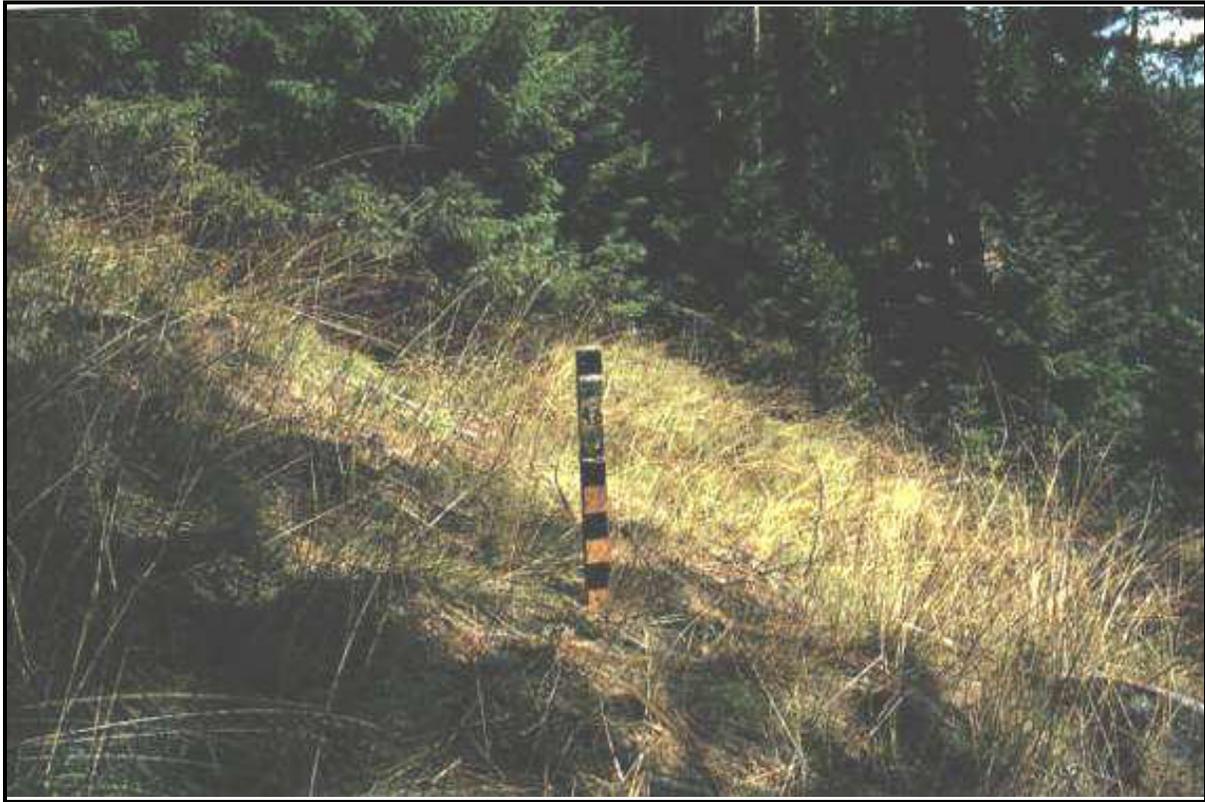


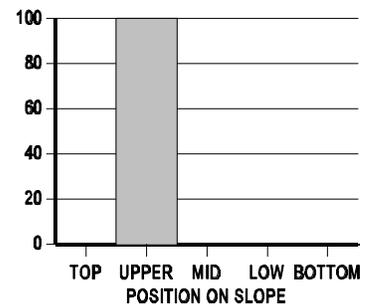
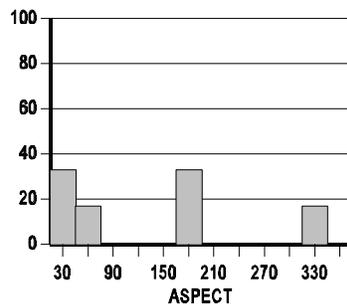
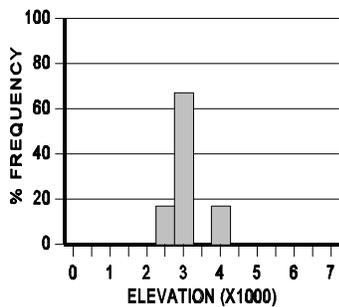
DOUGLAS-FIR-INCENSE-CEDAR-JEFFREY PINE
Pseudotsuga menziesii-Calocedrus decurrens-Pinus jeffreyi
 PSME-CADE27-PIJE (N=6; FS=6)



Distribution. This Association occurs on the Illinois Valley Ranger District, Siskiyou National Forest and the Diamond Lake Ranger District, Umpqua National Forest. It may also occur on adjacent districts of both Forests, along with adjacent lands of the Bureau of Land Management.

Distinguishing Characteristics. This Association is generally found on serpentine and peridotite. Jeffrey pine and incense-cedar are frequent. Douglas-fir-Incense-cedar-Jeffrey Pine is one of the drier, cooler associations. This Association is found mainly on upper slope positions.

Soils. Parent material is serpentine and peridotite, with some ash and granite. Average surface rock cover is 13 percent, with 11 percent gravel and 3 percent bare ground exposure. Soils are generally shallow to moderately deep, with an average depth of 21 inches.



Environment. Elevation averages 3080 feet. Aspects are most frequently northeast and south. Slope averages 48 percent and ranges between 33 and 60 percent. This Association is generally found on upper third slope positions.

Vegetation Composition and Structure. Total species richness is low for the Series, averaging 31 species. The overstory is dominated by Douglas-fir, Jeffrey pine, and incense-cedar. Sugar pine rarely occurs. The understory is dominated by