



**PORTLAND
PARKS & RECREATION**

Healthy Parks, Healthy Portland

Urban Forestry

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List of Replacement Tree Species

For planting trees on private property



Replace removed trees with something of value

Trees vary greatly in how well they cool and clean the air, slow rainfall runoff, quiet sound, and serve as habitat. When choosing trees to replace those being removed, consider species that provide the highest value to the urban environment:

- Evergreens: provide year-round benefits
- Natives: adapted to Portland's climate
- Large trees: provide more canopy benefits than small trees
- Disease-resistant species or cultivars: improve the urban forest's resilience

Also consider trees that:

- Are longer-lived
- Thrive in Portland's climate
- Are drought tolerant, reducing water demand in the summer
- Provide habitat for wildlife (flowers for pollinators or seeds, fruits, or cones for birds and other wildlife)

Minimum requirements for a replacement tree

Replacement trees must:

- Grow on average to at least 15 feet or more
- Be reliably hardy in the Portland area
- Not be an invasive species (nuisance tree) on the Portland Plant List
- Not be prone to fatal pests or diseases, such as Dutch elm disease

How to reduce the number of replacement trees you are required to plant

Select the species you wish to plant from the following lists. You can reduce the number of trees you are required to plant by choosing to plant evergreen trees. You can reduce the number further by planting trees that are also native and/or trees that mature at a medium or large size.

Don't see a tree on this list that interests you?

For trees not on this list, contact your Tree Inspector with the botanic and common name of trees you want to plant, including cultivar or variety name, if any. The Tree Inspector can then determine whether the tree is an appropriate replacement tree.

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Note: Drought tolerance metrics are based on a tree’s USDA Natural Resources Conservation Service rating or moisture tolerance rating in Cornell University’s Recommended Urban Trees or a combination.

Table 1 – Evergreens, small mature size (15’ to 30’ tall)

	Common name	Botanical name	Native	Wildlife value	Showy flowers	Bark interest	Drought tolerance
	Alaska yellow-cedar – Blue pendulous	<i>Cupressus nootkatensis</i> ‘Glauca Pendula’	Oregon				Low
	Alaska yellow-cedar – Pendulous	<i>Cupressus nootkatensis</i> ‘Pendula’	Oregon				Low
	Alaska yellow-cedar – Viridis	<i>Cupressus nootkatensis</i> ‘Viridis’	Oregon				Low
	Arborvitae – Oriental	<i>Platycladus orientalis</i>					
	Arbutus - Marina strawberry tree	<i>Arbutus x andrachnoides</i> ‘Marina’		Fruits	Fall	Yes	Moderate
	Arbutus - Strawberry tree	<i>Arbutus unedo</i>		Fruits	Fall		Moderate
	Azara – Boxleaf	<i>Azara microphylla</i>					
	Azara – Variegated boxleaf	<i>Azara microphylla</i> ‘Variegata’					
	Bay - Mediterranean	<i>Laurus nobilis</i>		Fruits			
	Blueberry tree	<i>Elaeocarpus decipiens</i>					
	Buddhist pine	<i>Podocarpus macrophyllus</i>					
	Camellia – Japanese	<i>Camellia japonica</i>			Spring		
	Cedar – Weeping Alaska yellow	<i>Cupressus nootkatensis</i> ‘Pendula’	Oregon				Low
	Cedar – Weeping blue Alaska yellow	<i>Cupressus nootkatensis</i> ‘Glauca Pendula’	Oregon				Low
	Cedar – Viridis Alaska yellow	<i>Cupressus nootkatensis</i> ‘Viridis’	Oregon				Low
	Cedar – Albospicata deodar	<i>Cedrus deodara</i> ‘Albospicata’					
	Cedar – Aurea Pendula deodar	<i>Cedrus deodara</i> ‘Aurea Pendula’					
	Cedar – Electra deodar	<i>Cedrus deodara</i> ‘Electra’					
	Cedar – Gold Cone deodar	<i>Cedrus deodara</i> ‘Gold Cone’					
	Cedar – Harvest Gold deodar	<i>Cedrus deodara</i> ‘Harvest Gold’					
	Cedar – Plume	<i>Cryptomeria japonica</i> ‘Elegans’					
	Cedar – Well’s Golden deodar	<i>Cedrus deodara</i> ‘Well’s Golden’					
	Cryptomeria – Rasen	<i>Cryptomeria japonica</i> ‘Rasen’					
	Cryptomeria – Sekkan variegated	<i>Cryptomeria japonica</i> ‘Sekkan’					
	Cypress – Blue Ice Arizona	<i>Cupressus arizonica</i> var. <i>glabra</i> ‘Blue Ice’					High
	Cypress – Castlewella Leyland	<i>Cupressus x leylandii</i> ‘Castlewella’					
	Cypress – Cripps hinoki	<i>Chamaecyparis obtusa</i> ‘Crippsii’					
	Cypress – Hinoki	<i>Chamaecyparis obtusa</i>					
	Cypress – Leyland	<i>Cupressocyparis leylandii</i>					
	Cypress – Naylor’s Blue Leyland	<i>Cupressus x leylandii</i> ‘Naylor’s Blue’					
	Dogwood – Empress of China	<i>Cornus angustata</i> ‘Elsley’		Fruit	Spring		
	Dogwood – Mountain Moon	<i>Cornus capitata</i> ‘Mountain Moon’		Fruit	Spring		
	Elaeocarpus or Blueberry tree	<i>Elaeocarpus decipiens</i>		Fruits			
	Eucalyptus – Alpine cider gum	<i>Eucalyptus archeri</i>		Flowers		Yes	
	Eucalyptus – Jounoma snow gum	<i>Eucalyptus pauciflora</i> ssp. <i>debeuzevillei</i>		Flowers		Yes	Moderate
	Eucalyptus – Snow gum	<i>Eucalyptus pauciflora</i> ssp. <i>niphophila</i>		Flowers		Yes	Moderate
	Eucalyptus – Small-leaved gum	<i>Eucalyptus parvula</i>		Flowers		Yes	

	Eucalyptus – Spinning gum	<i>Eucalyptus perriniana</i>		Flowers		Yes	
	Eucalyptus – Tasmanian urn gum	<i>Eucalyptus urnigera</i>		Flowers		Yes	
	Eucryphia – Rostrevor	<i>Eucryphia x intermedia</i> ‘Rostrevor’		Flowers	Summer		
	Falsecypress – Golden Hinoki	<i>Chamaecyparis obtusa</i> ‘Crippsii’					
	Falsecypress – Hinoki	<i>Chamaecyparis obtusa</i>					
	Fir – Korean	<i>Abies koreana</i>		Seeds			
	Fir –Silberlocke Korean	<i>Abies koreana</i> ‘Silberlocke’		Seeds			
	Fir – Golden Spanish	<i>Abies pinsapo</i> ‘Aurea’		Seeds			High
	Gordlinia	<i>X Gordlinia hybrid w/ Franklinia/Gordonia</i>			Spring		Low
	Hemlock – Weeping Canadian	<i>Tsuga canadensis var. pendula</i>		Seeds			
	Hinoki cypress	<i>Chamaecyparis obtusa</i>					
	Ironwood – Catalina	<i>Lyonothamnus floribundus</i> ‘Asplenifolius’		Flowers	Spring	Yes	
	Juniper – Alligator	<i>Juniperus deppeana</i>		Seeds		Yes	High
	Juniper – Tolleson’s weeping Rocky Mountain	<i>Juniperus scopulorum var. pendula</i> ‘Tolleson’s Weeping’		Seeds			High
	Juniper – Wichita Blue Rocky Mountain	<i>Juniperus scopulorum</i> ‘Wichita Blue’		Seeds			High
	Magnolia – Banana fig	<i>Magnolia figo</i>		Seeds	Spring		
	Magnolia – Alta Southern	<i>Magnolia grandiflora</i> ‘TMGH’		Seeds	Summer		
	Magnolia – Edith Bogue Southern	<i>Magnolia grandiflora</i> ‘Edith Bogue’		Seeds	Summer		
	Magnolia – Kay Parris Southern	<i>Magnolia grandiflora</i> ‘Kay Parris’		Seeds	Summer		
	Magnolia – Little Gem Southern	<i>Magnolia grandiflora</i> ‘Little Gem’		Seeds	Spring		
	Magnolia – Silver Cloud michelia	<i>Michelia doltsopa</i> ‘Silver Cloud’		Seeds	Spring		Low
	Magnolia – St. Mary Southern	<i>Magnolia grandiflora</i> ‘St. Mary’		Seeds	Summer		
	Magnolia – Victoria southern	<i>Magnolia grandiflora</i> ‘Victoria’		Seeds	Summer		
	Nutmeg yew – Japanese	<i>Torreya nucifera</i>					
	Oak – Island	<i>Quercus tomentella</i>		Acorns			Moderate
	Oak – Mexican	<i>Quercus mexicana</i>		Acorns			High
	Oak – Nettleleaf	<i>Quercus rugosa</i>		Acorns			
	Oak – Ringcup or Japanese blue	<i>Quercus glauca</i>		Acorns			
	Oak – Sonoran blue	<i>Quercus oblongifolia</i>		Acorns			High
	Oak – Ubame	<i>Quercus phillyraeoides</i>		Acorns			
	Photinia – Chinese	<i>Photinia serratifolia</i>		Flowers	Spring		Moderate
	Pine – Bristlecone	<i>Pinus aristata</i>		Seeds			High
	Pine – Buddhist	<i>Podocarpus macrophyllus</i>					
	Pine – Compacta Glauca Swiss stone	<i>Pinus cembra</i> ‘Compacta Glauca’					
	Pine – Fastigiata Eastern white	<i>Pinus strobus</i> ‘Fastigiata’		Seeds			
	Pine – Foxtail	<i>Pinus balfouriana</i>		Seeds			High
	Pine – Oculis-draconis Korean	<i>Pinus koraiensis</i> ‘Oculis-draconis’		Seeds			
	Pine – Shore	<i>Pinus contorta var. contorta</i>	Oregon	Seeds			
	Pine – Silveray Korean	<i>Pinus koraiensis</i> ‘Silveray’		Seeds			
	Pine – Swiss stone	<i>Pinus cembra</i>		Seeds			
	Pine – Tanyosho Japanese red	<i>Pinus densiflora</i> ‘Umbraculifera’ or ‘Tanyosho’		Seeds		Yes	Moderate

Pine - Thunderhead Japanese black	<i>Pinus thunbergii</i> 'Thunderhead'		Seeds			Moderate
Pine – Umbrella	<i>Sciadopitys verticillata</i>					
Pine – Vanderewolf's Pyramid limber	<i>Pinus flexis</i> 'Vanderwolf's Pyramid'	Oregon	Seeds			High
Pine – Waterer's Scots pine	<i>Pinus sylvestris</i> 'Watereri'		Seeds		Yes	
Pine – Wate's Golden Virginia	<i>Pinus virginiana</i> 'Wate's Golden'		Seeds			
Pine – Wintergreen umbrella	<i>Sciadopitys verticillata</i> 'Wintergreen'					
Podocarpus – Bigleaf	<i>Podocarpus macrophyllus</i>					
Red bay	<i>Persea borbonia</i>					
Silky laurel	<i>Neolitsea sericea</i>					
Spruce – Bruns Serbian	<i>Picea omorika</i> 'Bruns'		Seeds			
Spruce – Caerulea white	<i>Picea glauca</i> 'Caerulea'		Seeds			
Spruce – Montrose Spire white	<i>Picea glauca</i> 'Montrose Spire'		Seeds			
Spruce – Paul's Select Norway	<i>Picea abies</i> 'Paul's Select'		Seeds			
Spruce – Sherwood Compact Norway	<i>Picea abies</i> 'Sherwood Compact'		Seeds			
Spruce – Red cone Norway	<i>Picea abies</i> 'Acrocona'		Seeds			

Table 2 – Evergreens, medium mature size (over 30’ up to 50’ tall)

	Common name	Botanical name	Native	Wildlife value	Showy flowers	Bark interest	Drought tolerance
	Alaska yellow-cedar	<i>Cupressus nootkatensis</i>	Oregon				Low
	Arborvitae – Hiba	<i>Thujaopsis dolabrata</i>					
	Camphor – Hardy Chinese	<i>Cinnamomum chekiangensis</i>					
	Cedar – Emerald Falls deodar	<i>Cedrus deodara</i> ‘Emerald Falls’					
	Cedar – Excelsa western red	<i>Thuja plicata</i> ‘Excelsa’	Portland				
	Cedar – Golden deodar	<i>Cedrus deodara</i> ‘Aurea’					
	Cedar – Green Giant hybrid	<i>Cedrus</i> x ‘Green Giant’					
	Cedar – Japanese	<i>Cryptomeria japonica</i>					
	Cedar – Karl Fuchs deodar	<i>Cedrus deodara</i> ‘Karl Fuchs’					
	Cedar – Lakeview deodar	<i>Cedrus deodara</i> ‘Lakeview’					
	Cedar – Miles High deodar	<i>Cedrus deodara</i> ‘Miles High’					
	Cedar – Shalimar deodar	<i>Cedrus deodara</i> ‘Shalimar’					
	Cedar – Sunshine western red	<i>Thuja plicata</i> ‘Sunshine’					
	Cryptomeria	<i>Cryptomeria japonica</i>					
	Cryptomeria – Araucarioides	<i>Cryptomeria japonica</i> ‘Araucarioides’					
	Cryptomeria – Kitayama	<i>Cryptomeria japonica</i> ‘Kitayama’					
	Cryptomeria – Radicans	<i>Cryptomeria japonica</i> ‘Radicans’					
	Cryptomeria – Yoshino	<i>Cryptomeria japonica</i> ‘Yoshino’					
	Cypress – Arizona	<i>Cupressus arizonica</i>					High
	Cypress – Baker	<i>Cupressus bakeri</i>	Oregon	Seeds			High
	Cypress – Golden hinoki	<i>Chamaecyparis obtusa</i> ‘Crippsii’					
	Cypress – Italian	<i>Cupressus sempervirens</i>					High
	Cypress - Macnab	<i>Cupressus macnabiana</i>					High
	Cypress - Italian	<i>Cupressus sempervirens</i>					High
	Cypress – Sargent	<i>Cupressus sargentii</i>					High
	Cypress – Sawara cypress	<i>Chamaecyparis pisifera</i>					
	Cypress – Swane’s Gold Italian	<i>Cupressus sempervirens</i> ‘Swane’s Gold’					High
	Daphniphyllum	<i>Daphniphyllum macropodon</i>					
	Drimys, Winter’s bark	<i>Drimys winteri</i>			Spring		
	Eucalyptus – Argyle box	<i>Eucalyptus cinerea</i>					
	Eucalyptus – Tingiringi	<i>Eucalyptus glaucescens</i>		Flowers			
	Eucalyptus – Cider gum	<i>Eucalyptus gunnii</i>		Flowers		Yes	
	Eucryphia – Mt. Usher	<i>Eucryphia</i> x <i>nymansensis</i> ‘Mt. Usher’		Flowers	Summer		
	Eucryphia – Nymansay	<i>Eucryphia</i> x <i>nymansensis</i> ‘Nymansay’		Flowers	Summer		
	Fir – Tortifolia Caucasian	<i>Abies nordmanniana</i> ‘Tortifolia’		Seeds			
	Gordonia	<i>Gordonia lasianthus</i>		Flowers	Spring		Low
	Hemlock – Canadian	<i>Tsuga canadensis</i>		Seeds			
	Hiba arborvitae	<i>Thujaopsis dolabrata</i>					

