



**CITY OF  
TUMWATER  
TREE BOARD  
MEETING AGENDA**

**Online via Zoom and In Person at  
Tumwater Fire Department  
Headquarters, Training Room, 311 Israel  
Rd. SW, Tumwater, WA 98501**

**Monday, February 10, 2025  
7:00 PM**

1. Call to Order
2. Roll Call
3. Changes to Agenda
4. Tree Board Member Reports
5. Manager's Report
6. Public Comment
7. Arbor Day discussion
8. Discussion of draft street tree list
9. Next Meeting Date - 03/10/2025
  - a. Draft 2025 Tree Board meeting schedule
10. Adjourn

**Meeting Information**

The public are welcome to attend in person, by telephone or online via Zoom.

**Watch Online**

[https://us02web.zoom.us/webinar/register/WN\\_OompoLilQI-y14PhKiZ6NA](https://us02web.zoom.us/webinar/register/WN_OompoLilQI-y14PhKiZ6NA)

**Listen by Telephone**

Call (253) 215-8782, listen for the prompts and enter the Webinar ID 841 8713 1865 and Passcode 295023.

**Public Comment**

The public is invited to attend the hearing and offer comment. The public may register in advance for this webinar to provide comment: [https://us02web.zoom.us/webinar/register/WN\\_OompoLilQI-y14PhKiZ6NA](https://us02web.zoom.us/webinar/register/WN_OompoLilQI-y14PhKiZ6NA)

After registering, you will receive a confirmation email containing information about joining the webinar.

The public may also submit comments prior to the meeting by sending an email to:

[AJonesWood@ci.tumwater.wa.us](mailto:AJonesWood@ci.tumwater.wa.us). Please send the comments by 1:00 p.m. on the date of the meeting. Comments are submitted directly to the Commission/Board Members and will not be read individually into the record of the meeting.

If you have any questions, please contact Sustainability Manager Alyssa Jones Wood at (360) 754-4140 or [AJonesWood@ci.tumwater.wa.us](mailto:AJonesWood@ci.tumwater.wa.us).

### **Post Meeting**

Video of this meeting will be recorded and posted on our City Meeting page: <https://tumwater-wa.municodemeetings.com>.

### **Accommodations**

The City of Tumwater takes pride in ensuring that people with disabilities are able to take part in, and benefit from, the range of public programs, services, and activities offered by the City. To request an accommodation or alternate format of communication, please contact the City's ADA Coordinator directly, call (360) 754-4129 or email [ADACoordinator@ci.tumwater.wa.us](mailto:ADACoordinator@ci.tumwater.wa.us). For vision or hearing impaired services, please contact the Washington State Relay Services at 7-1-1 or 1-(800)-833-6384.

### **What is the Tree Board?**

The Tumwater Tree Board is a citizen advisory board that is appointed by and advisory to the City Council on urban forestry issues, including drafting and revising a comprehensive tree protection plan or ordinance, or any other tree matter. Actions by the Tree Board are not final decisions; they are Board recommendations to the City Council who must ultimately make the final decision. If you have any questions or suggestions on ways the Tree Board can serve you better, please contact the Community Development Department at (360) 754-4180.

TO: Tree Board  
FROM: Alyssa Jones Wood, Sustainability Manager  
DATE: February 10, 2025  
SUBJECT: Arbor Day Discussion

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1) Recommended Action:

Provide guidance on details and questions regarding the 2025 Arbor Day celebration.

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2) Background:

Similar to the 2024 Arbor Day celebration, the City's 2025 Arbor Day celebration will be a joint event with the Parks & Recreation Department's Earth Day Celebration. Some details need to be discussed in order to move forward with planning.

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3) Alternatives:

☐ Postpone this action to the Tree Board's March 10, 2025 meeting.

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4) Attachments:

- A. Arbor Day Memorandum
- B. Draft Arbor Day Proclamation

# STAFF REPORT



Date: February 10, 2025

To: Tree Board

From: Alyssa Jones Wood, Sustainability Manager

## 2025 Arbor Day Memorandum

### Issue

The Tree Board is planning for the City of Tumwater 2025 Arbor Day Celebration and this memorandum discusses actions to consider while preparing for it, specifically the plant species to give away and the proclamation language.

### Background

The Mayor and City Council will make their annual Arbor Day Proclamation as a special item at their Tuesday, April 15, 2025, regular meeting.

The City of Tumwater 2025 Earth Day and Arbor Day Celebration will be Saturday, April 19, 2025, at Tumwater Historical Park. The event will be held from 10 a.m. to 1 p.m.

Set up for the Arbor Day event will begin at 9:00 AM at the large picnic shelter. Parks and Recreation Department staff will help with setting up the tables and hanging banners. We will be able to use the front of the picnic shelter with a couple of picnic tables for the Tree Board materials.

The Sustainability Manager will send the City Communications staff an updated event description and will ask them to contact the School District to advertise.

The Tree Board has a budget of up to \$1,000 for this event.

At the event, residents can take home Arbor Day memorabilia, free native plant seedlings for the first sixty to one hundred people and have the opportunity to ask tree professionals about the proper care and planning of trees.

The Arbor Day celebrations are also intended to raise awareness of the Urban Forestry Management Plan (UFMP). We will have a UFMP brochure available.

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The City Communications Department will publicize the event.

### Actions for the Tree Board to consider

1. Decide on what will be done at the event:
  - a. Decide on the plant species to offer.
  - b. Determine what vendors may be able to provide more resilient stock based on the recent climate change vulnerability presentation provided to the Tree Board.
2. Review the draft Arbor Day Proclamation.
3. Work out volunteer staffing by the Tree Board for the event.
4. Potential Tree Planting in coordination with other Parks & Recreation Department activities.

### Schedule

- Monday, February 10, 2025: Tree Board initial discussion of Arbor Day event.
- February 2025: Sustainability Manager orders plants and any additional materials needed for handouts.
- March 2025: Sustainability Manager to schedule public outreach for the event with City Communications and Parks and Recreation Staff.
- Monday, March 10, 2025: Tree Board reviews and finalizes handout with plant information.
- Monday, April 14, 2025: Tree Board discussion of final details for the Arbor Day event.
- Tuesday, April 15, 2025: City Council approves Arbor Day proclamation.
- Saturday, April 19, 2025: Earth Day and Arbor Day event.

# Proclamation

WHEREAS, in 1872, J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees; and

WHEREAS, this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska; and

WHEREAS, Arbor Day is now observed throughout the world; and

WHEREAS, trees reduce the erosion of our precious topsoil by wind and water, cut heating and cooling costs, moderate the temperature, clean the air, produce oxygen, provide habitat for wildlife, and are a source of joy and spiritual renewal; and

WHEREAS, trees are a renewable resource providing paper, wood to build our homes, and countless other valuable and necessary products; and

WHEREAS, trees increase property values, enhance the economic vitality of business areas, and beautify our community; and

WHEREAS, since 1995, the City of Tumwater has been recognized by the National Arbor Day Foundation as a Tree City USA; and

WHEREAS, the City has begun implementation of the *Urban Forestry Management Plan*, which guides the growth, protection, and maintenance of the City's community and urban forest and to encourage "the right tree in the right place"; and

WHEREAS, the City of Tumwater will celebrate Arbor Day with a free event on Saturday, April 19, 2025, from 10:00 a.m. to 1:00 p.m. at Tumwater Historical Park. At this event, residents can take home Arbor Day memorabilia, free potted native plants for the first one hundred people, and have the opportunity to ask a professional forester, landscape architect, or horticulturalists about the proper planting of and care for plants.

NOW, THEREFORE, I, Debbie Sullivan, Mayor of the City of Tumwater, do hereby proclaim

*Arbor Day*  
*April 19, 2025*

FURTHER, I encourage all people in the City of Tumwater to participate in our Arbor Day and Earth Day celebrations and support efforts to protect our trees and woodlands.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the City of Tumwater to be affixed at the City Hall, this 15<sup>th</sup> day of April, in the year, two thousand and twenty-five.

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Debbie Sullivan  
Mayor

TO: Tree Board  
FROM: Alyssa Jones Wood, Sustainability Manager  
DATE: February 10, 2025  
SUBJECT: Draft Street Tree List

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1) Recommended Action:

Review and discuss the most recent draft of the street tree list. Provide feedback.

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2) Background:

The City Council adopted the Urban Forestry Management Plan (UFMP) on March 2, 2021, by Ordinance No. 2020-004. The UFMP includes the following actions relevant to this item:

**Objective 3.3 Action A.** Develop the recommended City Street tree and Landscaping Tree lists based on local experience.

**Objective 4.1 Action D.** Review tree preservation, landscaping, and street tree regulations regularly to ensure that they are working with other City strategic priorities, plans, and regulations, responding to changes in climate, and implementing the Urban Forestry Management Plan.

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3) Alternatives:

☐ Delay conversation to a later Tree Board meeting.

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4) Attachments:

- A. Staff Report
- B. Draft Street Tree List
- C. Jim Sedore's Tool

# STAFF REPORT



Date: February 10, 2025

To: Tree Board

From: Alyssa Jones Wood, Sustainability Manager

## Draft Street Tree List

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### Background

At the January 2025 Tree Board meeting the Tree Board requested to review and discuss the most recent draft of the approved street tree list at its next meeting.

The City Council adopted the Urban Forestry Management Plan (UFMP) on March 2, 2021, by Ordinance No. 2020-004. The UFMP includes the following actions relevant to this item:

- **Objective 3.3 Action A.** Develop the recommended City Street tree and Landscaping Tree lists based on local experience.
- **Objective 4.1 Action D.** Review tree preservation, landscaping, and street tree regulations regularly to ensure that they are working with other City strategic priorities, plans, and regulations, responding to changes in climate, and implementing the Urban Forestry Management Plan.

The current City of Tumwater Approved Street Tree list is available on [the City website](#). The draft Street Tree list being discussed today is just that, an unofficial draft of potential changes for discussion.

### Timeline

#### February 2023

On February 27, 2023 the City held a stakeholder meeting related to the City street tree code (TMC 12.24). [Slides](#) and [Zoom recording](#) of the meeting are available.

#### March 2023

A second stakeholder meeting related to the City street tree code (TMC 12.24) was held on March 20, 2023. [Slides](#) and [Zoom recording](#) of the meeting are available.



