



City of McMinnville
Planning Department
 231 NE Fifth Street
 McMinnville, OR 97128
 (503) 434-7311

www.mcminnvilleoregon.gov

Landscape Review Committee
Community Development Center, 231 NE 5th Street
April 17, 2019
12:00 PM

Committee Members	Agenda Items
Rob Stephenson Chair	1. Call to Order
Sharon Gunter Vice-Chair	2. Citizen Comments 3. Approval of Minutes A. October 24, 2018 (Exhibit 1) B. January 16, 2019 (Exhibit 2) C. February 20, 2019 (Exhibit 3)
Josh Kearns	4. Action Items A. McMinnville Street Tree List Update (Exhibit 4)
RoseMarie Caughran	5. Discussion Items A. 2019 Arbor Day Tree Planting Event
Tim McDaniel	6. Old/New Business 7. Committee Member Comments 8. Staff Comments 9. Adjournment

The meeting site is accessible to handicapped individuals. Assistance with communications (visual, hearing) must be requested 24 hours in advance by contacting the City Manager (503) 434-7405 – 1-800-735-1232 for voice, or TDY 1-800-735-2900.

*Please note that these documents are also on the City's website, www.mcminnvilleoregon.gov. You may also request a copy from the Planning Department.



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EXHIBIT 1 - MINUTES

October 24, 2018
Landscape Review Committee
Special Meeting

12:00 pm
Community Development Center
McMinnville, Oregon

Members Present: Rose Marie Caughran, Sharon Gunter, Josh Kearns, Tim McDaniel, and Rob Stephenson

Members Absent: none

Staff Present: Jamie Fleckenstein Associate Planner

Guests Present: none

1. Call to Order

Chair Stephenson called the meeting to order at 12:00 p.m.

2. Citizen Comments

None.

3. Approval of Minutes

None.

4. Action/Docket Item (repeat if necessary)

None.

5. Discussion Items

Associate Planner Fleckenstein led a discussion to gauge committee support for updating the Approved Street Tree List for McMinnville to provide more approved tree species and varieties and more information about the characteristics of each approved tree in an effort to promote diversity in McMinnville's urban forest and educate the public about selecting the "right tree for the right place". The committee reviewed examples of more comprehensive street tree lists from other communities, including Portland, Gresham, and Seattle. The committee indicated support for revising the McMinnville's Approved Street Tree List to include more variety and

information and provided guidance as to what type of information would be most useful to provide in a street tree list.

6. Old/New Business

None.

7. Committee/Commissioner Comments

None.

8. Staff Comments

9. Adjournment

Chair Stephenson adjourned the meeting at 1:00 p.m.

DRAFT



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EXHIBIT 2 - MINUTES

January 16, 2019
Landscape Review Committee
Regular Meeting

12:00 pm
Community Development Center
McMinnville, Oregon

Members Present: Rose Marie Caughran, Sharon Gunter, Josh Kearns, and Tim McDaniel,
Members Absent: Rob Stephenson
Staff Present: Jamie Fleckenstein Associate Planner
Guests Present: Scott Hill, Mayor, Zachary Geary, City Councilor, Dominic Maselli, and Kellie Menke, City Councilor

1. Call to Order

Vice Chair Gunter called the meeting to order at 12:00 p.m.

2. Citizen Comments

None

3. Approval of Minutes

- A. June 20, 2018
- B. July 18, 2018

Committee Member McDaniel moved to approve the June 20 and July 18, 2018 minutes. The motion was seconded by Committee Member Caughran and passed 4-0.

4. Action/Docket Item (repeat if necessary)

- A. L 49-18 – Street Tree Removal - 1939 NW Meadows Drive

Associate Planner Fleckenstein discussed the request for a street tree removal on NW Meadows Drive. This was an Oak tree adjacent to the applicant's property and was dropping acorns on the sidewalk and pad in front of the mailbox and in the street which could potentially be a fall hazard. An arborist report was submitted and found the tree was not unsafe, dead, or diseased although the acorns dropping could be considered an unsafe situation. The tree was not in conflict with any public improvements, however maintenance and upkeep of the sidewalk was required. There was a street

tree plan in place for this subdivision, and the approved tree for this property was an Oak tree. Per code, if the tree were to be removed, it would have to be replaced by the same type of tree that was currently causing problems.

Dominic Maselli, applicant, shared how he had recently moved to this home. A neighbor had slipped on the acorns and twisted her ankle. There were many elderly people in the neighborhood and there were a lot of leaves that fell from the tree as well. He thought the tree was a hazard, especially since it was a heavily traveled area where people came to get their mail. He did not want to be liable for an injury that happened on his property.

Committee Member Kearns said the wind could blow the acorns from other nearby trees, and he did not think removing this tree would guarantee there would be no more acorns.

Mr. Maselli said there was only one tree on his lot and that was nine feet from the mailbox. It was a more heavily trafficked area than any other part of the street.

Committee Member Kearns asked if the Committee determined this type of tree was a hazard, could they amend the street tree improvement plan that removal of any street tree would be replaced with a different tree.

Assistant Planner Fleckenstein said yes, there was a process for that. He pointed out that the improvement plan was approved prior to the street tree list being approved. The street tree list identified most Oak trees as conditionally approved or outright denied for street trees because of the nuts.

Committee Member Kearns was not opposed to replacing a tree that someone thought was a hazard if they had something else to put in its place.

Assistant Planner Fleckenstein clarified there was interest in amending the street tree improvement plan to address the hazard of the Oak trees and to replace them with a different street tree. He noted that Public Works inspected the area and the mailbox pad was lifting from the curb due to the tree roots.

There was discussion regarding the street tree varieties on nearby streets and the process for amending the street tree improvement plan.

There was consensus for staff to prepare a street tree improvement plan to allow the Oak trees to be removed and replaced with Raywood Ash.

Committee Member McDaniel moved to continue L 49-18 to the next meeting. The motion was seconded by Committee Member Kearns and passed 4-0.

B. L 01-19 – Street Tree Removal - 1931 NW Woodland Drive

Associate Planner Fleckenstein reviewed the request for a street tree removal on NW Woodland Drive. This was a Maple tree that was lifting the sidewalk due to a six inch diameter root. Root trimming was not an option due to the size. The street tree was also planted within three feet of the driveway approach and within 20 feet of the street light. Neither of those met the current code for street tree placement. Staff recommended approving the application and that no replacement tree be required.

Committee Member Kearns moved to approve L 01-19. The motion was seconded by Committee Member Gunter and passed 4-0.

C. 2019 Work Plan

Associate Planner Fleckenstein discussed the items on the 2019 Work Plan.

Committee Member Kearns moved to approve the 2019 Work Plan. The motion was seconded by Committee Member Gunter and passed 4-0.

5. Discussion Items

A. Unpermitted Street Tree Removal - 608 NE 3rd Street

Associate Planner Fleckenstein stated this item was in relation to the downtown street trees that were removed at 3rd and Ford. Applications were submitted for four trees to be removed, and three had been approved. The fourth was under review, most likely to be denied, when word came to the Planning Department that all four trees had been removed. The fourth application claimed that the tree was causing drainage issues into the building and when the sidewalk panel was lifted it revealed a window well with an open hole into the foundation of the building. Based on the fact that water was seeping through a giant hole in the foundation, not a result of tree roots, the application would have been denied.

Planning Director Richards explained the internal process for review was not the best it could be. The applicant acknowledged they took the tree down without approval and the City was in the process of identifying a legal remedy. Her goal was to work towards solutions that were based on preservation rather than removal.

Associate Planner Fleckenstein said the remedy required a tree appraisal value from an arborist to determine the cost of the closest replacement tree. It was a 14 inch tree that had been removed, and they found a ten inch tree of the same species which cost \$17,000 for replacement. Under state law, removal of trees without permission was eligible for triple damages. The City had leverage in bargaining opportunities and proposed that the property owner be responsible for replacement of the four trees and sidewalk. The City penalty money could be used for a pilot project to help inform the rest of the Third Street streetscape to promote the longevity and retention of trees.

Planning Director Richards said the remaining funds would be used to work with an arborist to find ways to preserve specific larger, mature trees in downtown.

B. 2019 Oregon Community Tree/Tree City USA Grant Application

Associate Planner Fleckenstein discussed a grant opportunity of up to \$500 to help support the City's Arbor Day celebration. He asked for direction on the use of the grant.

There was discussion regarding the activities that could be done. There was consensus to apply for funds for a school children planting event.

6. Old/New Business

None

7. Committee/Commissioner Comments

None

8. Staff Comments

None

9. Adjournment

Vice Chair Gunter adjourned the meeting at 1:02 p.m.

DRAFT



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EXHIBIT 3 - MINUTES

February 20, 2019
Landscape Review Committee
Regular Meeting

12:00 pm
Community Development Center
McMinnville, Oregon

Members Present: Rose Marie Caughran, Sharon Gunter, Josh Kearns, and Tim McDaniel
Members Absent: Rob Stephenson
Staff Present: Jamie Fleckenstein Associate Planner
Guests Present: Kellie Menke – City Councilor

1. Call to Order

Vice Chair Gunter called the meeting to order at 12:00 p.m.

2. Citizen Comments

None

3. Approval of Minutes

- A. August 15, 2018
- B. September 19, 2018
- C. October 17, 2018

Committee Member Kearns moved to approve the August 15, September 19, and October 17, 2018 minutes. The motion was seconded by Committee Member McDaniel and passed 4-0.

4. Action/Docket Item (repeat if necessary)

- A. L 18-18 – Landscape Plan Revision - 711 NE Highway 99W

Associate Planner Fleckenstein said the LRC reviewed this application a few months ago and a revision had been submitted. The original landscape plan that had been approved by the LRC had landscaping on the north side of the building behind the building and adjacent to the church parking lot. The revision was a request to remove the landscaping on the north side and to add landscaping to the front of the building where it was more visible. During the construction of the building, the site behind the building was filled in with gravel. It was 600 square feet of planting proposed on the north

side, and there would be 336 square feet of planting in the front. The trash storage would be shared with the adjacent business. The applicant was proposing to put in a Japanese Maple tree surrounded by small evergreen shrubs. There would be a continuation of the grasses that were found along the parking area. The applicant was still above the minimum required landscaping. The area behind the building would not be visible on a regular basis and the plants would struggle for sunlight on the north side of the building. The planting in the front would be on the south side facing Highway 99W and would be more visible and would help provide buffering between the parking and the building. Staff recommended approval.

Committee Member Kearns agreed planting on the north side would not gain much, but planting on the south side would help with screening.

Committee Member Kearns moved to approve L 18-18. The motion was seconded by Committee Member McDaniel and passed 4-0.