	Laurel – True or Mediterranean	<i>Laurus nobilis</i>		Fruits			High
	Magnolia – D.D. Blanchard Southern	<i>Magnolia grandiflora</i> ‘D.D. Blanchard’		Seeds	Summer		
	Magnolia – Eastern joy lotus tree	<i>Magnolia lotungensis</i>		Seeds	Spring		Low
	Magnolia – Henry Hicks sweetbay	<i>Magnolia virginiana</i> ‘Henry Hicks’		Seeds			
	Magnolia – Joy lotus	<i>Magnolia lotungensis</i> (formerly <i>Parakmeria</i>)		Seeds	Spring		
	Magnolia – Moonglow sweetbay	<i>Magnolia virginiana</i> ‘Wilson’		Seeds	Spring		
	Magnolia – Sweet michelia	<i>Magnolia doltsopa</i>		Seeds	Spring		Low
	Magnolia – Tamaulipas	<i>Magnolia tamaulipana</i> ‘Bronze Sentinel’		Seeds	Spring		
	Myrtle – Oregon	<i>Umbellularia californica</i>	Oregon	Fruits			High
	Nutmeg – California	<i>Torreya californica</i>					Moderate
	Nutmeg yew – Farges’	<i>Torreya fargesii</i>					
	Oak – Arizona white	<i>Quercus arizonica</i>		Acorns			High
	Oak – Bambooleaf oak	<i>Quercus myrsinifolia</i>		Acorns			
	Oak – Cork	<i>Quercus suber</i>		Acorns		Yes	High
	Oak – Emory	<i>Quercus emoryi</i>		Acorns			High
	Oak – Japanese evergreen	<i>Quercus acuta</i>		Acorns			
	Oak – Monterrey/Mexican white	<i>Quercus polymorpha</i>		Acorns			High
	Oak – Silverleaf	<i>Quercus hypoleucoides</i>		Acorns			High
	Pine – Aurea Japanese red	<i>Pinus densiflora</i> ‘Aurea’		Seeds			
	Pine – Aurea Scots pine	<i>Pinus sylvestris</i> ‘Aurea’		Seeds		Yes	
	Pine – Austrian	<i>Pinus nigra</i>		Seeds			Moderate
	Pine – Bishop	<i>Pinus muricata</i>		Seeds			
	Pine – Bonna Scots pine	<i>Pinus sylvestris</i> ‘Bonna’		Seeds		Yes	
	Pine – Bosnian	<i>Pinus heldreichii</i> Syn. <i>P. leucodermis</i>		Seeds			
	Pine – Chalet Swiss stone	<i>Pinus cembra</i> ‘Chalet’		Seeds			
	Pine – Glauca Japanese white	<i>Pinus parviflora</i> ‘Glauca’		Seeds			
	Pine – Golden Japanese red	<i>Pinus densiflora</i> ‘Aurea’		Seeds		Yes	Moderate
	Pine – Japanese black	<i>Pinus thunbergii</i>		Seeds			Moderate
	Pine – Japanese stone pine	<i>Pinus pumila</i>		Seeds			
	Pine – Japanese white	<i>Pinus parviflora</i>		Seeds			
	Pine – Korean	<i>Pinus koreana</i>		Seeds			
	Pine – Lacebark	<i>Pinus bungeana</i>		Seeds		Yes	
	Pine – Limber	<i>Pinus flexilis</i>	Oregon	Seeds			High
	Pine – Mexican pinyon	<i>Pinus cembroides</i>		Seeds			High
	Pine – Morris Blue Korean	<i>Pinus koraiensis</i> ‘Morris Blue’		Seeds			
	Pine – Pencil	<i>Athrotaxis cupressoides</i>					
	Pine – Pinyon	<i>Pinus cembroides</i> var. <i>edulis</i>		Seeds			High
	Pine – Praire Statesman Swiss stone	<i>Pinus cembra</i> ‘Harve’		Seeds			
	Pine – Scots pine	<i>Pinus sylvestris</i>		Seeds		Yes	
	Pine – Silver Sheen Swiss stone	<i>Pinus cembra</i> ‘Silver Sheen’		Seeds			
	Pine – Singleleaf pinyon	<i>Pinus monophylla</i>		Seeds			High
	Pine – Virginia	<i>Pinus virginiana</i>		Seeds			

	Pine – White Mountain Eastern	<i>Pinus strobus</i> ‘White Mountain’		Seeds			
	Spruce – Bacheri Blue Colorado	<i>Picea pungens</i> ‘Bacheri Blue’		Seeds			
	Spruce – Bizon Blue Colorado blue	<i>Picea pungens</i> ‘Bizon Blue’		Seeds			
	Spruce – Black	<i>Picea mariana</i>		Seeds			
	Spruce – Black Hills	<i>Picea glauca</i> var. <i>densata</i>		Seeds			High
	Spruce – Colorado blue spruce	<i>Picea pungens</i> var. <i>glauca</i>		Seeds			Moderate
	Spruce – Copeland Colorado blue	<i>Picea pungens</i> ‘Copeland’		Seeds			
	Spruce – Engelmann	<i>Picea engelmannii</i>	Oregon	Seeds			Low
	Spruce – Fastigiata Colorado blue	<i>Picea pungens</i> ‘Fastigiata’		Seeds			
	Spruce – Fat Albert Colorado blue	<i>Picea pungens</i> ‘Fat Albert’		Seeds			
	Spruce – Gold-Tipped oriental	<i>Picea orientalis</i> ‘Aureospicata’		Seeds			
	Spruce – Hoopsii Colorado blue	<i>Picea pungens</i> ‘Hoopsii’		Seeds			
	Spruce – Wells Weeper Black Hills	<i>Picea glauca</i> var. <i>densata</i> ‘Wells Weeper’		Seeds			
	Spruce – Yukon Blue white	<i>Picea glauca</i> ‘Yukon Blue’		Seeds			
	Summit cedar	<i>Athrotaxis x laxifolia</i>					Low
	Yew – Western	<i>Taxus brevifolia</i>	Portland			Yes	

Table 3 – Evergreens, large mature size (over 50')

	Common name	Botanical name	Evergreen	Native	Wildlife value	Showy flowers	Bark interest	Drought tolerance
	Arbutus - Madrone	<i>Arbutus menziesii</i>	Evergreen	Portland	Fruits	Spring	Yes	High
	Castanopsis or Japanese chinkapin	<i>Castanopsis cuspidata</i>	Evergreen		Acorns			
	Cedar – Alaska yellow	<i>Cupressus nootkatensis</i>	Evergreen	Oregon				Low
	Cedar – Atlas	<i>Cedrus atlantica</i>	Evergreen					High
	Cedar – Atrovirens western red	<i>Thuja plicata 'Atrovirens'</i>	Evergreen	Portland				
	Cedar – Blue Atlas	<i>Cedrus atlantica 'Glauca'</i>	Evergreen					High
	Cedar – Deodar	<i>Cedrus deodara</i>	Evergreen					
	Cedar – Eastern red	<i>Juniperus virginiana</i>	Evergreen					
	Cedar – Hogan western red	<i>Thuja plicata 'Hogan'</i>	Evergreen	Portland				
	Cedar – Incense	<i>Calocedrus decurrens</i>	Evergreen	Oregon				High
	Cedar – Inverness deodar	<i>Cedrus deodara 'Inverness'</i>	Evergreen					
	Cedar – Kashmir deodar	<i>Cedrus deodara 'Kashmir'</i>	Evergreen					
	Cedar – Lebanon	<i>Cedrus libanii</i>	Evergreen					High
	Cedar – Mitch's Blue deodar	<i>Cedrus deodara 'Mitch's Blue'</i>	Evergreen					
	Cedar – Virescens western red	<i>Thuja plicata 'Virescens'</i>	Evergreen	Portland				
	Cedar – Western red	<i>Thuja plicata</i>	Evergreen	Portland	Seeds			
	Cedar – Zebrina western red	<i>Thuja plicata 'Zebrina'</i>	Evergreen	Portland				
	Chilean beech – Evergreen	<i>Nothofagus dombeyi</i>	Evergreen					
	China-fir	<i>Cunninghamia lanceolata</i>	Evergreen					
	China-fir – Blue	<i>Cunninghamia lanceolata 'Glauca'</i>	Evergreen					
	Cypress – Gowen	<i>Cupressus goveniana</i>	Evergreen					High
	Cypress – Kashmir	<i>Cupressus cashmeriana</i>	Evergreen					
	Cypress – Mendocino	<i>Cupressus pigmaea</i>	Evergreen					High
	Cypress – Mexican	<i>Cupressus lusitanica</i>	Evergreen					High
	Cypress - Monterey	<i>Cupressus macrocarpa</i>	Evergreen					
	Douglas-fir	<i>Pseudotsuga menziesii</i>	Evergreen	Portland	Seeds			
	Fir – Caucasian	<i>Abies nordmanniana</i>	Evergreen		Seeds			
	Fir – Cilician	<i>Abies cilicica</i>	Evergreen		Seeds			
	Fir – Grand	<i>Abies grandis</i>	Evergreen	Portland	Seeds			Moderate
	Fir – Greek	<i>Abies cephalonica</i>	Evergreen		Seeds			
	Fir – Maries	<i>Abies mariesii</i>	Evergreen		Seeds			
	Fir – Momi	<i>Abies firma</i>	Evergreen					
	Fir – Nikko	<i>Abies homolepis</i>	Evergreen		Seeds			
	Fir – Noble	<i>Abies procera</i>	Evergreen	Oregon	Seeds			
	Fir – Pacific silver	<i>Abies amabilis</i>	Evergreen	Oregon	Seeds			Low
	Fir – Spanish	<i>Abies pinsapo</i>	Evergreen		Seeds			
	Fir – Blue Spanish	<i>Abies pinsapo 'Glauca'</i>	Evergreen		Seeds			
	Fir – Subalpine	<i>Abies lasiocarpa</i>	Evergreen	Oregon	Seeds			Low

	Fir – Veitch	<i>Abies veitchii</i>	Evergreen		Seeds			
	Fir – White	<i>Abies concolor</i>	Evergreen		Seeds			Moderate
	Hemlock – Mountain	<i>Tsuga mertensiana</i>	Evergreen	Oregon	Seeds			
	Hemlock – Southern Japanese	<i>Tsuga sieboldii</i>	Evergreen					
	Hemlock – Western	<i>Tsuga heterophylla</i>	Evergreen	Portland	Seeds			
	Incense cedar	<i>Calocedrus decurrens</i>	Evergreen	Oregon	Seeds			High
	Keteleeria – Common	<i>Keteleeria davidiana</i>	Evergreen					
	Keteleeria – Foothill	<i>Keteleeria fortune</i>	Evergreen					
	Keteleeria – Longleaf	<i>Keteleeria davidiana</i> var. <i>evelyniana</i>	Evergreen					
	Larch – Golden	<i>Pseudolarix amabilis</i>	Evergreen		Seeds			
	Lithocarpus – Henry’s	<i>Lithocarpus henryi</i>	Evergreen		Acorns			
	Madrone	<i>Arbutus menziesii</i>	Evergreen	Portland	Flowers/ Fruits	Spring	Yes	
	Magnolia – Southern	<i>Magnolia grandiflora</i>	Evergreen		Seeds	Summer		
	Monkey puzzle	<i>Araucaria araucana</i>	Evergreen					
	Nutmeg yew – Chinese	<i>Torreya grandis</i>	Evergreen					
	Oak – Canyon live oak	<i>Quercus chrysolepis</i>	Evergreen	Oregon	Acorns			High
	Oak – Holly	<i>Quercus ilex</i>	Evergreen		Acorns			High
	Oak – Interior live	<i>Quercus wislizeni</i>	Evergreen		Acorns			High
	Oak – Live	<i>Quercus virginiana</i>	Evergreen		Acorns			
	Pine – Aleppo	<i>Pinus halepensis</i>	Evergreen		Seeds			High
	Pine – Apache	<i>Pinus engelmannii</i>	Evergreen		Seeds			High
	Pine – Balkan or Macedonian	<i>Pinus peuce</i>	Evergreen		Seeds			Moderate
	Pine – Chinese red pine	<i>Pinus tabuliformis</i>	Evergreen		Seeds			
	Pine – Chinese white pine	<i>Pinus armandii</i>	Evergreen					
	Pine – Durango	<i>Pinus durangensis</i>	Evergreen		Seeds			High
	Pine – Eastern white	<i>Pinus strobus</i>	Evergreen		Seeds			Low
	Pine – Glauca Eastern white	<i>Pinus strobus</i> ‘Glauca’	Evergreen		Seeds			
	Pine – Himalayan white	<i>Pinus wallichiana</i>	Evergreen		Seeds			
	Pine – Italian stone	<i>Pinus pinea</i>	Evergreen		Seeds			Moderate
	Pine – Japanese red	<i>Pinus densiflora</i>	Evergreen		Seeds		Yes	Moderate
	Pine – Jeffrey	<i>Pinus jeffreyi</i>	Evergreen	Oregon	Seeds		Yes	High
	Pine – Loblolly	<i>Pinus taeda</i>	Evergreen		Seeds			
	Pine – Lodgepole	<i>Pinus contorta</i> var. <i>latifolia</i>	Evergreen	Oregon	Seeds			High
	Pine – Lodgepole (Sierra Nevada)	<i>Pinus contorta</i> var. <i>murrayana</i>	Evergreen		Seeds			High
	Pine – Longleaf	<i>Pinus palustris</i>	Evergreen		Seeds			
	Pine – Macedonian or Balkan	<i>Pinus peuce</i>	Evergreen		Seeds			Moderate
	Pine – Mexican white pine	<i>Pinus ayacahuite</i>	Evergreen		Seeds			Moderate
	Pine – Mexican weeping	<i>Pinus patula</i>	Evergreen		Seeds		Yes	Moderate
	Pine – Ponderosa – Willamette Valley origin	<i>Pinus ponderosa</i>	Evergreen	Portland	Seeds		Yes	High
	Pine – Ponderosa	<i>Pinus ponderosa</i>	Evergreen	Oregon	Seeds		Yes	High
	Pine – Red	<i>Pinus resinosa</i>	Evergreen		Seeds		Yes	
	Pine – Southwestern white	<i>Pinus strobiformis</i>	Evergreen		Seeds			Moderate

