

Ecological Site Description ID:	R222XY352AK
Ecological Dynamics of the Site:	
<p>This ecological site is in linear to convex positions in the subalpine life zone. These areas generally are drier and less protected from wind as compared to ecological site F222XY350AK, which is in protected concave positions.</p> <p>This site is characterized by shallow organic soils over bedrock. The soils support a mixed scrub-lichen community. The ecological dynamics of the site are driven by exposure to cold temperatures, wind, and a short growing season. The climate and shallow, dry soils generally limit tree growth. The historical climax plant community was the only community phase observed.</p>	
State and Transition Model:	
<div style="border: 1px solid black; padding: 10px; margin: 0 auto; width: 80%;"> <p style="text-align: center;">Subalpine Scrub Organic Slopes R222XY352AK</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 60%;"> <p style="text-align: center;">1. Reference State</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 40%; text-align: center;"> <p>Community Phase 1.1 (RCP) Dwarf Scrub/ Lichen</p> </div> </div> </div>	

State ID Number:	1	State Name:	Reference state
Phase 1.1			
Community Phase Number:	1.1	Community Phase Name:	Mixed Dwarf Scrub-Lichen Community
Community Phase Narrative:			
<p>This is the historical climax community phase. The community is characterized by mixed dwarf scrub and lichen. Average dwarf shrub cover is 50 percent. Common dwarf shrub species include <i>Empetrum nigrum</i> and <i>Vaccinium uliginosum</i> with a smaller proportion of <i>Spiraea stevenii</i>, <i>Phyllodoce glanduliflora</i>, <i>Cassiope mertensiana</i>, <i>Rubus pedatus</i>, <i>Harrimanella stelleriana</i>, <i>Cassiope</i>, <i>Vaccinium vitis-idaea</i>, and <i>Salix rotundifolia</i>. Average lichen cover is 45 to 50 percent. <i>Cladina stellaris</i> and <i>Cladina rangiferina</i> are the dominant lichen species with a smaller proportion of <i>Cladina portentosa</i>, <i>Usnea</i>, <i>Peltigera</i>, <i>Cladonia macilenta</i>, and <i>Cladonia</i>. Stunted Sitka spruce (<i>Picea sitchensis</i>) makes up less than 5 percent cover. Trace graminoid and forb cover has been observed.</p>			
Community Pathways			
Pathway Number	Pathway Name & Description		
Not applicable	No community phase pathways have been observed.		