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Staff received a draft street tree list and Street Tree Ordinance/Plan Gap Analysis from their consultants in March 2023 as part of the process to update the Tumwater Municipal Code Chapter 12.24 Street Trees.

#### April 2023

On April 17, 2023 a third stakeholder meeting was held related to the City street tree code (TMC 12.24). A [Zoom recording](#) is available.

#### May/June 2023

City staff formally paused all work on tree code amendments, including TMC 12.24 to pivot focus on advocacy for changes to the Washington Wildland-Urban Interface Code.

#### November 2023

On November 13, 2023 Evergreen State College Intern Amita Devarajan presented their work completed in the previous quarter to the Tree Board. Amita's work focused on cross-referencing the draft street tree list with a report titled "Climate Change Vulnerability of Urban Trees, Puget Sound Region, Washington." The street tree list provided by the consultant to staff in March was then reduced considering the findings from Amita's work.

#### March 2024

The City Tree Inventory and Maintenance Plan was presented to the Tree Board. The report noted that no single species should represent greater than 10% of the total population and no single genus more than 20% (Santamour, 1990). Norway maple and maples exceed this best practice. The report asserted that to increase species diversity and promote greater resilience in the overall resource, future plantings should reduce reliance on species of maple trees.

#### April 2024

Following staff training on the Principles of Urban Forestry, field and operations staff suggested edits focused on removing species or cultivars of trees that staff have struggled with on the ground.

#### May 2024

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That refined draft street tree list was then provided to Washington Department of Natural Resources (DNR) Urban and Community Forest program staff for comments. DNR staff suggested:

- Considering adding *Magnolia grandiflora*;
- Remove Ash trees from the list;
- Adding a column for high-voltage-friendly/not high-voltage-friendly trees; and
- Removing all maples except *Acer macrophyllum*, *Acer buergeranum*, *Acer glabrum*, and *Acer tataricum*.

#### January 2025

The City Council approved the Community Development Department (CDD) workplan, which included re-starting work on one (TMC 16.08 Tree and Vegetation Protection) of the three tree codes previously being worked on. The CDD has not been authorized to re-start work on the TMC 12.24 amendments, but CDD staff have advised that Water Resources & Sustainability or Transportation & Engineering Staff should be able to amend the Street Tree list administratively. Staff time has not explicitly been budgeted for this item, so progress on those administrative changes will be as staff capacity allows.

On January 13, 2025. Washington House Bill 1254 “Implementing the International Wildland Urban Interface Code” was introduced. City staff are working with the Association for Washington Cities again to reemphasize the requests made last year on this topic.

# **CITY OF TUMWATER** **DRAFT APPROVED STREET** **TREE AND RIGHT-OF-WAY**

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
<i>Abies grandis</i> / Grand Fir	Large Columnar	80	25	No	NA	N/A	Evergreen	Yes	Limit to unimproved ROW/greenbelt areas only. Grows well in shade. Crushed needles smell like tangerines.
<i>Acer nigrum</i> 'Green Column'/ Green Column Black Sugar Maple	Large Columnar	50	40	No	8	Yellow	Yellow	No	
<i>Calocedrus decurrens</i> / Incense Cedar	Large Columnar	60	20	No	6	N/A	Evergreen	No	Use in unimproved ROW/greenbelt areas and native plantings instead of Western red cedar (more tolerant of changing climate conditions).
<i>Ginkgo biloba</i> / Maidenhair Tree	Large Columnar	65	30	No	8	N/A	Yellow	No	Choose male cultivars to avoid fruit production. Tolerates urban conditions and is very durable. Transplants easily.
<i>Metasequoia glyptostroboides</i> / Dawn Redwood	Large Columnar	50	25	No	10	N/A	Brown-Orange	No	Deciduous conifer. Generally columnar in form.
<i>Nyssa sylvatica</i> / Tupelo	Large Columnar	60	20	No	8	N/A	Red	No	Select male varieties.
<i>Pinus heldreichii</i> / Bosnian Pine	Large Columnar	65	30	No	8	N/A	Evergreen	No	
<i>Pseudotsuga menziesii</i> / Douglas fir	Large Columnar	100	30	No	NA	N/A	Evergreen	Yes	Limit to unimproved ROW/greenbelt areas only. Accent tree. Special considerations apply to planting this species. Limit planting to natural areas only.
<i>Taxodium distichum</i> 'Mickelson'/ Shawnee Brave® Bald Cypress	Large Columnar	55	20	No	8	N/A	Brown-Orange	No	Propensity to produce "knees" in wet conditions. Deciduous conifer. Tolerates city conditions.
<i>Thuja plicata</i> / Western Red Cedar	Large Columnar	75	25	No	NA	N/A	Evergreen	Yes	Limit to unimproved ROW/greenbelt areas only. Place in north and west-facing sites. Water throughout summer to avoid drought stress even for well-established trees.
<i>Tilia cordata</i> 'Chancellor'/ Chancellor Linden	Large Columnar	50	20	No	8	Yellow	Yellow	No	
<i>Tilia cordata</i> / Littleleaf Linden	Large Columnar	50	20	No	8	Yellow	Yellow	No	
<i>Tsuga heterophylla</i> / Western Hemlock	Large Columnar	80	30	No	NA	N/A	Evergreen	Yes	Limit to unimproved ROW/greenbelt areas only.
<i>Abies pinsapo</i> / Spanish Fir	Large Spreading	50	30	No	8	N/A	Evergreen	No	Slower growing, pyramidal conifer with dark green bristly needles covering branches and twigs for an interesting visual effect.
<i>Acer freemanii</i> 'Autumn Blaze'/ Autumn Blaze Maple	Large Spreading	50	40	No	8	Yellow	Red	No	
<i>Acer macrophyllum</i> / Bigleaf Maple	Large Spreading	75	75	No	NA	White	Yellow	Yes	Limit to unimproved ROW/greenbelt areas only. Prefers a cool, moist environment.

## Notes:

- Selections should be aesthetically compatible with existing trees planted on adjacent portions of the street.
- While species on this list were selected due to their current availability, please note all trees might not be readily available. The trees listed here have been pre-approved; however, other species may be considered for approval by the Director.

# **CITY OF TUMWATER** **APPROVED STREET TREE AND** **RIGHT-OF-WAY TREE LIST**

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
<del>Acer saccharum 'Bonfire'/</del> <del>Bonfire Sugar Maple</del>	<del>Large Spreading</del>	<del>50</del>	<del>40</del>	<del>No</del>	<del>6</del>	<del>Green</del>	<del>Orange</del>	<del>No</del>	
<del>Acer saccharum 'Commemoration'/</del> <del>Commemoration Sugar Maple</del>	<del>Large Spreading</del>	<del>50</del>	<del>35</del>	<del>No</del>	<del>6</del>	<del>Green</del>	<del>Orange</del>	<del>No</del>	
<del>Acer saccharum 'Legacy'/</del> <del>Legacy Sugar Maple</del>	<del>Large Spreading</del>	<del>50</del>	<del>35</del>	<del>No</del>	<del>6</del>	<del>Green</del>	<del>Orange</del>	<del>No</del>	
Aesculus hippocastanum 'Baumannii'/ Fruitless Horsechestnut	Large Spreading	55	40	No	8	Pink	Yellow	No	
<i>Alnus rubra</i> / Red Alder	Large Spreading	50	30	No	NA	N/A	Yellow	Yes	Limit to unimproved ROW/greenbelt areas only.
Cedrus deodara/ Deodar Cedar	Large Spreading	50	35	No	10	N/A	Evergreen	No	Large, spreading evergreen. Many cultivars available. Drought tolerant. Produces cones.
Cupressus bakeri/ Baker Cypress	Large Spreading	50	35	No	6	N/A	Evergreen	No	Needs full sun and well-draining soil.
Eucommia ulmoides/ Hardy Rubber Tree	Large Spreading	50	40	No	7	N/A	Brown	No	Attractive glossy green foliage. Excellent resistance to insects and disease.
<del>Fagus sylvatica 'Asplenifolia'/</del> <del>Fernleaf Beech</del>	<del>Large Spreading</del>	<del>60</del>	<del>50</del>	<del>No</del>	<del>10</del>	<del>N/A</del>	<del>Orange</del>	<del>No</del>	
<del>Ginkgo biloba 'Emperor'/</del> <del>Emperor® Ginkgo Biloba</del>	<del>Large Spreading</del>	<del>50</del>	<del>40</del>	<del>No</del>	<del>8</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	
<del>Ginkgo biloba 'The President'/</del> <del>Presidential Gold® Ginkgo biloba</del>	<del>Large Spreading</del>	<del>50</del>	<del>40</del>	<del>No</del>	<del>8</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	<del>Slow growing but unique and elegant tree with golden yellow fall color. Fruitless cultivar. Use in larger planting strips.</del>
Gymnocladus dioicus 'Espresso'/ Espresso® Kentucky Coffeetree	Large Spreading	50	35	No	8	N/A	Yellow	No	Seedless cultivar.
Gymnocladus dioicus 'UMN Synergy'/ True North® Kentucky Coffeetree	Large Spreading	60	40	No	8	N/A	Yellow	No	
Gymnocladus dioicus/ Kentucky Coffeetree	Large Spreading	60	40	No	7	N/A	Yellow	No	
Pinus contorta var. contorta/ Shore Pine	Large Spreading	50	40	No	8	N/A	Evergreen	Yes	Grows under a variety of soil conditions. Plant in full sun.
Platanus x acerifolia 'Bloodgood'/ Bloodgood London Planetree	Large Spreading	50	40	No	10	N/A	Yellow	No	Resistant to anthracnose. Unique, peeling bark. Requires ample growing space from root to crown.
Platanus x acerifolia 'Columbia'/ Columbia London Planetree	Large Spreading	55	40	No	8	N/A	Yellow	No	Resistant to anthracnose. Unique, peeling bark. Requires ample growing space from root to crown.
Platanus x acerifolia 'Morton Circle'/ Exclamation® London Planetree	Large Spreading	55	40	No	10	N/A	Yellow	No	Resistant to anthracnose. Unique, peeling bark. Requires ample growing space from root to crown.

## Notes:

- Selections should be aesthetically compatible with existing trees planted on adjacent portions of the street.
- While species on this list were selected due to their current availability, please note all trees might not be readily available. The trees listed here have been pre-approved; however, other species may be considered for approval by the Director.