	Pine – Stone (Mediterranean)	<i>Pinus pinea</i>	Evergreen					Moderate
	Pine – Turkish or Calabrian	<i>Pinus brutia</i>	Evergreen		Seeds			High
	Pine – Western white	<i>Pinus monticola</i>	Evergreen	Oregon	Seeds			
	Redwood – Coastal	<i>Sequoia sempervirens</i> (inc. cultivars ‘Aptos Blue’, ‘Emily Brown’, ‘Greenpeace’, ‘Soquel’)	Evergreen	Oregon			Yes	Low
	Redwood – Soquel coastal	<i>Sequoia sempervirens</i> ‘Soquel’	Evergreen				Yes	
	Sequoia – Giant	<i>Sequoiadendron giganteum</i> (inc. cultivar ‘Bultink Yellow’, ‘Glaucum’, ‘Greenpeace’, ‘Hazel Smith’ and ‘Powder Blue’)	Evergreen		Seeds		Yes	
	Spruce – Atrovirens Oriental	<i>Picea orientalis</i> ‘Atrovirens’	Evergreen		Seeds			
	Spruce – Brewer’s	<i>Picea breweriana</i>	Evergreen	Oregon	Seeds			
	Spruce – Dragon	<i>Picea asperata</i>	Evergreen		Seeds			
	Spruce – Korean	<i>Picea koraiensis</i>	Evergreen		Seeds			
	Spruce – Lijiang purple-coned	<i>Picea likiangensis</i> var. <i>purpurea</i>	Evergreen		Seeds			
	Spruce – Morinda	<i>Picea smithiana</i>	Evergreen		Seeds			
	Spruce – Northern Sargent	<i>Picea brachytyla</i>	Evergreen		Seeds			
	Spruce – Norway	<i>Picea abies</i>	Evergreen		Seeds			
	Spruce – Oriental	<i>Picea orientalis</i>	Evergreen		Seeds			
	Spruce – Red	<i>Picea rubens</i>	Evergreen		Seeds			Moderate
	Spruce – Serbian	<i>Picea omorika</i>	Evergreen		Seeds			
	Spruce – Sitka	<i>Picea sitchensis</i>	Evergreen	Oregon	Seeds			Low
	Spruce – Tigertail	<i>Picea torana</i>	Evergreen		Seeds			
	Tanoak or Tanbark oak	<i>Lithocarpus densiflorus</i>	Evergreen	Oregon	Acorns			

Table 4 – Native trees of the Willamette Valley and Oregon

	Common name	Botanical name	Mature height	Evergreen	Native	Wildlife value	Showy flowers	Showy fall color	Bark interest	Drought tolerance
	Alaska yellow-cedar	<i>Cupressus nootkatensis</i>	Medium	Evergreen	Oregon					Low
	Alaska yellow-cedar – Blue pendulous	<i>Cupressus nootkatensis</i> ‘Glauca Pendula’	Small	Evergreen	Oregon					Low
	Alaska yellow-cedar – Pendulous	<i>Cupressus nootkatensis</i> ‘Pendula’	Small	Evergreen	Oregon					Low
	Alaska yellow-cedar – Viridis	<i>Cupressus nootkatensis</i> ‘Viridis’	Small	Evergreen	Oregon					Low
	Alder – Red	<i>Alnus rubra</i>	Large		Portland					Low
	Alder – White	<i>Alnus rhombifolia</i>	Large		Oregon					
	Arbutus - Madrone	<i>Arbutus menziesii</i>	Large	Evergreen	Portland	Fruits	Spring		Yes	High
	Ash – Oregon	<i>Fraxinus latifolia</i>	Large		Portland					Low
	Cascara buckthorn	<i>Rhamnus purshiana</i>	Small		Portland	Fruit				Moderate
	Cedar – Alaska yellow	<i>Cupressus nootkatensis</i>	Large	Evergreen	Oregon					Low
	Cedar – Weeping Alaska yellow	<i>Cupressus nootkatensis</i> ‘Pendula’	Small	Evergreen	Oregon					Low
	Cedar – Weeping blue Alaska yellow	<i>Cupressus nootkatensis</i> ‘Glauca Pendula’	Small	Evergreen	Oregon					Low
	Cedar – Viridis Alaska yellow	<i>Cupressus nootkatensis</i> ‘Viridis’	Small	Evergreen	Oregon					Low
	Cedar – Atrovirens western red	<i>Thuja plicata</i> ‘Atrovirens’	Large	Evergreen	Portland					
	Cedar – Excelsa western red	<i>Thuja plicata</i> ‘Excelsa’	Medium	Evergreen	Portland					
	Cedar – Hogan western red	<i>Thuja plicata</i> ‘Hogan’	Large	Evergreen	Portland					
	Cedar – Incense	<i>Calocedrus decurrens</i>	Large	Evergreen	Oregon					High
	Cedar – Virescens western red	<i>Thuja plicata</i> ‘Virescens’	Large	Evergreen	Portland					
	Cedar – Western red	<i>Thuja plicata</i> (inc. the cultivars ‘Atrovirens’, Green Giant’, ‘Sunshine’, ‘Virescens’ and ‘Zebrina’)	Large	Evergreen	Portland	Seeds				
	Cherry – Bitter cherry	<i>Prunus emarginata</i> var. <i>mollis</i>	Medium		Portland	Fruit	Spring			
	Cherry – Chokecherry	<i>Prunus virginiana</i>	Small		Portland	Fruit	Spring			
	Crabapple – Western	<i>Malus fusca</i>	Small		Portland	Fruit	Spring			Moderate
	Cypress – Baker	<i>Cupressus bakeri</i>	Medium	Evergreen	Oregon	Seeds				High
	Dogwood – Pacific	<i>Cornus nuttallii</i>	Medium		Portland	Fruit	Spring	Ora-Red		
	Douglas-fir	<i>Pseudotsuga menziesii</i>	Large	Evergreen	Portland	Seeds				
	Fir – Grand	<i>Abies grandis</i>	Large	Evergreen	Portland	Seeds				Moderate
	Fir – Noble	<i>Abies procera</i>	Large	Evergreen	Oregon	Seeds				
	Fir – Pacific silver	<i>Abies amabilis</i>	Large	Evergreen	Oregon	Seeds				Low
	Fir – Subalpine	<i>Abies lasiocarpa</i>	Large	Evergreen	Oregon	Seeds				Low
	Hawthorn – Black	<i>Crataegus douglasii</i>	Small		Portland	Fruits	Spring			

	Hemlock – Mountain	<i>Tsuga mertensiana</i>	Large	Evergreen	Oregon	Seeds				
	Hemlock – Western	<i>Tsuga heterophylla</i>	Large	Evergreen	Portland	Seeds				
	Incense cedar	<i>Calocedrus decurrens</i>	Large	Evergreen	Oregon	Seeds				High
	Larch – Subalpine	<i>Larix lyallii</i>	Medium		Oregon	Seeds				
	Larch – Western	<i>Larix occidentalis</i>	Large		Oregon	Seeds		Yellow		
	Madrone	<i>Arbutus menziesii</i>	Large	Evergreen	Portland	Fruits	Spring		Yes	High
	Maple – Bigleaf	<i>Acer macrophyllum</i>	Large		Portland	Seeds				Moderate
	Maple – Vine	<i>Acer circinatum</i>	Small		Portland			Orange		
	Myrtle – Oregon	<i>Umbellularia californica</i>	Medium	Evergreen	Oregon	Fruits				High
	Oak – California black	<i>Quercus kelloggii</i>	Large		Oregon	Acorns				Moderate
	Oak – Canyon live oak	<i>Quercus chrysolepis</i>	Large	Evergreen	Oregon	Acorns				High
	Oak – Oracle	<i>Quercus x moreha</i> (hybrid between <i>Q. kelloggii</i> and <i>Q. wislizenii</i>)	Large		Oregon	Acorns				High
	Oak – Oregon white	<i>Quercus garryana</i>	Large		Portland	Acorns				High
	Pine – Jeffrey	<i>Pinus jeffreyi</i>	Large	Evergreen	Oregon	Seeds			Yes	High
	Pine – Limber	<i>Pinus flexilis</i>	Medium	Evergreen	Oregon	Seeds				High
	Pine – Lodgepole	<i>Pinus contorta var. latifolia</i>	Large	Evergreen	Oregon	Seeds				High
	Pine – Ponderosa – Willamette Valley origin	<i>Pinus ponderosa</i>	Large	Evergreen	Portland	Seeds			Yes	High
	Pine – Ponderosa	<i>Pinus ponderosa</i>	Large	Evergreen	Oregon	Seeds			Yes	High
	Pine – Shore	<i>Pinus contorta var. contorta</i>	Small	Evergreen	Oregon	Seeds				
	Pine – Vanderewolf’s Pyramid limber	<i>Pinus flexilis</i> ‘Vanderwolf’s Pyramid’	Small	Evergreen	Oregon	Seeds				High
	Pine – Western white	<i>Pinus monticola</i>	Large	Evergreen	Oregon	Seeds				
	Poplar - Black	<i>Populus trichocarpa</i>	Large		Portland					
	Redwood – Coastal	<i>Sequoia sempervirens</i> (inc. cultivars ‘Aptos Blue’, ‘Emily Brown’, ‘Greenpeace’, ‘Soquel’)	Large	Evergreen	Oregon				Yes	Low
	Spruce – Brewer’s	<i>Picea breweriana</i>	Large	Evergreen	Oregon	Seeds				
	Spruce – Engelmann	<i>Picea engelmannii</i>	Medium	Evergreen	Oregon	Seeds				
	Spruce – Sitka	<i>Picea sitchensis</i>	Large	Evergreen	Oregon	Seeds				Low
	Tanoak or Tanbark oak	<i>Lithocarpus densiflorus</i>	Large	Evergreen	Oregon	Acorns				High
	Willow – Scouler’s	<i>Salix scouleriana</i>	Small		Portland					
	Yew – Western	<i>Taxus brevifolia</i>	Medium	Evergreen	Portland				Yes	Moderate

Table 5 – Small deciduous trees (average height at maturity at least 15’ to 30’ tall)

	Common name	Botanical name	Native	Wildlife value	Showy flowers	Showy fall color	Bark interest	Drought tolerance
	Almond	<i>Prunus dulcis</i>			Spring			
	Amur maackia	<i>Maackia amurensis</i>		Flowers	Summer			
	Amur maackia - Maacnificent	<i>Maackia amurensis</i> 'Maacnificent'		Flowers	Summer			
	Ash – Golden desert	<i>Fraxinus excelsior</i> 'Aurea'				Yellow		
	Beech - Purple Fountain European	<i>Fagus sylvatica</i> 'Purple Fountain'		Seeds				Low
	Beech – Tricolor European	<i>Fagus sylvatica</i> 'Tricolor' and 'Roseomarginata'		Seeds				Low
	Birch – Shiloh Splash river	<i>Betula nigra</i> 'Shiloh Splash'					Yes	Low
	Buckeye – California	<i>Aesculus californica</i>			Summer			High
	Buckeye – Red	<i>Aesculus pavia</i>		Flowers	Spring			
	Cascara buckthorn	<i>Rhamnus purshiana</i>	Portland	Fruit				Moderate
	Catalpa – Chinese	<i>Catalpa ovata</i>		Flowers	Summer			
	Cherry – Amanogawa	<i>Prunus serrulata</i> 'Amanogawa'			Spring	Ora-Red		
	Cherry – Paperbark or Tibetan	<i>Prunus serrula</i>					Yes	
	Cherry – Chokecherry	<i>Prunus virginiana</i>	Portland	Fruit	Spring			
	Cherry – Japanese flowering	<i>Prunus serrulata</i>			Spring	Ora-Red		
	Cherry – Manchurian cherry	<i>Prunus maackia</i>			Spring	Gold	Yes	
	Cherry – Okame	<i>Prunus</i> 'Okame'			Spring	Red		
	Cherry –Royal Burgundy	<i>Prunus serrulata</i> 'Royal Burgundy'			Spring	Red		
	Cherry – Sargent columnar	<i>Prunus sargentii</i> 'Columnaris'			Spring	Ora-Red		
	Cherry – Sargent Pink Flair	<i>Prunus sargentii</i> 'JFS-KW58'			Spring	Ora-Red		
	Cherry – Sargent Rancho	<i>Prunus sargentii</i> 'Rancho'			Spring	Ora-Red		
	Chinese tassel tree	<i>Euptelea pleiosperma</i>				Gold-Red		
	Chinese tassel tree	<i>Euptelea polyandra</i>						
	Corneliacherry dogwood	<i>Cornus mas</i>		Fruit	Spring			
	Corneliacherry dogwood – treelike cultivars	<i>Cornus mas</i> 'Golden Glory', 'Redstone', 'Spring Glow', 'Spring Sun'		Fruit	Spring			
	Crabapple – Adirondack	<i>Malus</i> 'Adirondack'		Fruit	Spring			
	Crabapple – Centurion	<i>Malus</i> 'Centzam'		Fruit	Spring			
	Crabapple – Golden Raindrops	<i>Malus transitoria</i> 'Schmditcutleaf'		Fruit	Spring			
	Crabapple – Japanese flowering	<i>Malus floribunda</i>		Fruit	Spring	Red		
	Crabapple – Prairiefire	<i>Malus x</i> 'Prairiefire'		Fruit	Spring			
	Crabapple – Professor Sprenger	<i>Malus x</i> 'Professor Sprenger'		Fruit	Spring			
	Crabapple – Purple Prince	<i>Malus</i> 'Purple Prince'		Fruit	Spring			
	Crabapple – Red Jewel	<i>Malus</i> 'Jewelcole'		Fruit	Spring			
	Crabapple – Royal Raindrops	<i>Malus</i> 'Royal Raindrops'		Fruit	Spring			
	Crabapple – Tea	<i>Malus hupehensis</i>		Fruit	Spring			
	Crabapple – Western	<i>Malus fusca</i>	Portland	Fruit	Spring			Moderate

