mesozoic)
		Sm	Martin Bridge formation (Humboldt, in part metamorphosed; dark metamorphosed andesite and basalt with some interbedded colorous material; locally correlated with Martin Bridge formation)
		Ep	Epilite-garnet rock (sedimentary strata, largely conglomeratic, with much epidote and garnet resulting from metamorphism)
T. 7. S.	Principal	Ccl	Carboniferous (?) sedimentary rocks
		Ccl	Clear Creek greenstone (green, gray, and purple metamorphosed lava and pyroclastic rocks, principally andesite, with some interbedded sedimentary rocks; Ccl interbedded in some places)
		Bl	Black slate (thin-bedded black and brown slate)
		Tr	Intrusive rocks
		Tr	Trap (irregular intrusion of a dark, fine-grained, ferromagnesian rock)
		Qd	Quartz diorite and granodiorite (both alike masses of medium-grained quartz diorite and granodiorite with numerous variations in composition)
		Og	Oligoclase basaltite (dark bluish gray aphanitic rock with small plagioclase phenocrysts)
		Dg	Diorite gabbro complex
		Ag	Albite granite (medium-grained granite rock composed essentially of quartz and albite with some calcite)
		Ab	Albite (fine-grained rock related to and apparently grading into the albite granite)
		Am	Amphibolite (irregular intrusion of a metamorphosed dioritic rock, probably of early Mesozoic age)
		F	Fault
		S	Strike and dip
		M	Mine



GEOLOGIC MAP OF PART OF THE WALLOWA MOUNTAINS, OREGON
By Clyde P. Ross
1938