

## Trees for Central Northwest Washington

Hot, dry summers and cold and drying winters in North Central Washington present challenging conditions for many trees we know and want to plant.

There are beautiful trees that grow well in areas of Chelan and Douglas Counties. In addition to familiar trees commonly planted in this area, a host of others less frequently seen add interesting form, flower and colors to enrich the diversity of our tree population. Consider these trees when you consider planting a new landscape or replacing a tree.

Trees grown in Central Northwest Washington require supplemental water-- more during the first year of growth.

Listed here are:

- Small Trees- mature height 30' or less
- Medium Trees – mature height 30' to 55'
- Tall Trees- mature height 60' and over

### Small Trees- mature height 30' or less



**Oregon Green Austrian Pine**

*Pinus nigra* 'Compacta'  
Size: 15' x 10'  
Zone: 4  
Shape: Columnar to oval with upsweeping branches  
Foliage: Stiff dense 2 needle  
Flower: Cones



**Vanderwolf's Pyramid Pine**

*Pinus flexilis* 'Vanderwolf's Pyramid'  
Size 25' x 15'  
Zone: 4  
Shape: Upright columnar  
Foliage: Blue green 5 needle  
Flower: Cone  
Comments: Very adaptable



**Japanese Umbrella Pine**

*Sciadopitys verticillata*  
Size: 20' - 30' x 15'  
Zone: 5  
Shape: Pyramidal  
Foliage: Large whorled needles  
Flower: Cones  
Foliage color: NA  
Comments: Slow growing, protect from hot afternoon sun



**Silver Whisper Swiss Stone Pine**

*Pinus cembra* 'Silver Whisper'  
 Size: 12' x 6'  
 Zone: 3  
 Shape: Columnar  
 Foliage: Green 5 needle  
 Flower: Cone  
 Comments: Slow growing



**Golden Desert Ash**

*Fraxinus excelsior* 'Aureaefolia'  
 Size: 20' x 18'  
 Zone: 5  
 Shape: Rounded, compact  
 Foliage: Yellow  
 Flower: NA  
 Fall color: Golden-yellow  
 Comments: Good street tree



**Paperbark Maple**

*Acer griseum*  
 Size: 25' - 30' x 20'  
 Zone: 5  
 Shape: Upright, spreading  
 Foliage: Dark green  
 Flower: NA  
 Fall color: Unreliable red  
 Comment: Beautiful exfoliating bark



**Japanese Stewartia**

*Stewartia pseudocamellia*  
 Size: 20'-30' x 20'-30'  
 Zone: 5  
 Shape: Pyramidal to oval  
 Foliage: Green  
 Foliage: 2.5" white  
 Fall color: Yellow/red/purple  
 Comments: Attractive exfoliating bark, avoid hot afternoon sites .



**Japanese Ivory Silk Lilac**

*Syringa reticulata* 'Ivory Silk'  
 Size: 25' x 15'  
 Zone: 4  
 Shape: Oval, compact with upward curving branches  
 Foliage: Dark green  
 Flower: Large white clusters in early July (shown)  
 Comments: Excellent for urban landscape



**Amur Maple**

*Acer ginnala* 'Flame'  
 Size: 20' x 20'  
 Zone: 2  
 Shape: Low branched, rounded  
 Foliage: Green  
 Flower: NA  
 Fall color: Orange-red (shown)  
 Comment: Red November nice cultivar



**Persian Parrotia**

Parrotia persica  
 Size: 25' - 30' x 20'  
 Zone: 5  
 Shape: Upright to wide spreading, oval  
 Foliage: Pink/purple emerging leaves turning green  
 Flower: NA  
 Fall color: succession of yellow - orange - red  
 Comments: Good landscape and street trees



**Sourwood**

Oxydendrum arboreum  
 Size: 20' - 25' x 10' - 15'  
 Zone: 5  
 Shape: Pyramidal, drooping branches  
 Foliage: Green  
 Flower: Fragrant, lily-of the valley like  
 Foliage in summer  
 Fall color: Red - purple  
 Comments: Prefers soils of 7.2 or less. Slow growing.