Crape myrtle – Apalachee	<i>Lagerstroemia x 'Apalachee'</i>		Flowers	Summer	Orange	Yes	
Crape myrtle – Arapaho	<i>Lagerstroemia x 'Arapaho'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Biloxi	<i>Lagerstroemia x 'Biloxi'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Catawba	<i>Lagerstroemia x 'Choctaw'</i>		Flowers	Summer	Maroon	Yes	
Crape myrtle – Centennial Spirit	<i>Lagerstroemia x 'Centennial Spirit'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Dynamite	<i>Lagerstroemia indica 'Dynamite'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Fantasy	<i>Lagerstroemia fauriei 'Fantasy'</i>		Flowers	Summer		Yes	
Crape myrtle – Kiowa	<i>Lagerstroemia fauriei 'Kiowa'</i>		Flowers	Summer		Yes	
Crape myrtle – Lipan	<i>Lagerstroemia x 'Lipan'</i>		Flowers	Summer	Orange	Yes	
Crape myrtle – Near East	<i>Lagerstroemia x 'Near East'</i>		Flowers	Summer		Yes	
Crape myrtle – Miami	<i>Lagerstroemia x 'Miami'</i>		Flowers	Summer		Yes	
Crape myrtle – Muskogee	<i>Lagerstroemia x 'Muskogee'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Natchez	<i>Lagerstroemia x 'Natchez'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Osage	<i>Lagerstroemia x 'Osage'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Raspberry Sundae	<i>Lagerstroemia indica 'Whit I'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Red Rocket	<i>Lagerstroemia indica 'Whit IV'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Sarah's Favorite	<i>Lagerstroemia x 'Sarah's Favorite'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Sioux	<i>Lagerstroemia x 'Sioux'</i>		Flowers	Summer	Red	Yes	
Crape myrtle – Tuscarora	<i>Lagerstroemia x 'Tuscarora'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Townhouse	<i>Lagerstroemia fauriei 'Townhouse'</i>		Flowers	Summer		Yes	
Crape myrtle – Tuskegee	<i>Lagerstroemia x 'Tuskegee'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Wichita	<i>Lagerstroemia x 'Wichita'</i>		Flowers	Summer	Ora-Red	Yes	
Crape myrtle – Yuma	<i>Lagerstroemia x 'Yuma'</i>		Flowers	Summer	Yel-Ora	Yes	
Crape myrtle – Zuni	<i>Lagerstroemia x 'Zuni'</i>		Flowers	Summer	Ora-Red	Yes	
Dipteronia	<i>Dipteronia sinensis</i>						
Dogwood – Aurora hybrid	<i>Cornus x 'Rutban'</i>			Spring	Red		
Dogwood – Blue Shadow kousa	<i>Cornus kousa 'Blue Shadow'</i>		Fruit	Spring	Red	Yes	
Dogwood – Celestial hybrid	<i>Cornus x 'Rutdan'</i>		Fruit	Spring	Red		
Dogwood – Champion's Gold	<i>Cornus kousa 'Losely'</i>		Fruit	Spring	Ora-Red	Yes	
Dogwood – Cherokee Brave	<i>Cornus florida 'Cherokee Brave'</i>		Fruit	Spring	Red		
Dogwood – Cherokee Chief	<i>Cornus florida 'Cherokee Chief'</i>		Fruit	Spring	Red		
Dogwood – Cherokee Princess	<i>Cornus florida 'Cherokee Princess'</i>		Fruit	Spring	Red		
Dogwood – Cherokee Sunset	<i>Cornus florida 'Cherokee Sunset'</i>		Fruit	Spring	Red		
Dogwood – China Girl kousa	<i>Cornus kousa 'China Girl'</i>		Fruit	Spring	Ora-Red	Yes	
Dogwood – Chinese kousa	<i>Cornus kousa ssp. chinensis</i>		Fruit	Spring	Ora-Red	Yes	Low
Dogwood – Constellation hybrid	<i>Cornus x 'Constellation'</i>			Spring			
Dogwood – Cornelian cherry	<i>Cornus mas</i>		Fruit	E. spring			
Dogwood – Eastern	<i>Cornus florida</i>		Fruit	Spring	Red		
Dogwood – Ed Mezitt kousa	<i>Cornus kousa 'Ed Mezitt'</i>		Fruit	Spring	Ora-Red	Yes	
Dogwood – Eddie's White Wonder hybrid	<i>Cornus x 'Eddie's White Wonder'</i>		Fruit	Spring	Red		
Dogwood – Galilean kousa	<i>Cornus kousa var. chinensis 'Galilean'</i>		Fruit	Spring	Red		
Dogwood – Golden Glory cornelian cherry	<i>Cornus mas 'Golden Glory'</i>		Fruit	E. spring			

	Dogwood – Heart Throb kousa	<i>Cornus kousa</i> ‘Schmred’ same as ‘Rosabella’		Fruit	Spring	Ora-Red	Yes	
	Dogwood – Himalayan strawberry	<i>Cornus capitata</i> inc. ‘Mountain Moon’		Fruit	L. spring			
	Dogwood – Hyperion	<i>Cornus</i> x ‘KF111-1’		Fruit	Spring	Ora-Yel		
	Dogwood – Japanese cornel	<i>Cornus officinalis</i>		Fruit	Spring			
	Dogwood – Milky Way Select kousa	<i>Cornus kousa</i> ‘Milky Way Select’		Fruit	Spring	Ora-Red	Yes	
	Dogwood – Moonbeam kousa	<i>Cornus kousa</i> ‘Moonbeam’		Fruit	Spring	Red-Pur	Yes	
	Dogwood – National kousa	<i>Cornus kousa</i> “National’		Fruit	Spring	Red	Yes	
	Dogwood – Pagoda	<i>Cornus alternifolia</i>		Fruit	Spring	Red-Pur		
	Dogwood – Pink flowering	<i>Cornus florida</i> var. <i>rubra</i>		Fruit	Spring	Red		
	Dogwood – Prairie Pink	<i>Cornus florida</i> ‘Prairie Pink’		Fruit	Spring	Red		
	Dogwood – Radiant Rose kousa	<i>Cornus kousa</i> ‘Hanros’		Fruit	Spring	Ora-Red	Yes	
	Dogwood – Rosabella	<i>Cornus kousa</i> ‘Rosabella’ same as Heart Throb		Fruit	Spring	Ora-Red		
	Dogwood – Rosy Teacups	<i>Cornus kousa</i> ‘Rosy Teacups’		Fruit	Spring	Red		
	Dogwood – Satomi kousa	<i>Cornus kousa</i> ‘Satomi’ aka ‘Rosabella’		Fruit	Spring	Ora-Red	Yes	
	Dogwood – Saturn hybrid	<i>Cornus</i> x ‘Saturn’		Fruit	Spring	Red		
	Dogwood – Snowflake Chinese	<i>Cornus kousa</i> var. <i>chinensis</i> ‘Snowflake’						
	Dogwood – Starlight hybrid	<i>Cornus</i> x ‘KN4-43’		Fruit	Spring	Ora-Red		
	Dogwood – Stellar Pink hybrid	<i>Cornus</i> x ‘Rutgan’		Fruit	Spring	Ora-Red		
	Dogwood – Summer Majesty kousa	<i>Cornus kousa</i> ‘Summer Majesty’		Fruit	Spring	Ora-Red	Yes	
	Dogwood – Venus hybrid	<i>Cornus</i> x ‘KN30-8’		Fruit	Spring	Ora-Red		
	Elm – Emerald Sunshine hybrid	<i>Ulmus propinqua</i> ‘JFS-Bieberich’				Gold-Ora		
	Epaulette tree	<i>Pterostyrax hispidus</i>		Flowers	Spring			
	Epaulette tree – Fragrant	<i>Pterostyrax corymbosa</i>		Flowers	Spring			
	Euptelea	<i>Euptelea pleiosperma</i>						Low
	Euscaphis	<i>Euscaphis japonica</i>					Yes	
	Fig – cultivated varieties	<i>Ficus carica</i> (inc. ‘Brown Turkey’, ‘Desert King’, and ‘Lattarula’)						
	Franklinia, Franklin tree	<i>Franklinia alatamaha</i>		Flowers	Summer	Red		
	Fringetree – American	<i>Chionanthus virginicus</i>		Flowers/ Fruits	Spring			
	Fringetree – Arnold’s Pride	<i>Chionanthus retusus</i> ‘Arnold’s Pride’		Flowers/ Fruits	Spring		Yes	
	Fringetree – Ashford	<i>Chionanthus retusus</i> ‘Ashford’		Flowers/ Fruits	Spring		Yes	
	Fringetree – Chinese	<i>Chionanthus retusus</i>		Flowers/ Fruits	Spring			
	Fringetree – Tokyo Tower	<i>Chionanthus retusus</i> ‘Tokyo Tower’		Flowers/ Fruits	Spring		Yes	
	Glorybower tree	<i>Clerodendrum trichotomum</i>		Flowers/ Seeds	Summer			
	Glorybower tree – Farges’ variety	<i>Clerodendrum trichotomum</i> var. <i>fargesii</i>		Flowers/ Seeds	Summer			

	Goldenrain tree	<i>Koelreuteria paniculata</i>		Flowers	Summer	Gold-Ora		Moderate
	Goldenrain tree – Coral Sun	<i>Koelreuteria paniculata</i> ‘Coral Sun’		Flowers	Summer	Gold-Ora		Moderate
	Goldenrain tree – September	<i>Koelreuteria paniculata</i> ‘September’		Flowers	Summer	Gold-Ora		Moderate
	Goldenrain tree – Summerburst	<i>Koelreuteria paniculata</i> ‘JFS-Sunleaf’		Flowers	Summer	Gold-Ora		Moderate
	Hackberry – Winged	<i>Pteroceltis tatarinowii</i>					Yes	Moderate
	Hawthorn – Black	<i>Crataegus douglasii</i>	Portland	Fruits	Spring			High
	Hawthorn – Thornless cockspur	<i>Crataegus crus-galli</i> var. <i>inermis</i>		Fruits	Spring	Orange		Moderate
	Hawthorn – Lavelle	<i>Crataegus x lavellei</i>		Fruits	Spring	Gold-Ora		Moderate
	Hawthorn – Washington	<i>Crataegus phaenopyrum</i>		Fruits	Spring	Or-Re-Pu		Moderate
	Heptacodium	<i>Heptacodium miconioides</i>		Flowers	Summer			
	Honeylocust – Ruby Lace	<i>Gleditsia triacanthos</i> ‘Rubylace’						Moderate
	Hornbeam – Korean	<i>Carpinus fargesii</i> Syn. <i>C. laxiflora</i> var. <i>fargesii</i>						
	Hornbeam – Frans Fontaine	<i>Carpinus betulus</i> ‘Frans Fontaine’						
	Hornbeam – Heartleaf	<i>Carpinus cordata</i>						
	Hornbeam – Japanese	<i>Carpinus japonica</i>						
	Hornbeam – Looseflower	<i>Carpinus laxiflora</i>						
	Hornbeam – Native Flame American	<i>Carpinus caroliniana</i> ‘JFS KW6’				Red		
	Hornbeam – Palisade American	<i>Carpinus caroliniana</i> ‘CCSQU’				Yel-Ora		
	Judas tree	<i>Cercis siliquastrum</i>		Flowers	Spring			Moderate
	Jujube or Chinese date	<i>Ziziphus jujuba</i>		Fruits				Moderate
	Katsura – Weeping	<i>Cercidiphyllum japonicum</i> ‘Pendulum’				Gold-Ora		Low
	Maackia – Amur	<i>Maackia amurensis</i>		Flowers	Summer			
	Maackia – Chinese	<i>Maackia chinensis</i>		Flowers	Summer			
	Magnolia – Alexandrina saucer	<i>Magnolia x soulangiana</i> ‘Alexandrina’		Seeds	Spring			
	Magnolia – Apricot Brandy	<i>Magnolia x</i> ‘Apricot Brandy’		Seeds	Spring			
	Magnolia – Athene	<i>Magnolia x</i> ‘Athene’		Seeds	Spring			
	Magnolia – Atlas	<i>Magnolia x</i> ‘Atlas’		Seeds	Spring			
	Magnolia – Ballerina hybrid	<i>Magnolia x loebneri</i> ‘Ballerina’		Seeds	Spring			
	Magnolia – Blushing Belle	<i>Magnolia x</i> ‘Blushing Belle’		Seeds	Spring			
	Magnolia – Butterflies	<i>Magnolia x</i> ‘Butterflies’		Seeds	Spring			
	Magnolia – Cotton Candy	<i>Magnolia x</i> ‘Cotton Candy’		Seeds	Spring			
	Magnolia – Daybreak	<i>Magnolia x</i> ‘Daybreak’		Seeds	Spring			
	Magnolia – Elizabeth	<i>Magnolia x</i> ‘Elizabeth’		Seeds	Spring			
	Magnolia – Emma Cook	<i>Magnolia x</i> ‘Emma Cook’		Seeds	Spring			
	Magnolia – Galaxy	<i>Magnolia x</i> ‘Galaxy’		Seeds	Spring			
	Magnolia – Goldfinch	<i>Magnolia x</i> ‘Goldfinch’		Seeds	Spring			
	Magnolia – Henry Hicks sweetbay	<i>Magnolia virginiana</i> ‘Henry Hicks’		Seeds	Spring			
	Magnolia – Iolanthe	<i>Magnolia x</i> ‘Iolanthe’		Seeds	Spring			
	Magnolia – Iufer	<i>Magnolia salicifolia</i> ‘Iufer’		Seeds	Spring			
	Magnolia – Jon Jon	<i>Magnolia x</i> ‘Jon Jon’		Seeds	Spring			
	Magnolia – Judy Zuk	<i>Magnolia x</i> ‘Judy Zuk’		Seeds	Spring			
	Magnolia – Legacy	<i>Magnolia x</i> ‘Legacy’		Seeds	Spring			
	Magnolia – Lennei saucer	<i>Magnolia x soulangeana</i> ‘Lennei’		Seeds	Spring			

Magnolia – Leonard Messell	<i>Magnolia x loebneri</i> ‘Leonard Messel’		Seeds	Spring			
Magnolia – Marjory Gossler	<i>Magnolia x</i> ‘Marjory Gossler’		Seeds	Summer			
Magnolia – Milky Way	<i>Magnolia x</i> ‘Milky Way’		Seeds	Spring			
Magnolia – Merrill hybrid	<i>Magnolia x loebneri</i> ‘Merrill’		Seeds	Spring			
Magnolia – Miss Honeybee	<i>Magnolia acuminata</i> var. <i>subcordata</i> ‘Miss Honeybee’		Seeds	Spring			
Magnolia – Oyama	<i>Magnolia sieboldii</i>		Seeds	Spring			
Magnolia – Porcelain Dove	<i>Magnolia x</i> ‘Porcelain Dove’		Seeds	Spring			
Magnolia – Royal Crown	<i>Magnolia x</i> ‘Royal Crown’		Seeds	Spring			
Magnolia – Rustica Rubra saucer	<i>Magnolia x soulangiana</i> ‘Rustica Rubra’		Seeds	Spring			
Magnolia – Saucer	<i>Magnolia x soulangiana</i>		Seeds	Spring			
Magnolia – Sayonara	<i>Magnolia x</i> ‘Sayonara’		Seeds	Spring			
Magnolia – Serene	<i>Magnolia x</i> ‘Serene’		Seeds	Spring			
Magnolia – Solar Flare	<i>Magnolia x</i> ‘Solar Flare’		Seeds	Spring			
Magnolia – Spring Joy hybrid	<i>Magnolia x loebneri</i> ‘Spring Joy’		Seeds	Spring			
Magnolia – Star Acclaim	<i>Magnolia x</i> ‘Star Acclaim’		Seeds	Spring			
Magnolia – Sunburst	<i>Magnolia x</i> ‘Sunburst’		Seeds	Spring			
Magnolia – Tranquility	<i>Magnolia x</i> ‘Tranquility’		Seeds	Spring			
Magnolia – Umbrella	<i>Magnolia tripetala</i>		Seeds	Spring			
Magnolia – Vulcan	<i>Magnolia x</i> ‘Vulcan’		Seeds	Spring			
Magnolia –Wada’s Memory	<i>Magnolia x</i> ‘Wada’s Memory’		Seeds	Spring			
Magnolia – Yellow Fever	<i>Magnolia x</i> ‘Yellow Fever’		Seeds	Spring			
Magnolia – Yellow Lantern	<i>Magnolia x</i> ‘Yellow Lantern’		Seeds	Spring			
Magnolia – Yulan	<i>Magnolia denudata</i>		Seeds	Spring			
Magnolia – Zen	<i>Magnolia zenii</i>		Seeds	Spring			
Maple – Amur maple	<i>Acer ginnala</i>						Moderate
Maple – Bloodgood Japanese	<i>Acer palmatum</i> ‘Bloodgood’						Low
Maple – Coralbark or Sango Kaku	<i>Acer palmatum</i> ‘Sango Kaku’				Gold		Low
Maple – Ivyleaf	<i>Acer cissifolium</i>						
Maple – Korean	<i>Acer pseudosieboldianum</i>				Red-Pur		
Maple – Manchurian snakebark	<i>Acer tegmentosum</i>						
Maple – Northern Glow hybrid	<i>Acer x</i> ‘Hasselkus’						
Maple – Oshio Beni Japanese	<i>Acer palmatum</i> ‘Oshio Beni’				Red		Low
Maple – Pacific Sunset hybrid	<i>Acer x</i> ‘Warrenred’				Ora-Red		
Maple – Paperbark	<i>Acer griseum</i>				Red		
Maple – Rocky Mountain Glow bigtooth	<i>Acer grandidentatum</i> ‘Schmidt’						Moderate
Maple – Sango Kaku or coralbark	<i>Acer palmatum</i> ‘Sango Kaku’					Yes	Low
Maple – Shantung	<i>Acer truncatum</i>						
Maple – Stripebark	<i>Acer capillipes</i>						
Maple – Three-flower maple	<i>Acer triflorum</i>				Ora-Red		
Maple – Vine	<i>Acer circinatum</i>	Portland			Orange		
Oak – Crimson Spire hybrid	<i>Quercus x</i> ‘Crimschmidt’		Acorns		Red		
Oak – Gambel	<i>Quercus gambellii</i>		Acorns		Yel-Ora		High

