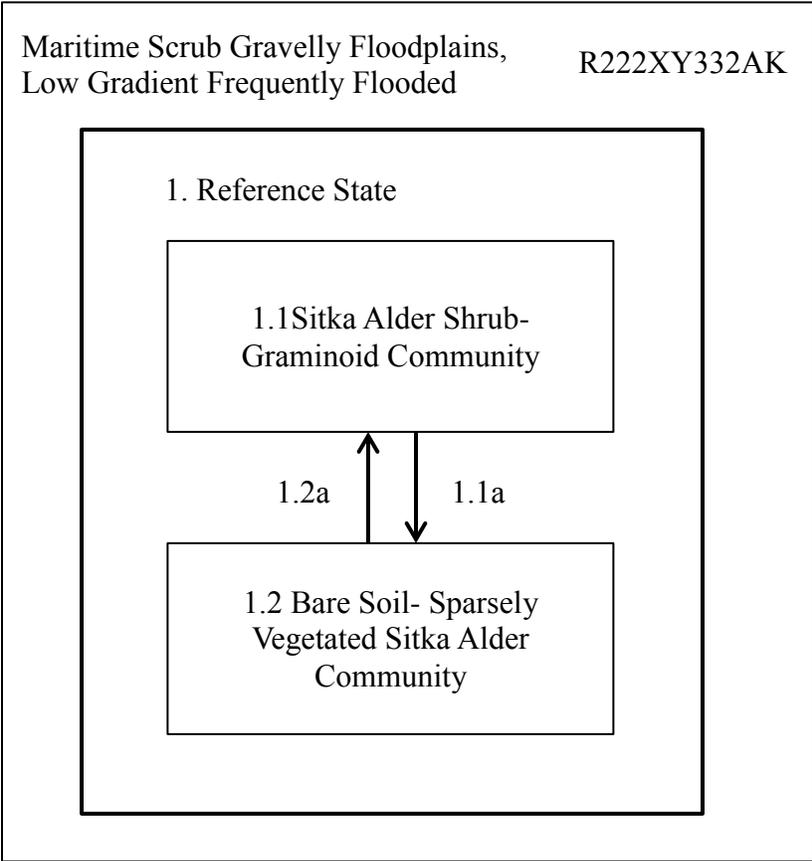


Ecological Site Description ID:	R222XY332AK
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Ecological Dynamics of the Site:

This ecological site is adjacent to stream channels on low-gradient maritime flood plains. The ecological dynamics of this site are driven by frequent flooding. The plant community varies from a sparse Sitka alder shrub phase to a continuous cover of Sitka alder and Salix with a dense layer of forbs and graminoids. Because of the high frequency of flooding, tree cover is less than 10 percent and consists of regenerating or medium-sized trees.

State and Transition Model:



State ID Number:	1	State Name:	Reference state
Phase 1.1			
Community Phase Number:	1.1	Community Phase Name:	Sitka Alder Shrub-Graminoid
Community Phase Narrative:			
<p>This is the climax community phase for a maritime gravelly flood plain adjacent to the stream channel. The vegetation community consists of 60 to 100 percent shrub cover of Sitka alder (<i>Alnus viridis ssp. sinuata</i>) and <i>Salix sitchensis</i>. There is a nearly continuous layer of graminoid and forb species, dominantly <i>Equisetum arvense</i>, <i>Aruncus dioicus</i>, and <i>Streptopus amplexifolius var. amplexifolius</i>. As much as 5 percent cover of regenerating and medium-sized <i>Populus balsamifera</i> has been observed in some areas.</p>			
Community Pathways			
Pathway Number	Pathway Name & Description		
1.1A	Frequent flooding		

Phase 1.2			
Community Phase Number:	1.2	Community Phase Name:	Bare Soil-Sitka Alder
Community Phase Narrative:			
<p>This community phase develops following a flood and is characterized by 60 to 100 percent bare soil and surface rock. This early successional phase consists of 0 to 25 percent cover of Sitka alder (<i>Alnus viridis ssp. sinuata</i>) and <i>Salix</i>. The shrubs are distributed in small clumps. As much as 10 percent moss cover may be in some areas.</p>			
Community Pathways			
Pathway Number	Pathway Name & Description		
1.2A	Time since a flood		