B. L 2-19 – Cottonwood 1st Street Tree Improvement Zone

Associate Planner Fleckenstein said this was a request for a revision to the Cottonwood first addition Street Tree Improvement Plan. The LRC had recently changed the Plan to address the pear trees on some of the side streets to be replaced with Redbuds. Last month an application came in to remove an oak tree on Meadows Drive. Staff was directed to address it through a revised Street Tree Improvement Plan. The change would allow oaks along NW Meadows Drive to be replaced with Red Sunset Maples. This would be an administrative approval through the Planning Department.

There was discussion regarding the Raywood Ash trees that were on Cottonwood Drive which would most likely need to be replaced due to the issue of borer beetles.

Committee Member Gunter moved to approve L 2-19. The motion was seconded by Committee Member Kearns and passed 4-0.

C. L 3-19 – Landscape Plan - 1175 NE 19th Street

Associate Planner Fleckenstein reviewed the landscape plan for the proposed new indoor batting cage facility at Patton Middle School. Along the east side of the building there would be Viburnum tinus hedge and two Red Sunset Maples would be planted in the gaps in the row of existing trees on McDaniel Lane.

Committee Member Kearns had drawn this plan. No irrigation was being included, but the School District would hand water the plants through establishment and was responsible for replacements.

Associate Planner Fleckenstein said the building would replace an existing outdoor facility and would provide additional buffering and screening from the neighbors across the street. There would be a mural on the east side of the building as well and the existing sidewalk would be paved and extended to provide access to the new building. Staff recommended approval with conditions.

There was discussion regarding the details of the project.

Committee Member Gunter moved to approve L 3-19. The motion was seconded by Committee Member Caughran and passed 3-0-1 with Committee Member Kearns abstaining.

D. L 49-18 – Street Tree Removal - 1939 NW Meadows Drive

Associate Planner Fleckenstein stated the HLC continued this application from the last meeting in order to change the Street Tree Improvement Plan for Meadows Drive. That had been done and now the application for the oak tree to be taken out and replaced with an approved alternate could be approved.

Committee Member Kearns moved to approve L 49-18. The motion was seconded by Committee Member Gunter and passed 4-0.

5. Discussion Items

A. 2019 Oregon Community Tree/Tree City USA Grant Update

Associate Planner Fleckenstein gave an update on the grant for an Arbor Day event. He had talked to the School District about a possible project, and had come up with replacing some trees that had been removed at Bear Hugs Preschool which was by the High School. The grant would also secure funds to engage the students in the fabrication and welding program to create a plaque that could be placed next to the trees.

Committee Member Kearns suggested the trees be planted at the corners of the fence line.

B. Work Plan Project Funding

Associate Planner Fleckenstein reported that the Planning Department was able to allocate some funds for items on the LRC's Work Plan this year. Those projects included a street tree inventory, development and publication of the Right Tree, Right Place brochure, and arborist consultation for downtown tree removal requests.

There was discussion regarding the projects. There was further discussion regarding the historic evidence for designating the Sequoia tree in City Park outside of the library as a heritage tree.

6. Old/New Business

None

7. Committee/Commissioner Comments

None

8. Staff Comments

None

9. Adjournment

Vice Chair Gunter adjourned the meeting at 12:48 p.m.



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EXHIBIT 4 - STAFF REPORT

DATE: April 17, 2019
TO: Landscape Review Committee Members
FROM: Jamie Fleckenstein, Associate Planner
SUBJECT: McMinnville Recommended Street Tree List Update

STRATEGIC PRIORITY & GOAL:



GROWTH & DEVELOPMENT CHARACTER

Guide growth & development strategically, responsibly & responsibly to enhance our unique character.

OBJECTIVE/S: Strategically plan for short and long-term growth and development that will create enduring value for the community

Report in Brief:

This is the consideration of a revision and update to the McMinnville Street Tree List.

Background:

In 2016, the McMinnville Street Tree List was approved by City Council and adopted by Resolution No. 2016-22. The list provides general characteristics desirable in street trees in McMinnville and lists several recommended street trees generally acceptable for use as street trees. Section 17.58.090(A) of the McMinnville Zoning Ordinance states “The Landscape Review Committee may periodically update the McMinnville Street Tree List as necessary to reflect current arborist practices and industry standards.”

A stated purpose of McMinnville’s street tree program is “...to promote a diverse, healthy, and sustainable community forest; and to educate the public regarding community forest issues.” An update to the current format and content of McMinnville’s Street Tree List is an opportunity to promote diversity in the urban forest and to provide an educational component to the public.

Currently, the Street Tree List (Attachment A) provides recommendations for Small, Medium, and Large Tree categories. The names of recommended species and/or varieties are provided without further detail about the trees’ characteristics. Further, the list seems to emphasize Cherries, Plums, and Maples by listing these tree species ahead of a broad category of “Other” species. This emphasis can be seen in the selection of street trees planted throughout McMinnville, which seem to be weighted towards these few species. The format of the list does not seem to promote diversity in McMinnville’s urban forest.

Additionally, the current Street Tree List does not provide any further information about specific characteristics of individual tree varieties, which can vary widely within a species. Basic information

about a tree’s size, form, and other relevant qualities can help the public select a specific variety that is the “right tree for the right place”. By providing more information about the characteristics of a tree selection, the hope is that future conflicts can be anticipated and avoided, resulting in street tree selections that will live longer and provide greater benefits to the community, with fewer conflicts with public improvements.

Beginning in September, 2019, the Landscape Review Committee has provided guidance to staff to update the Street Tree List with several goals including:

- Make the Street Tree List more user-friendly
- Increase the number of recommended species to improve diversity of the urban forest
- Provide more detailed information about recommended species to make it easier to select the “right tree for the right place” to reduce potential future issues
- Reconsider the suitability of some tree species for use as a street tree

Discussion:

With the Landscape Review Committee’s guidance, staff has developed an update to the McMinnville Street Tree List, specifically the Recommended Species for Small, Medium, and Large Trees, and the Prohibited Street Trees. The full updated list is provided as Attachment B. A sample of the new format can be seen in the image below:

McMinnville Street Tree List										Recommended Small Tree Species
Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments	
<i>Acer buergerianum</i> Trident Maple	4	No	30	25		n/a			Tolerant of many urban conditions; year-round interest	
<i>Acer griseum</i> Paperbark Maple	4	Yes	25	20		n/a			Attractive peeling coppery bark	
<i>Acer griseum 'JFS-KW8AGRI'</i> Fireburst Paperbark Maple	4	Yes	25	18		n/a			Outstanding form and fall color, coppery peeling bark	
<i>Acer palmatum 'Blood Good'</i> Blood Good Japanese Maple	4	Yes	20	20		n/a			Burgundy foliage	
<i>Acer palmatum 'Sango Kaku'</i> Coralbark Japanese Maple	4	Yes	20	20		n/a			Bark on young stems brilliant coral	
<i>Acer tartaricum ssp. ginnala 'Flame'</i> Flame Amur Maple	4	Yes	25	20					Fragrant spring flowers, attractive fall color	
<i>Amelanchier laevis 'JFS-Arb'</i> Spring Flurry Serviceberry	4	Yes	25	20					Exceptional form, showy spring flowers	
<i>Amelanchier x grandiflora 'Autumn Brilliance'</i> Autumn Brilliance Serviceberry	4	Yes	20	15					Attractive spring flowers, fall color	
<i>Amelanchier x grandiflora 'Princess Diana'</i> Princess Diana Serviceberry	4	Yes	20	15					Attractive spring flowers, pinkish red fall color	

Additions to the new street tree list format are informational categories including:

- Minimum width of the planter strip needed for a tree selection
- If the tree is appropriately sized to plant under overhead wires
- Mature height and canopy width
- General tree form/shape
- Ornamental characteristics – flower color and fall foliage color
- If the tree is native to the region
- Additional comments that may be pertinent to tree selection

The use of the table format with color and graphics is meant to make the updated Street Tree List engaging and easy to use.

The content of the street tree list was updated to provide considerably more recommended species and varieties in the hope of promoting diversity in the urban forest. Recommended species and varieties have been reviewed by the Landscape Review Committee and staff for their appropriateness as street trees.

Trees currently on the list were reviewed for their continued inclusion as recommended street trees. Of note are two species that are no longer recommended. Ornamental Pears (*Pyrus sp.*) are no longer recommended due to their characteristic poor structure that can lead to widespread branch failure. Birches (*Betula sp.*) are no longer recommended and have been placed on the prohibited street tree list because they are subject to infestation from the Bronze Birch Borer. Both of these recommendations originated from trends established by recent Street Tree Removal applications reviewed by the Landscape Review Committee.

Additionally, the revised street tree list was provided to the Public Works Department, McMinnville Water and Light, and the Oregon Department of Forestry for comment. Comments were received from Public Works (Attachment C) and McMinnville Water and Light (Attachment D) and have been incorporated into the street tree list update.

Attachments:

- A. McMinnville Street Tree List, revised April 2019
- B. McMinnville Street Tree List, adopted 2016
- C. Public Works Comments
- D. McMinnville Water and Light Comments

Fiscal Impact:

None.

Recommendation:

Staff recommends approval of the revised McMinnville Street Tree List. A recommended motion is provided below.

Motion for recommendation of approval:

THE LANDSCAPE REVIEW COMMITTEE RECOMMENDS THAT THE CITY COUNCIL APPROVE THE REVISED MCMINNVILLE STREET TREE LIST.

RESOLUTION NO. 2016 - 22

A Resolution establishing a recommended, conditionally permitted, and prohibited street tree list for the City of McMinnville.

RECITALS:

WHEREAS, Section 17.58.090 (Street Tree Standards) of the McMinnville Zoning Ordinance requires that, except where approved by the Landscape Review Committee, the species of street trees to be planted within public rights-of-way -shall be chosen from an approved street tree list; and,

WHEREAS, to satisfy this requirement, City staff has prepared such a list (Exhibit "A"), which has been subsequently reviewed by the McMinnville Landscape Review Committee, the Oregon Department of Forestry, and McMinnville Water and Light, all of whom are in support of the proposed list; and,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF McMINNVILLE, OREGON AS FOLLOWS:

The "McMinnville Street Tree List", attached as Exhibit "A," is hereby approved as the guiding document in the selection of street trees for planting within public rights-of-way in McMinnville.

Adopted by the McMinnville City Council at a regular meeting held the 10th day of May 2016 by the following votes:

Ayes: Drabkin, Hill, Jeffries, Menke, Ruden, Yoder

Nays: _____

Approved this 10th day of May 2016.