Oak – Lacey	<i>Quercus laceyi</i>		Acorns					High
Persian ironwood – Lamplighter	<i>Parrotia persica</i> ‘Lamplighter’					Purp-Red	Yes	Moderate
Persian ironwood – Persian Lace	<i>Parrotia persica</i> ‘Persian Lace’					Varies	Yes	Moderate
Persian ironwood – Persian Spire	<i>Parrotia persica</i> ‘JLColumnar’					Or-Re-Pu	Yes	Moderate
Persian ironwood – Ruby Lace	<i>Parrotia persica</i> ‘Inge’s Ruby Lace’					Ora-Red	Yes	Moderate
Persian ironwood – Vanessa	<i>Parrotia persica</i> ‘Vanessa’					Ora-Red	Yes	Moderate
Pear – Asian (cultivars on non-dwarfing rootstocks)	<i>Pyrus pyrifolia</i>		Fruit	Spring		Ora-Gold		
Pear – Flowering (all cultivars)	<i>Pyrus calleryana</i>		Flowers	Spring		Ora-Red		
Persimmon – Early Golden American	<i>Diospyros virginiana</i> ‘Early Golden’		Fruits			Yellow		
Persimmon – Meader American	<i>Diospyros virginiana</i> ‘Meader’		Fruits					
Persimmon – Asian (all cultivars)	<i>Diospyros kaki</i>		Fruits					
Plum (all fruiting species and varieties)	<i>Prunus salicina</i>		Flowers	Spring				
Plum – Bliireana	<i>Prunus x bliireana</i>		Flowers	Spring				
Plum – Cistena	<i>Prunus x cistena</i>		Flowers	Spring				
Plum – Cherry (all cultivars and varieties)	<i>Prunus cerasifera</i>		Flowers	Spring				
Plum – Flowering (all cultivars)	<i>Prunus</i> ‘Krauter Vesuvius’, ‘Thundercloud’, etc.		Flowers	Spring				
Quince – Chinese	<i>Pseudocydonia sinensis</i>		Flowers	Spring			Yes	
Raisintree – Japanese	<i>Hovenia dulcis</i>		Fruits					
Redbud – Eastern	<i>Cercis canadensis</i>		Flowers	Spring				
Redbud – Appalachian Red eastern	<i>Cercis canadensis</i> ‘Appalachian Red’		Flowers	Spring				
Redbud – Flame	<i>Cercis canadensis</i> ‘Flame’		Flowers	Spring				
Redbud – Forest Pansy eastern	<i>Cercis canadensis</i> ‘Forest Pansy’		Flowers	Spring				
Redbud – Hearts of Gold	<i>Cercis canadensis</i> ‘Hearts of Gold’		Flowers	Spring				
Redbud – Merlot	<i>Cercis canadensis</i> ‘Merlot’		Flowers	Spring				
Redbud – Oklahoma Texas	<i>Cercis canadensis</i> var. <i>texensis</i> ‘Oklahoma’		Flowers	Spring				
Redbud – Summer’s Tower	<i>Cercis canadensis</i> ‘Summer’s Tower’		Flowers	Spring				
Redbud – Western	<i>Cercis occidentalis</i>		Flowers	Spring				
Redbud – Judas tree	<i>Cercis siliquastrum</i>		Flowers	Spring				Moderate
Rehderodendron	<i>Rehderodendron macrocarpum</i>		Flowers	Spring				Low
Serviceberry – Autumn Brilliance	<i>Amelanchier x grandiflora</i> ‘Autumn Brilliance’		Fruit	Spring				
Serviceberry – Spring Flurry	<i>Amelanchier laevis</i> ‘JFS Arb’		Fruit	Spring				
Seven-son tree	<i>Heptacodium miconioides</i>			Summer			Yes	
Silverbell	<i>Halesia tetraptera</i> (formerly <i>H. caroliniana</i>)		Flowers	Spring				
Silverbell – Two-winged	<i>Halesia diptera</i>		Flowers	Spring				
Sinojackia	<i>Sinojackia xylocarpa</i>		Flowers	Spring				Low
Smoketree – American	<i>Cotinus obovatus</i>					Ora-Red		
Smoketree – Grace hybrid	<i>Cotinus x ‘Grace’</i>					Purp-Ora		
Snowbell – Fragrant	<i>Styrax obassia</i>		Flowers	L. Spring				
Snowbell – Hemsley’s	<i>Styrax hemsleyanus</i>		Flowers	L. Spring				Low
Snowbell – Japanese	<i>Styrax japonicus</i>		Flowers	L. Spring				

Snowbell – Emerald Pagoda	<i>Styrax japonicus</i> ‘Emerald Pagoda’		Flowers	L. Spring			
Snowbell – Pink Chimes Japanese	<i>Styrax japonicus</i> ‘Pink Chimes’		Flowers	L. Spring			
Snowbell – Snow Charm Japanese	<i>Styrax japonicus</i> ‘Snow Charm’		Flowers	L. Spring			
Snowbell – Snowcone Japanese	<i>Styrax japonicus</i> ‘Snowcone’		Flowers	L. Spring			
Sourwood	<i>Oxydendrum arboretum</i>		Flowers	Summer	Red		Low
Spruce – Alberta	<i>Picea glauca</i> var. <i>albertiana</i>		Seeds				
Stewartia – Beaked	<i>Stewartia rostrata</i>		Flowers	Spring	Orange		
Stewartia – Chinese	<i>Stewartia sinensis</i>		Flowers	Summer	Ora-Red	Yes	Low
Stewartia - Japanese	<i>Stewartia pseudocamellia</i>		Flowers	Summer	Or-Re-Pu	Yes	
Stewartia – Orangebark or tall	<i>Stewartia monadelph</i>		Flowers	Summer	Red	Yes	
Stewartia – Toothed	<i>Stewartia serrata</i>		Flowers	Summer	Red		Low
Tree lilac – China Gold Japanese	<i>Syringa reticulata</i> ‘China Gold’		Flowers	L. Spring			
Tree lilac – Ivory Silk Japanese	<i>Syringa reticulata</i> ‘Ivory Silk’		Flowers	L. Spring			
Tree lilac – Summer Snow Japanese	<i>Syringa reticulata</i> ‘Summer Snow’		Flowers	L. Spring			
Tree lilac – Beijing Gold Peking	<i>Syringa reticulata</i> ssp. <i>pekinensis</i> ‘Zhang Zhiming’		Flowers	L. Spring		Yes	
Tree lilac – China Snow Peking	<i>Syringa reticulata</i> ssp. <i>pekinensis</i> ‘DTR 124’		Flowers	L. Spring		Yes	
Tree lilac – Summer Charm Peking	<i>Syringa reticulata</i> ssp. <i>pekinensis</i> ‘Morton’		Flowers	L. Spring		Yes	
Tupelo – Gum Drop	<i>Nyssa sylvatica</i> ‘JFS-PN Legacy 1’						Low
Willow – Hankow	<i>Salix matsudana</i>						
Willow – Hooker’s	<i>Salix hookeriana</i>						
Willow – Pacific	<i>Salix lasiandra</i>						
Willow – Scouler’s	<i>Salix scouleriana</i>	Portland					
Winged hackberry	<i>Pteroceltis tatarinowii</i>					Yes	Moderate
Witchhazel – Common	<i>Hamamelis virginiana</i>						
Zelkova – City Sprite Japanese	<i>Zelkova serrata</i> ‘JFS-KW1’					Yes	
Zelkova – Wireless	<i>Zelkova serrata</i> ‘Schmidtlow’					Yes	

Table 6 – Medium trees (on average, mature height is 31’ to 50’ tall)

	Common name	Botanical name	Evergreen	Native	Wildlife value	Showy flowers	Showy fall color	Bark interest	Drought tolerance
	Alaska yellow-cedar	<i>Cupressus nootkatensis</i>	Evergreen	Oregon					Low
	Alder – Italian	<i>Alnus cordata</i>							
	Alder – Sipkes Italian	<i>Alnus cordata</i> ‘Sipkes’							
	Arborvitae – Hiba	<i>Thujaopsis dolabrata</i>	Evergreen						
	Ash – Autumn Applause white	<i>Fraxinus americana</i> ‘Autumn Applause’					Dark red		
	Ash – Autumn Purple white	<i>Fraxinus americana</i> ‘Junginger’					Purp-Red		
	Ash – Black	<i>Fraxinus nigra</i>							
	Ash – Dakota Centennial green	<i>Fraxinus pennsylvanica</i> ‘Wahpeton’					Yellow		
	Ash – Flowering	<i>Fraxinus ornus</i>			Flowers	Spring	Purp-Red		
	Ash – Green	<i>Fraxinus pennsylvanica</i>					Yellow		
	Ash – Cimmaron green	<i>Fraxinus pennsylvanica</i> ‘Cimmaron’					Purp-red		
	Ash – Marshall green	<i>Fraxinus pennsylvanica</i> ‘Marshall’					Yellow		
	Ash – Patmore green	<i>Fraxinus pennsylvanica</i> ‘Patmore’					Yellow		
	Ash – Urbanite green	<i>Fraxinus pennsylvanica</i> ‘Urbanite’					Yellow		
	Ash – Narrowleaf	<i>Fraxinus angustifolia</i>							
	Ash – Raywood	<i>Fraxinus angustifolia</i> ‘Raywood’					Purple		
	Aspen – Quaking	<i>Populus tremuloides</i>							Low
	Bee-bee tree	<i>Tetradium danielii</i>			Flowers	Summer			
	Beech – Dawyck’s fastigiata European	<i>Fagus sylvatica</i> ‘Dawyck’			Seeds				Low
	Beech – Dawyck Gold European	<i>Fagus sylvatica</i> ‘Dawyck Gold’			Seeds				Low
	Beech – Dawyck Purple European	<i>Fagus sylvatica</i> ‘Dawyck Purple’			Seeds				Low
	Beech – Red Obelisk European	<i>Fagus sylvatica</i> ‘Red Obelisk’			Seeds				Low
	Beech – Rohan’s European	<i>Fagus sylvatica</i> ‘Rohanii’			Seeds				Low
	Beech – Zlatia golden European	<i>Fagus sylvatica</i> ‘Zlatia’			Seeds				Low
	Birch – Dura-Heat river	<i>Betula nigra</i> ‘BNMTF’						Yes	Low
	Birch – Heritage river	<i>Betula nigra</i> ‘Cully’						Yes	Low
	Birch – Himalayan whitebarked	<i>Betula utilis</i> var. <i>jacquemontii</i>						Yes	Low
	Birch – Paper	<i>Betula papyrifera</i>						Yes	Low
	Birch – River	<i>Betula nigra</i>						Yes	Low
	Birch – Royal Frost	<i>Betula</i> ‘Penci-2’						Yes	Low
	Birch – Whitespire gray	<i>Betula populifolia</i> ‘Whitespire’						Yes	Low
	Camphor – Hardy Chinese	<i>Cinnamomum chekiangensis</i>	Evergreen						
	Castor aralia	<i>Kalopanax pictus</i>							
	Catalpa – Purple	<i>Catalpa x erubescens</i> ‘Purpurea’			Flowers	Summer			
	Cedar – Emerald Falls deodar	<i>Cedrus deodara</i> ‘Emerald Falls’	Evergreen						
	Cedar – Excelsa western red	<i>Thuja plicata</i> ‘Excelsa’	Evergreen	Portland					
	Cedar – Golden deodar	<i>Cedrus deodara</i> ‘Aurea’	Evergreen						

Cedar – Green Giant hybrid	<i>Cedrus x 'Green Giant'</i>	Evergreen						
Cedar – Japanese	<i>Cryptomeria japonica</i>	Evergreen						
Cedar – Karl Fuchs deodar	<i>Cedrus deodara 'Karl Fuchs'</i>	Evergreen						
Cedar – Lakeview deodar	<i>Cedrus deodara 'Lakeview'</i>	Evergreen						
Cedar – Miles High deodar	<i>Cedrus deodara 'Miles High'</i>	Evergreen						
Cedar – Shalimar deodar	<i>Cedrus deodara 'Shalimar'</i>	Evergreen						
Cherry – Autumn flowering	<i>Prunus subhirtella 'Autumnalis Rosea'</i>				Fall	Gold-Ora		
Cherry – Bird	<i>Prunus padus</i>				Spring			
Cherry – Bitter cherry	<i>Prunus emarginata var. mollis</i>		Portland	Fruit	Spring			
Cherry – Yoshino	<i>Prunus x yedoensis</i>				Spring			
Chestnut – Chinese	<i>Castanea mollissima</i>			Nuts				
Chilean beech – Antarctic	<i>Nothofagus antarctica</i>					Yellow	Yes	
Coffee tree – Stately Manor Kentucky	<i>Gymnocladus dioicus 'Stately Manor'</i>					Yellow		Moderate
Cork tree – Eye Stopper	<i>Phellodendron 'Longenecker'</i>					Yellow		Moderate
Cork tree – His Majesty	<i>Phellodendron 'His Majesty'</i>					Yellow		Moderate
Cryptomeria	<i>Cryptomeria japonica</i>	Evergreen						
Cryptomeria – Araucarioides	<i>Cryptomeria japonica 'Araucarioides'</i>	Evergreen						
Cryptomeria – Kitayama	<i>Cryptomeria japonica 'Kitayama'</i>	Evergreen						
Cryptomeria – Radicans	<i>Cryptomeria japonica 'Radicans'</i>	Evergreen						
Cryptomeria – Yoshino	<i>Cryptomeria japonica 'Yoshino'</i>	Evergreen						
Cypress – Arizona	<i>Cupressus arizonica</i>	Evergreen						High
Cypress – Baker	<i>Cupressus bakeri</i>	Evergreen	Oregon	Seeds				High
Cypress – Italian	<i>Cupressus sempervirens</i>	Evergreen						High
Cypress - Macnab	<i>Cupressus macnabiana</i>	Evergreen						High
Cypress – Sargent	<i>Cupressus sargentii</i>	Evergreen						High
Cypress – Sawara cypress	<i>Chamaecyparis pisifera</i>	Evergreen						
Cypress – Swane’s Gold Italian	<i>Cupressus sempervirens 'Swane’s Gold'</i>	Evergreen						High
Daphniphyllum	<i>Daphniphyllum macropodon</i>	Evergreen						
Dawn redwood, Jack Frost	<i>Metasequoia glyptostroboides 'Jack Frost'</i>					Orange		Low
Dogwood – Bigleaf	<i>Cornus macrophylla</i>			Fruit	Summer			
Dogwood – Giant	<i>Cornus controversa</i>			Fruit	L. spring	Purple		Low
Dogwood – Giant variegated	<i>Cornus controversa 'Variegata'</i>			Fruit	L. spring	Purple		Low
Dogwood – June Snow giant	<i>Cornus controversa 'June Snow'</i>			Fruit	L. spring	Purple		Low
Dogwood – Kousa	<i>Cornus kousa</i>			Fruit		Ora-Red	Yes	
Dogwood – Pacific	<i>Cornus nuttallii</i>		Portland	Fruit	Spring	Ora-Red		
Dogwood – Pagoda	<i>Cornus alternifolia</i>			Fruit	Spring	Ora-Red		Low
Dogwood – Walter	<i>Cornus walterii</i>			Fruit	L. Spring			
Drimys, Winter’s bark	<i>Drimys winteri</i>	Evergreen			Spring			
Elm – Allee lacebark	<i>Ulmus parvifolia 'Emer II'</i>					Gold-Ora	Yes	
Elm – Athena lacebark	<i>Ulmus parvifolia 'Emer I'</i>					Yellow		
Elm – Bosque lacebark	<i>Ulmus parvifolia 'UPMTF'</i>					Gold-Ora	Yes	
Elm – Burgundy lacebark	<i>Ulmus parvifolia 'Burgundy'</i>					Pur-Red		
Elm – Emerald Flair lacebark	<i>Ulmus parvifolia 'JFS Barrett'</i>					Yellow		