**CITY OF TUMWATER  
DRAFT APPROVED STREET  
TREE AND RIGHT-OF-WAY**

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
Platanus x acerifolia/ London Planetree	Large Spreading	50	40	No	10	N/A	Yellow	No	Choose disease resistance varieties.
Quercus alba/ White Oak	Large Spreading	50	45	No	8	N/A	Red-Brown	No	Produces acorns.
<del>Quercus bicolor/ Swamp White Oak</del>	<del>Large Spreading</del>	<del>60</del>	<del>45</del>	<del>No</del>	<del>8</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	<del>Produces acorns.</del>
Quercus coccinea/ Scarlet Oak	Large Spreading	60	40	No	8	N/A	Red	No	Produces acorns.
Quercus garryana/ Oregon Oak	Large Spreading	60	40	No	10	N/A	Yellow	Yes	Produces acorns. Does best with dry summer soil. Do not place within a lawn.
Quercus hypoleucoides/ Silverleaf Oak	Large Spreading	50	35	No	6	N/A	Evergreen	No	Produces acorns. Drought tolerant. Semi-evergreen.
Quercus ilex/ Holly Oak	Large Spreading	50	40	No	6	N/A	Evergreen	No	Produces acorns. Umbrella form. Dense canopy.
<del>Quercus imbricaria/ Shingle Oak</del>	<del>Large Spreading</del>	<del>50</del>	<del>50</del>	<del>No</del>	<del>6</del>	<del>N/A</del>	<del>Yellow-Brown</del>	<del>No</del>	<del>Produces acorns. Leaves can persist throughout the winter.</del>
Quercus macrocarpa/ Bur Oak	Large Spreading	70	45	No	8	N/A	Yellow-Brown	No	Produces acorns. Adaptable to various soil conditions. Fairly tolerant of urban conditions.
Quercus muehlenbergii/ Chinkapin Oak	Large Spreading	50	50	No	10	N/A	Yellow-Brown	No	Produces acorns.
<del>Quercus robur/ English Oak</del>	<del>Large Spreading</del>	<del>60</del>	<del>40</del>	<del>No</del>	<del>10</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	<del>Produces acorns. Large, sturdy tree. Acorns do not need dormant cold period to germinate, so can be invasive.</del>
<del>Quercus rubra/ Red Oak</del>	<del>Large Spreading</del>	<del>70</del>	<del>45</del>	<del>No</del>	<del>10</del>	<del>N/A</del>	<del>Red</del>	<del>No</del>	<del>Produces acorns. Fast growing oak that needs space.</del>
Quercus shumardii/ Shumard Oak	Large Spreading	75	55	No	8	N/A	Red-Orange	No	Produces acorns.
Quercus velutina/ Black Oak	Large Spreading	60	50	No	8	N/A	Yellow	No	Produces acorns. Performs best in moist, well-draining soil, but tolerant of clay, sandy, dry, or poor soils.
Sophora japonica/ Japanese Pagodatree	Large Spreading	60	40	No	6	White	Yellow	No	Faster growing when young. Attractive compound foliage and fragrant late summer flowers. Retains seed pods into winter.
<del>Tilia cordata 'Greenspire'/ Greenspire Linden</del>	<del>Large Spreading</del>	<del>50</del>	<del>30</del>	<del>No</del>	<del>6</del>	<del>Yellow</del>	<del>Yellow</del>	<del>No</del>	<del>Symmetrical, pyramidal form. Sometimes has structural issues due to tight branch attachments.</del>
<del>Ulmus propinqua 'JFS Bierbach'/ Emerald Sunshine® Elm</del>	<del>Large Spreading</del>	<del>50</del>	<del>35</del>	<del>No</del>	<del>8</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	<del>Requires good structural pruning to maintain form and branch strength.</del>
<del>Zelkova serrata 'Green Vase'/ Green Vase Zelkova</del>	<del>Large Spreading</del>	<del>50</del>	<del>40</del>	<del>No</del>	<del>8</del>	<del>N/A</del>	<del>Orange</del>	<del>No</del>	

## Notes:

- Selections should be aesthetically compatible with existing trees planted on adjacent portions of the street.
- While species on this list were selected due to their current availability, please note all trees might not be readily available. The trees listed here have been pre-approved; however, other species may be considered for approval by the Director.

## CITY OF TUMWATER APPROVED STREET TREE AND RIGHT-OF-WAY TREE LIST

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
<i>Carpinus betulus</i> 'Columnaris'/ Columnar European Hornbeam	Medium Columnar	35	15	No	6	N/A	Yellow	No	Narrower than 'Fastigiata.' It is highly tolerant of urban pollution and will even thrive in inner city environments. Performs best with even soil moisture.
<i>Carpinus betulus</i> 'Fastigiata'/ Pyramidal European Hornbeam	Medium Columnar	40	15	No	6	N/A	Yellow	No	
<i>Carpinus caroliniana</i> 'CCSU'/ Palisade® American Hornbeam	Medium Columnar	30	15	Yes	4	N/A	Yellow	No	
<i>Carpinus caroliniana</i> 'Uxbridge'/ Rising Fire American Hornbeam	Medium Columnar	30	15	Yes	3	N/A	Yellow	No	
<i>Halesia monticola</i> / Mountain Silverbell	Medium Columnar	45	25	No	6	White	Yellow	No	
<i>Magnolia kobus</i> 'Wada's Memory'/ <del>Wada's Memory Magnolia</del>	<del>Medium Columnar</del>	<del>40</del>	<del>20</del>	<del>No</del>	<del>6</del>	<del>White</del>	<del>Yellow</del>	<del>No</del>	<del>Avoid underplanting to minimize root damage. Not sensitive to soil type.</del>
<i>Malus</i> 'Tschonoskii'/ <del>Tschonoskii Crabapple</del>	<del>Medium Columnar</del>	<del>30</del>	<del>15</del>	<del>Yes</del>	<del>7</del>	<del>White</del>	<del>Red</del>	<del>No</del>	<del>Good resistance to apple scab, rust, and powdery mildew. Poor resistance to fireblight. Narrow in form. New growth is silvery. Rare 1/2" green apples.</del>
<i>Oxydendron arboreum</i> / Sourwood	Medium Columnar	35	12	No	6	White	Red	No	Generally columnar in growing habit.
<i>Parrotia persica</i> 'Vanessa'/ <del>Vanessa Persian Ironwood</del>	<del>Medium Columnar</del>	<del>35</del>	<del>15</del>	<del>No</del>	<del>6</del>	<del>N/A</del>	<del>Yellow- Orange-Red</del>	<del>No</del>	<del>Adaptable to a variety of moisture and soil conditions. Upright, narrow, dense cultivar. Exfoliating bark exhibits a mosaic of green, white, and brown.</del>
<i>Parrotia persica</i> / Persian Parrotia	Medium Columnar	35	20	No	6	Red	Yellow- Orange-Red	No	Adaptable to a variety of moisture and soil conditions.
<i>Pinus flexilis</i> 'Vanderwolf's Pyramid'/ Limber Pine	Medium Columnar	35	15	No	6	N/A	Evergreen	No	Smaller form, slow growing pine with blue-green foliage.
<i>Prunus sargentii</i> 'Columnaris'/ <del>Columnar Sargent Cherry</del>	<del>Medium Columnar</del>	<del>35</del>	<del>15</del>	<del>No</del>	<del>8</del>	<del>Pink</del>	<del>Yellow- Orange-Red</del>	<del>No</del>	
<i>Quercus robur</i> 'Fastigiata'/ Skyrocket Oak	Medium Columnar	45	15	No	8	N/A	Yellow	No	Produces acorns.
<i>Acer buergerianum</i> / Trident Maple	Medium Spreading	30	30	Yes	6	White	Orange	No	
<i>Acer campestre</i> 'Evelyn'/ Queen Elizabeth® Hedge Maple	Medium Spreading	40	30	No	6	Green	Yellow	No	
<i>Acer campestre</i> / Hedge Maple	Medium Spreading	40	30	No	6	Green	Yellow	No	
<i>Acer circinatum</i> / Vine Maple	Medium Spreading	25	25	Yes	NA	Red	Yellow-Red	Yes	Limit to unimproved ROW/greenbelt areas only. Prefers moist, shady situations, but tolerates sun.

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**CITY OF TUMWATER  
DRAFT APPROVED STREET  
TREE AND RIGHT-OF-WAY**

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
<i>Acer ginnala</i> 'Flame' / Flame Amur Maple	Medium Spreading	25	20	Yes	6	White	Red	No	
<i>Acer glabrum</i> / Rocky Mt. Maple	Medium Spreading	30	20	Yes	6	Green	Yellow	No	
<i>Acer grandidentatum</i> 'Schmidt' / Rocky Mt. Glow® Maple	Medium Spreading	25	20	Yes	6	Green	Orange	No	
<i>Acer griseum</i> / Paperbark Maple	Medium Spreading	30	20	Yes	6	Yellow	Red	No	Slow growing.
<i>Acer henryi</i> / Henry Maple	Medium Spreading	25	25	Yes	6	Yellow	Orange-Yellow	No	
<i>Acer miyabei</i> 'Morton' / State Street Maple	Medium Spreading	40	30	No	6	Yellow	Yellow	No	
<i>Acer saccharum</i> 'Green Mountain' / Green Mountain Sugar Maple	Medium Spreading	45	35	No	6	Green	Orange	No	
<i>Acer triflorum</i> / Three-Flower Maple	Medium Spreading	25	20	Yes	6	Yellow	Orange	No	
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Keithsform' / Norwegian Sunset® Maple	Medium Spreading	35	25	No	8	Green	Orange	No	
<i>Aesculus x carnea</i> 'Briottii' / Red Horsechestnut	Medium Spreading	30	35	Yes	6	Red	Orange	No	Produces inedible horse chestnuts. Not appropriate for plantings where canopy will extend over sidewalks.
<i>Amelanchier x grandiflora</i> 'Robin Hill' / Robin Hill Serviceberry	Medium Spreading	25	15	Yes	6	White	Orange	No	
<i>Amelanchier laevis</i> 'Lustre Allegheny' / Lustre Allegheny Serviceberry	Medium Spreading	25	18	Yes	6	White	Orange	No	
<i>Amelanchier x hybrida</i> / Cumulus Serviceberry	Medium Spreading	25	15	Yes	6	White	Orange	No	
<i>Arbutus unedo</i> 'Marina' / Strawberry Tree	Medium Spreading	25	20	Yes	6	Pink	Evergreen	No	Produces small red fruits.
<i>Betula albosinensis</i> var. <i>septentrionalis</i> / Northern Chinese Red Birch	Medium Spreading	40	35	No	6	N/A	Yellow	No	White/pink peeling bark.
<i>Carpinus betulus</i> / European Hornbeam	Medium Spreading	40	25	No	6	N/A	Yellow	No	