**Chinese Fringe Tree**

Chionanthus retusus  
 Size: 20' x 20'  
 Zone: 5  
 Shape: Broadly oval  
 Foliage: Deep green  
 Flower: White, snow-like, in large clusters in late spring (as shown)  
 Fall color: Bright yellow



**Forest Pansy Redbud**

Cercis canadensis 'Forest Pansy'  
 Size: 20' x 25'  
 Zone: 5/6  
 Shape: Upright spreading/rounded  
 Foliage: Deep purple to bronze-green interior  
 Flower: Magenta rose in spring (shown)  
 Fall color: Yellow  
 Comments: 'Hearts of Gold' is zone 5-matures leaves are chartreuse

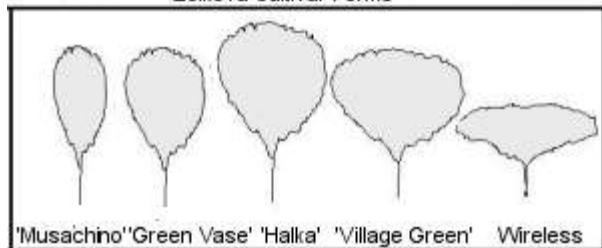


**Amur Maackia**

*Maackia amurensis*  
 Size: 25' x 20'  
 Zone: 3  
 Shape: Upright vase  
 Shape with rounded crown  
 Foliage: Medium green  
 Flower: Upright white clusters in mid-summer  
 Fall color: NA  
 Comments: Tolerant of many conditions



Zelkova Cultivar Forms



**Wireless Zelkova**

*Zelkova serrata* 'Schmidtlow'  
 Size: 24' x 36'  
 Zone: 5  
 Shape: Broadly spreading vase  
 Foliage: Medium green  
 Flower: NA  
 Fall color: Red (as shown)



**Dwarf Japanese Red Pine**

*Pinus densiflora* 'Umbraculifera'  
 Size: 20' x 30'  
 Zone: 4  
 Shape: Oval, irregular branch habit  
 Foliage: Paired needles  
 Flower: Cones  
 Comments: Reddish/orange exfoliating bark



**Dwarf Eastern White Pine**

*Pinus strobus* 'Nana'  
 Size: 6' x 10'  
 Zone: 3  
 Shape: Oval, irregular branched habit  
 Foliage: Silvery blue/green 5 needle  
 Flower: Cone  
 Comments: Slow growing

## Medium Size Trees - mature height 30' to 55'



**Colorado Blue Spruce**

*Picea pungens* 'Hoopsii'  
 Size: 30' - 60' x 10' - 20'  
 Zone: 3  
 Shape: Pyramidal  
 Foliage: Blue/green needle  
 Flower: Cone  
 Fall color: NA  
 Comments: Smaller cultivar - Fat Albert (15')



**White Fir**

*Abies Concolor*  
 Size: 50' - 75' x 25'  
 Zone: 3  
 Shape: Pyramidal  
 Foliage: Blue needles  
 Flower: Cones  
 Fall color: NA  
 Comments: cultivar 'Candicans'



**Eastern Red Cedar**

*Juniperus virginiana*  
 Size: 40' x 10'  
 Zone 2  
 Shape: Pyramidal  
 Foliage: Blue/green scale or awl-like needles  
 Flower: Seed cones (berry)  
 Fall color: Bronze  
 Comments: Tolerant of adverse conditions.  
 Many smaller cultivars 15 - 25 ft.



**Katsura**

*Cercidiphyllum japonicum*  
 Size: 40' x 40'  
 Zone: 5  
 Shape: Upright, pyramidal when young, rounded with age  
 Foliage: blue green  
 Flower: NA  
 Fall color: yellow to apricot  
 Comments: Thin bark can sunburn.  
 Compacted soil can be a problem.