Elm –Emerald Prairie lacebark	<i>Ulmus parvifolia</i> 'Emerald Prairie'					Yellow		
Elm – Frontier hybrid	<i>Ulmus</i> 'Frontier'					Pur-Red		
Elm – Golden Rey' lacebark	<i>Ulmus parvifolia</i> 'Golden Rey'					Yellow		
Elm – New Horizon	<i>Ulmus</i> 'New Horizon'							
Elm – Pathfinder lacebark	<i>Ulmus parvifolia</i> 'Pathfinder'					Reddish	Yes	
Elm – Patriot hybrid	<i>Ulmus</i> x 'Patriot'							
Elm – Prospector Japanese	<i>Ulmus davidiana</i> var. <i>japonica</i> 'Prospector'							
Eucalyptus – Argyle box	<i>Eucalyptus cinerea</i>	Evergreen						
Eucalyptus – Tingiringi	<i>Eucalyptus glaucescens</i>	Evergreen		Flowers				
Eucalyptus – Cider gum	<i>Eucalyptus gunnii</i>	Evergreen		Flowers			Yes	
Eucommia	<i>Eucommia ulmoides</i>							
Eucommia – Emerald Pointe	<i>Eucommia ulmoides</i> 'Emerald Pointe'							
Eucryphia – Mt. Usher	<i>Eucryphia x nymansensis</i> 'Mt. Usher'	Evergreen		Flowers	Summer			
Eucryphia – Nymansay	<i>Eucryphia x nymansensis</i> 'Nymansay'	Evergreen		Flowers	Summer			
Evodia – Korean	<i>Tetradium daniellii</i>			Flowers/ Fruits	Summer			
Ginkgo – Autumn Gold	<i>Ginkgo biloba</i> 'Autumn Gold'					Yellow		
Ginkgo – Fairmount	<i>Ginkgo biloba</i> 'Fairmount'					Yellow		
Ginkgo – Golden Colonnade	<i>Ginkgo biloba</i> 'JFS-UGA2'					Yellow		
Ginkgo – Halka	<i>Ginkgo biloba</i> 'Halka'					Yellow		
Ginkgo – Magyar	<i>Ginkgo biloba</i> 'Magyar'					Yellow		
Ginkgo – Palo Alto	<i>Ginkgo biloba</i> 'Palo Alto'					Yellow		
Ginkgo – Presidential Gold	<i>Ginkgo biloba</i> 'The President'					Yellow		
Ginkgo –Princeton Sentry	<i>Ginkgo biloba</i> 'Princeton Sentry'					Yellow		
Ginkgo – Shangri-la	<i>Ginkgo biloba</i> 'Shangri-la'					Yellow		
Ginkgo –Saratoga	<i>Ginkgo biloba</i> 'Saratoga'					Yellow		
Ginkgo –Windover Gold	<i>Ginkgo biloba</i> 'Windover Gold'					Yellow		
Gordonia	<i>Gordonia lasianthus</i>	Evergreen		Flowers	Spring			Low
Hackberry – Prairie Sentinel	<i>Celtis occidentalis</i> 'Prairie Sentinel'			Nuts			Yes	Moderate
Hemlock – Canadian	<i>Tsuga canadensis</i>	Evergreen		Seeds				
Hiba arborvitae	<i>Thujopsis dolabrata</i>	Evergreen						
Honeylocus – Halka	<i>Gleditsia triacanthos</i> 'Christie'							Moderate
Honeylocust – Imperial	<i>Gleditsia triacanthos</i> 'Impcole'							Moderate
Honeylocust – Northern Acclaim	<i>Gleditsia triacanthos</i> 'Harve'							Moderate
Honeylocust – Shademaster male	<i>Gleditsia triacanthos</i> 'Shademaster'							Moderate
Honeylocust – Skyline thornless	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skycole'							Moderate
Honeylocust – Street Keeper	<i>Gleditsia triacanthos</i> 'Street Keeper'							Moderate
Honeylocust – Sunburst	<i>Gleditsia triacanthos</i> 'Sunburst'							Moderate
Hophornbeam – American	<i>Ostrya virginiana</i>							
Hophornbeam – European	<i>Ostrya carpinifolia</i>							
Hophornbeam – Japanese	<i>Ostrya japonica</i>							
Hornbeam – American	<i>Carpinus caroliniana</i>					Y-Or-Re		Low
Hornbeam – Emerald Avenue	<i>Carpinus betulus</i> 'JFS-KW1CB'							
Hornbeam – Native Flame	<i>Carpinus caroliniana</i> 'Native Flame'					Red		Low

	Hornbeam – Pyramidal European	<i>Carpinus betulus</i> 'Fastigiata'							
	Horsechestnut – Brioti red-flowering	<i>Aesculus x carnea</i> 'Briotii'			Flowers	Spring			
	Horsechestnut – Ft. McNair red-flowering	<i>Aesculus x carnea</i> 'Ft. McNair'			Flowers	Spring			
	Japanese pagoda tree	<i>Styphnolobium japonicum</i>			Flowers	Summer			Moderate
	Japanese pagoda tree – Millstone	<i>Styphnolobium japonicum</i> 'Halka'			Flowers	Summer			Moderate
	Japanese pagoda tree – Princeton Upright	<i>Styphnolobium japonicum</i> 'Princeton Upright'			Flowers	Summer			Moderate
	Kalopanax	<i>Kalopanax pictus</i>			Flowers	Summer			
	Katsura – Red Fox or Rotfuchs	<i>Cercidiphyllum japonicum</i> 'Rotfuchs'					Gold-Ora		Low
	Larch – Subalpine	<i>Larix lyallii</i>		Oregon	Seeds				
	Laurel – True or Mediterranean	<i>Laurus nobilis</i>	Evergreen		Fruits				
	Linden – American Sentry American	<i>Tilia americana</i> 'McKSentry'			Flowers				
	Linden – Boulevard American	<i>Tilia americana</i> 'Boulevard'			Flowers				
	Linden – Continental Appeal	<i>Tilia americana</i> 'Continental Appeal'			Flowers				
	Linden – Crimean	<i>Tilia x euchlora</i>			Flowers				
	Linden – Chancellor littleleaf	<i>Tilia cordata</i> 'Chancole'			Flowers				
	Linden – Corinthian littleleaf	<i>Tilia cordata</i> 'Corzan'			Flowers				
	Linden – Dropmore hybrid	<i>Tilia x flavescens</i> 'Dropmore'			Flowers				
	Linden – Glenleven hybrid	<i>Tilia x flavescens</i> 'Glenleven'			Flowers				
	Linden – Greenspire littleleaf	<i>Tilia cordata</i> 'Greenspire'			Flowers				
	Linden – Green Mountain silver	<i>Tilia tomentosa</i> 'PNI 6051'			Flowers				Moderate
	Linden – Harvest Gold hybrid	<i>Tilia x</i> 'Harvest Gold'			Flowers				
	Linden – Legend American	<i>Tilia americana</i> 'DTR 123'			Flowers				
	Linden – Norlin littleleaf	<i>Tilia cordata</i> 'Ronald'			Flowers				
	Linden – Rancho littleleaf	<i>Tilia cordata</i> 'Rancho'			Flowers				
	Linden – Redmond American	<i>Tilia americana</i> 'Redmond'			Flowers				
	Linden – Shamrock littleleaf	<i>Tilia cordata</i> 'Bailey'			Flowers				
	Linden – Sterling silver	<i>Tilia tomentosa</i> 'Sterling'			Flowers				Moderate
	Magnolia – Apollo	<i>Magnolia x</i> 'Apollo'			Seeds	Spring			
	Magnolia – Bigleaf	<i>Magnolia macrophylla</i>			Seeds	Spring			
	Magnolia – D.D. Blanchard Southern	<i>Magnolia grandiflora</i> 'D.D. Blanchard'	Evergreen		Seeds	Summer			
	Magnolia – Diva	<i>Magnolia sprengeri</i> 'Diva'			Seeds	Spring			
	Magnolia – Eastern joy lotus tree	<i>Magnolia lotungensis</i>	Evergreen		Seeds	Spring			
	Magnolia – Henry Hicks sweetbay	<i>Magnolia virginiana</i> 'Henry Hicks'	Evergreen		Seeds				
	Magnolia – Joy lotus	<i>Magnolia lotungensis</i> (formerly <i>Parakmeria</i>)	Evergreen		Seeds	Spring			Low
	Magnolia – Kobus	<i>Magnolia kobus</i>			Seeds	Spring			
	Magnolia – Lanarth	<i>Magnolia campbellii</i> 'Lanarth'			Seeds	Spring			
	Magnolia – Moonglow sweetbay	<i>Magnolia virginiana</i> 'Wilson'	Evergreen		Seeds	Spring			
	Magnolia – Paul Cook	<i>Magnolia sprengeri</i> 'Paul Cook'			Seeds	Spring			
	Magnolia – Sweet michelia	<i>Magnolia doltsopa</i>	Evergreen		Seeds	Spring			Low

Magnolia – Tamaulipas	<i>Magnolia tamaulipana</i> ‘Bronze Sentinel’	Evergreen		Seeds	Spring			
Magnolia – Veitch’s	<i>Magnolia x veitchii</i>			Seeds	Spring			
Magnolia – Yellow Bird	<i>Magnolia x</i> ‘Yellow Bird’			Seeds	Spring			
Maple – Arrowhead sugar	<i>Acer saccharum</i> ‘Arrowhead’					Gold-Ora		
Maple – Autumn Blaze	<i>Acer x freemanii</i> ‘Jeffersred’					Ora-Red		
Maple – Autumn Fantasy	<i>Acer x freemanii</i> ‘DTR 102’					Red		
Maple – Autumn Fest red	<i>Acer rubrum</i> ‘JFS-KW8’					Ora-Red		
Maple – Autumn Flame red	<i>Acer rubrum</i> ‘Autumn Flame’							
Maple – Autumn Splendor sugar	<i>Acer saccharum</i> ‘Autumn Splendor’					Ora-Red		
Maple – Belle Tower sugar	<i>Acer saccharum</i> ‘Reba’					Gold-Ora		
Maple – Bonfire sugar	<i>Acer saccharum</i> ‘Bonfire’					Ora-Red		
Maple – Brandywine red	<i>Acer rubrum</i> ‘Brandywine’					Red		
Maple – Celebration	<i>Acer x freemanii</i> ‘Celzam’					Gold-Ora		
Maple – Commemoration sugar	<i>Acer saccharum</i> ‘Commemoration’					Ora-Red		
Maple – Crescendo sugar	<i>Acer saccharum</i> ‘Morton’					Red		
Maple – Crimson Sunset	<i>Acer x</i> JFS-KW202’					Bronze- Maroon		
Maple – David	<i>Acer davidii</i>							
Maple – Fall Fiesta sugar	<i>Acer saccharum</i> ‘Bailsta’							
Maple – Firefall	<i>Acer x freemanii</i> ‘AF#1’					Ora-Red		
Maple – Flashfire sugar	<i>Acer saccharum</i> ’JFS-Caddo2’					Red		
Maple – George Forest stripebark	<i>Acer davidii</i> ‘George Forrest’					Yellow		
Maple – Green Mountain sugar	<i>Acer saccharum</i> ‘Green Mountain’					Ora-Red		Moderate
Maple – Grosser’s stripebark	<i>Acer davidii ssp. grosseri</i>					Gold-Ora		
Maple – Harvest Moon	<i>Acer barbatum</i> ‘Sandersville’					Ora-Red		
Maple – Legacy sugar	<i>Acer saccharum</i> ‘Legacy’					Ora-Red		
Maple – Majesty sugar	<i>Acer saccharum</i> ‘Flax Mill’					Ora-Red		
Maple – Manchurian	<i>Acer mandshuricum</i>							
Maple – Metro Gold hedge	<i>Acer campestre</i> ‘Panacek’					Yellow		
Maple – Northern Flare sugar	<i>Acer saccharum</i> ‘Sisseton’					Ora-Red		
Maple – Northwood red	<i>Acer rubrum</i> ‘Northwood’					Ora-Red		
Maple – Norwegian Sunset	<i>Acer x</i> ‘Keithsform’					Ora-Red		
Maple – October Glory red	<i>Acer rubrum</i> ‘October Glory’					Red		
Maple – Oregon Trail sugar	<i>Acer saccharum</i> ‘Hiawatha1’					Ora-Red		
Maple – Queen Elizabeth hedge	<i>Acer campestre</i> ‘Evelyn’					Yellow		
Maple – Red Sunset red	<i>Acer rubrum</i> ‘Franksred’					Red		
Maple – Redpointe red	<i>Acer rubrum</i> ‘Frank, Jr.’					Red		
Maple – Redvein	<i>Acer rufinerve</i>							
Maple – Scarlet Sentinel	<i>Acer x freemanii</i> ‘Scarsen’					Ora-Red		
Maple – Sienna Glen	<i>Acer x freemanii</i> ‘Sienna’					Ora-Pu		
Maple – Somerset red	<i>Acer rubrum</i> ‘Somerset’					Red		
Maple – Sun Valley red	<i>Acer rubrum</i> ‘Sun Valley’					Red		
Maple – State Street miyabe	<i>Acer miyabei</i> ‘State Street’							
Maple – Trident maple	<i>Acer buergerianum</i>					Or-Re-Pu		Moderate