MAYOR

Approved as to form:



CITY ATTORNEY

Exhibit “A”

McMinnville Street Tree List

Recommended, Conditionally Permitted, and Prohibited Street Trees

Section 17.58.090 (Street Tree Standards) of the McMinnville Zoning Ordinance notes that the species of street trees to be planted in McMinnville shall be chosen from the “approved street tree list” unless approval of another species is given by the McMinnville Landscape Review Committee. The purpose of this document is to provide such a list for use by those proposing to plant trees within the public rights-of-way of McMinnville.

Within the McMinnville Zoning Ordinance, street trees are defined as *“a living, standing woody plant typically having a single trunk at least 1.5 inches in diameter at a point six inches above mean ground level at the base of the trunk that is located within the street right-of-way.”* Such trees are regulated by the standards put forth in Chapters 17.57 (Landscaping) and 17.58 (Trees) of the McMinnville Zoning Ordinance; further guidelines regarding their use and placement are provided in this document.

In general, McMinnville’s street trees should have the following characteristics:

- Single trunked to allow for adequate vision clearance;
- Growth characteristics that allow for the lower branching to be maintained at a minimum of eight feet above grade to allow for adequate vision and pedestrian clearance;
- Non-columnar to provide the maximum amount of tree canopy (some exceptions);
- Relatively deeper rooting system to protect sidewalks, lawns, and utilities;
- Not brittle or weak-wooded;
- Deciduous;
- Do not drop excessive amounts of litter (fruits, nuts), have thorns, or excessive sap; and
- Not listed as a prohibited tree.

The street trees recommended below were selected for their general adherence to these basic principles. It is important to note, however, that each site is unique and

while in most cases these trees will be appropriate, at other times they may not be due to soil conditions, drainage, specific cultivar, streetscape design considerations, vertical and horizontal space availability, or the presence of nearby utilities and structures. In those cases, alternate species may be permitted or required by the Landscape Review Committee.

This list is subject to modification as additional observations are made regarding growth characteristics of tree varieties within street tree conditions, as well as with the introduction of new and appropriate cultivars.

When considering tree spacing, please note that the spacing noted below are maximums. The purpose of the street tree ordinance is, in part, to “establish and maintain the maximum amount of tree cover on public and private lands in the City.” This objective is taken into consideration when reviewing specific tree variety spacing, especially concerning more columnar varieties where closer spacing may be required.

RECOMMENDED STREET TREES –

The following tree species are generally acceptable for use as street trees:

Small Trees

Typically:

- Small or narrow stature trees (less than 25 feet in height).
- Minimum planting strip width: four feet.
- Spaced to provide a continuous canopy at maturity.
- Appropriate for planting underneath overhead utility lines.

Cherries and Plums

Flowering Cherry (varieties such as: Okame, Akebono, Accolade, Rosea, and Mt Fuji)	Prunus sargentii
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Flowering Plum (varieties such as: Thundercloud, Allred, Mt. St. Helens)	Prunus x blireiana
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Maples

Tartarian Maple	Acer tataricum
Trident Maple	Acer buergeranum
Japanese Maple (varieties over 20' tall)	Acer palmatum

Other

Flowering Dogwood	Cornus florida/kousa
Forest Pansy Redbud	Cercis canadensis 'Forest Pansy'
Japanese Tree Lilac	Syringa reticulata
Tall Stewartia	Stewartia monadelphica

Medium Trees

Typically:

- Mature height of 25-40 feet
- Minimum planting strip width: five feet.
- Spaced to provide a continuous canopy at maturity.

Cherries and Pears

Flowering Pear (varieties such as Capital, Aristocrat, Redspire, Trinity)	<i>Pyrus calleryana</i>
Flowering Cherry (varieties such as Kwanzan, Royal Burgundy, Yoshino)	<i>Prunus serrulata</i>
Sargent Cherry	<i>Prunus sargentii</i>

Maples

Norway Maple (varieties such as Cleveland, Crimson King, Deborah)	<i>Acer platanoides</i>
David's Maple	<i>Acer davidii</i>
Hedge Maple	<i>Acer campestre</i>
Red Maple (varieties such as Red Sunset, October Glory, Autumn Spire)	<i>Acer rubrum</i>

Other

American Hophornbeam	<i>Ostrya virginiana</i>
Eastern Redbud	<i>Cercis canadensis</i>
European Hornbeam	<i>Carpinus betulus</i>
Goldenrain Tree	<i>Koelreuteria paniculata</i>
Honeylocust (thornless variety)	<i>Gleditsia triacanthos 'inermis'</i>
Jacquemontii Birch	<i>Betula jacquemontii</i>
Japanese Snowbell	<i>Styrax japonicus</i>
Pacific Dogwood	<i>Cornus nuttallii</i>
Tricolor Beech	<i>Fagus sylvatica 'Tricolor'</i>
Yellow Wood	<i>Cladrastis lutea</i>

Large Trees

Typically:

- Large trees with mature height over 40 feet.
- Minimum planting strip width: six feet.
- Spaced to provide a continuous canopy at maturity.

Other

Accolade Elm	<i>Ulmus japonica 'Morton'</i>
Bur Oak	<i>Quercus macrocarpa</i>
Chinese Elm, Alee and Athena Classic	<i>Ulmus parvifolia 'Emer I' and 'Emer II'</i>
Chinese Pistache	<i>Pistachia chinensis</i>

Ginkgo (male variety)
Hackberry
Japanese Pagoda Tree
Katsura Tree
Sawleaf Zelkova
Tulip tree

Ginkgo biloba
Celtis occidentalis
Sophora japonica
Cercidiphyllum japonica
Zelkova serrata
Liriodendron tulipifera

CONDITIONALLY PERMITTED STREET TREES –

The following trees are not generally recommended for use as street trees in that they may exhibit one or more of the following characteristics:

1. Invasive root systems;
2. Weak wood;
3. Branch patterns that cause visibility issues; or
4. Susceptible to insect damage.

Use of these trees may be permitted under special circumstances and only after approval is granted by the Landscape Review Committee and only if the problems are satisfactorily met and accepted by the owner, and so noted on the approved plan.

Big leaf maple	Acer macrophyllum – Very large
Birches	Betula spp – Low branching, invasive roots, susceptible to aphids
Black Tupelo	Nyssa sylvatica – Female varieties have small fruit
Box Elder	Acer Negundo – Subject to wind damage
Conifers	Needles, low branching
Elm, DED resistant	Ulmus – Susceptible to pests and storm damage
European Beech	Fagus sylvatica – Some nuts, surface roots
Kentucky Coffee Tree	Gymnocladus dioica – Litter
Lindens	Tilia, spp- Susceptible to aphids
London Plane Tree	Platanus acerifolia – Large seed pods, aggressive roots
Magnolia	Magnolia virginiana/soulangiana – Litter
Mountain ash	Sorbus aucuparia – Litter
Pin Oak	Quercus palustris – Low branching
Red Alder	Alnus rubra – Short lived, brittle, pest prone
Scarlet Oak	Quercus coccinea – Nuts
Shumard Oak	Quercus shumardii – Nuts
Silk Tree	Albizzia julibrissi – Litter, aggressive roots
Silver Maple	Acer saccharinum – Subject to wind damage, large surface roots
Sycamore	Platanus acerifolia – Aggressive roots, prone to disease

































PROHIBITED STREET TREES –

The following trees exhibit one or more of the following characteristics and are therefore not permitted as street trees:

1. Low or weeping branches which cause visibility problems;
2. Invasive root system which may damage underground utilities;
3. Subject to disease or insects;
4. Poisonous; or
5. Fruit drop which causes messy sidewalks and pavement.



















Ash	Emerald ash borer disease
Catalpas	Catalpa spp
Cottonwoods, Poplars, Aspens	Populus spp
Fruit trees	All commercial and large fruiting varieties
Ginkgo (female variety)	Ginkgo biloba
Goldenchain Tree	Laburnum watererii
Hawthorns	Crataegus spp
Locusts	Robinia spp
Nut trees	All commercial and fruiting varieties
Pin Oak	Quercus palustris
Sweetgums	Liquidambar spp
Tree-of-Heaven	Ailanthus
Willows	Salix spp

McMinnville Street Tree List

<i>Scientific Name</i> Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Acer buergerianum</i> Trident Maple	4	No	30	25		n/a			Tolerant of many urban conditions; year-round interest
<i>Acer griseum</i> Paperbark Maple	4	Yes	25	20		n/a			Attractive peeling coppery bark
<i>Acer griseum 'JFS-KW8AGRI'</i> Fireburst Paperbark Maple	4	Yes	25	18		n/a			Outstanding form and fall color, coppery peeling bark
<i>Acer palmatum 'Blood Good'</i> Blood Good Japanese Maple	4	Yes	20	20		n/a			Burgundy foliage
<i>Acer palmatum 'Sango Kaku'</i> Coralbark Japanese Maple	4	Yes	20	20		n/a			Bark on young stems brilliant coral
<i>Acer tartaricum ssp. ginnala 'Flame'</i> Flame Amur Maple	4	Yes	25	20					Fragrant spring flowers, attractive fall color
<i>Amelanchier laevis 'JFS-Arb'</i> Spring Flurry Serviceberry	4	Yes	25	20					Exceptional form, showy spring flowers
<i>Amelanchier x grandiflora 'Autumn Brilliance'</i> Autumn Brilliance Serviceberry	4	Yes	20	15					Attractive spring flowers, fall color
<i>Amelanchier x grandiflora 'Princess Diana'</i> Princess Diana Serviceberry	4	Yes	20	15					Attractive spring flowers, pinkish red fall color
<i>Amelanchier x grandiflora 'Robin Hill'</i> Robin Hill Serviceberry	4	Yes	20	15					Attractive spring flowers, more upright than other varieties
<i>Carpinus caroliniana</i> American Hornbeam	4	No	30	20		n/a			Outstanding fall color, tolerant of many soil conditions
<i>Carpinus japonica</i> Japanese Hornbeam	4	No	30	25		n/a			Fall color not outstanding
<i>Celtis reticulata</i> Western Hackberry	4	No	30	25		n/a			Deep rooting, similar to elms