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# **CITY OF TUMWATER** **APPROVED STREET TREE AND** **RIGHT-OF-WAY TREE LIST**

Scientific Name/Common Name	Form	Mature Height (ft)	Spread (ft)	Under Wires	Min. Planting Strip Width (ft)	Flower Color	Fall Color	Native Tree	Comments
Carpinus caroliniana 'J.N. Upright' / Firespire® American Hornbeam	Medium Spreading	30	35	Yes	4	N/A	Yellow	No	
Carpinus caroliniana 'JFS-KW6' / Native Flame® American Hornbeam	Medium Spreading	30	25	Yes	4	N/A	Yellow	No	
Carpinus caroliniana / American Hornbeam	Medium Spreading	25	20	Yes	6	N/A	Yellow	No	
<del>Cercidiphyllum japonicum / Katsura Tree</del>	<del>Medium Spreading</del>	<del>40</del>	<del>40</del>	<del>No</del>	<del>6</del>	<del>N/A</del>	<del>Orange-Yellow</del>	<del>No</del>	<del>Select single stemmed specimens.</del>
Cornus alternifolia / Pagoda Dogwood	Medium Spreading	25	25	Yes	6	White	Red-Burgundy	No	Produces abundant 3/4" soft and colorful fruit.
Cornus controversa 'June Snow' / Giant Dogwood	Medium Spreading	30	40	Yes	7	White	Orange-Red-Purple	No	Wide, horizontal branches. Produces abundant 3/4" soft and colorful fruit.
Cornus 'Eddie's White Wonder' / Eddie's White Wonder Dogwood	Medium Spreading	30	20	Yes	6	White	Red	No	Produces abundant 3/4" soft and colorful fruit.
Cornus elwinortonii 'KN30-8' / Venus® Dogwood	Medium Spreading	25	20	Yes	7	White	Red	No	Hybrid dogwood. Disease resistant. Produces abundant 3/4" soft and colorful fruit.
Cornus elwinortonii 'KN4-43' / Starlight® Dogwood	Medium Spreading	30	20	Yes	7	White	Red	No	Hybrid dogwood. Disease resistant. Produces abundant 3/4" soft and colorful fruit.
Cornus florida / Flowering Dogwood	Medium Spreading	25	25	Yes	6	White	Red-Burgundy	No	Produces abundant 3/4" soft and colorful fruit.
<del>Cornus kousa 'Satomi' / Satomi® Dogwood</del>	<del>Medium Spreading</del>	<del>25</del>	<del>20</del>	<del>Yes</del>	<del>6</del>	<del>Pink</del>	<del>Purple-Red</del>	<del>No</del>	<del>Produces abundant 3/4" soft and colorful fruit.</del>
<del>Cornus kousa x nuttallii 'KN-43' / Starlight® Dogwood</del>	<del>Medium Spreading</del>	<del>30</del>	<del>20</del>	<del>Yes</del>	<del>7</del>	<del>White</del>	<del>Red-Orange</del>	<del>Yes</del>	<del>Native dogwood hybrid; another native dogwood hybrid is 'Venus'. Produces abundance 3/4" soft and colorful fruit.</del>
Cornus 'Rutcan' / Constellation® Dogwood	Medium Spreading	25	20	Yes	6	White	Purple-Red	No	Produces abundant 3/4" soft and colorful fruit.
Cornus 'Rutdan' / Celestial® Dogwood	Medium Spreading	25	20	Yes	6	White	Purple-Red	No	Produces abundant 3/4" soft and colorful fruit.
<del>Crataegus crus-galli 'Inermis' / Thornless Cockspur Hawthorn</del>	<del>Medium Spreading</del>	<del>25</del>	<del>30</del>	<del>Yes</del>	<del>6</del>	<del>White</del>	<del>Yellow</del>	<del>No</del>	
Davidia involucrata / Dove Tree	Medium Spreading	40	30	No	8	White	Orange	No	Large, prominent white flowers. Unique tree.
Frangula purshiana / Cascara	Medium Spreading	30	20	Yes	NA	Green	Yellow	Yes	Limit to unimproved ROW/greenbelt areas only. Fall color depends on exposure. Purplish fruit feeds many native birds.
<del>Ginkgo biloba 'Autumn Gold' / Autumn Gold Ginkgo</del>	<del>Medium Spreading</del>	<del>45</del>	<del>35</del>	<del>No</del>	<del>6</del>	<del>N/A</del>	<del>Yellow</del>	<del>No</del>	

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Ginkgo biloba 'Halka' / Halka Ginkgo Biloba	Medium Spreading	40	35	No	6	N/A	Yellow	No	Slow growing but unique and elegant tree with golden yellow fall color. Fruitless cultivar. Use in small planting strips.
Ginkgo biloba 'JFS UGA2' / Golden Colonade® Ginkgo Biloba	Medium Spreading	40	25	No	6	N/A	Yellow	No	
Ginkgo biloba 'Maygar' / Maygar Ginkgo Biloba	Medium Spreading	45	35	No	6	N/A	Yellow	No	Slow growing but unique and elegant tree with golden yellow fall color. Fruitless cultivar. Use in small planting strips.
Ginkgo biloba 'Saratoga' / Saratoga Ginkgo Biloba	Medium Spreading	35	25	No	6	N/A	Yellow	No	Slow growing but unique and elegant tree with golden yellow fall color. Fruitless cultivar. Use in small planting strips.
Ginkgo biloba 'Shangri-La' / Shangri-La Ginkgo Biloba	Medium Spreading	45	35	No	6	N/A	Yellow	No	
Gleditsia triacanthos 'Christie' / Halka® Honeylocust	Medium Spreading	45	40	No	7	N/A	Yellow	No	Fast growing, thornless cultivar. Very tolerant of poor soils. Cultivar produces seed pods.
Gleditsia triacanthos 'Shademaster' / Shademaster® Honeylocust	Medium Spreading	45	40	No	7	N/A	Yellow	No	Fast growing, thornless cultivar. Very tolerant of poor soils. Does not produce seed pods.
Gleditsia triacanthos 'Skyline' / Skyline® Honeylocust	Medium Spreading	45	40	No	8	N/A	Yellow	No	Fast growing, thornless cultivar. Very tolerant of poor soils. Cultivar is almost seedless.
Halesia tetraptera / Carolina Silverbell	Medium Spreading	35	30	No	6	White	Yellow	No	
Koelreuteria paniculata / Goldenrain Tree	Medium Spreading	30	30	Yes	6	Yellow	Orange	No	Can have weak branch attachments. Lantern shaped seed pods.
Maackia amurensis / Amur Maackia	Medium Spreading	30	20	Yes	6	White	Yellow-Orange	No	Several cultivars available.
Magnolia denudata / Yulan Magnolia	Medium Spreading	40	40	No	8	White	Yellow-Brown	No	Avoid underplanting to minimize root damage.
Magnolia grandiflora 'Victoria' / Victoria Evergreen Magnolia	Medium Spreading	25	20	Yes	6	White	Evergreen	No	Avoid underplanting to minimize root damage.
Magnolia x 'Elizabeth' / Elizabeth Magnolia	Medium Spreading	30	20	Yes	6	Yellow	Yellow	No	Avoid underplanting to minimize root damage.
Magnolia x 'Galaxy' / Galaxy Magnolia	Medium Spreading	25	25	Yes	6	Pink	Yellow	No	Avoid underplanting to minimize root damage.
Magnolia x soulangeana 'Rustica Rubra' / Rustica Rubra Saucer Magnolia	Medium Spreading	25	20	Yes	6	Pink	Yellow	No	Mounded form. Plant in an area protected from strong winds to preserve flowers. Performs best with regular summer water. Avoid underplanting to minimize root damage.
Malus 'Donald Wyman' / Donald Wyman Crabapple	Medium Spreading	25	25	Yes	6	White	Yellow	No	

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## CITY OF TUMWATER APPROVED STREET TREE AND RIGHT-OF-WAY TREE LIST

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Nyssa sylvatica 'David Odom' / Afterburner® Black Tupelo	Medium Spreading	40	25	No	6	N/A	Red	No	
Nyssa sylvatica 'Firestarter' / Firestarter® Black Tupelo	Medium Spreading	40	25	No	6	N/A	Red-Orange	No	
Nyssa sylvatica 'Haymanred' / Red Rage® Black Tupelo	Medium Spreading	40	25	No	6	N/A	Red	No	
Nyssa sylvatica 'JFS-PN Legacy1' / Gum Drop® Tupelo	Medium Spreading	30	20	Yes	6	N/A	Red	No	A compact, upright. Glossy dark green leaves turn bright red in autumn leaves. Fruitless cultivar.
Nyssa sylvatica 'Sheri's Cloud' / Sheri's Cloud Black Tupelo	Medium Spreading	40	25	No	6	N/A	Red	No	Great street tree with glossy green leaves and brilliant deep red and bright orange fall foliage.
Nyssa sylvatica 'Wildfire' / Wildfire Black Tupelo	Medium Spreading	40	25	No	6	N/A	Red	No	
Ostrya virginiana / Ironwood / American Hophornbeam	Medium Spreading	40	25	No	8	N/A	Yellow	No	
Parrotia persica 'Inge' / Ruby Vase® Persian Ironwood	Medium Spreading	30	20	Yes	6	N/A	Yellow—Orange-Red	No	Adaptable to a variety of moisture and soil conditions. Upright and narrower than the species, this cultivar features dark green summer foliage that begins the season with red tipped new growth and finishes with bright fall color.
Pistacia chinensis / Chinese Pistache	Medium Spreading	35	25	No	6	N/A	Orange-Red	No	
Prunus x yedoensis 'Akebono' / Akebono Flowering Cherry	Medium Spreading	25	25	Yes	6	Pink	Yellow-Orange-Red	No	
Pterostyrax hispida / Fragrant Epaulette Tree	Medium Spreading	40	30	No	6	White	Yellow	No	
Sophora japonica 'Regent' / Japanese Pagodatree	Medium Spreading	45	40	No	8	White	Yellow	No	Has a rapid growth rate and tolerates city conditions, heat, and drought. Retains seed pods into winter.
Sorbus alnifolia / Korean Mountain Ash	Medium Spreading	35	30	No	6	White	Orange-Red	No	Pink/red fruit in clusters.
Sorbus x hybrida / Oakleaf Royal Mt. Ash	Medium Spreading	30	20	Yes	6	White	Orange-Red	No	
Stewartia monodelpha / Orange Bark Stewartia	Medium Spreading	30	20	Yes	7	White	Orange-Red	No	Extraordinary cinnamon-colored bark. Avoid hot, dry sites.
Stewartia pseudocamellia / Japanese Stewartia	Medium Spreading	30	25	Yes	7	White	Orange-Red	No	
Styrax japonica / Japanese Snowbell	Medium Spreading	30	25	Yes	6	White	Yellow	No	Plant this graceful tree in full sun to partial shade. It does best in a moist, acidic, well-drained organic soil.

