EXCEPTIONAL TREE LIST

An exceptional tree is any tree thirty (30) inches diameter at standard height or greater, any tree listed below (See Table 19.26.040-1).

Tree species list will also include some descriptive text as additional information to help with plant identification. Please note that these are not the only identifiers and are used as a general guide.

Bigleaf Maple
(Acer macrophyllum)

Bigleaf maples are broadleaf trees with deciduous leaves. Approximate size between 50-75 feet.

1. Leaves: 3-5 point; opposite; milky sap at base once detached
2. Flowers: small, greenish yellow, clustered.
3. Fruit: Double samara, like helicopters

Exceptional size: **24 inches**

Bitter Cherry
(Prunus emarginata var. mollis)

Bitter cherries are broadleaf trees with deciduous leaves. Approximate size between 7-50 feet.

1. Leaves: ovate/elliptic, dark green/smooth above, finely toothed.
2. Flowers: White, 5-notched petals, and in small clusters.
3. Fruit: ovoid, red or black, and thick
   skin

Exceptional size: **Not Exceptional**

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Black cottonwood
(*Populus trichocarpa*)

Black cottonwoods are broadleaf trees with deciduous leaves. Approximate size between 40-150 ft.

1. Leaves: alternate; simple; broadly ovate
2. Flowers: long catkins
3. Fruit: release cottony seed from the catkins that are transported by wind

Exceptional size: **Not Exceptional**

Cascara
(*Frangula purshiana*)

Cascaras are broadleaf trees with deciduous leaves. Approximate size between 7-50 ft. Distinct diamond shaped etching in bark.

1. Leaves: alternate; simple; eliptic to oblong; parallel veins.
2. Flowers: small, green-white, in clusters.
3. Fruit: ovoid, purplish black, and thick skin

Exceptional size: **8 inches**

Douglas-fir
(*Pseudotsuga menziesii*)

Douglas-fir are coniferous trees with evergreen leaves. Approximate size between 80-200 feet.

1. Leaves: needles: flattened, narrower at base, radially arranged
2. Cones: 3 pronged bracts
3. Bark: thick and deeply furrowed

Exceptional size: **24 inches**

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Grand fir
(Abies grandis)

Grand firs are evergreen, conifer trees. Approximate size between 80-200 feet.

4. Needles: flat and spreading, citrusy when crushed; apex notched
5. Cones: upright cone that breaks off in pieces
6. Bark: gray and ridged

Exceptional size: **24 inches**

Lodgepole or shore pine
(Pinus contorta)

Shore pines are evergreen, conifer trees.

1. Needles: 2 per bundle and twisted
2. Basic ovate cone
3. Round, three or more clustered covered with pitch.

Exceptional size: **12 inches**

Oregon white oak
(Quercus garryana)

Oregon white oaks are broadleaf trees with deciduous leaves. Oregon white oaks also are broad spreading with crooked branches.

1. Leaves: alternate, simple, round lobed, and occasionally tinted gold/dull red.
2. Flowers: often inconspicuous, male-catkins emerge around the time foliage does and hang down
3. Fruit: acorn; ovate, smooth, and ripens first year

Exceptional size: **12 inches**

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Pacific madrone
(Arbutus menziesii)

Pacific madrones are broadleaf trees. Approximate size between 20-65 feet.

1. Leaves: alternate simple; thick and leathery
2. Flowers: white and urn/bell shaped
3. Fruit: ellipsoid and orange-red

Exceptional size: **8 inches**

Pacific yew
(Taxus brevifolia)

Pacific yews are evergreen, conifers that can grow into small trees.

1. Needles: radial, tapers to horny point; paler below
2. Fruit: small, reddish, single seed enclosed by fleshy cone, and poisonous.
3. Bark: reddish-brown bark that peels in vertical strips.

Exceptional size: **8 inches**

Port Orford cedar or Lawson's cypress
(Chamaecyparis lawoniana)

Port Orford cedars are not a true cedar, and are about 40-60 feet tall with short ascending branches (drooping)

1. Needles: closely pressed, opposite; X-marking on bottom of needle; scale like
2. Cones: female cones green to blue green
3. Pollen cones on tips of branchlets, ovate, and dark brown to red.

Exceptional Size: **24 inches**

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Red alder
(Alnus rubra)

Red alders are broadleaf trees with deciduous leaves. Approximate size between 40-50 feet with spreading branches.

1. Leaves: simple; alternate; margins rolled in at the edges; green above and pale below.
2. Flowers: reddish male catkins that hang down in early spring
3. Bark: thin and gray, sometimes with lichens

Exceptional size: **Not Exceptional**

Sitka spruce
(Picea sitchensis)

Sitka spruces are evergreen, conifer trees. Approximate size between 40-60 feet.

1. Needles: stiff needles on all sides of stem and parted underneath blue. Needles “spikey” to touch
2. Cones: small, greenish yellow when new, 6-10 cm long.
3. Bark is thin and peels in small pieces

Exceptional size: **24 inches**

Vine maple
(Acer circinatum)

Vine maples are broadleaf trees with deciduous leaves. Approximate size 10-20 feet and are bushy and dense in the sun.

1. Leaves: opposite, simple, usually with 7 to 9 lobes, and doubly toothed
2. Flowers: in clusters of 3-6, long stalks, and the deep red sepals.
3. Fruits: wings horizontally, and deep red at maturity

Exceptional Size: **10 inches**

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Western hemlock
(Tsuga heterophylla)

Western hemlocks are evergreen, conifer trees. Approximate size between 60-100 feet.

1. Needles: more or less 2 rows and rounded apex (tip of needle), two white lines on underside of needle.
2. Cones: elliptical; light brown; small cone
3. Bark: dark brown and grooved as the tree matures

Exceptional size: **24 inches**

Western redcedar
(Thuja plicata)

Western redcedars are evergreen, conifer trees. Approximate size between 50-70 feet.

1. Needles: dense, scale-like needles; often drooping
2. Cones: immature cones are tight and green-ish yellow.
3. Cones: mature cones: small and light brown

Exceptional size: **24 inches**

Western white pine
(Pinus monticola)

Western white pine are evergreen conifer trees. Approximate size 100 feet and have an open, almost random profile.

1. Leaves: needles in bundles of five.
2. Cone: long narrow cone with large amounts of pitch.
3. Bark: brown bark with increasing furrows with age

Exceptional size: **24 inches**

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Ash
(Fraxinus spp.*)*

This is a genus of tree species that is susceptible to emerald ash borer, a nonnative noxious insect. The additional protection afforded by the exceptional designation is not warranted as these trees have a higher likelihood of mortality.

Exceptional size: **Not Exceptional**

Willow (All native species)
(Salix hookeriana; Salix lucida; Salix scouleriana; Salix sitchensis)

Willows often grow along streams and wet areas. They have narrow leaves and have attractive catkins. See the link above for more information on willow tree identification.

Exceptional size: **8 inches**