

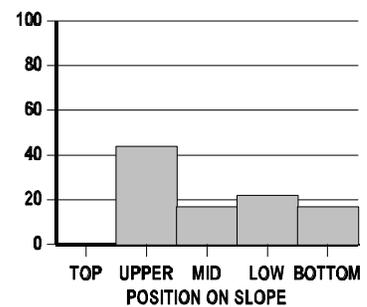
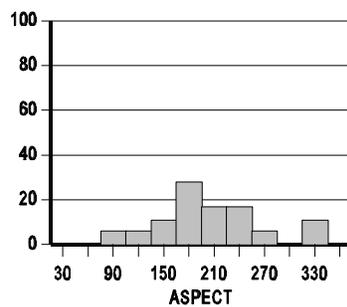
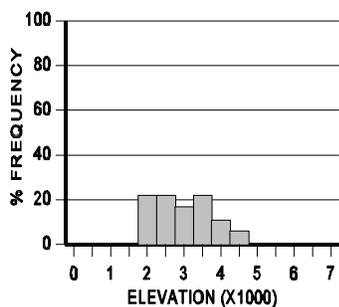
DOUGLAS-FIR-INCENSE-CEDAR/PIPER'S OREGONGRAPE  
*Pseudotsuga menziesii-Calocedrus decurrens/Berberis piperiana*  
 PSME-CADE27/BEPI2 (N=18; FS=18)



Distribution. This Association occurs on the Applegate, Ashland, and Prospect Ranger Districts, Rogue River National Forest, and the Tiller and North Umpqua Ranger Districts, Umpqua National Forest. It may also occur on the Butte Falls Ranger District, Rogue River National Forest and adjacent Bureau of Land Management lands.

Distinguishing Characteristics. This is a drier, cooler Douglas-fir association. White fir is frequently present, but with relatively low covers. Piper's Oregon grape and poison oak, dry site indicators, are also frequently present.

Soils. Parent material is mostly schist, welded tuff, and basalt, with some andesite, diorite, and amphibolite. Average surface rock cover is 8 percent, with 8 percent gravel. Soils are generally deep, but may be moderately deep, with an average depth of greater than 40 inches.



Environment. Elevation averages 3000 feet. Aspects vary. Slope averages 35 percent and ranges between 12 and 62 percent. Slope position ranges from the upper one-third of the slope down to the lower one-third of the slope. This Association may also occur on benches and narrow flats.

Vegetation Composition and Structure. Total species richness is high for the Series, averaging 44 percent. The overstory is dominated by Douglas-fir and ponderosa pine, with sugar pine and incense-cedar common associates. Douglas-fir dominates the understory. Incense-cedar, white fir, and Pacific madrone frequently occur, generally with covers greater than 5 percent. Sugar pine is common. Frequently occurring shrubs include Piper's Oregon grape, baldhip rose, poison oak, creeping snowberry, and Pacific blackberry. All have low covers except poison oak, which averages 12 percent cover. Pathfinder, slender-tubed iris, rattlesnake-plantain, woods strawberry, white-flowered hawkweed, western starflower, and western sword-fern are all frequent herbs. All generally have low cover values. Moss cover averages 11 percent.

Upper layer tree cover is intermediate for the Series, averaging 64 percent. Mid-layer tree cover is high, averaging 50 percent, while lower layer tree cover is low, averaging 21 percent. Both high shrub and low shrub covers are low for the Series, averaging 10 and 28 percent, respectively. Herb/grass cover is intermediate, averaging 35 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				3
Douglas-fir	PSME	100	35	
Ponderosa pine	PIPO	83	15	
Sugar pine	PILA	67	7	
Incense-cedar	CADE27	50	18	
<u>Understory trees</u>				7
Douglas-fir	PSME	100	33	
Incense-cedar	CADE27	94	9	
White fir	ABCO	89	5	
Pacific madrone	ARME	78	12	
Sugar pine	PILA	67	2	
<u>Shrubs</u>				10
Piper's Oregon grape	BEPI2	94	3	
Baldhip rose	ROGY	89	2	
Poison oak	RHDI6	83	12	
Creeping snowberry	SYMO	83	5	
Pacific blackberry	RUUR	78	3	
<u>Herbs</u>				24
Pathfinder	ADBI	94	2	
Slender-tubed iris	IRCH	94	1	
Rattlesnake-plantain	GOOB2	94	1	
Woods strawberry	FRVEB3	89	2	
White-flowered hawkweed	HIAL2	89	2	
Western starflower	TRLA6	83	2	