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<i>Styrax japonicus</i> 'Emeral Pagoda'/ Emerald Pagoda Japanese Snowbell	Medium Spreading	25	20	Yes	6	White	Yellow	No	
<i>Styrax japonicus</i> 'JFS-E' / Snow Charm® Japanese Snowbell	Medium Spreading	25	20	Yes	6	White	Yellow	No	Fragrant light pink or white flowers appear in late spring to early summer, and produce small white fruits.
<i>Styrax japonicus</i> 'Pink Chimes'/ Pink Chimes Japanese Snowbell	Medium Spreading	25	20	Yes	6	Pink	Yellow	No	
<i>Styrax obassia</i> / Fragrant <i>Styrax</i>	Medium Spreading	25	20	Yes	6	White	Yellow	No	
<i>Tilia cordata</i> 'De Groot'/ De Groot Littleleaf Linden	Medium Spreading	30	20	Yes	6	Yellow	Yellow	No	
<i>Tilia tomentosa</i> 'Sterling'/ Silver Linden	Medium Spreading	45	30	No	8	N/A	Yellow	No	
<i>Ulmus parvifolia</i> 'Emer II'/ Allee Elm	Medium Spreading	45	35	No	8	N/A	Yellow	No	Requires good structural pruning to maintain form and branch strength.
<i>Ulmus</i> x 'Frontier'/ Frontier Elm	Medium Spreading	40	30	No	7	N/A	Purple-Red	No	Resistant to Dutch elm disease. Requires structure pruning to maintain form and branch strength.
x <i>Chitalpa tashkentensis</i> 'Pink Dawn'/ Chitalpa	Medium Spreading	35	30	No	6	Pink	Yellow	No	
<i>Zelkova serrata</i> 'Halka'/ Halka Zelkova	Medium Spreading	45	30	No	8	N/A	Yellow	No	Wide, open, loose, irregular habit, "best American elm mimic."
<i>Zelkova serrata</i> 'JFS KW1'/ City Sprite® Japanese Zelkova	Medium Spreading	25	20	Yes	6	N/A	Orange-Yellow	No	
<i>Zelkova serrata</i> 'Schmidtlow'/ Wireless® Japanese Zelkova	Medium Spreading	25	35	Yes	6	N/A	Red	No	Compact, dense tree grows well in tight spaces. Leaves turn brilliant orange, bronze, red, and purple in the fall.
<i>Zelkova serrata</i> 'Village Green'/ Village Green Zelkova	Medium Spreading	40	40	No	6	N/A	Red	No	
<i>Azara microphylla</i> / Boxleaf Azara	Small Columnar	18	10	Yes	6	Yellow	Evergreen	No	Multi-stemmed small tree. Use as accent where open sight lines are not necessary.
<i>Malus</i> 'Adirondack'/ Adirondack Crabapple	Small Columnar	20	10	Yes	6	White	Yellow	No	Strongly upright vase shape. Drought tolerant once established.
<i>Malus</i> 'Red Barron'/ Red Barron Crabapple	Small Columnar	20	10	Yes	6	Pink	Orange	No	
<i>Prunus serrulata</i> 'Amanogawa'/ Amanogawa Flowering Cherry	Small Columnar	20	8	Yes	6	White	Orange	No	Narrow upright cultivar; performs best in a sheltered location.

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<del>Sorbus americana 'Dwarf Crown' / Red Cascade Mountain Ash</del>	<del>Small Columnar</del>	<del>20</del>	<del>10</del>	<del>Yes</del>	<del>6</del>	<del>White</del>	<del>Orange-Red</del>	<del>No</del>	<del>Produces bright red fruit in clusters.</del>
<del>Acer ginnala / Amur Maple</del>	<del>Small Spreading</del>	<del>20</del>	<del>20</del>	<del>Yes</del>	<del>6</del>	<del>White</del>	<del>Red</del>	<del>No</del>	
<del>Acer palmatum / Japanese Maple</del>	<del>Small Spreading</del>	<del>20</del>	<del>25</del>	<del>Yes</del>	<del>6</del>	<del>Yellow-Red</del>	<del>Yellow-Red</del>	<del>No</del>	
Acer tataricum / Tatarian Maple	Small Spreading	20	20	Yes	6	Cream	Orange	No	Sun to part shade. Adaptable. Tolerant of drought. Performs best in well-drained soil. Bright red samaras.
Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Serviceberry	Small Spreading	20	15	Yes	6	White	Orange	No	
Amelanchier x grandiflora 'Princess Diana' / Princess Diana Serviceberry	Small Spreading	20	15	Yes	6	White	Orange	No	
Carpinus japonica / Japanese Hornbeam	Small Spreading	20	25	Yes	6	N/A	Yellow	No	
Chionanthus retusus / Chinese Fringetree	Small Spreading	20	25	Yes	6	White	Yellow	No	
Cornus 'Aurora' / Aurora® Dogwood	Small Spreading	18	18	Yes	6	White	Purple	No	Produces abundant 3/4" soft and colorful fruit.
<del>Cornus kousa 'Chinensis' / Kousa Dogwood</del>	<del>Small Spreading</del>	<del>20</del>	<del>20</del>	<del>Yes</del>	<del>6</del>	<del>White</del>	<del>Red</del>	<del>No</del>	<del>Produces abundant 3/4" soft and colorful fruit.</del>
<del>Crataegus laevigata 'Crimson Cloud' / Crimson Cloud Hawthorn</del>	<del>Small Spreading</del>	<del>20</del>	<del>20</del>	<del>Yes</del>	<del>6</del>	<del>Red</del>	<del>Yellow</del>	<del>No</del>	<del>This is an outstanding tree for urban planting.</del>
Crataegus x lavalii / Lavalie Hawthorne	Small Spreading	20	20	Yes	6	White	Orange	No	
Lagerstroemia indica x fauriei / Hybrid Crape Myrtle	Small Spreading	20	20	Yes	6	Pink-Purple	Orange	No	
Lagerstroemia indica x fauriei 'Muskogee' / Muskogee Crape Myrtle	Small Spreading	20	20	Yes	6	Pink-Purple	Orange	No	
Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle	Small Spreading	20	20	Yes	6	White	Orange	No	

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Lagerstroemia indica x fauriei 'Tuscarora' / Tuscarora Hybrid Crape Myrtle	Small Spreading	20	20	Yes	6	Pink	Orange-Red	No	
Magnolia x loebneri / Loebner Magnolia	Small Spreading	20	20	Yes	6	White	Yellow	No	Avoid underplanting to minimize root damage.
Malus 'Golden Raindrops' / Golden Raindrops® Crabapple	Small Spreading	20	15	Yes	6	White	Yellow	No	
Malus 'JFS KW214MX' P.A.F. / Ivory Spear® Crabapple	Small Spreading	20	15	Yes	6	White	Yellow	No	
Malus 'Lancelot' ('Lanzam') / Lancelot® Crabapple	Small Spreading	15	15	Yes	6	White	Yellow	No	
Malus spp. / Hybrid Crabapple	Small Spreading	20	15	Yes	6	White	Yellow	No	
Pinus densiflora 'Umbraculifera' / Dwarf Japanese Red Pine	Small Spreading	20	25	Yes	8	N/A	Evergreen	No	Accent tree. Unique bark.
Syringa pekinensis 'DTR 124' / Summer Charm® Tree Lilac	Small Spreading	20	15	Yes	6	White-Yellow	Yellow	No	Large sprays of fragrant white-yellow flowers appear in late spring to early summer. Exfoliating bark extends seasonal interest.
Syringa pekinensis 'Morton' / China Snow Tree Lilac	Small Spreading	20	20	Yes	6	White	Yellow	No	
Syringa pekinensis 'WFH2' / Great Wall® Tree Lilac	Small Spreading	20	20	Yes	6	White-Yellow	Yellow	No	
Syringa pekinensis 'Zhang Zhiming' / Beijing Gold Tree Lilac	Small Spreading	20	20	Yes	6	White	Yellow	No	
Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	Small Spreading	20	15	Yes	6	White	Yellow	No	
Tilia cordata 'Halka' / Summer Sprite® Linden	Small Spreading	20	15	Yes	6	Yellow	Yellow	No	A small-form cultivar with glossy green, heart-shaped leaves. Tiny, yellow, fragrant flowers appear in early summer.

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## Appendix C

### PROHIBITED TREE LIST

SCIENTIFIC NAME	COMMON NAME
<i>Acer negundo</i>	Box Elder
<i>Acer saccharinum</i>	Silver Maple
<i>Ailanthus altissima</i>	Tree of Heaven
<i>Crataegus monogyna</i>	Common Hawthorn
<i>Ilex aquifolium</i>	English Holly
<i>Malus spp.</i>	Apple (fruiting varieites)
<i>Paulownia tomentosa</i>	Empress Tree
<i>Populus spp.</i>	Poplar
<i>Prunus avium</i>	Bird Cherry
<i>Prunus laurocerasus</i>	Cherry Laurel
<i>Prunus lusitanica</i>	Portuguese Laurel Cherry
<i>Prunus spp.</i>	Cherry, Plum (fruiting varieites)
<i>Pyrus spp.</i>	Pear (fruiting varieites)
<i>Robinia pseudoacacia</i>	Black Locust
<i>Salix spp.</i>	Willow
<i>Sorbus aucuparia</i>	European Mountain Ash
<i>Ulmus americana</i>	American Elm
<b>OTHERS:</b>	
Fruit trees	Trees that produce fleshy fruits such as, but not limited to, apple, pear, plum trees.
Nut trees	Trees that produce large, hard nuts such as, but not limited to, walnut, hazelnut, almond trees.

