

PORT-ORFORD-CEDAR/HAIRY HONEYSUCKLE-FESCUE

Chamaecyparis lawsoniana/Lonicera hispidula/Festuca

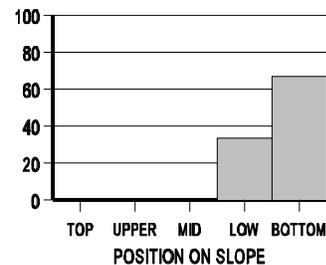
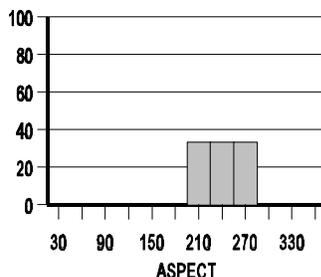
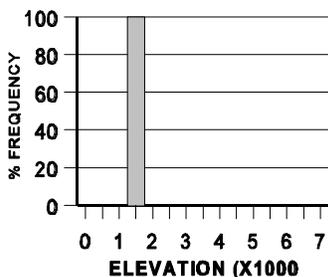
CHLA/LOHI2/FESTU (N=3; BLM=3)



Distribution. This Association occurs on the Applegate Ranger District, Rogue River National Forest and the Ashland Resource Area of the Medford District, Bureau of Land Management. This Association may also occur on the Ashland Ranger District, Rogue River National Forest.

Distinguishing Characteristics. This is a relatively low elevation Port-Orford-cedar Association found solely on shallow soils derived from ultramafic parent material. It is dry and warm with a mean annual temperature of 45 degrees F and mean annual precipitation of 55 inches. Port-Orford-cedar is present in both the overstory and understory, with a combined cover exceeding 28 percent.

Soils. Parent material consists of ultramafic materials. Soils are mostly shallow, with an average depth of 11 inches. Based on three plots sampled, soil texture is silty clay, with 12 percent rock fragments, most of which is gravel (averaging 8 percent).



Environment. Elevation averages 1690 feet. This Association is found primarily on southwest aspects, near or in wetlands. Slopes average 22 percent and range from 14 to 35 percent. This Association may also be found on the lower third of slopes in areas with perched water tables.

Vegetation Composition and Structure. Total richness, low for the series, averages 18 species. The overstory is dominated by Port-Orford-cedar. The understory is dominated by Port-Orford-cedar, with Douglas-fir, Jeffrey pine and sugar pine common. California black oak occurs on about 30 percent of the sites. Fescue dominates the herbaceous layer with an average of 45 percent cover. Hairy honeysuckle, sickleleaf onion, and obscure bedstraw are frequently found with individual species averaging two percent cover. Western azalea is common, averaging greater than 30 percent cover. California pitcher-plant is occasionally found, averaging greater than 20 percent cover. Moss cover averages nine percent.

Cover for trees greater than 10 feet tall (3 meters) averages 57 percent, while cover for trees less than 10 feet tall averages 23 percent. Cover for shrubs greater than 20 inches (50 centimeters) tall averages three percent. Cover for shrubs less than 20 inches tall averages 38 percent. Herb cover averages 59 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				2
Port-Orford-cedar	CHLA	100	9	
Douglas-fir	PSME	33	20	
Sugar pine	PILA	33	13	
<u>Understory trees</u>				4
Port-Orford-cedar	CHLA	100	19	
Douglas-fir	PSME	100	13	
Sugar pine	PILA	67	13	
Jeffrey pine	PIJE	67	13	
California black oak	QUKE	33	50	
<u>Shrubs</u>				2
Hairy honeysuckle	LOHI2	100	3	
Western azalea	RHOC	67	55	
Poison oak	RHDI6	33	3	
Hoary manzanita	ARCA5	33	2	
<u>Herbs</u>				10
Fescue	FESTU	100	45	
Sickleleaf onion	ALFA3	100	2	
Obscure bedstraw	GAAM2	100	2	
Spatula-leaf stonecrop	SESP	67	2	
California pitcher-plant	DACA3	33	22	
Carex ssp.	CAREX	33	10	
Howell's horkelia	HOSE	33	3	
Snow-queen	SYRE	33	2	