

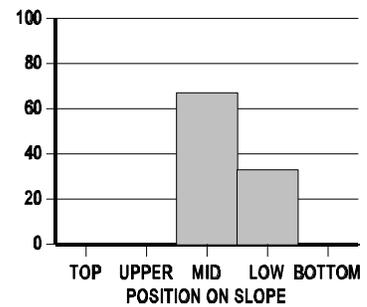
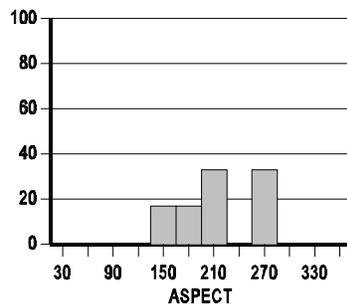
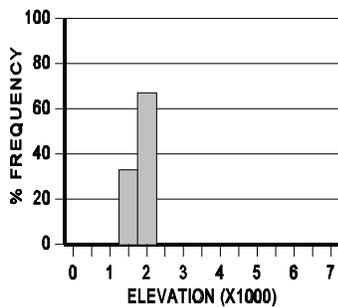
JEFFREY PINE/HOARY MANZANITA/IDAHO FESCUE
Pinus jeffreyi/*Arctostaphylos canescens*/*Festuca idahoensis*
 PIJE/ARCA5/FEID (N=6; BLM=6)



Distribution. This Association occurs on the Grants Pass Resource Area, Medford District, Bureau of Land Management. It may also occur on the Illinois Valley and Galice Ranger Districts, Siskiyou National Forest.

Distinguishing Characteristics. This is a low elevation Jeffrey pine association and is one of the warmer, drier Jeffrey pine associations. Hoary manzanita and Idaho fescue are frequently present, both with covers greater than 30 percent. Dwarf ceanothus is also frequently present with covers usually greater than 5 percent.

Soils. Parent material consists of mixed-ultramafics, serpentine, and peridotite. Surface rock (defined as greater than 7 centimeters in size) cover averages 8 percent, while exposed bedrock cover averages 6 percent. Bare ground averages 19 percent.



Environment. Elevation averages 1730 feet. Aspects vary, though this Association is rarely found on north aspects. Slope averages 44 percent, with a range of 35 to 60 percent. Slope position ranges from mid-slope to lower slope and rolling topography is common.

Vegetation Composition and Structure. Total species richness is very low for the Series, averaging 19 species. The overstory is dominated by Jeffrey pine. The only understory species commonly found is Jeffrey pine, although incense-cedar is occasionally found. Hoary manzanita and dwarf ceanothus are frequently present in the shrub layer. Hoary manzanita covers are generally greater than 30 percent and Dwarf ceanothus covers are generally greater than 5 percent. Brewers oak is common. In the herb/grass layer, Idaho fescue is frequently found, with high covers. Buttercup and common eriophyllum are also frequently found, but with low covers. Applegate's paintbrush, sickleleaf onion, locoweed, and ookow are all common, also with low covers. Moss is absent.

Cover for trees greater than 10 feet tall (3 meters) averages 12 percent, while cover for trees less than 10 feet tall averages 1 percent. Cover for shrubs greater than 20 inches tall (50 centimeters) averages 46 percent, and cover for shrubs less than 20 inches tall averages 8 percent. Herb/grass cover averages 47 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				1
Jeffrey pine	PIJE	67	10	
Pacific madrone	ARME	17	10	
Incense-cedar	CADE27	17	5	
<u>Understory trees</u>				2
Jeffrey pine	PIJE	67	6	
Incense-cedar	CADE27	33	2	
Douglas-fir	PSME	17	3	
California-laurel	UMCA	17	3	
California black oak	QUKE	17	1	
Canyon live oak	QUCH2	17	1	
<u>Shrubs</u>				3
Hoary manzanita	ARCA5	100	38	
Dwarf ceanothus	CEPU	100	8	
Brewers oak	QUGAB	67	9	
Coffeeberry	RHCA	33	2	
<u>Herbs</u>				14
Idaho fescue	FEID	100	32	
Buttercup	RAFLU	83	2	
Common eriophyllum	ERLA6	83	1	
Applegate's paintbrush	CAAP4	67	1	
Sickleleaf onion	ALFA3	67	1	
Locoweed/Milk vetch	ASDI2	50	1	
Ookow	BRCO2	50	1	
Geyer's oniongrass	MEGE	33	4	
Silky horkelia	HOSE	33	2	
Common yarrow	ACMI2	33	1	