Trees on the Prohibited Trees List includes invasive trees, trees with weak wood, trees with aggressive root systems, and trees that drop fruit on sidewalks or the street.

# Tumwater, Olympia & Lacey Recommended Tree Lists:

Updated: **2025.02.03** by Jim Sedore

C:\Tumwater\Tree Board\Recommended tree lists\Tumwater Olympia Lacey recommended tree list table 2025.01.30.doc

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3	Height (ft)					
						0-20 ft	20-40	40-60	60+		
Acer buergeranum Trident Maple		X	X				20				
Acer campestre Hedge Maple	X						<35				
Acer campestre ‘Evelyn’ Queen Elizabeth Hedge Maple		X					35				
Acer capillipes Red Striped-bark Maple		X					30				
Acer davidii David’s Maple			X				30				
Acer ginnala Amur Maple	X						<30				
Acer ginnala ‘Flame’ Flame Maple			X				20				
Acer glabrum Rocky Mountain Maple	X	X	X		X		25				
Acer grandidentatum ‘Shmidt’ Rocky Mountain Glow Maple		X	X				25				
Acer griseum Paperbark Maple		X	X				30				
Acer henryi Henryi Maple		X					30				
Acer nigrum ‘Greencolumn’		X						50			

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Greencolumn Maple												
Acer platanoides Norway Maple	X							40				
Acer platanoides 'Columnar-broad' Parkway Maple	X		X						40			
Acer platanoides 'Crimson Sentry' Crimson Sentry Maple	X		X					25				
Acer rubrum 'Armstrong' Armstrong Red Maple	X		X						45			
Acer rubrum 'Autumn Flame' Autumn Flame Maple		X						35				
Acer rubrum 'Bowhall' Bowhall Red Maple	X	X	X						50			
Acer rubrum 'Franksred' Red Sunset Red Sunset Maple	X							40				
Acer rubrum 'Karpick' Karpick Red Maple		X							45			
Acer rubrum 'October Glory' October Glory Red Maple		X							50			
Acer rubrum 'Scarsen' Scarsen Red Maple		X							40			
Acer rubrum 'Shlesinger'		X								70		



Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Shlesinger Maple												
Acer saccharum Sugar Maple	X								>50			
Acer saccharum 'Astis' Steeple Sugar Maple		X							40			
Acer saccharum 'Barret Cole' Apollo Maple		X	X					30				
Acer saccharum 'Bonfire' Bonfire Sugar Maple		X	X						50			
Acer saccharum 'Commemoration' Commemoration Sugar Maple			X						50			
Acer saccharum 'Legacy' Legacy Sugar Maple			X						50			
Acer tataricum Tatarian Maple		X	X					25				
Acer truncatum x platanoides 'Keithsform' Norwegian Sunset Maple	X		X					<35				
Acer truncatum x platanoides 'Warrenred' Pacific Sunset Maple	X	X	X					30				
HORSECHESTNUTS:												
Aesculus x carnea 'Briotti'			X					40				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Red Horsechestnut												
<b>BIRCHES:</b>												
Betula jacquemontii Jacquemontii Birch		X							40			
Betula nigra River Birch		X							40			
<b>HORNBEAMS:</b>												
Carpinus betulus ‘Fastigiata’ Pyramidal European Hornbeam	X	X	X					40				
Carpinus betulus ‘Frans Fontaine’ Frans Fontaine European Hornbeam		X						35				
Carpinus caroliniana American Hornbeam		X	X					25				
Carpinus japonica Japanese Hornbeam		X	X					30				
<b>KATSURAS:</b>												
Cercidiphyllum japonicum Katsura Tree			X					40				
<b>REDBUDS:</b>												
Cercis canadensis ‘Forest Pansy’ Eastern Redbud			X					20				
<b>YELLOWWOODS:</b>												
Cladrastis kentukea		X						30				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Yellowwood												
<b>DOGWOODS:</b>												
Cornus florida 'Rubra' Pink Flowering Dogwood	X		X					20				
Cornus kousa chinensis Chinese Kousa Dogwood	X	X	X					30				
Cornus kousa 'Milky Way Select' Milky Way Select Dogwood		X						20				
Cornus x nuttallii 'Eddies White Wonder' Eddie's White Wonder Dogwood		X						25				
Cornus kousa x nuttallii 'Starlight' Starlight Dogwood		X						30				
Cornus rutgersensis 'Rutcan' Constellation Dogwood		X						25				
Cornus rutgersensis 'Rutdan' Celestial Dogwood		X						20				
<b>HAZELNUTS:</b>												
Corylus colurna Turkish Hazelnut		X							45			

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
<b>HAWTHORNS:</b>												
Crataegus crus-galli 'Inermis' Thornless Cockspur Hawthorn		X	X					25				
Crataegus x lavalley Lavalley Hawthorn		X	X					30				
Crataegus x mordensis 'Toba' Toba Hawthorn		X						20				
Crataegus phaenopyrum Washington Hawthorn		X						25				
Crataegus viridis Winter King Hawthorn		X						20				
<b>BEECHES:</b>												
Fagus grandiflora American Beech		X							50			
Fagus sylvatica European Beech		X	X							90		
Fagus sylvatica 'Asplenifolia' 50 Fernleaf Beech									50			
Fagus sylvatica 'Dawyck' European Beech 'Dawyck'		X						40				
Fagus sylvatica 'Riversii' Rivers Purple Beech			X						50			
Fagus sylvatica		X	X					30				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
'Roseomarginata' Tricolor Beech												
Fagus sylvatica 'Fastgiata' Fastigate Beech			X						45			
<b>ASHES:</b>												
Fraxinus americana 'Autumn Purple' Autumn Purple Ash	X								>50			
Fraxinus excelsior 'Golden Desert' Golden Desert Ash	X							<35				
Fraxinus pennsylvanica 'Patmore' Patmore Ash	X							40				
Fraxinus pennsylvanica 'Summit' Summit Green Ash	X							40				
<b>GINKGOS:</b>												
Ginkgo biloba 'Autumn Gold' Autumn Gold Ginkgo			X					40				
Ginkgo biloba 'Fairmont' Fairmount Ginkgo		X							60			
Ginkgo biloba 'Magyar' Magyar Ginkgo		X							50			
Ginkgo biloba 'Princeton Sentry'		X						40				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Princeton Sentry Ginkgo												
Ginkgo biloba 'Shangi-la' Shangri-la Ginkgo									45			
<b>HONEY LOCUSTS:</b>												
Gleditsia triacanthos Honey Locust	X								40			
Gleditsia triacanthos 'Draves PP 21698 Street Keeper Honey Locust			X						45			
Gleditsia triacanthos 'Shademaster' Honey Locust			X						45			
Gleditsia triacanthos 'True Shade' True Shade Honey Locus		X							40			
<b>COFFEE TREE:</b>												
Gymnocladus dioicus Kentucky Coffee Tree		X							60			
Gymnocladus dioicus 'Espresso-JFS Espresso Kentucky Coffee Tree			X						50			
Halesia monticola Mountain Silverbell		X							40			
<b>GOLDENRAIN TREES:</b>												
Koelreuteria			X					30				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
paniculata Goldenrain Tree												
<b>CRAPE MYRTLES:</b>												
Lagerstroemia hybrids Crape Myrtle		X						25				
<b>TULIP TREES:</b>												
Liriodendron tulipifera Tuliptree	X	X	X						60			
Liriodendron tulipifera 'Fastigiatum' Columnar Tuliptree	X	X	X						50			
<b>MAACKIA:</b>												
Maackia amurensi Amur Maackia		X						25				
<b>MAGNOLIAS:</b>												
Magnolia 'Butterflies' Butterflies Magnolia		X						20				
Magnolia denudata Yulan Magnolia		X							40			
Magnolia grandiflora 'Edith Bogus' Edith Bogue Magnolia		X								60		
Magnolia grandiflora 'Little Gem' Little Gem Magnolia		X						25				
Magnolia liliflora x	X	X	X					30				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
sprengeri 'Galaxy' Galaxy Magnolia												
Magnolia x loebneri 'Merrill' Merrill Magnolia		X						30				
Magnolia sieboldii Oyama Magnolia		X						20				
Magnolia x soulangiana 'Rustica Rubra' Rustica Rubra Magnolia	X	X	X					20				
<b>CRABAPPLES:</b>												
Malus 'Adirondack' Adirondack Crabapple		X					18					
Malus "Golden Raindrops" Golden Raindrops Crabapple		X						20				
Malus Prairiefire' Prairiefire Crabapple		X	X					20				
Malus 'Red Barron' Red Barron Crabapple		X	X					20				
Malus 'Royal Raindrops' Royal Raindrops Crabapple		X						20				
Malus sargentii "Sargent Tina" Sargent Tina Crabapple		X					6					



Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Malus 'Snowdrift' Snowdrift Flowering Crabapple			X					20				
Malus species Flowering Crabapple	X							<35				
Malus species 'JFSKW213MX' Raspberry Spear Crabapple			X					20				
Malus species 'JFS KW214MX' Ivory Spear Crabapple			X				18					
Malus 'Sutyzam' Sugar Tyme Crabapple		X					18					
Malus 'Thunderchild' Thunderchild Crabapple		X						20				
Malus tschonoskii Tschonoskii Crabapple		X	X					35				
<b>TUPELO:</b>												
Nyssa sylvatica Black Tupelo	X	X	X						45			
<b>HOP-HORNBEAM:</b>												
Ostrya virginiana Hop-hornbeam		X							40			
<b>SOURWOODS:</b>												
Oxidendron arboretum			X					35				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Sourwood												
<b>IRONWOODS:</b>												
Parrotia persica Persian Ironwood		X						30				
Parrotia persica 'Ruby Vase' Ruby Vase Persian Ironwood		X	X					30				
Parrotia persica 'JL Columnar' Persian Spire Parrotia		X	X					30				
<b>PISTACHIAS:</b>												
Pistache chinense Chinese Pistacia		X	X						60			
<b>SYCAMORES/ PLANE TREES</b>												
Platanus x acerifolia 'Yarwood' Yarwood Plane Tree		X							50			
<b>FLOWERING CHERRY OR PLUM:</b>												
Prunus cerasifera Prunus mume Prunus triloba Flowering Plum	X							<35				
Prunus cerasifera 'Thundercloud' Thundercloud Flowering Plum			X					20				
Prunus x hillieri	X		X					30				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
‘Spire’ Spire Cherry												
Prunus sargentii Sargent Cherry	X		X					30				
Prunus spp. “Snowgoose” Snowgoose Cherry	X		X					20				
<b>PEARS:</b>												
Pyrus calleryana ‘Cleveland Select’ or Redspire’ Redspire or Cleveland Select Callery Pear (not for street tree use)			X					35				
Pyrus fauriei ‘Westwood’ Korean Sun Pear		X					12					
Pyrus ussuriensis ‘MorDak’ Prairie Gem Pear		X						25				
<b>OAKS:</b>												
Quercus alba White Oak		X							45			
Quercus alba x robur ‘Crimsonschmidt’ Crimson Spire Oak	X	X	X						45			
Quercus bicolor Swamp White Oak		X							45			
Quercus coccinea ‘Scarlet’ Scarlet Oak	X	X	X						50			

