

WHITE FIR/COMMON BEARGRASS

Abies concolor/Xerophyllum tenax

ABCO/XETE (N=5; BLM=5)

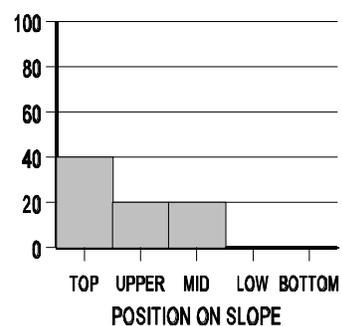
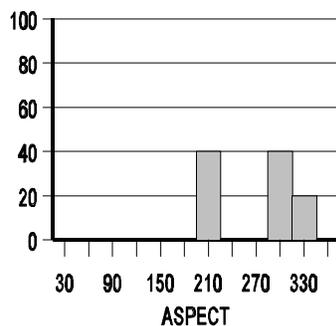
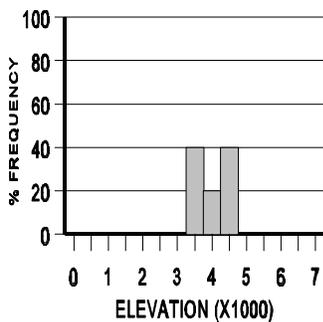


Distribution. This Association occurs on the Grants Pass and Glendale Resource Areas of the Medford District, Bureau of Land Management. It may also occur on adjacent Forest Service lands.

Distinguishing Characteristics. This Association occurs at moderate elevations, on moist warm sites. Common beargrass cover is high.

Soils. Parent material can be schist, serpentine, or peridotite. Average surface rock cover is 34 percent, with 28 percent gravel, and 3 percent bare ground exposure. The depth on one sample plot was 30 inches.

Environment. This Association averages 4310 feet in elevation and occurs on northwest and southwest aspects. Slope averages 26 percent and ranges from 8 to 48 percent. This Association occurs predominately on ridge top positions.



Vegetation Composition and Structure. Total species richness is low for the Series, averaging 25. Douglas-fir and white fir are frequent overstory. White fir is frequent in the understory and Douglas-fir is common. Hardwoods may include golden chinquapin. In the shrub layer, baldhip rose and dwarf Oregongrape are frequent, and creambush ocean-spray is common. Common beargrass is likely present, and western fescue, white-flowered hawkweed, and snow-queen are common. Moss cover is low for the Series, averaging 4 percent.

Cover of trees exceeding 10 feet tall (3 meters) averages 68 percent, while trees less than 10 feet tall average 8 percent cover. Cover of shrubs greater than 20 inches tall (50 centimeters) averages only 1 percent, and cover of shrubs less than 20 inches tall averages 2 percent. Herb/grass cover ranges from 30 to 85 percent, and averages 46 percent.

Common name	Code	Constancy	Cover	Avg. Richness
<u>Overstory trees</u>				3
Douglas-fir	PSME	100	47	
White fir	ABCO	80	11	
Shasta red fir	ABMAS	40	18	
Incense-cedar	CADE27	40	10	
<u>Understory trees</u>				2
White fir	ABCO	100	13	
Douglas-fir	PSME	60	4	
Incense-cedar	CADE27	40	5	
<u>Shrubs</u>				6
Baldhip rose	ROGY	100	1	
Dwarf Oregongrape	BENE2	80	1	
Creambush ocean-spray	HODI	60	1	
Western serviceberry	AMAL2	40	1	
Pacific blackberry	RUUR	40	1	
Creeping snowberry	SYMO	40	1	
<u>Herbs</u>				16
Common beargrass	XETE	100	32	
Snow-queen	SYRE	60	6	
Western fescue	FEOC	60	1	
White-flowered hawkweed	HIAL2	60	1	
Scouler's harebell	CASC7	40	2	
Trail-plant	ADBI	40	1	
Common prince's-pine	CHUM	40	1	
Little prince's-pine	CHME	40	1	
Pacific coral-root	COME4	40	1	
Northwest listera	LICA10	40	1	
Alaska oniongrass	MESU	40	1	
Yampah	PEGA3	40	1	
Woodland phlox	PHAD2	40	1	
Western sword-fern	POMU	40	1	
Whitevein pyrola	PYPI2	40	1	
One-sided pyrola	PYSE	40	1	
Columbia brome	BRVU	40	1	