Douglas-fir and incense-cedar. Tanoak and canyon live oak are frequent, while Jeffrey pine, Pacific madrone, and sugar pine are common. White fir will occasionally be found. Baldhip rose is a frequent shrub, while poison oak, hairy honeysuckle, and Piper's Oregongrape are common. White-flowered hawkweed and slender-tubed iris are frequent herbs, while whipplevine, imbricate sword-fern, rattlesnake-plantain, slender bittercress, common yarrow, California harebell, and western starflower are common herbs. Moss cover averages 19 percent.

Upper layer tree cover is low, averaging 53 percent. Mid-layer tree cover is high for the Series, averaging 47 percent, and lower layer tree cover is intermediate, averaging 36 percent. High and low shrub covers are both low for the Series, averaging 2 and 20 percent, respectively. Herb/grass cover is high for the Series, averaging 66 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				3
Douglas-fir	PSME	100	24	
Jeffrey pine	PIJE	100	12	
Incense-cedar	CADE27	83	6	
Sugar pine	PILA	33	3	
<u>Understory trees</u>				6
Douglas-fir	PSME	100	31	
Incense-cedar	CADE27	100	16	
Tanoak	LIDE3	83	5	
Canyon live oak	QUCH2	83	4	
Jeffrey pine	PIJE	67	11	
Pacific madrone	ARME	50	16	
Sugar pine	PILA	50	3	
<u>Shrubs</u>				7
Baldhip rose	ROGY	83	1	
Poison oak	RHDI6	50	4	
Hairy honeysuckle	LOHI2	50	2	
Piper's Oregongrape	BEPI2	50	1	
<u>Herbs</u>				15
White-flowered hawkweed	HIAL2	100	1	
Slender-tubed iris	IRCH	83	1	
Whipplevine	WHMO	67	8	
Imbricate sword-fern	POMUI3	67	5	
Rattlesnake-plantain	GOOB2	67	1	
Slender bittercress	CAPUP	50	4	
Common yarrow	ACMI2	50	2	