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Quercus frainetto 'Schmidt' Forest Green Oak		X							50			
Quercus garryana Garry Oak		X	X		X					70		
Quercus ilex Holly Oak		X								60		
Quercus imbricaria Shingle Oak		X								60		
Quercus macrocarpa Bur Oak		X							55			
Quercus palutris Pin Oak		X							55			
Quercus phellos Willow Oak		X								80		
Quercus robur x 'Asjes' Rosehill Oak		X							40		u	
Quercus robur 'Fastigiata' Skyrocket Oak	X	X	X						45			
Quercus robur 'Pryamich' Skymaster English Oak		X							50			
Quercus rubra Red Oak	X	X	X						50			
Quercus shumardii Shumard Oak		X							50			
<b>CASCARAS:</b>												
Rhamnus purshiana Cascara		X	X		X			25				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
<b>LOCUSTS:</b>												
Robinia x ambigua ‘Idahoensis’ Pink Flowering Locust		X							40			
Robinia pseudoacacia ‘Bessonia’ Bessoniana Locust		X						30				
Robinia pseudoacacia ‘Frisia’ Frisia Locust		X							40			
<b>PAGODA TREES:</b>												
Sophora japonica ‘Halka’ Millstone Japanese Pagoda Tree		X							45			
<b>MOUNTAIN ASHES:</b>												
Sorbus americana ‘Dwarfcrown’ Red Cascade Mountain Ash		X	X				18					
Sorbus vilmorinii Vilmorin’s Mountain Ash		X						20				
<b>STEWARTIA TREES:</b>												
Stewartia pseudocamellia Japanese Stewartia		X	X					30				
<b>SNOWBELLS:</b>												
Styrax japonicus Japanese Snowbell	X		X					25				

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3	Height (ft)					
						0-20 ft	20-40	40-60	60+		
<b>LILACS:</b>											
Syringa meyeri 'Palibin' Tree Lilac			X			7					
Syringa reticulata 'Ivory Silk' Ivory Silk Japanese Lilac		X					20				
Syringa reticulata 'Summer Charm' Summer Charm Lilac		X					25				
<b>LINDENS:</b>											
Tilia americana 'Redmond' Redmond Linden	X		X				35				
Tilia cordata 'Greenspire' Littleleaf Linden	X		X					40			
Tilia cordata 'Haika' Summer Sprite Linden		X				16					
Tilia x euchloroa Crimean Linden		X						40			
Tilia tomentosa 'Sterling' Sterling Silve Linden		X						45			
<b>ELMS:</b>											
Ulmus carpinifolia x parvifolia 'Frontier' Frontier Elm		X						40			
Ulmus 'Homestead'		X						55			

Botanical name Common name(s)	Tumwater	Olympia*1	Lacey		Native *2, *3		Height (ft)					
							0-20 ft	20-40	40-60	60+		
Homestead Elm												
Ulmus 'Morton Glossy' Triumph Elm		X							55			
Ulmus parvifolia 'Emer II' Ailee Elm		X							50			
Ulmus parvifolia 'UPMTF' Bosque Elm		X							45			
Ulmus x 'Patriot' Patriot Elm		X							50			
Ulmus 'Pioneer' Pioneer Elm		X							60			
Ulmus propinqua 'JFS-Bieberich' Emerald Sunshine Elm			X				40					
Ulmus wilsoniana 'Prospector' Prospector Elm		X							40			
<b>ZELKOVAS:</b>												
Zelkova serrata 'JFS- KW1' City Sprite Zelbova		X						25				
Zelkova serrata 'Musashino' Musashino columnar Zelkova		X							45			
Zelkova serrata 'Schmidtlow' Wireless Zelkova		X						25				

## Footnotes:

\*1. Emails to and from Jason Johns, City of Olympia Urban Forester re: City of Olympia Recommended Tree List

**From:** Liz & Jim Sedore <lizardgym@gmail.com>

**Sent:** Friday, January 31, 2025 8:32 AM

**To:** cpdinfo <cpdinfo@ci.olympia.wa.us>

**Cc:** Alyssa Jones Wood <ajoneswood@ci.tumwater.wa.us>

**Subject:** Olympia recommended Street Trees

JASEN,

I am on the Tumwater Tree Board.

We are updating the Tumwater recommended tree list and looking at the Olympia recommended tree list.

1. Do you know what criteria Olympia used to make their list?
2. Did they make the list from some other city's list? There are a lot of varietal names on the list.

Thanks, Jim Sedore for the Tumwater Tree Board

**2025.01.31 Email from Jasen Johns, City of Olympia Urban Forester**

RE: Species Palette for Street Trees In South Puget Sound

Jasen Johns <jjohns@ci.olympia.wa.us>

Jan 31, 2025, 11:43 AM

Mr. Jim Sedore,

Thank you for opening a conversation about City of Olympia's recommended species for street tree plantings.

Yesterday, I shared a few thoughts on street trees with Olympians concerned about street tree conflicts with sidewalks (although below-ground utilities, aerial utilities, and bicycle/automobile thoroughfares could have been grouped with their concerns as well.)

Here are those thoughts for your consideration:

**A. (Current Street Tree Species Palette):**

City of Olympia's current street tree species palette was updated in 2022, just prior to my hire. These trees were selected for their lack of rooting conflict with street and sidewalk infrastructure. This species palette offers "right tree, right place" guidance. Most importantly, it includes a do-not-plant list. In my professional opinion, it's a good tree species palette for Olympia and can be found on our Urban Forestry Web page under street trees ([https://www.olympiawa.gov/services/urban\\_forestry.php](https://www.olympiawa.gov/services/urban_forestry.php).)

**B. (Street Tree Well Standards):**

In 2021, City of Olympia changed their street tree well specifications in our Engineering, Design and Development Standards (E.D.D.S.) This changed the specification from 4'x4' tree wells to 4'x8' tree wells with a grate that is seated on a frame. There are specifications on soil composition and soil



volume as well. One of the best ways to avoid infrastructure conflicts is by providing trees with sufficient soil quality and soil volume. The new standard better aligns with Arboricultural Best Management Practices. BMPs typically require around 1,110 cubic feet in soil volume (with variability for tree species.)

**C. (Old Sidewalks):**

On a related note, many of the sidewalks I've seen in Olympia are very old and not engineered to modern standards. For instance, I have seen cracked, cut, or lifted sidewalks with 80% peanut-brittle-like aggregate poured to only a two-inch depth with no substrate. As these legacy sidewalks fall apart, they are particularly vulnerable to rooting conflicts. Our new, modern standards include a sturdy concrete mix, poured to sufficient depth, and with an appropriately compacted substrate bed. Better engineered sidewalks prevent rooting conflicts. Our City of Olympia crews and contractors install to the modern specifications.

**D. (Specifications during development-permitting):**

There are other specifications that can be conditioned during development-permitting to prevent infrastructure conflicts: monolithic curbing, root barriers, root channels, root bridging, or structural elements such as modular suspended pavement systems (e.g. Silva Cells.)

**E. (Street Tree Maintenance by City Staff):**

City of Olympia has around 218 Centerline Miles of opened right-of-way, yet our two-person Urban Forestry Crew only maintains street trees along 17 of those Centerline Miles (in Downtown and along ten traffic arterials.) In fairness, these two Arborists also service trees on over 1,469 acres of recreational parkland across the City.

**F. (Street Tree Maintenance by Adjacent Property Owners):**

Apart from the street trees under OPARD maintenance, all other street trees are the maintenance liability of adjacent property owners. The sidewalks are the maintenance liability of adjacent property owners, too. Urban Forestry partners with Transportation in seeking compliance with tree care and sidewalk maintenance requirements.

**G. (Getting Approval for Street Tree Planting):**

People are supposed to seek the Urban Forester's approval for street tree plantings, but often enough people will plant what they like without any professional input (creating problems a decade or two later.)

**H. (2017 City of Olympia Street Tree Inventory):**

Under a 2017 Washington State Department of Natural Resources grant, City of Olympia inventoried 2,100 street trees along the aforementioned 17 Centerline Miles maintained by OPARD. OPARD updates

this tree inventory as part of their maintenance duties.

**I. (2024 Grant for Tree Equity and New City Urban Forest Management Plan):**

In 2024, I applied for a Washington State Department of Natural Resources grant centered on tree equity, that is ensuring everyone benefits from trees in our urban forest. Our grant proposal has been selected for award. We will hire a contractor to help create an Urban Forest Management Plan (City of Tumwater and City of Lacey already have Urban Forest Management Plans in-place; City of Olympia does not have a plan.) Tree equity includes ADA/accessibility concerns. There's a significant engagement component to this UFMP, so we welcome community members' participation.

If you would like to discuss street trees further, then please call me at 360.753.8301.

While City of Olympia has lacked a tree board since 2003, I would be happy to meet with City of Tumwater's tree board.

Best Regards, Jasen

**Jasen Welton Johns** (he/him), Urban Forestry Program Manager  
Community Planning & Development

**Desk: 360.753.8301**

**E-mail: jjohns@ci.olympia.wa.us**

P.O. Box 1967

Olympia, WA 98507-1967

Species Palette for Street Trees In South Puget Sound

Inbox

Jasen Johns

Jan 31, 2025, 11:43 AM (3 days ago)

Mr. Jim Sedore, Thank you for opening a conversation about City of Olympia's recommended species for street tree plantings. Yesterday, I shared a few thoughts o

Liz & Jim Sedore

Feb 1, 2025, 3:36 PM (2 days ago)

JASEN, Thank you for your quick and thorough response. I have a couple of clarifying questions:

1. Concerning the City of Olympia Recommended Tree List, you wrote:

"These trees were selected for their lack of rooting conflict with street and sidewalk infrastructure. This species palette offers "right tree, right place" guidance."