	Meliiodendron	<i>Meliiodendron xylocarpum</i>			Flowers	Spring			
	Mountain ash – Korean	<i>Sorbus alnifolia</i>			Fruits	Spring	Gold-Orn		Moderate
	Myrtle – Oregon	<i>Umbellularia californica</i>	Evergreen	Oregon	Fruits				High
	Nutmeg – California	<i>Torreya californica</i>	Evergreen						Moderate
	Nutmeg yew – Farges’	<i>Torreya fargesii</i>	Evergreen						
	Oak – Arizonica	<i>Quercus arizonica</i>	Evergreen		Acorns				High
	Oak – Bambooleaf oak	<i>Quercus myrsinifolia</i>	Evergreen		Acorns				
	Oak – Blue	<i>Quercus douglasii</i>			Acorns				High
	Oak – Buckley or Texas red	<i>Quercus buckleyi</i>			Acorns				
	Oak – Chinkapin	<i>Quercus muehlenbergii</i>			Acorns				Moderate
	Oak – Cork	<i>Quercus suber</i>	Evergreen		Acorns			Yes	High
	Oak – Emory	<i>Quercus emoryi</i>	Evergreen		Acorns				High
	Oak – Forest Green	<i>Quercus frainetto</i> ‘Schmidt’			Acorns		Yellow		Moderate
	Oak – Japanese evergreen	<i>Quercus acuta</i>	Evergreen		Acorns				
	Oak – Monterrey or Mexican white	<i>Quercus polymorpha</i>	Evergreen		Acorns				High
	Oak – Post	<i>Quercus stellata</i>			Acorns				
	Oak – Sawtooth	<i>Quercus acutissima</i>			Acorns				
	Oak – Silverleaf	<i>Quercus hypoleucoides</i>	Evergreen		Acorns				High
	Oak – Streetspire hybrid	<i>Quercus</i> ‘JFS-KW1QX’			Acorns				
	Pagoda – Japanese	<i>Styphnolobium japonicum</i>			Flowers	Summer			Moderate
	Pagoda – Millstone Japanese	<i>Styphnolobium japonicum</i> ‘Halka’			Flowers	Summer			Moderate
	Persian ironwood	<i>Parrotia persica</i>					Varies	Yes	Moderate
	Pearlbloom	<i>Poliathyrsis sinensis</i>			Flowers	Summer			
	Persimmon – American	<i>Diospyros virginiana</i>			Fruits		Varies		Moderate
	Pine – Aurea Japanese red	<i>Pinus densiflora</i> ‘Aurea’	Evergreen		Seeds				Moderate
	Pine – Aurea Scots pine	<i>Pinus sylvestris</i> ‘Aurea’	Evergreen		Seeds			Yes	
	Pine – Austrian	<i>Pinus nigra</i>	Evergreen		Seeds				Moderate
	Pine – Bishop	<i>Pinus muricata</i>	Evergreen		Seeds				High
	Pine – Bonna Scots pine	<i>Pinus sylvestris</i> ‘Bonna’	Evergreen		Seeds			Yes	
	Pine – Bosnian	<i>Pinus heldreichii</i> Syn. <i>P. leucodermis</i>	Evergreen		Seeds				
	Pine – Glauca Japanese white	<i>Pinus parviflora</i> ‘Glauca’	Evergreen		Seeds				
	Pine – Golden Japanese red	<i>Pinus densiflora</i> ‘Aurea’	Evergreen		Seeds			Yes	
	Pine – Japanese black	<i>Pinus thunbergii</i>	Evergreen		Seeds				Moderate
	Pine – Japanese stone pine	<i>Pinus pumila</i>	Evergreen		Seeds				
	Pine – Japanese white	<i>Pinus parviflora</i>	Evergreen		Seeds				
	Pine – Korean	<i>Pinus koreana</i>	Evergreen		Seeds				
	Pine – Lacebark	<i>Pinus bungeana</i>	Evergreen		Seeds			Yes	
	Pine – Limber	<i>Pinus flexilis</i>	Evergreen	Oregon	Seeds				High
	Pine – Mexican pinyon	<i>Pinus cembroides</i>	Evergreen						
	Pine – Pencil	<i>Athrotaxis cupressoides</i>	Evergreen						
	Pine – Pinyon	<i>Pinus cembroides</i> var. <i>edulis</i>	Evergreen		Seeds				High
	Pine – Prairie Statesman Swiss stone	<i>Pinus cembra</i> ‘Harve’	Evergreen		Seeds				
	Pine – Scots pine	<i>Pinus sylvestris</i>	Evergreen		Seeds			Yes	

Pine – Silver Sheen Swiss stone	<i>Pinus cembra</i> ‘Silver Sheen’	Evergreen		Seeds				
Pine – Singleleaf pinyon	<i>Pinus monophylla</i>	Evergreen		Seeds				High
Pine – Tasmanian pencil	<i>Athrotaxis x laxifolia</i>	Evergreen						
Pine – Virginia	<i>Pinus virginiana</i>	Evergreen		Seeds				
Pine – White Mountain Eastern	<i>Pinus strobus</i> ‘White Mountain’	Evergreen		Seeds				
Pistache – Chinese	<i>Pistacia chinensis</i>			Seeds		Ora-Red		Moderate
Pistache – Keith Davey Chinese	<i>Pistacia chinensis</i> ‘Keith Davey’					Red		
Poliothyrsis or pearlboom tree	<i>Poliothyrsis sinensis</i>			Flowers	Summer			
Rubbertree – Hardy Chinese	<i>Eucommia ulmoides</i>							
Rubbertree – Emerald Pointe Hardy Chinese	<i>Eucommia ulmoides</i> ‘Emerald Pointe’							
Sassafras	<i>Sassafras albidum</i>			Fruit				
Silk tree	<i>Albizia julibrissin</i>			Flowers	Summer			
Silverbell – Mountain	<i>Halesia tetraptera</i> var. <i>monticola</i>			Flowers	Spring			
Spruce – Black	<i>Picea mariana</i>	Evergreen		Seeds				Low
Spruce – Black Hills	<i>Picea glauca</i> var. <i>densata</i>	Evergreen		Seeds				High
Spruce – Colorado blue spruce	<i>Picea pungens</i> var. <i>glauca</i>	Evergreen		Seeds				Moderate
Spruce – Engelmann	<i>Picea engelmannii</i>	Evergreen	Oregon	Seeds				Low
Spruce – Gold-Tipped oriental	<i>Picea orientalis</i> ‘Aureospicata’	Evergreen		Seeds				
Spruce – White	<i>Picea glauca</i>	Evergreen		Seeds				High
Sweetgum – Chinese	<i>Liquidamber acalycina</i>							
Tupelo – American	<i>Nyssa sylvatica</i>			Fruits/ Flowers		Ora-Red		Low
Tupelo – Afterburner	<i>Nyssa sylvatica</i> ‘David Odom’			Fruits/ Flowers		Red		Low
Tupelo – Chinese	<i>Nyssa sinensis</i>			Fruits/ Flowers		Red		Low
Tupelo – Firestarter	<i>Nyssa sylvatica</i> ‘JFS-red’			Fruits/ Flowers		Red		Low
Tupelo – Green Gable	<i>Nyssa sylvatica</i> ‘Green Gable’			Fruits/ Flowers		Red		Low
Tupelo – Red Rage	<i>Nyssa sylvatica</i> ‘Haymanred’			Fruits/ Flowers		Red		Low
Tupelo – Wildfire	<i>Nyssa sylvatica</i> ‘Wildfire’			Fruits/ Flowers		Red		Low
Walnut – English	<i>Juglans regia</i> (hardy varieties such as ‘Carpathian’, ‘Chandler’, ‘Howard’ and ‘Spurgeon’ – but only if grown on their own roots or Manregion roots, not if grown on black walnut rootstock due to graft failure)			Nuts				
Willow - Black	<i>Salix nigra</i>							
Wingnut – Caucasian	<i>Pterocarya fraxinifolia</i>							
Wingnut – Chinese	<i>Pterocarya stenoptera</i>							
Wingnut – Hubei	<i>Pterocarya hupehensis</i>							

Wingnut – Japanese	<i>Pterocarya rhoifolia</i>								
Wingnut – Rehder’s hybrid	<i>Pterocarya x rehderiana</i>								
Yellowwood – American	<i>Cladrastis kentukea</i>			Flowers	L. spring				
Yellowwood – Chinese	<i>Cladrastis sinensis</i>			Flowers	L. spring				
Yellowwood – Perkins Pink	<i>Cladrastis kentukea</i> ‘Perkins Pink’			Flowers	L. spring				
Yew – California	<i>Torreya californica</i>	Evergreen							Moderate
Yew – Western	<i>Taxus brevifolia</i>	Evergreen	Portland					Yes	Moderate
Zelkova – Chinese	<i>Zelkova sinensis</i>							Yes	
Zelkova –Halka	<i>Zelkova serrata</i> ‘Halka’							Yes	
Zelkova – Village Green	<i>Zelkova serrata</i> ‘Village Green’							Yes	

Table 7 – Large trees (on average, mature height is above 50 feet)

	Common name	Botanical name	Evergreen	Native	Wildlife value	Showy flowers	Showy fall color	Bark interest	Drought tolerance
	Alder – Black	<i>Alnus glutinosa</i>				Spring			
	Alder – Red	<i>Alnus rubra</i>		Portland					
	Alder – White	<i>Alnus rhombifolia</i>		Oregon					
	Arbutus - Madrone	<i>Arbutus menziesii</i>	Evergreen	Portland	Fruits	Spring		Yes	High
	Ash – Blue	<i>Fraxinus quadrangulata</i>							Moderate
	Ash – European	<i>Fraxinus excelsior</i>							
	Ash – Oregon	<i>Fraxinus latifolia</i>		Portland					
	Ash – White	<i>Fraxinus americana</i>					Varies		
	Bald cypress	<i>Taxodium distichum</i>			Seeds		Orange		
	Bald cypress – Apache Chief	<i>Taxodium distichum</i> ‘Apache Chief’					Orange		
	Bald cypress – Green Whisper	<i>Taxodium distichum</i> ‘JFS-SGPN’					Orange		
	Bald cypress – Shawnee Brave	<i>Taxodium distichum</i> ‘Mickelson’					Orange		
	Beech – American	<i>Fagus grandifolia</i>			Seeds				Low
	Beech – European	<i>Fagus sylvatica</i>			Seeds				Low
	Beech – Fernleaf European	<i>Fagus sylvatica</i> ‘Asplenifolia’			Seeds				Low
	Beech – River’s purple European	<i>Fagus sylvatica</i> ‘Riversii’			Seeds				Low
	Beech – Swat Margret	<i>Fagus sylvatica</i> ‘Swat Margret’			Seeds				Low
	Buckeye – Ohio	<i>Aesculus glabra</i>					Ora-Red		Moderate
	Buckeye - Yellow	<i>Aesculus flava</i>					Yellow		
	Castanopsis or Japanese chinkapin	<i>Castanopsis cuspidata</i>	Evergreen		Acorns				
	Catalpa – Northern	<i>Catalpa speciosa</i>			Flowers	Summer			
	Catalpa – Southern	<i>Catalpa bignonioides</i>			Flowers	Summer			
	Cathaya, Chinese silver fir	<i>Cathaya argyrophylla</i>	Evergreen						
	Cedar – Alaska yellow	<i>Cupressus nootkatensis</i>	Evergreen	Oregon					Low
	Cedar – Atlas	<i>Cedrus atlantica</i>	Evergreen						High
	Cedar – Atrovirens western red	<i>Thuja plicata</i> ‘Atrovirens’	Evergreen	Portland					
	Cedar – Blue Atlas	<i>Cedrus atlantica</i> ‘Glauca’	Evergreen						
	Cedar – Deodar	<i>Cedrus deodara</i>	Evergreen						
	Cedar – Eastern red	<i>Juniperus virginiana</i>	Evergreen						
	Cedar – Hogan western red	<i>Thuja plicata</i> ‘Hogan’	Evergreen	Portland					
	Cedar – Incense	<i>Calocedrus decurrens</i>	Evergreen	Oregon					High
	Cedar – Inverness deodar	<i>Cedrus deodara</i> ‘Inverness’	Evergreen						
	Cedar – Kashmir deodar	<i>Cedrus deodara</i> ‘Kashmir’	Evergreen						
	Cedar – Lebanon	<i>Cedrus libanii</i>	Evergreen						High
	Cedar – Mitch’s Blue deodar	<i>Cedrus deodara</i> ‘Mitch’s Blue’	Evergreen						
	Cedar – Virescens western red	<i>Thuja plicata</i> ‘Virescens’	Evergreen	Portland					
	Cedar – Western red	<i>Thuja plicata</i>	Evergreen	Portland	Seeds				
	Cedar – Zebrina western red	<i>Thuja plicata</i> ‘Zebrina’	Evergreen	Portland					

	Chestnut – Hybrid	<i>Castanea x mollissima</i>			Nuts				
	Chilean beech – Evergreen	<i>Nothofagus dombeyi</i>	Evergreen						
	Chilean beech – Rauli	<i>Nothofagus alpina</i> Syn. <i>N. procera</i>					Gold-Ora		
	Chilean beech – Roble	<i>Nothofagus obliqua</i>					Ora-Red		
	China-fir	<i>Cunninghamia lanceolata</i>	Evergreen						
	China-fir – Blue	<i>Cunninghamia lanceolata</i> ‘Glaucua’	Evergreen						
	Coffeetree – Kentucky	<i>Gymnocladus dioicus</i>					Yellow		Moderate
	Coffeetree – Espresso Kentucky	<i>Gymnocladus dioicus</i> ‘Espresso’					Yellow		Moderate
	Coffeetree – Prairie Titan Kentucky	<i>Gymnocladus dioicus</i> ‘J.C. McDaniel’					Yellow		Moderate
	Cypress – Bald	<i>Taxodium distichum</i>			Seeds		Orange		
	Cypress – Emerald Shadow bald	<i>Taxodium distichum</i> ‘Emerald Shadow’							
	Cypress – Gowen	<i>Cupressus goveniana</i>	Evergreen						High
	Cypress – Green Whisper bald	<i>Taxodium distichum</i> ‘JFS-SGPN’			Seeds		Orange		
	Cypress – Kashmir	<i>Cupressus cashmeriana</i>	Evergreen						
	Cypress – Mendocino	<i>Cupressus pigmaea</i>	Evergreen						High
	Cypress – Mexican	<i>Cupressus lusitanica</i>	Evergreen						High
	Cypress - Monterey	<i>Cupressus macrocarpa</i>	Evergreen						
	Cypress – Shawnee Brave bald	<i>Taxodium distichum</i> ‘Mickelson’			Seeds		Orange		
	Dawn redwood	<i>Metasequoia glyptostroboides</i>					Orange		
	Dawn redwood – Gold Rush/Ogon	<i>Metasequoia glyptostroboides</i> ‘Gold Rush’					Orange		
	Dawn redwood – Ogon or golden	<i>Metasequoia glyptostroboides</i> ‘Ogon’					Orange		
	Douglas-fir	<i>Pseudotsuga menziesii</i>	Evergreen	Portland	Seeds				
	Dove tree	<i>Davidia involucrata</i>				Spring			
	Elm – Accolade	<i>Ulmus</i> ‘Morton’					Yellow		
	Elm – Danada Charm	<i>Ulmus</i> ‘Danada’ or ‘Morton Red Tip’							
	Elm – Homestead hybrid	<i>Ulmus</i> ‘Homestead’							
	Elm – New Harmony American	<i>Ulmus americana</i> ‘New Harmony’							
	Elm - Triumph hybrid	<i>Ulmus</i> ‘Morton Glossy’							
	Emmenopterys	<i>Emmenopterys henryi</i>				Spring			
	Filbert - Turkish	<i>Corylus colurna</i>			Nuts				Moderate
	Fir – Caucasian	<i>Abies nordmanniana</i>	Evergreen		Seeds				
	Fir – Cilician	<i>Abies cilicica</i>	Evergreen		Seeds				
	Fir – Grand	<i>Abies grandis</i>	Evergreen	Portland	Seeds				Moderate
	Fir – Greek	<i>Abies cephalonica</i>	Evergreen		Seeds				
	Fir – Maries	<i>Abies mariesii</i>	Evergreen		Seeds				
	Fir – Momi	<i>Abies firma</i>	Evergreen						
	Fir – Nikko	<i>Abies homolepis</i>	Evergreen		Seeds				
	Fir – Noble	<i>Abies procera</i>	Evergreen	Oregon	Seeds				
	Fir – Pacific silver	<i>Abies amabilis</i>	Evergreen	Oregon	Seeds				Low
	Fir – Spanish	<i>Abies pinsapo</i>	Evergreen		Seeds				
	Fir – Blue Spanish	<i>Abies pinsapo</i> ‘Glaucua’	Evergreen		Seeds				
	Fir – Subalpine	<i>Abies lasiocarpa</i>	Evergreen	Oregon	Seeds				Low
	Fir – Veitch	<i>Abies veitchii</i>	Evergreen		Seeds				
	Fir – White	<i>Abies concolor</i>	Evergreen		Seeds				Moderate

