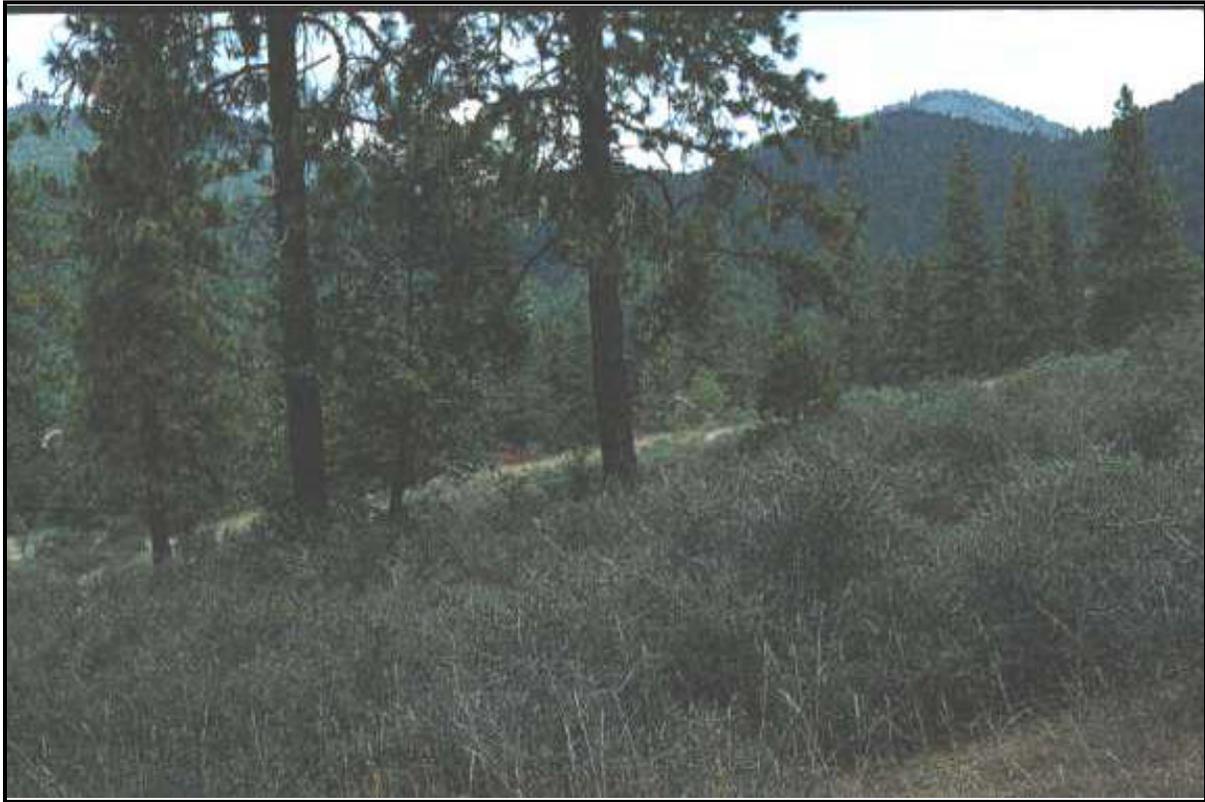


JEFFREY PINE/BUCKBRUSH/IDAHO FESCUE

Pinus jeffreyi/Ceanothus cuneatus/Fescue idahoensis

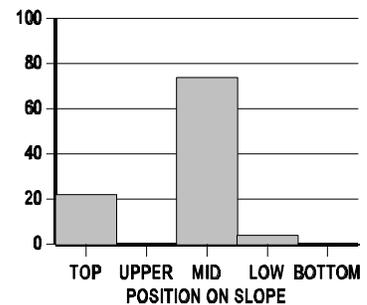
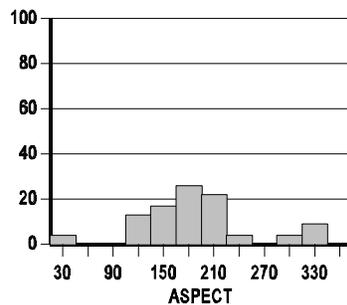
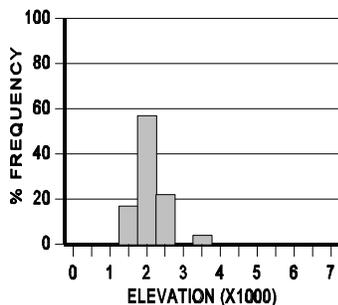
PIJE/CECU/FEID (N=23; BLM=23)



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

Distinguishing Characteristics. This Association occurs at low elevations and is the driest Jeffrey pine association. Buckbrush, a dry site indicator, occurred on 21 out of 23 plots, with an average cover of 37 percent. Buckbrush is abundant only in this Jeffrey Pine Association. Idaho fescue and whiteleaf manzanita occur frequently, with average covers of 53 and 20 percent, respectively.

Soils. The predominant parent material is mixed ultramafics, with serpentine and granodiorite occurring occasionally. Surface rock (defined as greater than 7 centimeters in size) cover averages 18 percent with less than 1 percent exposed bedrock present.



Environment. Elevation averages 2080 feet. Aspect is variable, though generally south, southeast, or southwest. Slope averages 43 percent and ranges from 0 to 60 percent. This Association occurs on all slope positions, but mostly mid-slope.

Vegetation Composition and Structure. Total species richness is very low for the Series, averaging 15 species. The overstory is dominated by Jeffrey pine. The understory is also dominated by Jeffrey pine. Incense-cedar is common, while Douglas-fir and Pacific madrone occur occasionally. Understory covers are low. The shrub layer is dominated by buckbrush and whiteleaf manzanita, both with high covers. The herb/grass layer is dominated by Idaho fescue, with covers generally greater than 30 percent. Sulphurflower and rock fern are frequent, Pacific hound's-tongue is common, and bluegrass, big squirreltail, and common yarrow are occasional, all with low covers. Moss cover averages less than 1 percent.

Cover for trees greater than 10 feet tall (3 meters) averages 27 percent while cover for trees less than 10 feet tall averages 4 percent. Cover for shrubs greater than 20 inches tall (50 centimeters) averages 25 percent, while cover for shrubs less than 20 inches tall averages 32 percent. Herb/grass cover averages 52 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				1
Jeffrey pine	PIJE	100	19	
Incense-cedar	CADE27	22	4	
Douglas-fir	PSME	9	8	
<u>Understory trees</u>				3
Jeffrey pine	PIJE	87	9	
Incense-cedar	CADE27	65	10	
Douglas-fir	PSME	39	4	
Pacific madrone	ARME	30	3	
California-laurel	UMCA	22	5	
<u>Shrubs</u>				3
Buckbrush	CECU	91	37	
Whiteleaf manzanita	ARVI4	87	20	
Poison oak	RHDI6	26	5	
Pale serviceberry	AMPA2	26	2	
<u>Herbs</u>				8
Idaho fescue	FEID	87	53	
Sulphurflower	ERUM	74	2	
Rock fern	ASDE6	74	1	
Pacific hound's-tongue	CYGR	52	4	
Bluegrass	POA	43	3	
Big squirreltail	SIJU	35	3	
Common yarrow	ACMI2	35	1	
Deadly zigadenus	ZIVE	22	1	