

18 Cascade Conifers	Description	Elevation	Cones	Needles	Stomata	Other
Douglas Fir	Bottle brush	Up to 4500	3-4 in, 3 pt bracts	1 in, flat, pointy tip	2 bottom	Not true fir
Western Hemlock	Droopy top	Up to 4500	.5-.75 in	Unequal 3	2 bottom	State tree
Mountain Hemlock	Less droopy	Over 4000	1-3 in	More equal 2	Top & btm	larger cone
Silver Fir cones up	Pale btm need	2000-5000	3.5-6 in	Sides & top	2 bottom	Silver bark
Grand Fir grape fruit	2 rows of needles	2000-5000	2-4.5 in, grn-brn	Equal, side by side	2 bottom	needles not sharp
Noble Fir	Blue green	3000-5000	4-7 in, bracts	4 sides, top groove	2 top	Rainier and south
Subalpine Fir	Bottle brush	Over 4500	2.5-4 in	Equal	2 top, faint	Steeple
Ponderosa Pine	Distinctive	Up to 4500	3-6 in	3 5-10 in		East only
Lodgepole Pine			1-2 in	2 1-3 in		L = 2
Western White Pine		Up to 5000	6-11 in	5, splayed		W = 5
Whitebark Pine		5000+	2-3 in	5, stouter, bundled		W = 5
Sitka Spruce	Coastal most	Up to 2000	2.5-4 in	Prickly	2 top	
Engelmann Spruce	Mountains	3000-6000	1.5-2.5 in	4 sides, prickly, blue green	Top & bottom	Can roll needles, East most
Western Red Cedar	Reddish bark	Up to 4000	.5 in, rosebud	Smooth scales		West mostly
Alaska (Yellow) Cedar	Droopy branches	3000-6500	.5 in, roundish	Prickly scales		West only, krummholz
Alpine Larch	High elev	Over 5000	Bracts	Clusters	4-sided need	East only
Western Larch	Deciduous	3000-5000	Bracts	Clusters	3-sided need	East only
Pacific Yew sharp	Bush in shade	Up to 8000	Red berry	Like Grand	No stomata	West only