McMinnville Street Tree List

Recommended Small Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Chionanthus retusus</i> Chinese Fringe Tree	4	Yes	20	30					Showy spring flowers; small, dark blue fruit in fall
<i>Cornus (kousa x nuttallii) x kousa 'KN 30-8'</i> Venus Dogwood	4	Yes	25	20					Large 6" blooms, few fruits
<i>Cornus kousa</i> Kousa Dogwood	4	Yes	20	20					Many cultivars, some have pink/red floral bracts
<i>Franklina alatamaha</i> Franklinia	4	Yes	20	15					Large, fragrant flowers and attractive fall color
<i>Lagerstroemia indica x fauriei 'Tuscarora'</i> Tuscarora Crape Myrtle	4	Yes	20	20					Four season interest
<i>Oxydendron arboretum</i> Sourwood	4	No	30	20					Profuse flower display in summer; brilliant fall color
<i>Parrotia persica 'JLColumnar'</i> Persian Spire Parrotia	4	Yes	25	10					Showy flowers on bare branches in spring; long-lasting fall color
<i>Prunus 'Frankthrees'</i> Mt. St. Helens Plum	4	Yes	20	20					Burgundy foliage; faster growing and sturdier than Newport
<i>Prunus 'Newport'</i> Newport Plum	4	Yes	20	20					Burgundy foliage
<i>Prunus 'Okame'</i> Okame Flowering Cherry	4	Yes	25	20					Rosy pink flowers
<i>Prunus serrulata 'Shirotae'</i> Mt. Fuji Flowering Cherry	4	Yes	20	25					Semi-double white flowers; bronzy fall color
<i>Prunus virginiana 'Canada Red'</i> Canada Red Chokecherry	4	No	30	20					Very cold hardy; foliage emerges green and turns purple
<i>Prunus x yedoensis 'Akebono'</i> Akebono Flowering Cherry	4	Yes	25	25					Masses of large, semi-double pink flowers



























McMinnville Street Tree List

Recommended Small Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Styrax japonicus</i> Japanese Snowbell	4	Yes	20	20					Needs regular water during establishment
<i>Tilia cordata 'Halka'</i> Summer Sprite Linden	4	Yes	20	15		n/a			Well suited to confined city spaces
<i>Zelkova serrata 'JFS-KW1'</i> City Sprite Zelkova	4	Yes	25	20		n/a			Compact form
<i>Zelkova serrata 'Schmidtlow'</i> Wireless Zelkova	4	Yes	25	35		n/a			Ideal shape for planting under utility lines



































McMinnville Street Tree List

Recommended Medium Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Acer campestre</i> Hedge Maple	5	No	35	35		n/a			Very adaptable, tolerant of dry soils and compaction
<i>Acer rubrum</i> 'Franksred' Red Sunset Maple	5	No	45	35		n/a			Brilliant fall color
<i>Acer rubrum</i> 'Armstrong' Armstrong Red Maple	5	No	45	15		n/a			Light green foliage
<i>Acer rubrum</i> 'Bowhall' Bowhall Red Maple	5	No	40	20		n/a			Upright, pyramidal form
<i>Acer rubrum</i> 'Karpick' Karpick Red Maple	5	No	40	20		n/a			Finer texture than other narrow maples
<i>Acer rubrum</i> 'October Glory' October Glory Red Maple	5	No	40	35		n/a			One of the last trees to color in fall
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Keithsform' Norwegian Sunset Maple	5	No	35	25		n/a			Consistent fall color
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Warrensred' Pacific Sunset Maple	5	No	30	25		n/a			Consistent fall color
<i>Acer</i> x <i>freemanii</i> 'Autumn Blaze' Autumn Blaze Maple	5	No	50	40		n/a			Long-lasting fall color
<i>Carpinus betulus</i> 'Fastigiata' Pyramidal European Hornbeam	5	No	40	20		n/a			Columnar when young, maturing into broad pyramidal form
<i>Carpinus betulus</i> 'Frans Fontaine' Columnar European Hornbeam	5	No	35	15		n/a			Retains columnar form into maturity
<i>Carpinus betulus</i> 'JFS-KW1CB' Emerald Avenue Hornbeam	5	No	40	25		n/a			Superior heat tolerance
<i>Cercidiphyllum japonicum</i> Katsura Tree	5	No	40	40		n/a			Sensitive to drought

































McMinnville Street Tree List

Recommended Medium Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Cercis canadensis</i> Eastern Redbud	5	No	30	30					Showy flowers on bare branches in spring
<i>Cercis canadensis</i> 'Forest Pansy' Forest Pansy Eastern Redbud	5	No	30	30					Burgundy foliage; showy flowers on bare branches in spring
<i>Cercis canadensis</i> 'Hearts of Gold' Hearts of Gold Eastern Redbud	5	No	30	30					New pink foliage turns lime; showy flowers on bare branches in spring
<i>Cladastris kentuckea</i> Yellowwood	5	No	40	40					Fragrant spring flowers resemble wisteria; deep-rooted
<i>Cornus</i> 'Eddie's White Wonder' Kousa Dogwood	5	No	30	20					Best in well-drained soil
<i>Cornus nuttallii</i> Pacific Dogwood	5	No	40	30					Large flowers in spring and sometimes fall; part shade
<i>Davidia involucrata</i> Dove Tree	5	No	40	30					Large, unique flowers
<i>Fagus sylvatica</i> 'Fastigiata' Fastigiata Beech	5	No	45	15		n/a			Attractive smooth, gray bark; deep green foliage
<i>Fagus sylvatica</i> 'Roseomarginata' Tricolor European Beech	5	No	30	30		n/a			Attractive bark; variegated foliage (purple, green, & white)
<i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo	5	No	40	40		n/a			Male only; yellow to gold fall color
<i>Ginkgo biloba</i> 'JFS-UGA2' Golden Colonnade Ginkgo	5	No	45	25		n/a			Male only; ideal for narrow street use
<i>Ginkgo biloba</i> 'Magyar' Magyar Ginkgo	5	No	50	25		n/a			Male only; More upright and narrow than Autumn Gold
<i>Ginkgo biloba</i> 'Princeton Sentry' Autumn Gold Ginkgo	5	No	40	15		n/a			Male only; yellow to gold fall color



















McMinnville Street Tree List

Recommended Medium Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Gleditsia triacanthos</i> 'Draves' Street Keeper Honeylocust	5	No	45	20		n/a			Good form; tolerant of urban conditions; thornless
<i>Gleditsia triacanthos</i> 'Skycole' Skyline Honeylocust	5	No	45	35		n/a			Tight, narrow form; tolerant of urban conditions; thornless
<i>Koelreuteria paniculata</i> Golden Rain Tree	5	No	30	30					Midsummer blooms resemble paper lanterns, slow growing
<i>Liriodendron tulipifera</i> 'Fastigiatum' Emerald City Tulip Tree	5	No	50	15					Tall, narrow form; fast growing
<i>Nyssa sylvatica</i> Tupelo	5	No	45	25		n/a			Brilliant yellow-orange fall color; small dark ornamental fruit
<i>Nyssa sylvatica</i> 'Firestarter' Firestarter Tupelo	5	No	35	18		n/a			Dark green foliage turns intensely bright red in fall
<i>Nyssa sylvatica</i> 'Wildfire' Wildfire Tupelo	5	No	45	30		n/a			Foliage emerges bright red and turns green, then yellow-orange in fall
<i>Ostrya virginiana</i> Hophornbeam	5	No	40	25		n/a			Hop-like fruit, slow growing; tolerant of urban conditions
<i>Ostrya virginiana</i> 'JFS-KW5' Autumn Treasure Hophornbeam	5	No	40	20		n/a			Upright narrow form; hop-like fruit; tolerant of urban conditions
<i>Parrotia persica</i> Persian Parrotia	5	No	30	20					Showy flowers on bare branches in spring; low-branched
<i>Parrotia persica</i> 'Vanessa' Vanessa Parrotia	5	No	40	15					Showy flowers on bare branches in spring;
<i>Prunus cerasifera</i> 'Thundercloud' Thundercloud Plum	5	No	30	20					Burgundy foliage
<i>Prunus sargentii</i> Sargent Flowering Cherry	5	No	30	30					Single pink flowers; good fall color; mahogany colored bark















McMinnville Street Tree List

Recommended Medium Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Prunus serrulata</i> 'Kwanzan' Kwanzan Cherry	5	Yes	25	20					Double pink flowers; bronze-red new growth
<i>Prunus</i> 'Snowgoose' Snow Goose Cherry	5	Yes	20	20					Disease-resistant foliage
<i>Prunus subhirtella</i> 'Autumnalis Rosea' Autumn Rose Higan Cherry	5	No	30	25					Double pink flowers in spring with an occasional fall bloom
<i>Prunus x yedoensis</i> Yoshino Cherry	5	No	40	30					Flowers appear before leaves in spring
<i>Rhamnus purshiana</i> Casacara	5	No	30	20		n/a			Native tree with black berries
<i>Stewartia monadelph</i> Tall Stewartia	5	No	30	20					Avoid hot, dry sites; attractive peeling bark
<i>Stewartia pseudocamellia</i> Japanese Stewartia	5	No	30	25					Attractive spring flowers and peeling bark, outstanding fall color
<i>Styrax obassia</i> Fragrant Snowbell	5	No	30	20					Fragrant spring flowers
<i>Tilia cordata</i> 'De Groot' Summer Sprite Linden	5	No	30	20		n/a			Compact form
<i>Zelkova serrata</i> 'Green Vase' Green Vase Zelkova	5	No	50	40		n/a			High tolerance for wind, pollution, drought, and compacted soils; fast grower
<i>Zelkova serrata</i> 'Village Green' Village Green Zelkova	5	No	50	40		n/a			High tolerance for wind, pollution, drought, and compacted soils

McMinnville Street Tree List

Recommended Large Tree Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Fagus grandifolia</i> American Beech	6	No	50	40		n/a			Attractive smooth, gray bark
<i>Fagus sylvatica 'Riversii'</i> Copper European Beech	6	No	60	45		n/a			Attractive smooth, gray bark; deep reddish or purple leaves
<i>Liriodendron tulipifera 'JFS-Oz'</i> Emerald City Tulip Tree	6	No	50	25					Straighter and more upright than species
<i>Fagus sylvatica</i> European Beech	8	No	75	50		n/a			Attractive smooth, gray bark
<i>Liriodendron tulipifera</i> Tulip Tree	8	No	60	30					Fast growing tree; tulip shaped flowers
<i>Platanus x acerifolia 'Bloodgood'</i> Bloodgood London Planetree	8	No	60	40		n/a			Attractive bark; generally tolerant of urban conditions

McMinnville Street Tree List

Prohibited Tree Species

The following trees exhibit one or more of the following characteristics and are therefore not permitted as street trees:

- Low or weeping branches which cause visibility problems;
- Invasive root system which may damage underground utilities;
- Subject to disease or insects;
- Poisonous;
- Fruit drop which causes messy sidewalks and pavement.