Hackberry – Common or western	<i>Celtis occidentalis</i>			Nuts			Yes	High
Hackberry – Magnifica common	<i>Celtis occidentalis</i> 'Magnifica'			Nuts			Yes	High
Hackberry – European	<i>Celtis australis</i>			Nuts				
Hackberry – Julian	<i>Celtis julianae</i>			Nuts				
Hazel – Farges'	<i>Corylus fargesii</i>						Yes	
Hazel – Turkish	<i>Corylus colurna</i>			Nuts				Moderate
Hemlock – Mountain	<i>Tsuga mertensiana</i>	Evergreen	Oregon	Seeds				
Hemlock – Southern Japanese	<i>Tsuga sieboldii</i>	Evergreen						
Hemlock – Western	<i>Tsuga heterophylla</i>	Evergreen	Portland	Seeds				
Hickory – Mockernut	<i>Carya tomentosa</i>			Nuts				
Hickory – Shellbark	<i>Carya laciniata</i>			Nuts				Low
Hickory –Shagbark	<i>Carya ovata</i>			Nuts		Yellow		
Hornbeam – European	<i>Carpinus betulus</i>							
Hornbeam – Henry	<i>Carpinus henryana</i>							
Horsechestnut – Baumann's	<i>Aesculus hippocastanum</i> 'Baumannii'			Flowers	Spring			
Incense cedar	<i>Calocedrus decurrens</i>	Evergreen	Oregon	Seeds				High
Katsura	<i>Cercidiphyllum japonicum</i>					Gold-Ora		Low
Kentucky coffeetree	<i>Gymnocladus dioica</i>					Yellow		Moderate
Kentucky coffeetree – Espresso male	<i>Gymnocladus dioica</i> 'Espresso'					Yellow		Moderate
Keteleeria – Common	<i>Keteleeria davidiana</i>	Evergreen						
Keteleeria – Foothill	<i>Keteleeria fortunei</i>	Evergreen						
Keteleeria – Longleaf	<i>Keteleeria davidiana</i> var. <i>evelyniana</i>	Evergreen						
Larch – European	<i>Larix decidua</i>			Seeds		Yellow		
Larch – Golden	<i>Pseudolarix amabilis</i>			Seeds		Ora-Yel		
Larch – Japanese	<i>Larix kaempferi</i>			Seeds		Yellow		
Larch – Tamarack	<i>Larix laricina</i>			Seeds				
Larch – Western	<i>Larix occidentalis</i>		Oregon	Seeds		Yellow		
Linden – American	<i>Tilia americana</i>			Flowers				
Linden – Littleleaf	<i>Tilia cordata</i>			Flowers				
Linden – Silver	<i>Tilia tomentosa</i>			Flowers				Moderate
Lithocarpus – Henry's	<i>Lithocarpus henryi</i>	Evergreen		Acorns				
Madrone	<i>Arbutus menziesii</i>	Evergreen	Portland	Flowers/ Fruits	Spring		Yes	
Magnolia – Hou po	<i>Magnolia officinalis</i>			Seeds	Spring			
Magnolia – Southern	<i>Magnolia grandiflora</i>	Evergreen		Seeds	Summer			
Maple – Bigleaf	<i>Acer macrophyllum</i>		Portland	Seeds				Moderate
Maple – Bigtooth	<i>Acer grandidentatum</i>							Moderate
Maple – Greencolumn black	<i>Acer nigrum</i> 'Greencolumn'							
Maple – Marmo	<i>Acer x freemanii</i> 'Marmo'					Ora-Red		
Maple – Rugged Ridge miyabei	<i>Acer miyabei</i> 'Rugged Ridge'					Yellow		
Monkey puzzle	<i>Araucaria araucana</i>	Evergreen						
Nutmeg yew – Chinese	<i>Torreya grandis</i>	Evergreen						
Oak – American Dream swamp	<i>Quercus bicolor</i> 'JFS-KW12'			Acorns				

	white								
	Oak – Basket	<i>Quercus michauxii</i>			Acorns				
	Oak – Black	<i>Quercus velutina</i>			Acorns				
	Oak – Bur	<i>Quercus macrocarpa</i>			Acorns	Yellow			Moderate
	Oak – California black	<i>Quercus kelloggii</i>			Acorns				Moderate
	Oak – Canyon live oak	<i>Quercus chrysolepis</i>	Evergreen	Oregon	Acorns				High
	Oak – Chestnut	<i>Quercus prinus</i>			Acorns	Yellow			
	Oak – Chestnutleaf	<i>Quercus castaneifolia</i>			Acorns				
	Oak – Cobblestone	<i>Quercus macrocarpa</i> 'JFS-KW14'			Acorns	Yellow			
	Oak – Forest Knight hybrid	<i>Quercus x</i> 'Tabor'			Acorns				
	Oak – Heritage hybrid	<i>Quercus x</i> 'Clemons'			Acorns	Yellow			
	Oak – Holly	<i>Quercus ilex</i>	Evergreen		Acorns				High
	Oak – Interior live	<i>Quercus wislizeni</i>	Evergreen		Acorns				High
	Oak – Live	<i>Quercus virginiana</i>	Evergreen		Acorns				
	Oak – Northern pin oak	<i>Quercus ellipsoidalis</i>			Acorns	Red-Ora			
	Oak – Oracle	<i>Quercus x moreha</i> (hybrid between <i>Q. kelloggii</i> and <i>Q. wislizenii</i>)		Oregon	Acorns				
	Oak – Oregon white	<i>Quercus garryana</i>		Portland	Acorns				High
	Oak – Pin	<i>Quercus palustris</i>			Acorns	Red-Ora			
	Oak – Red	<i>Quercus rubra</i>			Acorns				
	Oak – Scarlet	<i>Quercus coccinea</i>			Acorns	Red			Moderate
	Oak – Sessile	<i>Quercus petraea</i>			Acorns				
	Oak – Shingle	<i>Quercus imbricaria</i>			Acorns				
	Oak – Shumard	<i>Quercus shumardii</i>			Acorns	Red			Moderate
	Oak – Swamp white	<i>Quercus bicolor</i>			Acorns				
	Oak – Turkey	<i>Quercus cerris</i>			Acorns				
	Oak – Valley	<i>Quercus lobata</i>			Acorns				Moderate
	Oak – White	<i>Quercus alba</i>			Acorns	Red-Purp			Moderate
	Oak – Willow	<i>Quercus phellos</i>			Acorns	Gold-Ora			Low
	Pecan	<i>Carya illinoensis</i>			Nuts				Low
	Pine – Aleppo	<i>Pinus halapensis</i>	Evergreen		Seeds				High
	Pine – Apache	<i>Pinus engelmannii</i>	Evergreen		Seeds				High
	Pine – Balkan or Macedonian	<i>Pinus peuce</i>	Evergreen		Seeds				Moderate
	Pine – Chinese red pine	<i>Pinus tabuliformis</i>	Evergreen		Seeds				
	Pine – Chinese white pine	<i>Pinus armandii</i>	Evergreen						
	Pine – Durango	<i>Pinus durangensis</i>	Evergreen		Seeds				High
	Pine – Eastern white	<i>Pinus strobus</i>	Evergreen		Seeds				Low
	Pine – Glauca Eastern white	<i>Pinus strobus</i> 'Glauca'	Evergreen		Seeds				
	Pine – Himalayan white	<i>Pinus wallichiana</i>	Evergreen		Seeds				
	Pine – Italian stone	<i>Pinus pinea</i>	Evergreen		Seeds				High
	Pine – Japanese red	<i>Pinus densiflora</i>	Evergreen		Seeds		Yes		Moderate
	Pine – Himalayan white	<i>Pinus wallichiana</i>	Evergreen		Seeds				
	Pine – Jeffrey	<i>Pinus jeffreyi</i>	Evergreen	Oregon	Seeds		Yes		High
	Pine – Limber	<i>Pinus flexilis</i>	Evergreen	Oregon	Seeds				High

Pine – Loblolly	<i>Pinus taeda</i>	Evergreen		Seeds				
Pine – Lodgepole	<i>Pinus contorta var. latifolia</i>	Evergreen	Oregon	Seeds				High
Pine – Lodgepole (Sierra Nevada)	<i>Pinus contorta var. murrayana</i>	Evergreen		Seeds				High
Pine – Longleaf	<i>Pinus palustris</i>	Evergreen		Seeds				
Pine – Macedonian	<i>Pinus peuce</i>	Evergreen		Seeds				
Pine – Mexican white pine	<i>Pinus ayacahuite</i>	Evergreen		Seeds				
Pine – Mexican weeping	<i>Pinus patula</i>	Evergreen		Seeds			Yes	Moderate
Pine – Ponderosa – Willamette Valley origin	<i>Pinus ponderosa</i>	Evergreen	Portland	Seeds			Yes	High
Pine – Ponderosa	<i>Pinus ponderosa</i>	Evergreen	Oregon	Seeds			Yes	High
Pine – Red	<i>Pinus resinosa</i>	Evergreen		Seeds			Yes	
Pine – Southwestern white	<i>Pinus strobiformis</i>	Evergreen		Seeds				
Pine – Stone (Mediterranean)	<i>Pinus pinea</i>	Evergreen						
Pine – Turkish or Calabrian	<i>Pinus brutia</i>	Evergreen		Seeds				High
Pine – Western white	<i>Pinus monticola</i>	Evergreen	Oregon	Seeds				
Planetree – London	<i>Platanus x acerifolia</i>							
Planetree – Bloodgood London	<i>Platanus x acerifolia</i> ‘Bloodgood’							
Planetree – Columbia London	<i>Platanus x acerifolia</i> ‘Columbia’							
Planetree – Yarwood London	<i>Platanus x acerifolia</i> ‘Yarwood’							
Poplar - Black	<i>Populus trichocarpa</i>		Portland					
Redwood – Blue Aptos coastal	<i>Sequoia sempervirens</i> ‘Aptos Blue’	Evergreen					Yes	
Redwood – Coastal	<i>Sequoia sempervirens</i>	Evergreen	Oregon				Yes	
Redwood – Dawn	<i>Metasequoia glyptostroboides</i>					Orange		
Redwood – Gold Rush dawn	<i>Metasequoia glyptostroboides</i> ‘Gold Rush’							
Redwood – Soquel coastal	<i>Sequoia sempervirens</i> ‘Soquel’	Evergreen					Yes	
Sequoia – Giant	<i>Sequoiadendron giganteum</i>	Evergreen		Seeds			Yes	
Spruce – Brewer’s	<i>Picea breweriana</i>	Evergreen	Oregon	Seeds				
Spruce – Dragon	<i>Picea asperata</i>	Evergreen		Seeds				
Spruce – Korean	<i>Picea koraiensis</i>	Evergreen		Seeds				
Spruce – Lijiang purple-coned	<i>Picea likiangensis</i> var. <i>purpurea</i>	Evergreen		Seeds				
Spruce – Morinda	<i>Picea smithiana</i>	Evergreen		Seeds				
Spruce – Northern Sargent	<i>Picea brachytyla</i>	Evergreen		Seeds				
Spruce – Norway	<i>Picea abies</i>	Evergreen		Seeds				Moderate
Spruce – Oriental	<i>Picea orientalis</i>	Evergreen		Seeds				
Spruce – Red	<i>Picea rubens</i>	Evergreen		Seeds				Moderate
Spruce – Sargent	<i>Picea brachytyla</i>	Evergreen		Seeds				
Spruce – Serbian	<i>Picea omorika</i>	Evergreen		Seeds				
Spruce – Sitka	<i>Picea sitchensis</i>	Evergreen	Oregon	Seeds				Low
Spruce – Tigertail	<i>Picea torana</i>	Evergreen		Seeds				
Spruce – Yezo	<i>Picea jezoensis</i>	Evergreen		Seeds				
Sweetgum - American	<i>Liquidambar styraciflua</i>							
Sweetgum – Fruitless American	<i>Liquidambar styraciflua</i> ‘Rotundiloba’							
Sweetgum – Formosan	<i>Liquidambar formosana</i>							
Sweetgum – Afterglow Formosan	<i>Liquidambar formosana</i> ‘Afterglow’							

Taiwania or Taiwan redwood	<i>Taiwania cryptomerioides</i>	Evergreen						
Tanoak – Henry	<i>Lithocarpus henryi</i>	Evergreen		Acorns				
Tanoak or Tanbark oak	<i>Lithocarpus densiflorus</i>	Evergreen	Oregon	Acorns				High
Tulip tree – American	<i>Liriodendron tulipifera</i>			Flowers				Low
Tulip tree- Chinese	<i>Liriodendron chinensis</i>			Flowers				
Tulip tree – Columnar American	<i>Liriodendron tulipifera</i> ‘Fastigiata’			Flowers				Low
Walnut - Black	<i>Juglans nigra</i>			Nuts				Low
Walnut – Carpathian English	<i>Juglans regia</i> ‘Carpathian’			Nuts				
Wollemia	<i>Wollemia nobilis</i>	Evergreen						
Zelkova –Japanese	<i>Zelkova serrata</i>						Yes	
Zelkova –Green Vase Japanese	<i>Zelkova serrata</i> ‘Green Vase’						Yes	
Zelkova –Musashino	<i>Zelkova serrata</i> ‘Musashino’						Yes	
Zelkova – Schneider’s	<i>Zelkova schneideriana</i>						Yes	

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