

Layer 1
(blue sediment)



Englemann Spruce
(Light Green)

Layer 1
(blue sediment)



Lodgepole Pine
(Light Blue)

Layer 1
(blue sediment)



Grasses & Sedges
(Green)

Layer 1
(blue sediment)



Alpine Sagebrush
(Clear)

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



Found in areas of very cool climates, typically growing in poor soils, often at high altitudes (above 3,500 feet)

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



Found in cold, usually subalpine sites. It is an important timberline species in the Rocky Mountains.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



Woody, low-growing shrub found only at high-altitude, cold sites.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



This pollen from grasses and sedges is typically found in very cool alpine or subalpine meadow sites characterized by cool summers, harsh winters and short growing seasons.

Layer 2
(pink sediment)



Englemann Spruce
(Light Green)

Layer 2
(pink sediment)



Lodgepole Pine
(Light Blue)

Layer 2
(pink sediment)



Grasses & Sedges
(Green)

Layer 2
(pink sediment)



Alpine Sagebrush
(Clear)

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

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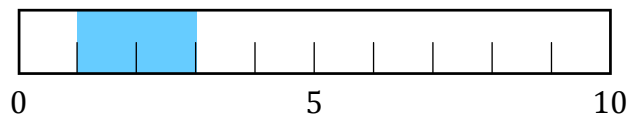
Found in cold, usually subalpine sites. It is an important timberline species in the Rocky Mountains.

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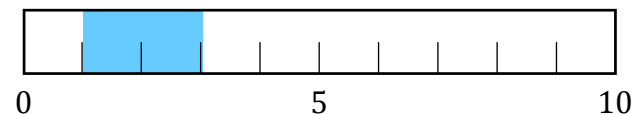
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Layer 2
(pink sediment)



Grand Fir
(Pink)

Layer 3
(purple sediment)



Douglas Fir
(Gold)

Layer 3
(purple sediment)



Alder
(Red)

Layer 3
(purple sediment)



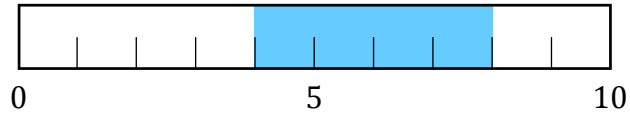
Grand Fir
(Pink)

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

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10 = very hot climate



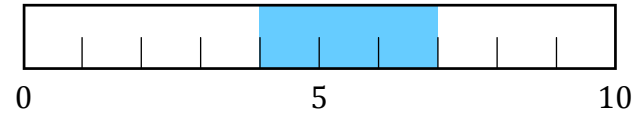
Broadly distributed throughout the Pacific Northwest from moderately cool to warm sites. Grows best under temperate, somewhat moist conditions.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



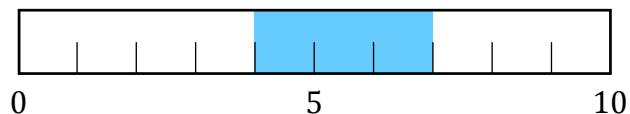
Found at mid-elevations in the Cascade Mountains. Grows in cool climates, but is not as cold-tolerant as trees found at higher elevations.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



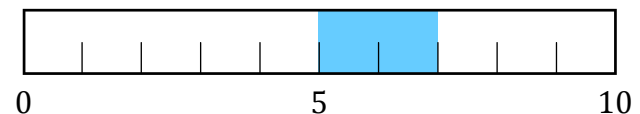
Found at mid-elevations in the Cascade Mountains. Grows in cool climates, but is not as cold-tolerant as trees found at higher elevations.

Preferred Climate Conditions

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10 = very hot climate



Widespread throughout the northwest, often colonizing gravel or other poor soils. Prefers abundant water and can grow in cool climates.

Layer 4
(green sediment)



Oak
(Yellow)

Layer 4
(green sediment)



Mixed Meadow
Species
(Light Purple)

Layer 4
(green sediment)



Douglas Fir
(Gold)

Layer 5
(orange sediment)



Douglas Fir
(Gold)

Preferred Climate Conditions

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This pollen is typical of a mixture of herbaceous plants common to warm-temperate meadowlands. Typically, these species grow in areas of warm summer temperatures and summer drought.

Preferred Climate Conditions

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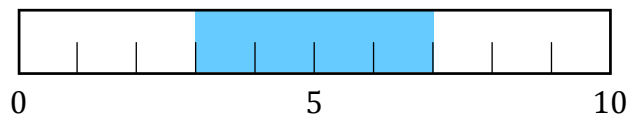
Found in Warm-temperate sites characterized by warm, dry summers.

Preferred Climate Conditions

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10 = very hot climate



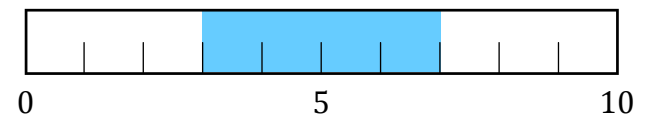
Broadly distributed throughout the Pacific Northwest from moderately cool to warm sites. Grows best under temperate, somewhat moist conditions.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



Broadly distributed throughout the Pacific Northwest from moderately cool to warm sites. Grows best under temperate, somewhat moist conditions.

Layer 5
(orange sediment)



Western Hemlock
(Cream)

Layer 5
(orange sediment)



Western Red Cedar
(Blue)

Layer 5
(orange sediment)



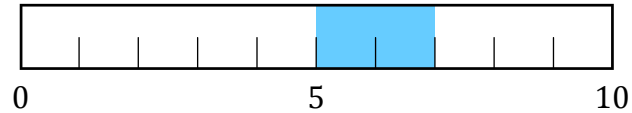
Alder
(Red)

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

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10 = very hot climate



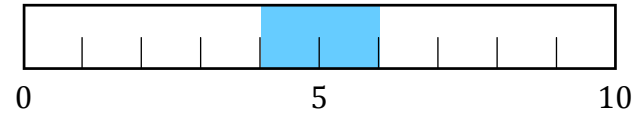
Found only in temperate, very moist climates.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

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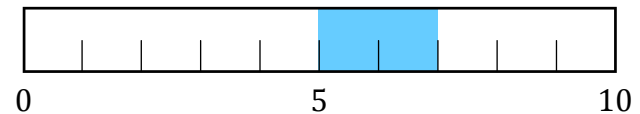
Dominant tree of many lowland, temperate sites.
Required very moist growing conditions.

Preferred Climate Conditions

Use this scale to help you determine the climate needed for this plant to grow.

0 = very cold climate

10 = very hot climate



Widespread throughout the northwest, often colonizing gravel or other poor soils. Prefers abundant water and can grow in cool climates.