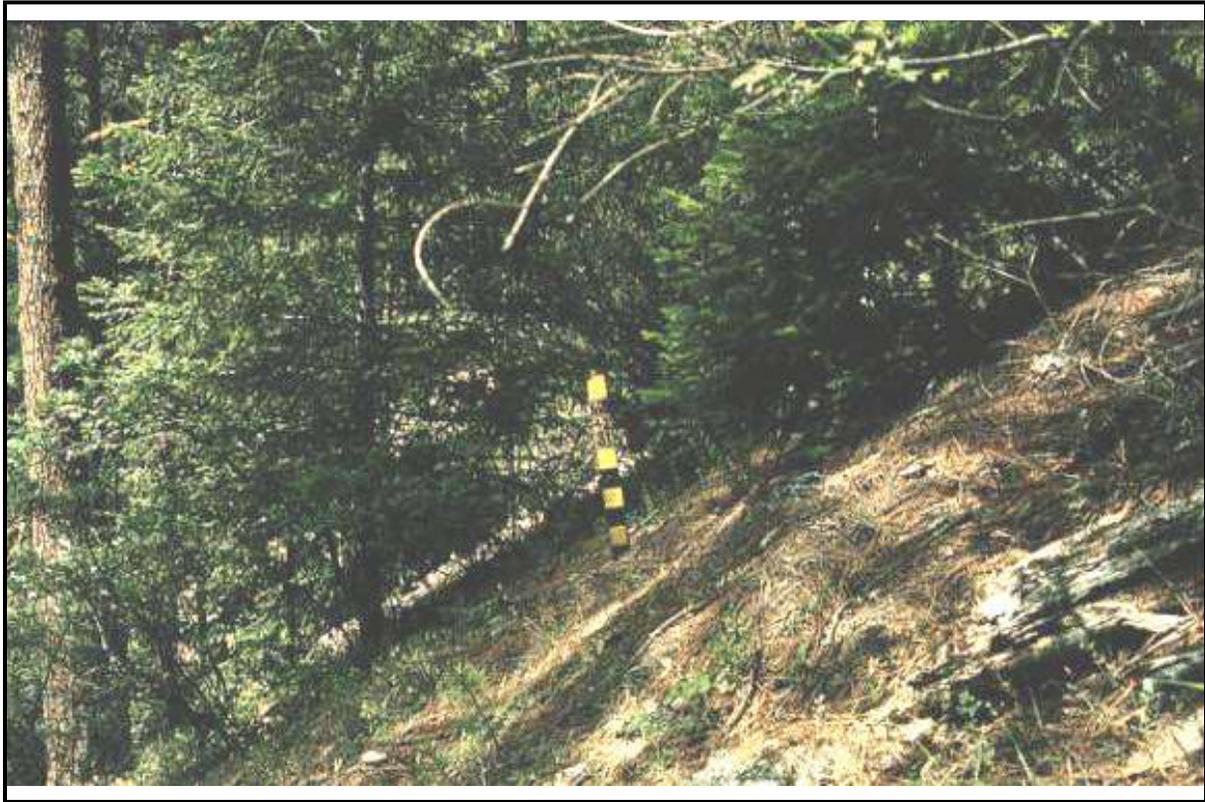


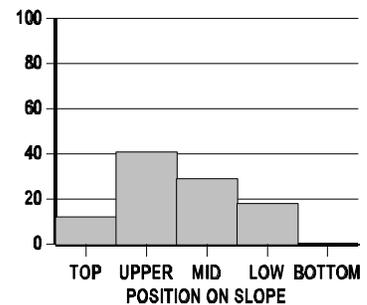
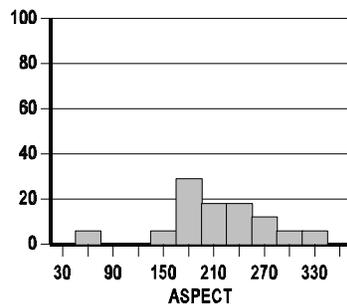
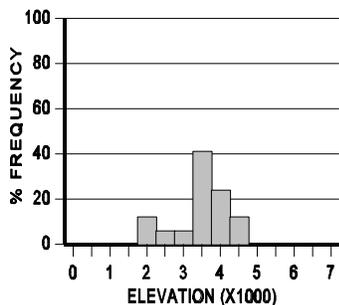
DOUGLAS-FIR-PONDEROSA PINE/POISON OAK
Pseudotsuga menziesii-*Pinus ponderosa*/*Rhus diversiloba*
 PSME-PIPO/RHDI6 (N=17; FS=17)



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

Distinguishing Characteristics. This is one of the drier, cooler Douglas-fir associations. Ponderosa pine, California black oak, and poison oak, all dry site indicators, are usually present.

Soils. Parent material is mostly granite, gabbro or schist. Average surface rock cover is 7 percent, with 8 percent gravel. Soils are moderately deep to deep, with an average depth of greater than 39 inches. Based on one plot sampled, surface texture is loam with 45 percent gravel. Subsurface texture is sand with 65 to 85 percent gravel and cobbles.



Environment. Elevation averages 3450 feet. Aspects vary, though tend not to be northeast. Slope averages 47 percent and ranges from 22 to 80 percent. Slope position ranges from the lower one-third of the slope up to ridgetops.

Vegetation Composition and Structure. Total species richness is intermediate for the Series, averaging 38 species. The overstory is dominated by Douglas-fir and ponderosa pine. Sugar pine is common. The understory is dominated by Douglas-fir. Pacific madrone, ponderosa pine, and California black oak are frequent. Sugar pine is common. Poison oak and Piper's Oregon grape are frequent shrubs, while creeping snowberry, deerbrush, western serviceberry, creambush ocean-spray, and hairy honeysuckle are common. Woodland tarweed, white-flowered hawkweed, and spreading dogbane are frequently occurring herbs, while woods strawberry, slender-tubed iris, mountain sweet-root, and American vetch are common. Moss cover averages 3 percent.

Upper layer tree cover is low for the Series, averaging 49 percent. Mid-layer tree cover is intermediate, averaging 40 percent, while lower layer tree cover is low, averaging 22 percent. High shrub and low shrub covers are low for the Series, averaging 8 and 11 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	26	
Ponderosa pine	PIPO	94	18	
Sugar pine	PILA	65	5	
<u>Understory trees</u>				6
Douglas-fir	PSME	100	22	
Pacific madrone	ARME	94	9	
Ponderosa pine	PIPO	82	5	
California black oak	QUKE	76	8	
Sugar pine	PILA	71	2	
Incense-cedar	CADE27	47	3	
<u>Shrubs</u>				7
Poison oak	RHDI6	76	5	
Piper's Oregon grape	BEPI2	76	2	
Creeping snowberry	SYMO	71	2	
Deerbrush	CEIN3	65	4	
Western serviceberry	AMAL2	59	1	
Creambush ocean-spray	HODI	53	1	
Hairy honeysuckle	LOHI2	53	1	
<u>Herbs</u>				22
Woodland tarweed	MAMA	88	1	
White-flowered hawkweed	HIAL2	88	1	
Spreading dogbane	APAN2	88	1	
Woods strawberry	FRVEB3	65	3	
Slender-tubed iris	IRCH	65	1	
Mountain sweet-root	OSCH	59	1	