**Autumn Blaze Maple**

*Acer x freemanii* 'Jeffersred'  
 Size: 50' x 40'  
 Zone: 3  
 Shape: Broadly oval  
 Foliage: Green  
 Flower: NA (seedless)  
 Fall color: Brilliant orange/red  
 Comments: Fast growing.  
 There are many cultivars of maple trees



**Black Tupelo**

*Nyssa sylvatica*  
 Size: 40' x 25'  
 Zone: 3  
 Shape: Pyramidal to irregular rounded  
 Foliage: Glossy green  
 Flower: NA  
 Fall color: Red  
 Comments: Does not tolerate high pH (above 7.8)



**Ginkgo biloba**

Size: 40' - 50' x 25'  
 Zone: 3  
 Shape: Pyramidal, irregular  
 Foliage: Green fan-shaped  
 Flower: NA  
 Fall color: Yellow  
 Comments: Buy male clones - Autumn Gold, Lakeview, Magyar, Princeton Sentry, Shangri-la



**Cryptomeria japonica**

Size: 50' - 60' x 25'  
 Zone: 5  
 Shape: Pyramidal  
 Foliage: Green blue, awl  
 Shaped needles  
 Flower: Cone  
 Fall color: Bronze  
 Comments: Smaller popular cultivars 'Yoshino' (15'-25' x 10'-15')- as shown



**Kentucky Coffee Tree**

Gymnocladus dioica  
 Size: 50' x 35'  
 Zone: 4  
 Shape: Narrow to oval  
 Foliage: Dark green  
 Flower: White pea-like in late spring, pods  
 Fall color: Yellow  
 Comments: tolerates heat, drought, alkaline soils, and soil compaction.



**Golden Rain Tree**

Koelreuteria paniculata  
 Size: 35' x 30'  
 Zone: 5  
 Shape: Rounded  
 Foliage: Dark green  
 Flower: Yellow in summer, pods  
 Fall color: Yellow/orange  
 Comments: Tolerates drought, heat, wind, and air pollution



**Cedar of Lebanon**

Cedrus libani 'Stencoma'  
 Size: 40' - 50' x 30' - 50'  
 Zone: 5  
 Shape: Pyramidal in youth; dense; flat topped, horizontally spreading branches with age  
 Foliage: Very dark green, needles in clusters  
 Flower: Cones, purple  
 Fall color: NA  
 Comments: Slow growing

Tall Trees - mature height 60' and over



**Tulip Tree**

*Liriodendron tulipifera*  
 Size 60' x 30'  
 Zone: 5  
 Shape: Oval  
 Foliage: Green  
 Flower: Greenish yellow with orange center; late spring, early summer  
 Fall color: Yellow  
 Comments: Fast growing. Smaller cultivars Fastigiatum (50' x 15')



**Dawn Redwood**

*Metasequoia glyptostroboides*  
 Size: 70' x 25'  
 Zone: 4  
 Shape: Pyramidal, rounding with age  
 Foliage: Soft green needles  
 Flowers: Cones  
 Fall color: Bronze  
 Comments: Deciduous



**Giant Sequoia**

*Sequoiadendrum sempervirans*  
 Size: 60' - 70' x 30'  
 Zone: 5  
 Shape: Pyramidal  
 Foliage: Blue green awl Shaped needles  
 Flowers: Cone  
 Fall color: NA  
 Comments: Reddish brown bark



**Weeping Alaskan Cedar**

*Chamaecyparis nootkatensis*  
 Size: 60' - 90' x 20' - 30'  
 Zone: 4  
 Shape: Pyramidal with weeping tertiary branches  
 Foliage: Green scale-like needles  
 Flower: Cone  
 Fall color: NA

This list was compiled by Paula Dinias, Urban Horticulturist, WSU Chelan County Extension. March, 2009.

**Image Sources-** Consult these image sources for more information about the trees in this list:

Dirr, Michael. 1998. Manual of Woody Landscape Plants. Fifth Edition. Stipes Publ.

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