

DOUGLAS-FIR-WHITE FIR/CREEPING SNOWBERRY

Pseudotsuga menziesii-*Abies concolor*/*Symphoricarpos mollis*

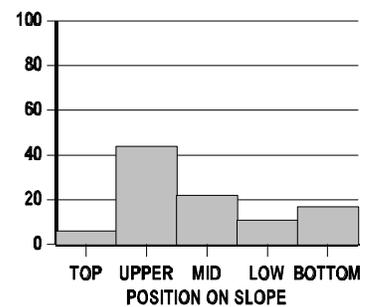
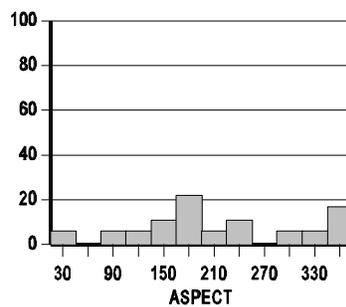
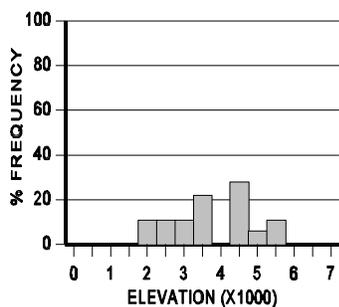
PSME-ABCO/SYMO (N=18; FS=18)



Distribution. This Association occurs on the Applegate and Ashland Ranger Districts, Rogue River National Forest and the Galice Ranger District, Siskiyou National Forest. It may also occur on the Illinois Valley Ranger District, Siskiyou National Forest and adjacent Bureau of Land Management lands.

Distinguishing Characteristics. This is the driest Douglas-fir Association. It is also one of the coolest. White fir is frequently present, indicating a more productive site. Western sword-fern is generally absent.

Soils. Parent material is mostly schist, andesite, basalt, and granite. Soils are moderately deep to deep, with an average depth of greater than 40 inches. Average surface rock cover is 4 percent, with 6 percent gravel.



Environment. Elevation averages 3730 feet. This Association occurs on all aspects. Slopes average 38 percent and range from 3 to 76 percent. This Association may occur on any slope position.

Vegetation Composition and Structure. Total species richness is low for the Series, averaging 33 species. The overstory is dominated by Douglas-fir and ponderosa pine. The understory is dominated by Douglas-fir. White fir is frequent, while California black oak and Pacific madrone are common. Frequent shrubs include creeping snowberry, baldhip rose, and Piper's Oregongrape. Creambush ocean-spray and western snowberry are common. All have very low covers. Western starflower and white-flowered hawkweed are frequently occurring herbs, while Scouler's harebell, rattlesnake-plantain, mountain sweet-root, woods strawberry, pathfinder, catchweed bedstraw, and snowqueen are common. All also have very low covers. Moss cover averages 1 percent.

Upper layer tree cover is high for the Series, averaging 71 percent. Mid-layer tree cover is intermediate, averaging 41 percent. Lower layer tree cover, high and low shrub cover, and herb/grass cover are all low for the Series, averaging 18, 11, 16, and 19 percent, respectively.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				3
Douglas-fir	PSME	100	39	
Ponderosa pine	PIPO	100	18	
White fir	ABCO	39	2	
Sugar pine	PILA	33	9	
<u>Understory trees</u>				5
Douglas-fir	PSME	100	23	
White fir	ABCO	72	6	
Pacific madrone	ARME	56	16	
California black oak	QUKE	56	3	
Ponderosa pine	PIPO	39	2	
Canyon live oak	QUCH2	33	3	
Pacific dogwood	CONU4	33	2	
<u>Shrubs</u>				8
Creeping snowberry	SYMO	89	5	
Baldhip rose	ROGY	83	1	
Piper's Oregongrape	BEPI2	78	2	
Creambush ocean-spray	HODI	72	3	
<u>Herbs</u>				17
Western starflower	TRLA6	83	1	
White-flowered hawkweed	HIAL2	78	1	
Scouler's harebell	CASC7	72	1	
Rattlesnake-plantain	GOOB2	72	1	
Mountain sweet-root	OSCH	61	1	
Woods strawberry	FRVEB3	61	1	