Scientific Name Common Name	Comments
<i>Ailanthus sp.</i> Tree-of-Heaven	<i>Ailanthus</i> species exhibit invasive root systems.
<i>Betula sp.</i> Birch	<i>Betula</i> species are threatened by the Bronze Birch Borer.
<i>Catalpa sp.</i> Catalpa	<i>Catalpa</i> species exhibit excessive fruit drop.
<i>Crataegus sp.</i> Hawthorn	<i>Crataegus</i> species exhibit excessive fruit drop.
<i>Fraxinus sp.</i> Ash	<i>Fraxinus</i> species native to North America are threatened by the Emerald Ash Borer.
<i>Ginkgo biloba (female only)</i> Ginkgo	Female <i>Ginkgo</i> exhibit excessive odorous fruit drop.
<i>Laburnum x waterii</i> Goldenchain Tree	<i>Laburnum</i> species exhibit excessive fruit drop.
<i>Liquidambar sp.</i> Sweetgum	<i>Liquidambar</i> species exhibit excessive fruit drop.
<i>Populus sp.</i> Cottonwood, Poplar, Aspen	<i>Populus</i> species exhibit invasive root systems and weak wood.

McMinnville Street Tree List

Prohibited Tree Species

Scientific Name Common Name	Comments
<i>Quercus palustris</i> Pin Oak	<i>Quercus palustris</i> exhibits low or weeping branches and excessive fruit drop.
<i>Robinia sp.</i> Locust	<i>Robinia</i> species exhibit excessive fruit drop and are poisonous to livestock.
<i>Salix sp.</i> Willow	<i>Salix</i> species exhibit invasive root systems.
<i>Nut trees</i> All commercial and fruiting varieties	Commercial nut trees exhibit excessive fruit drop.
<i>Fruit trees</i> All commercial and large fruiting varieties	Commercial fruit trees species exhibit excessive fruit drop.

From: [David Renshaw](#)
To: [Sarah Sullivan](#)
Subject: RE: McMinnville Revised Street Tree List
Date: Thursday, April 11, 2019 10:47:12 AM

Good morning Sarah, and thank you for the opportunity to comment on this list. I would offer no technical comments. My observations are that the list is:

1. Comprehensive as to site conditions and tree options.
2. Very descriptive and user friendly. It is very simple to assess a planting site condition and find tree variety options.
3. Easy to understand and evaluate aesthetic and functional elements such as leaf color, tree shape and size, and apply to the situation.

While I have no standing, my recommendation would be to adopt the list as presented.

Thanks, and please let me know if you have any questions.

From: Sarah Sullivan
Sent: Thursday, March 28, 2019 10:42 AM
To: David Renshaw; Crystal Rhodes (crr@mc-power.com); kristin.ramstad@oregon.gov; katie.lompa@oregon.gov
Cc: Jamie Fleckenstein
Subject: McMinnville Revised Street Tree List

Good morning,

McMinnville's Landscape Review Committee has been working on revising the approved street tree list. The goals of the update were to provide more selection and variety in the recommended species to promote a diverse urban forest, and to provide more information about each recommended selection to promote selecting the "right tree for the right place".

Please review the attached proposed revised street tree list and provide any comments by our office by April 11, 2019. The LRC will discuss the draft list at their meeting on April 17, 2019.

Also attached is the current approved street tree list.

Thanks

Sarah Sullivan
Planning Analyst
City of McMinnville
231 NE 5th Street
McMinnville, OR 97128

503-434-7311

From: [Crystal R. Rhodes](#)
To: [Sarah Sullivan](#)
Subject: RE: McMinnville Revised Street Tree List
Date: Wednesday, April 10, 2019 8:42:56 AM
Attachments: [image001.png](#)
copier@mc-power.com 20190409_164918.pdf

Thank you for allowing us to review your list of street trees. We really like the presentation and how easy it is to use.

We have come across a couple discrepancies in the mature height on some of the trees listed for under wires. Please take a look at the trees we have marked, and the website sheets we are finding the differences on. If you could please take another look at these trees, we would appreciate it. We just do not want to have mature trees any taller than 25'.

Once again, thank you for the opportunity for us to review your list.

Crystal Rhodes

Engineering & Operations Assistant
PH: 503-472-6919 ext. 5
Fax: 503-472-5211
crr@mc-power.com



From: Sarah Sullivan <Sarah.Sullivan@mcminnvilleoregon.gov>
Sent: Thursday, March 28, 2019 10:42 AM
To: David Renshaw <David.Renshaw@mcminnvilleoregon.gov>; Crystal R. Rhodes <crr@mc-power.com>; kristin.ramstad@oregon.gov; katie.lompa@oregon.gov
Cc: Jamie Fleckenstein <Jamie.Fleckenstein@mcminnvilleoregon.gov>
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Also attached is the current approved street tree list.

Thanks

Sarah Sullivan
Planning Analyst
City of McMinnville
231 NE 5th Street
McMinnville, OR 97128
503-434-7311








































McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Acer buergerianum</i> Trident Maple	4	Yes	25 30'	25		n/a			Tolerant of many urban conditions; year-round interest
<i>Acer griseum</i> Paperbark Maple	4	Yes	25	20		n/a			Attractive peeling coppery bark
<i>Acer griseum</i> 'JFS-KW8AGRI' Fireburst Paperbark Maple	4	Yes	25	18		n/a			Outstanding form and fall color, coppery peeling bark
<i>Acer palmatum</i> 'Blood Good' Blood Good Japanese Maple	4	Yes	20	20		n/a			Burgundy foliage
<i>Acer palmatum</i> 'Sango Kaku' Coralbark Japanese Maple	4	Yes	20	20		n/a			Bark on young stems brilliant coral
<i>Acer tartaricum</i> ssp. <i>ginnala</i> 'Flame' Flame Amur Maple	4	Yes	25	20					Fragrant spring flowers, attractive fall color
<i>Amelanchier laevis</i> 'JFS-Arb' Spring Flurry Serviceberry	4	Yes	25	20					Exceptional form, showy spring flowers
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance' Autumn Brilliance Serviceberry	4	Yes	20	15					Attractive spring flowers, fall color
<i>Amelanchier x grandiflora</i> 'Princess Diana' Princess Diana Serviceberry	4	Yes	20	15					Attractive spring flowers, pinkish red fall color
<i>Amelanchier x grandiflora</i> 'Robin Hill' Robin Hill Serviceberry	4	Yes	20	15					Attractive spring flowers, more upright than other varieties
<i>Carpinus caroliniana</i> American Hornbeam	4	Yes	25 35'	20		n/a			Outstanding fall color, tolerant of many soil conditions
<i>Carpinus japonica</i> Japanese Hornbeam	4	Yes	20 30'	25		n/a			Fall color not outstanding
<i>Celtis reticulata</i> Western Hackberry	4	Yes	25 30'	25		n/a			Deep rooting, similar to elms

McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Chionanthus retusus</i> Chinese Fringe Tree	4	Yes	20	30					Showy spring flowers; small, dark blue fruit in fall
<i>Cornus (kousa x nuttallii) x kousa 'KN 30-8'</i> Venus Dogwood	4	Yes	25	20					Large 6" blooms, few fruits
<i>Cornus kousa</i> Kousa Dogwood	4	Yes	30' 20	20					Many cultivars, some have pink/red floral bracts
<i>Franklinia alatamaha</i> Franklinia	4	Yes	20	15					Large, fragrant flowers and attractive fall color
<i>Lagerstroemia indica x fauriei 'Tuscarora'</i> Tuscarora Grape Myrtle	4	Yes	20	20					Four season interest
<i>Oxydendron arboretum</i> Sourwood	4	Yes	50' 20	15					Profuse flower display in summer; brilliant fall color
<i>Parrotia persica 'JLColumnar'</i> Persian Spire Parrotia	4	Yes	25	10					Showy flowers on bare branches in spring; long-lasting fall color
<i>Prunus 'Frankthrees'</i> Mt. St. Helens Plum	4	Yes	20	20					Burgundy foliage; faster growing and sturdier than Newport
<i>Prunus 'Newport'</i> Newport Plum	4	Yes	20	20					Burgundy foliage
<i>Prunus 'Okame'</i> Okame Flowering Cherry	4	Yes	25	20					Rosy pink flowers
<i>Prunus serrulata 'Shirotae'</i> Mt. Fuji Flowering Cherry	4	Yes	20	25					Semi-double white flowers; bronzy fall color
<i>Prunus virginiana 'Canada Red'</i> Canada Red Chokecherry	4	Yes	30' 25	20					Very cold hardy; foliage emerges green and turns purple
<i>Prunus x yedoensis 'Akebono'</i> Akebono Flowering Cherry	4	Yes	25	25					Masses of large, semi-double pink flowers

McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Rhamnus purshiana</i> Casacara	4	Yes	25 30	20		n/a			Small native tree with black berries
<i>Styrax japonicas</i> Japanese Snowbell	4	Yes	20 30	20					Needs regular water during establishment
<i>Tilia cordata 'Halka'</i> Summer Sprite Linden	4	Yes	20	15		n/a			Well suited to confined city spaces
<i>Zelkova serrata 'JFS-KW1'</i> City Sprite Zelkova	4	Yes	25	20		n/a			Compact form
<i>Zelkova serrata 'Schmidtlow'</i> Wireless Zelkova	4	Yes	25	35		n/a			Ideal shape for planting under utility lines
<i>Acer campestre</i> Hedge Maple	5	No	35	35		n/a			Very adaptable, tolerant of dry soils and compaction
<i>Acer rubrum 'Franksred'</i> Red Sunset Maple	5	No	45	35		n/a			Brilliant fall color
<i>Acer rubrum 'Armstrong'</i> Armstrong Red Maple	5	No	45	15		n/a			Light green foliage
<i>Acer rubrum 'Bowhall'</i> Bowhall Red Maple	5	No	40	20		n/a			Upright, pyramidal form
<i>Acer rubrum 'Karpick'</i> Karpick Red Maple	5	No	40	20		n/a			Finer texture than other narrow maples
<i>Acer rubrum 'October Glory'</i> October Glory Red Maple	5	No	40	35		n/a			One of the last trees to color in fall
<i>Acer truncatum x A. platanoides 'Keithsform'</i> Norwegian Sunset Maple	5	No	35	25		n/a			Consistent fall color
<i>Acer truncatum x A. platanoides 'Warrensred'</i> Pacific Sunset Maple	5	No	30	25		n/a			Consistent fall color





























McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Acer x freemanii</i> 'Autumn Blaze' Autumn Blaze Maple	5	No	50	40		n/a			Long-lasting fall color
<i>Carpinus betulus</i> 'Fastigiata' Pyramidal European Hornbeam	5	No	40	20		n/a			Columnar when young, maturing into broad pyramidal form
<i>Carpinus betulus</i> 'Frans Fontaine' Columnar European Hornbeam	5	No	35	15		n/a			Retains columnar form into maturity
<i>Carpinus betulus</i> 'JFS-KW1CB' Emerald Avenue Hornbeam	5	No	40	25		n/a			Superior heat tolerance
<i>Cercidiphyllum japonicum</i> Katsura Tree	5	No	40	40		n/a			Sensitive to drought
<i>Cercis canadensis</i> Eastern Redbud	5	Yes	25	30					Showy flowers on bare branches in spring
<i>Cercis canadensis</i> 'Forest Pansy' Forest Pansy Eastern Redbud	5	Yes	25	30					Burgundy foliage; showy flowers on bare branches in spring
<i>Cercis canadensis</i> 'Hearts of Gold' Forest Pansy Eastern Redbud	5	Yes	25	30					New pink foliage turns lime; showy flowers on bare branches in spring
<i>Cladastris kentuckea</i> Yellowwood	5	No	40	40					Fragrant spring flowers resemble wisteria; deep-rooted
<i>Cornus</i> 'Eddie's White Wonder' Kousa Dogwood	5	No	30	20					Best in well-drained soil
<i>Cornus nuttallii</i> Pacific Dogwood	5	No	40	30					Large flowers in spring and sometimes fall; part shade
<i>Davidia involucrata</i> Dove Tree	5	No	40	30					Large, unique flowers
<i>Fagus sylvatica</i> 'Fastigiata' Fastigiata Beech	5	No	45	15		n/a			Attractive smooth, gray bark; deep green foliage






































McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Fagus sylvatica</i> 'Roseomarginata' Tricolor European Beech	5	No	30	30		n/a			Attractive bark; variegated foliage (purple, green, & white)
<i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo	5	No	40	40		n/a			Male only; yellow to gold fall color
<i>Ginkgo biloba</i> 'JFS-UGA2' Golden Colonnade Ginkgo	5	No	45	25		n/a			Male only; ideal for narrow street use
<i>Ginkgo biloba</i> 'Magyar' Magyar Ginkgo	5	No	50	25		n/a			Male only; More upright and narrow than Autumn Gold
<i>Ginkgo biloba</i> 'Princeton Sentry' Autumn Gold Ginkgo	5	No	40	15		n/a			Male only; yellow to gold fall color
<i>Gleditsia triacanthos</i> 'Draves' Street Keeper Honeylocust	5	No	45	20		n/a			Good form; tolerant of urban conditions; thornless
<i>Gleditsia triacanthos</i> 'Skycole' Skyline Honeylocust	5	No	45	35		n/a			Tight, narrow form; tolerant of urban conditions; thornless
<i>Koelreuteria paniculata</i> Golden Rain Tree	5	No	30	30					Midsummer blooms resemble paper lanterns, slow growing
<i>Liriodendron tulipifera</i> 'Fastigiatum' Emerald City Tulip Tree	5	No	50	15					Tall, narrow form; fast growing
<i>Nyssa sylvatica</i> Tupelo	5	No	45	25		n/a			Brilliant yellow-orange fall color; small dark ornamental fruit
<i>Nyssa sylvatica</i> 'Firestarter' Firestarter Tupelo	5	No	35	18		n/a			Dark green foliage turns intensely bright red in fall
<i>Nyssa sylvatica</i> 'Wildfire' Wildfire Tupelo	5	No	45	30		n/a			Foliage emerges bright red and turns green, then yellow-orange in fall
<i>Ostrya virginiana</i> Hophornbeam	5	No	40	25		n/a			Hop-like fruit, slow growing; tolerant of urban conditions

McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Ostrya virginiana</i> 'JFS-KW5' Autumn Treasure Hophornbeam	5	No	40	20		n/a			Upright narrow form; hop-like fruit; tolerant of urban conditions
<i>Parrotia persica</i> Persian Parrotia	5	No	30	20					Showy flowers on bare branches in spring; low-branched
<i>Parrotia persica</i> 'Vanessa' Vanessa Parrotia	5	Yes	40' 25	15					Showy flowers on bare branches in spring;
<i>Prunus cerasifera</i> 'Thundercloud' Thundercloud Plum	5	No	30	20					Burgundy foliage
<i>Prunus sargentii</i> Sargent Flowering Cherry	5	No	30	30					Single pink flowers; good fall color; mahogany colored bark
<i>Prunus serrulata</i> 'Kwanzan' Kwanzan Cherry	5	Yes	25	20					Double pink flowers; bronze-red new growth
<i>Prunus</i> 'Snowgoose' Snow Goose Cherry	5	Yes	20	20					Disease-resistant foliage
<i>Prunus subhirtella</i> 'Autumnalis Rosea' Autumn Rose Higan Cherry	5	No	30	25					Double pink flowers in spring with an occasional fall bloom
<i>Prunus x yedoensis</i> Yoshino Cherry	5	No	40	30					Flowers appear before leaves in spring
<i>Stewartia monadelph</i> Tall Stewartia	5	No	30	20					Avoid hot, dry sites; attractive peeling bark
<i>Stewartia pseudocamellia</i> Japanese Stewartia	5	Yes	30' 25	25					Attractive spring flowers and peeling bark; outstanding fall color
<i>Styrax obassia</i> Fragrant Snowbell	5	Yes	30' 25	20					Fragrant spring flowers
<i>Tilia cordata</i> 'De Groot' Summer Sprite Linden	5	No	30	20		n/a			Compact form

McMinnville Street Tree List

Recommended Species

Scientific Name Common Name	Minimum Planter Width (ft.)	Under Wires?	Mature Height (ft.)	Canopy Width (ft.)	Tree Form	Flowers	Fall Color	Native	Comments
<i>Zelkova serrata</i> 'Green Vase' Green Vase Zelkova	5	No	50	40		n/a			High tolerance for wind, pollution, drought, and compacted soils; fast grower
<i>Zelkova serrata</i> 'Village Green' Village Green Zelkova	5	No	50	40		n/a			High tolerance for wind, pollution, drought, and compacted soils
<i>Fagus grandifolia</i> American Beech	6	No	50	40		n/a			Attractive smooth, gray bark
<i>Fagus sylvatica</i> 'Riversii' Copper European Beech	6	No	60	45		n/a			Attractive smooth, gray bark; deep reddish or purple leaves
<i>Fraxinus americana</i> 'Autumn Purple' Autumn Purple Ash	6	No	40	25		n/a			Reddish-purple fall color; seedless
<i>Fraxinus oxycarpa</i> 'Raywood' Raywood Ash	6	No	40	30		n/a			Reddish-purple fall color; may produce seeds
<i>Fraxinus pennsylvanica</i> 'Patmore' Patmore Green Ash	6	No	45	35		n/a			Symmetrical, upright form; very adaptable; seedless
<i>Fraxinus pennsylvanica</i> 'Urbanite' Urbanite Green Ash	6	No	50	40		n/a			Seedless; bronzy fall color
<i>Liriodendron tulipifera</i> 'JFS-Oz' Emerald City Tulip Tree	6	No	50	25					Straighter and more upright than species
<i>Fagus sylvatica</i> European Beech	8	No	75	50		n/a			Attractive smooth, gray bark
<i>Fraxinus latifolia</i> Oregon Ash	8	No	75	25		n/a			Will tolerate winter standing water or dry-season drought once established
<i>Liriodendron tulipifera</i> Tulip Tree	8	No	60	30					Fast growing tree; tulip shaped flowers
<i>Platanus x acerifolia</i> 'Bloodgood' Bloodgood London Planetree	8	No	60	40		n/a			Attractive bark; generally tolerant of urban conditions

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Acer buergerianum



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Common Name: trident maple

Type: Tree

Family: Sapindaceae

Native Range: Eastern China, Japan

Zone: 5 to 9

Height: 20.00 to 30.00 feet

Spread: 20.00 to 30.00 feet

Bloom Time: April to May

Bloom Description: Greenish-yellow

Sun: Full sun to part shade

Water: Medium

Maintenance: Low

Suggested Use: Shade Tree, Street Tree

Flower: Insignificant

Leaf: Good Fall

Tolerate: Air Pollution

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Culture

Easily grown in average, medium moisture, well-drained soils in full sun to part shade. Best in full sun. Tolerates some drought.

Noteworthy Characteristics

Acer buergerianum commonly called trident maple or three-toothed maple is native to China, Korea and Japan. It is a small, rounded, deciduous tree that typically grows rather slowly to 20-30'. Triangular, three-lobed leaves (to 3.5" long) are glossy green above and pale green beneath. Variable but usually attractive fall color features shades of dark red and orange. Non-showy, greenish-yellow flowers bloom in spring (April-May). Samaras (to 1" long) mature in fall. Exfoliating bark will develop on mature trunks.

Genus name is the Latin name for a maple tree.

Species name honors Heinrich Buerger, 19th century German botanist.

Problems

No serious insect or disease problems. Limbs may be damaged in winter by snow and/or ice.

Garden Uses

Attractive small tree for streets, patios and around the home. Bonsai.



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Carpinus caroliniana

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Species Native to Missouri

Common Name: American hornbeam 

Type: Tree

Family: Betulaceae

Native Range: Eastern North America

Zone: 3 to 9

Height: 20.00 to 35.00 feet

Spread: 20.00 to 35.00 feet

Bloom Time: February

Bloom Description: White (female), Green (male)

Sun: Part shade to full shade

Water: Medium

Maintenance: Low

Suggested Use: Street Tree, Naturalize

Flower: Insignificant

Leaf: Good Fall

Attracts: Birds

Tolerate: Clay Soil, Black Walnut

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Culture

Easily grown in average, medium moisture soil in part shade to full shade. Prefers moist, organically rich soils.

Noteworthy Characteristics

Carpinus caroliniana, commonly called American hornbeam, is a slow-growing, deciduous, small to medium-sized understory tree with an attractive globular form. It is native to Missouri where it is typically found in rich moist woods, valleys, ravine bottoms and rocky slopes along streams throughout the eastern and Ozark regions of the state (Steyermark). Typically grows 20-35' tall. The smooth, gray trunk and larger branches of a mature tree exhibit a distinctive muscle-like fluting that has given rise to another common name of musclewood for this tree. Flowers appear in spring in separate male and female catkins, with the female catkins giving way to distinctive clusters of winged nutlets. Serrated, elliptic-oval, dark green leaves often produce respectable shades of yellow, orange and red in fall. The extremely hard wood of this tree will, as the common name suggests, take a horn-like polish and was once used by early Americans to make bowls, tool handles and ox yokes. Commercial use of hornbeam wood is not practicable, however, due to the limited amount of wood that can be harvested per tree.

