

MOUNTAIN HEMLOCK/PINEMAT MANZANITA/COMMON PRINCE'S-PINE

Tsuga mertensiana/Arctostaphylos nevadensis/Chimaphila umbellata

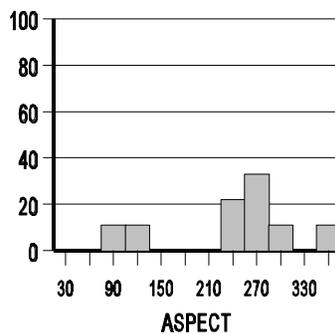
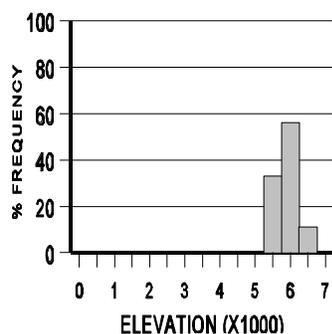
TSME/ARNE/CHUM (N=9; Sky Lakes=9)



Distribution. Mountain Hemlock/Pinemat Manzanita/Common Prince's-pine occurs in the Sky Lakes Wilderness in the southern Oregon Cascades. It may also occur on the Ashland, Butte Falls, or Prospect Ranger Districts, Rogue River National Forest.

Distinguishing Characteristics. Mountain Hemlock/Pinemat Manzanita/Common Prince's-pine and Mountain Hemlock/Grouse Huckleberry/Common Prince's-pine are found at the highest elevations of the Mountain Hemlock Series. Mountain Hemlock/Pinemat Manzanita/Common Prince's-pine generally occurs on relatively steeper slopes (20 percent), with lodgepole pine and grouse huckleberry rarely occurring. Mountain Hemlock/Grouse Huckleberry/Common Prince's-pine is found on relatively flatter slopes (11 percent), and grouse huckleberry is frequently present with lodgepole pine commonly present.

Soils. Soil data are not available.



Environment. Elevation averages 6130 feet. Mountain Hemlock/Pinemat Manzanita/Common Prince's-pine occurs on most aspects, although rarely on southeast and south aspects. Slope averages 20 percent and ranges from 8 to 55 percent. Upper one-third slope positions predominate.

Vegetation Composition and Structure. Total species richness is very low for the Series, averaging 11 species. Overstory tree layer is dominated by Shasta red fir, with mountain hemlock occurring frequently, and western white pine occasionally. Understory is dominated by mountain hemlock, with Shasta red fir frequent, and western white pine occasional. In the shrub layer, pinemat manzanita is common. Herb/grass richness is very low for the Series, with common prince's-pine, long stolon sedge, and one-sided pyrola frequent, and white-flowered hawkweed occasional. Moss cover averages less than 1 percent.

Vegetation layer cover data are not available.

Common name	Code	Constancy	Cover	Richness
<u>Overstory trees</u>				2
Shasta red fir	ABMAS	100	42	
Mountain hemlock	TSME	100	13	
Western white pine	PIMO3	33	4	
<u>Understory trees</u>				2
Mountain hemlock	TSME	100	30	
Shasta red fir	ABMAS	89	5	
Western white pine	PIMO3	33	1	
<u>Shrubs</u>				2
Pinemat manzanita	ARNE	56	5	
<u>Herbs</u>				4
Common prince's-pine	CHUM	89	13	
Long stolon sedge	CAPE6	78	2	
One-sided pyrola	PYSE	78	2	
White-flowered hawkweed	HIAL2	33	2	
California brome	BRCA5	22	6	
Pacific bleedingheart	DIFO	22	3	
Whitevein pyrola	PYPI2	22	1	
Little prince's-pine	CHME	22	1	