Do you know where the City of Olympia got the data listing these species and varieties as trees that lack "rooting conflict with street and sidewalk infrastructure"?

2. Updates:

Are there any changes that you would make to the 2022 City of Olympia Recommended Street Tree List?

Thank you, Jim Sedore for the City of Tumwater Tree Board

Reply: Feb 3, 2025, 1050AM From: Jasen Johns to me, Alyssa, Trent

Hi Jim (and hey-howdy, Alyssa & Trent!)

My predecessor, Shelly Bentley, was a wonderfully talented arborist and landscape architect (she designed trails when she worked for the National Park Service.) In formulating City of Olympia's tree list, she used pretty good professional judgement. When I look at her list, I evaluate it based on my professional judgement. Professional judgement is rooted in training and practice, but urban foresters and municipal arborists do listen to others' experiences with particular tree species as well.

Many factors bear consideration in selecting the right tree for the right place at the right time with the right care. Sometimes a tree species that makes an excellent street tree selection in one bioregion might be terrible choice in another bioregion

One cultivar that jumps out at me on the Olympia street tree list is *Robinia pseudoacacia* 'Frisia'. While I planted many native black locusts in Atlanta, Washington State Noxious Weed Control Board considers black locust to be invasive. However, I have no experience with the 'Frisia' cultivar, so it might work well enough in Washington State. Before I would approve a proposed 'Frisia' planting, I'd have to do a bit more research, call Washington State University Cooperative Extension, or talk with my friends at Thurston Conservation District. Fortunately, nobody has proposed a black locust planting, yet.

Climate change is complicating tree species selection, too. Previously non-invasive introduced species can become invasive. Native species that previously thrived will no longer do well. The performance of tried-and-true species can go catawampus. By way of example, City of Olympia planted a dozen beautiful crab apples on Chestnut Street near East Budd Bay. The 2021 heat dome event badly sun-seared the western sides of those poor *Malus* trees' stems.

Trees For Seattle offers good guidance for trees used in their program: <https://www.seattle.gov/trees/planting-and-care/tree-selection>. My good friend Lou Stubecki worked for this program ere his retirement in 2024. I have had the good fortune of meeting more than my fair share of plant-savants in my life; Lou is definitely

one of them and any recommended plant species list he has put together is assuredly a good one.

In Tumwater, Alyssa has partnered with Arbor Day Foundation's Community Tree Distributions program. This Community-Based Forestry program utilizes a few new automated tools to prescribe tree species selections: <https://www.arborday.org/our-work/community-tree-distributions>

Best Regards, Jasen Johns  
Urban Forester. City of Olympia

\*2 "Landscaping in The pacific northwest - Native plants" Updated 2008. WSU Extension

<https://s3.wp.wsu.edu/uploads/sites/2079/2014/02/native-plants-2008.pdf>

Native plant list: Trees:

1. Grand Fir **Abies grandis** X X X X X 250
2. Vine Maple **Acer circinatum** X X X X X 25
3. Big Leaf Maple **Acer macrophyllum** X X X X X 100
4. Red Alder **Alnus rubra** X X X X X 120
5. Oregon Ash **Fraxinus latifolia** X X X X X 70
6. Pacific Crabapple **Malus fusca** X X X X X 40
7. Sitka Spruce **Picea sitchensis** X X X X X 200
8. Shore Pine **Pinus contorta** X X X X X 50
9. Black Cottonwood **Populus trichocarpa** X X X X X 160
10. Bitter Cherry **Prunus emarginata** X X X X X 30
11. Douglas Fir **Pseudotsuga menziesii** X X X X X 250
12. Oregon White Oak **Quercus garryana** X X X X X 75
13. Cascara **Rhamnus purshiana** X X X X X X 30
14. Pacific Willow **Salix lasiandra** X X X X X 40
15. Scouler's Willow **Salix scouleriana** X X X X X 30
16. Pacific Yew **Taxus brevifolia** X X X X X 25
17. Western Red Cedar **Thuja plicata**
18. Western Hemlock **Tsuga heterophylla** X X X X 225

\*3 <https://green2.kingcounty.gov/gonative/Plant.aspx?Act=list>

#### King County Native Plants List:

<u>type</u>	<u>common name</u>	<u>latin name</u>	<u>exposure</u>	<u>moisture</u>	<u>height (ft)</u>	<u>avail.</u>	<u>ease</u>
Tree	<a href="#"><u>bigleaf maple</u></a>	<i>Acer macrophyllum</i>	sun - shade	dry - moist	100	M	H
Tree	<a href="#"><u>bitter cherry</u></a>	<i>Prunus emarginata</i>	sun - part shade	dry - moist	30	M	M
Tree	<a href="#"><u>black cottonwood</u></a>	<i>Populus balsamifera</i>	sun - part shade	moist - wet	160	M	H
Tree	<a href="#"><u>black hawthorn</u></a>	<i>Crataegus douglasii</i>	sun - part shade	moist - wet	30	M	M
Tree	<a href="#"><u>cascara</u></a>	<i>Rhamnus purshiana</i>	sun - shade	dry - wet	30	M	M
Tree	<a href="#"><u>Douglas' Maple</u></a>	<i>Acer glabrum</i>	sun - part shade	moist	30	M	H

Tree	<a href="#"><u>Douglas-fir</u></a>	<i>Pseudotsuga menziesii</i>	sun - part shade	dry - moist	250	M	H
Tree	<a href="#"><u>grand fir</u></a>	<i>Abies grandis</i>	sun - shade	dry - moist	250	H	M
Tree	<a href="#"><u>Hookers willow</u></a>	<i>Salix hookeriana</i>	sun	moist - wet	20	L	H
Tree	<a href="#"><u>madrone; madrona</u></a>	<i>Arbutus menziesii</i>	sun - part shade	dry	90	M	L
Tree	<a href="#"><u>Oregon ash</u></a>	<i>Fraxinus latifolia</i>		sun - part shade	moist - wet	70	M M
Tree	<a href="#"><u>Oregon white oak; Garry oak</u></a>	<i>Quercus garryana</i>		sun - part shade	dry	75	L M
Tree	<a href="#"><u>Pacific crabapple</u></a>	<i>Malus fusca</i>		sun - part shade	moist - wet	40	L M
Tree	<a href="#"><u>Pacific dogwood</u></a>	<i>Cornus nuttallii</i>		part shade	dry - moist	60	M L
Tree	<a href="#"><u>Pacific willow</u></a>	<i>Salix lasiandra</i>		sun - part shade	moist - wet	40	M H
Tree	<a href="#"><u>paper birch</u></a>	<i>Betula papyrifera</i>		sun - part shade	moist	90	M M
Tree	<a href="#"><u>quaking aspen</u></a>	<i>Populus tremuloides</i>		Sun	moist - wet	60	M H
Tree	<a href="#"><u>red alder</u></a>	<i>Alnus rubra</i>		sun - part shade	dry - wet	120	M H
Tree	<a href="#"><u>shore pine</u></a>	<i>Pinus contorta</i> var. <i>contorta</i>		sun - part shade	dry - wet	50	M H
Tree	<a href="#"><u>Sitka spruce</u></a>	<i>Picea sitchensis</i>		sun - part shade	moist - wet	200	M M
Tree	<a href="#"><u>Sitka willow</u></a>	<i>Salix sitchensis</i>	sun - part shade	moist – wet	30	M	H
Tree	<a href="#"><u>slide alder</u></a>	<i>Alnus viridis</i>	sun - part shade	Moist	30	L	M
Tree	<a href="#"><u>vine maple</u></a>	<i>Acer circinatum</i>	part shade - shade	dry – moist	25	H	H
Tree	<a href="#"><u>Western hemlock</u></a>	<i>Tsuga heterophylla</i>	part shade - shade	moist – wet	225	M	M
Tree	<a href="#"><u>Western redcedar</u></a>	<i>Thuja plicata</i>	part shade - shade	moist – wet	200	H	M
Tree	<a href="#"><u>Western white pine</u></a>	<i>Pinus monticola</i>	sun - part shade	dry – moist	130	L	L
Tree	<a href="#"><u>yew</u></a>	<i>Taxus brevifolia</i>	part shade - shade	dry – moist	40	M	L

## DRAFT TUMWATER TREE BOARD - 2025 MEETING SCHEDULE

Note: Schedule is tentative and subject to change

<b><u>MEETINGS</u></b>	<b><u>AGENDA ITEMS</u></b>
Monday, January 13, 2025	<u>Discussion:</u> Brainstorm on 2025 Workplan
Monday, February 10, 2025	<u>Discussion:</u> Arbor Day plant selection and proclamation <u>Discussion:</u> Review of draft Approved Street Tree List
Monday March 10, 2025	<u>Discussion:</u> Arbor Day plant handouts <u>Discussion:</u> Review of draft Approved Street Tree List <u>Action:</u> Annual Officers Election
Monday, April 14, 2025	<u>Discussion:</u> Arbor Day <u>Briefing:</u> Urban Forester hiring update
Monday May 12, 2025	<u>Discussion:</u> 2025 Tree Board Workplan with City Council (may occur in July)
Monday June 9, 2025	<u>Briefing:</u> Introduce Urban Forester
Monday, July 14, 2025	<u>Briefing:</u> EPA EJ Screen and EPA Disadvantaged Communities mapping (may occur in May)
Monday, August 11, 2025	Summer Field Trip – Location TBD
Monday, September 15, 2025	<u>Briefing:</u> Urban Forester Workplan <u>Briefing:</u> Tree Canopy Assessment Update
Monday, October 13, 2025	<u>Discussion:</u> Initial Tree Assessment Assistance program design
Monday, November 10, 2025	<u>Briefing:</u> UFMP Implementation Update Briefing: Tree Fund Status Update Briefing: TMC 16.08 Status Update
Monday, December 15, 2025	<u>Discussion:</u> 2026 Workplan

To be scheduled, likely in 2026:

- Tree Inventory Status Update
- Presentation by local tribes