Genus name comes from the classical Latin name.

Specific epithet means of North or South Carolina.

Problems

No serious insect or disease problems. Leaf spots, cankers and twig blight are occasional disease problems.

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Carpinus japonica


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Common Name: Japanese hornbeam

Type: Tree

Family: Betulaceae

Native Range: Japan

Zone: 4 to 9

Height: 20.00 to 30.00 feet

Spread: 20.00 to 30.00 feet

Bloom Time: April

Bloom Description: Green

Sun: Part shade to full shade

Water: Medium

Maintenance: Low

Suggested Use: Street Tree

Flower: Insignificant

Fruit: Showy

Tolerate: Heavy Shade

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Culture

Easily grown in average, medium moisture soil in part shade to full shade. Tolerates full sun. Prefers moist, organically rich soils.

Noteworthy Characteristics

Carpinus japonica, commonly called Japanese hornbeam, is a slow-growing, deciduous, small to medium-sized understory tree with an attractive spreading globular form. It typically grows 20-30' tall in cultivation, but may reach 50' tall in its native habit in Japan. It is noted for its graceful form, attractive foliage and ornamental fruiting catkins. Foliage features doubly-toothed, oblong-lanceolate, taper-pointed, lush dark green leaves with prominent veining. The leaf bases may be rounded to slightly cordate to lopsided. Fall color is negligible. Brown fruiting catkins (to 2.5" long) are sausage-shaped, featuring dense overlapping bracts.

Genus name comes from the classical Latin name.

Specific epithet means of Japan.

Problems

No serious insect or disease problems. Leaf spots, cankers and twig blight infrequently occur.

Garden Uses

An attractively shaped, low-maintenance understory tree for shady sites. May be grown in lawns or naturalized in woodland areas.

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Celtis reticulata

Common name: Netleaf Hackberry

Westerm Hackberry

Pronunciation: SEL-tis (KEL-tis) re-tik-u-LA-ta

Family: Ulmaceae

Genus: *Celtis*

Type: Broadleaf

Native to (or naturalized in) Oregon: Yes

- › Broadleaf deciduous, usually a large shrub, 15-30 feet (4.5-9 m), but may be a tree to a height of 50 ft (15 m), slow growing, often a spreading habit, somewhat scraggly. Leaves simple, alternate, ovate, 3-8 cm long, tapered at apex, base rounded to heart-shaped (cordate), margin serrate except at base but it also may be entire on older plants, rough and bright green above, distinct reticulate vein network below, short petiole, to 5 mm; yellow fall color. Flowers male and female, at the base of leaves in early spring, about 3 mm wide, greenish. Fruit reddish-brown to purple, 1 cm wide, globose, pulp thin but sweet, stalk 1 cm long, pubescent.
- › Sun. Grows on well-drained soils, from dry to moist, alkaline or acidic, rocky to loam. Reportedly plants are strongly tap rooted but possess many shallow roots as well. Does not require supplemental water after establishment. Susceptible to nipple gall.
- › Hardy to USDA Zone 4 Native range extends from southern Nebraska south through central Kansas and Colorado into Texas and northern Mexico, westward to southern California, and north through Washington and Oregon into Idaho. It readily hybridizes with sugarberry (*Celtis laevigata*) and populations with intermediate characteristics have been reported.
- › *reticulata*: net-veined, the leaves
- › Dallas, Oregon: Delbert Hunter Arboretum and Botanic Garden.

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Cornus kousa


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Common Name: kousa dogwood 

Type: Tree

Family: Cornaceae

Native Range: Japan, Korea, China, Taiwan

Zone: 5 to 8

Height: 15.00 to 30.00 feet

Spread: 15.00 to 30.00 feet

Bloom Time: May to June

Bloom Description: White to pinkish (bracts)

Sun: Full sun to part shade

Water: Medium

Maintenance: Low

Suggested Use: Street Tree, Flowering Tree

Flower: Showy

Leaf: Good Fall

Attracts: Butterflies

Fruit: Showy, Edible

Tolerate: Deer

[Garden locations](#)

Culture

Best grown in humusy, organically rich, medium moisture, acidic to neutral, well-drained soils in full sun to part shade. Performs well in sandy loams. Appreciates regular moisture during hot summers.

Noteworthy Characteristics

Cornus kousa, commonly called Kousa dogwood, is a small, deciduous flowering tree or multi-stemmed shrub that typically grows 15-30' tall, with a vase-shaped habit in the early years but eventually maturing to a more rounded form. Bloom occurs in late spring. The showy parts of the Kousa dogwood "flower" (3-5" across) are the four narrowly pointed petal-like white bracts which surround the center cluster of insignificant, yellowish-green, true flowers. Flowers are followed by berry-like fruits (to 1" diameter) which mature to a pinkish red in summer and persist into fall. Fruits are technically edible, but are usually left for the birds. Oval, pointed leaves (to 4" long) are dark green, but usually turns attractive shades of reddish-purple to scarlet in autumn. Mottled, exfoliating, tan and gray bark on mature trees is attractive in winter.

Genus name comes from the Latin word *cornu* meaning horn in probable reference to the strength and density of the wood. *Cornus* is also the Latin name for cornelian cherry.

Specific epithet is the Japanese name for this species.

Problems

No serious insect or disease problems. This plant has better disease resistance and better cold hardiness than flowering dogwood, *Cornus florida*, and is an excellent alternative to flowering dogwood in areas where dogwood anthracnose is a problem. In full sun locations, leaf scorch may appear, particularly if soils are allowed to dry out.

Garden Uses

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Oxydendrum arboreum

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 Common Name: sourwood 

Type: Tree

Family: Ericaceae

Native Range: Eastern and southern United States

Zone: 5 to 9

Height: 20.00 to 50.00 feet

Spread: 10.00 to 25.00 feet

Bloom Time: June to July

Bloom Description: White

Sun: Full sun to part shade

Water: Medium

Maintenance: Low

Suggested Use: Flowering Tree

Flower: Showy, Fragrant

Leaf: Good Fall

Fruit: Showy

Tolerate: Deer

[Garden locations](#)

Culture

Best grown in acidic, moist, organically rich, well-drained soils in full sun. Tolerates part shade, but with somewhat diminished flowering and fall color. Intolerant of drought. Intolerant of urban pollution.

Noteworthy Characteristics

Oxydendrum arboreum, commonly called sourwood or sorrel tree, is a deciduous understory tree that is native to the eastern United States from Pennsylvania south to Florida and Louisiana. It is perhaps most commonly found on rocky wooded slopes in the Appalachian Mountains, often growing in combination with other heath family members (e.g., azaleas and rhododendrons) that share the same acidic soil preferences. In cultivation, it typically grows 20-25' tall with a straight, slender trunk and narrow oblong crown. In the wild, it may reach 50-60' tall. Gray bark on mature trees is fissured, ridged and scaly. Finely-toothed, glossy green leaves (to 5-8" long) are reminiscent of peach. Leaves have a sour taste, hence the common name. Leaves produce consistently excellent fall color, typically turning crimson red. Waxy, lily-of-the-valley-like, white flowers bloom on slender, drooping, one-sided terminal panicles (4-8" long) in early summer. Flowers have a slight fragrance. Flower panicle stems remains in place as the flowers give way to 5-parted dry capsules that ripen to silver-gray in September. Capsules contrast well with the red fall color and provide continuing ornamental interest after leaf drop into winter. Flowers are quite attractive to bees. Sourwood honey is a highly prized local product.

Genus name comes from the Greek words *oxys* meaning acid and *dendron* meaning a tree. The foliage is bitter.

Specific epithet comes from the Latin word *arboreus* (of a tree).

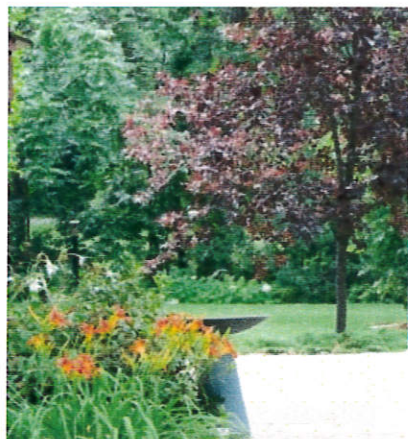
Problems

No serious insect or disease problems. Leaf spot and twig blight infrequently occur.

Garden Uses



Grow Beautifully



Canada Red Chokecherry

Prunus virginiana 'Canada Red'

Item #8178 USDA Hardiness Zone: 2 - 10



Availability

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Plants in the spotlight



Item #4947

Sensational

Cool Season

Color

Enchanted Forest® Impish

Elf™ Lily of the Valley Shrub

Pieris japonica 'Shy' Plant Patent #26,290



Item #9662

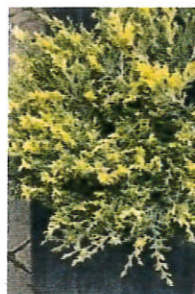
Showy Repeat

Bloomer

Seaside Serenade® Fire

Island Hydrangea

Hydrangea macrophylla 'HORTFIRE' Plant Patent #29,058



Item #4968

Dramatic

Foliage Color

Plant Description

This tough, hardy, and colorful ornamental chokecherry is perfect for difficult spots, tolerating heat, cold, wind and poor soil. Each new flush of bright green leaves turns bright reddish purple, providing striking color throughout the growing season. The arching branches develop an evenly rounded crown, creating an attractive silhouette even when dormant. Deciduous.

Overview

Light Needs:



Partial to full sun

Watering Needs:



Water regularly - weekly, or more often in extreme heat.

Average Landscape Size:



Reaches 25 to 30 ft. tall, 15 to 20 ft. wide.

Key Feature:



Dramatic Foliage Color

Blooms:



Small white flowers in spring, followed by small black fruit

Landscape Uses:



Erosion Control , Mass Planting , Privacy Screen , Specimen , Wildlife Garden , Windbreak

Detail

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Rhamnus Purshiana: Cascara

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Our native of the Buckthorn family, *Rhamnus purshiana*, is a real “sleeper” among our native trees -- frequently overlooked and under-appreciated.

Yet it is a widely-adaptable small tree that is a favorite for birds and suitable for the smaller urban garden; growing as a shrub to about 15 feet, it can also reach 30 feet as a small tree.

Described once as looking like “an alder crossed with a birch with a cherry thrown in” -- the Cascara’s mottled gray bark is topped with deeply-ridged, oval leaves usually dark green on their topside with lighter green underneath.

