

**Higher-Level Physiognomic Vegetation Categories for Garry Oak and Surrounding Ecosystems
(updated November 14, 2001)**

Formation Class & class limits	Formation Subclass	Types, by Layer Dominants	
Forest >50% crown cover of trees; >10 m trees	Conifer Forest	Douglas-fir	
		Douglas-fir – Grand fir	
		Lodgepole Pine	
		Douglas-fir – Lodgepole Pine	
	Mixed Conifer/ Broadleaf Forest	Douglas-fir - Arbutus	
		Douglas-fir – LPine - Arbutus	
		Douglas-fir – Garry Oak	
Lodgepole Pine – Garry Oak			
others			
Woodland <50%, at least 10% crown cover of trees; >10 m trees	Conifer Woodland	any conifer	
	Mixed Woodland	Garry Oak – Lodgepole Pine	
		Garry Oak – Douglas-fir	
		Garry Oak - RMjuniper	
	Broadleaf Woodland	Garry Oak	
		Garry Oak - Arbutus	
		Garry Oak - Aspen	
Savannah <10 % crown cover of trees; >10 m trees	Broadleaf Savannah	Garry Oak	
	Mixed Savannah	Douglas-fir – Garry Oak	
	Conifer Savannah	Douglas-fir	
Low Woodland Single-stemmed species in dominant layer (3 – 10 m)	Mixed Low Woodland	Douglas-fir - Arbutus	
		Douglas-fir – LPine - Arbutus	
		Lodgepole Pine - Arbutus	
		RMjuniper – Garry Oak	
		RMjuniper - Arbutus	
	Broadleaf Low Woodland	Arbutus	
		Garry Oak - Arbutus	
		Garry Oak – Crataegus sp.	
Garry Oak			
Shrubland: Multi-stemmed species in dominant layer (usually < 4 m); >20% cover of shrubs <10% of trees (If total veg.cover <100%, at least 1/3 must be shrubs)	Evergreen Shrubland	Manzanita	
		Broom	
		Gorse	
		Common Juniper	
		combinations	
	Mixed Shrubland		
		Deciduous Shrubland	Blackberry
		Snowberry	
		Ocean spray	
		Ninebark	
Pacific Willow			
Herbaceous¹ Formations >20% cover herbaceous, <20% shrubs. (If total veg. Cover <100%, at least 1/3 must be herbaceous)	Grass communities		
	Grass/Forb comm.		
	Forb communities		
	Fern communities		
Moss / Lichen Formations >50% moss/lichen cover <20% for each of herbaceous and shrub	Moss communities	Rhacomitrium	
		Dicranum	
		Polytrichum	
		Selaginella/Moss	
	Mixed moss/lichen communities	Rhacomitrium/Cladina	
		Dicranum/Cladina	
	Lichen communities	Cladina	
Cladina/other lichens			

¹ In this column "herbaceous" is meant to include herbs, ferns and graminoid species