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Styrax japonicus


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 Common Name: Japanese snowbell 

Type: Tree

Family: Styracaceae

Native Range: China, Japan, Korea

Zone: 5 to 9

Height: 20.00 to 30.00 feet

Spread: 20.00 to 30.00 feet

Bloom Time: May to June

Bloom Description: White

Sun: Full sun to part shade

Water: Medium

Maintenance: Medium

Suggested Use: Flowering Tree

Flower: Showy, Fragrant

[Garden locations](#)
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Culture

Best grown in organically rich, acidic, medium moisture, well-drained soils in full sun to part shade. Prune as needed in winter to shape.

Noteworthy Characteristics

Styrax japonicus, called Japanese snowbell, is a compact, deciduous flowering tree with horizontal branching and a rounded crown. It typically grows to 20-30' tall and as wide, but infrequently can reach up to 50' tall. It is noted for its pendulous clusters of bell-shaped, mildly fragrant, 5-petaled, waxy white flowers (each to 3/4" diameter) that bloom in May-June. Drooping flower clusters are easily visible because of the upward posture of the foliage. Flowers give way to greenish-brown, olive-shaped drupes that often persist into late autumn. Gray bark fissures on older branches to reveal orange inner bark which can be attractive in winter. Elliptic-ovate, glossy, medium to deep green leaves (to 3" long). Fall color is usually insignificant, however leaves may sometimes turn yellow to red. This tree is in the same family as and closely related to *Halesia* (silverbell).

Genus name comes from the classical Greek name derived from a Semitic name for these resin producing plants.

Specific epithet means of Japan.

Problems

No serious insect or disease problems.

Garden Uses

Shrub borders. Open woodland gardens. Lawn specimen.


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Cercis canadensis


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Species Native to Missouri

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Common Name: eastern redbud 
 Type: Tree
 Family: Fabaceae
 Native Range: Eastern North America
 Zone: 4 to 8
 Height: 20.00 to 30.00 feet
 Spread: 25.00 to 35.00 feet
 Bloom Time: April
 Bloom Description: Pink
 Sun: Full sun to part shade
 Water: Medium
 Maintenance: Low
 Suggested Use: Street Tree, Flowering Tree, Naturalize
 Flower: Showy
 Leaf: Good Fall
 Attracts: Butterflies
 Tolerate: Deer, Clay Soil, Black Walnut
[Garden locations](#)

Culture

Easily grown in average, medium moisture, well-drained soils in full sun to part shade. Part shade is best in hot summer climates. Performs best in moderately fertile soils with regular and consistent moisture. Avoid wet or poorly drained soils. Since this tree does not transplant well, it should be planted when young and left undisturbed.

Noteworthy Characteristics

Cercis canadensis, commonly called eastern redbud, is a deciduous, often multi-trunked understory tree with a rounded crown that typically matures to 20-30' tall with a slightly larger spread. It is particularly noted for its stunning pea-like rose-purple flowers which bloom profusely on bare branches in early spring (March-April) before the foliage emerges. This tree is native to eastern and central North America from Connecticut to New York to southern Ontario and the Great Lakes south to Western Texas and Florida. It is found in open woodlands, thickets, woodland margins, limestone glades and along rocky streams and bluffs throughout Missouri (Steyermark). Flowers (to 1/2" wide) bloom in clusters of 4-10. Flowers are followed by flattened leguminous bean-like dry seedpods (to 2-4" long) that mature to brown in summer. Each pod has 6-12 seeds. Pods may remain on the tree into winter. Alternate, simple, cordate, broadly ovate to nearly orbicular, dull green to blue-green leaves (3-5" across) have a papery texture and are short pointed at the tip. Leaves turn pale yellow to greenish-yellow in fall. *Cercis canadensis* is the state tree of Oklahoma.

Genus name comes from the Greek word *kerkis* meaning weaver's shuttle in reference to the resemblance of each seed pod to a weaver's shuttle.

Specific epithet is in reference to Canada (southern Ontario) being part of the native range of this tree.

Problems

Canker can be a significant disease problem. Verticillium wilt, dieback, leaf spots, mildew and blights may also occur. Insect pests include Japanese beetles, tree hoppers, leaf hoppers, caterpillars, borers, webworms and scale. Keeping the tree vigorous by regular

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Cercis canadensis 'Forest Pansy'

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Common Name: eastern redbud 

Type: Tree

Family: Fabaceae

Zone: 5 to 9

Height: 20.00 to 30.00 feet

Spread: 25.00 to 35.00 feet

Bloom Time: April

Bloom Description: Rosy pink

Sun: Full sun to part shade

Water: Medium

Maintenance: Low

Suggested Use: Flowering Tree

Flower: Showy, Good Cut

Leaf: Colorful, Good Fall

Attracts: Hummingbirds

Tolerate: Deer, Clay Soil, Black Walnut

[Garden locations](#)

Culture

Easily grown in average, medium moisture, well-drained soils in full sun to part shade. Part shade is best in hot summer climates. Performs best in moderately fertile soils with regular and consistent moisture. Avoid wet or poorly drained soils. Since this tree does not transplant well, it should be planted when young and left undisturbed.

Noteworthy Characteristics

Cercis canadensis, commonly called eastern redbud, is a deciduous, often multi-trunked understory tree with a rounded crown that typically matures to 20-30' tall with a slightly larger spread. It is particularly noted for its stunning pea-like rose-purple flowers which bloom profusely on bare branches in early spring (March-April) before the foliage emerges. This tree is native to eastern and central North America from Connecticut to New York to southern Ontario and the Great Lakes south to Western Texas and Florida. It is found in open woodlands, thickets, woodland margins, limestone glades and along rocky streams and bluffs throughout Missouri (Steiermark). Flowers (to ½" wide) bloom in clusters of 4-10. Flowers are followed by flattened leguminous bean-like dry seedpods (to 2-4" long) that mature to brown in summer. Each pod has 6-12 seeds. Pods may remain on the tree into winter. Alternate, simple, cordate, broadly ovate to nearly orbicular, dull green to blue-green leaves (3-5" across) have a papery texture and are short pointed at the tip. Leaves turn pale yellow to greenish-yellow in fall. *Cercis canadensis* is the state tree of Oklahoma.

Genus name comes from the Greek word *kerkis* meaning weaver's shuttle in reference to the resemblance of each seed pod to a weaver's shuttle.

Specific epithet is in reference to Canada (southern Ontario) being part of the native range of this tree.

'Forest Pansy' is a purple-leaved cultivar of the popular Missouri native redbud tree. Fall color is variable, but often includes attractive shades of reddish-purple and orange.

Problems

Canker can be a significant disease problem. Verticillium wilt, dieback, leaf spots, mildew and blights may also occur. Insect pests include Japanese beetles, tree hoppers, leaf

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Parrotia persica 'Vanessa' (Persian Ironwood)

Persian Ironwood 'Vanessa'



An outstanding four-season small tree, Parrotia persica 'Vanessa' (Persian Ironwood) is rich of many exceptional attributes. More upright and columnar than the species, its branches arch gracefully outward towards the tip. They bear a canopy of oval-shaped, lustrous leaves which emerge bronze and burgundy, mature to darker green in summer and turn spectacular shades of bronze, crimson, orange and brilliant gold in fall, before shedding to the ground. Equally exquisite is the flaky gray bark, which becomes a real showstopper in winter. Finally, small, spidery, red flowers, resembling those of Witch Hazel (*Hamamelis*), are produced on bare stems in late winter and early spring, adding further interest.

Slow-growing, 'Vanessa' is regarded as one of the most spectacular and exotic-looking trees for the winter landscape.

- ★ Recipient of the prestigious **Award of Garden Merit** of the Royal Horticultural Society for its outstanding qualities. We use cookies on this website, you can [read about them here](#). To use the website as intended please
- ★ Grows up to 15-40 ft. tall (4.5-12 m) and 10-20 ft. wide (3-6 m).

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Grow Beautifully



Japanese Stewartia

Stewartia pseudocamellia

Item #7159 USDA Hardiness Zone: 5 - 8



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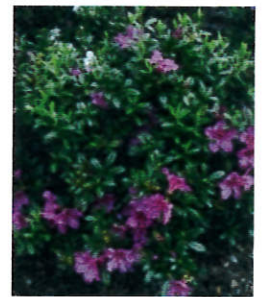
Item #41453

Compact

Flowering Vine

Boulevard® Ninon™ Clematis

Clematis 'Evipo052' Plant Patent Applied For



Item #41203

Showy Repeat

Bloomer

Double Shot® Grape Azalea

Rhododendron 'RLH1-14P14' Plant Patent #24,751



Item #42090

Compact

Flowering Vine

Boulevard® Olympia™

Clematis

Clematis 'Evipo099' Plant Patent Applied For



Plant Description

Lovely, Camellia-like blooms with white petals and orange centers highlight fresh green leaves. Foliage turns bronzy-purple in fall. This is an all season performer. Deciduous.

Overview

Light Needs:



Partial to full sun

Watering Needs:



Water regularly to maintain wet or evenly moist soil - weekly or more.

Average Landscape Size:



Slow growing to 15-30 ft. tall, 20-25 ft. wide.

Key Feature:



Year-round Interest

Blooms:



Summer

Landscape Uses:



Border , Specimen , Woodland Garden

Detail

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Styrax obassia


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Common Name: fragrant snowbell

Type: Tree

Family: Styracaceae

Native Range: Japan

Zone: 5 to 8

Height: 20.00 to 30.00 feet

Spread: 15.00 to 25.00 feet

Bloom Time: May to June

Bloom Description: White

Sun: Full sun to part shade

Water: Medium

Maintenance: Medium

Suggested Use: Flowering Tree

Flower: Showy, Fragrant

Other: Winter Interest

[Garden locations](#)

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Culture

Best grown in medium moisture, acidic, organically rich, well-drained soil in full sun to part shade. Prune in winter to control shape. Best planted in a protected location in USDA Zone 5.

Noteworthy Characteristics

Styrax obassia, commonly called fragrant snowbell, is a small, slender, upright tree with ascending branches and rounded crown or a large shrub. Typically grows 20-30' tall. Bell-shaped, fragrant, white flowers with showy yellow stamens appear in pendulous, terminal racemes (to 8" long) in May-June (somewhat late for trees). Flowers are often partially obscured by the large, velvety, oval-rounded, medium green leaves (to 8" long). Flowers give way to drupes which may persist into late autumn. Smooth gray bark exfoliates on the trunks of older trees revealing an attractive orange inner layer and resulting winter interest.

Genus name comes from the classical Greek name derived from a Semitic name for these resin producing plants.

Specific epithet is a Japanese name.

Problems

No serious insect or disease problems. Flower buds and foliage are susceptible to late winter/early spring frost damage.

Garden Uses

Shrub borders. Understory tree for woodland gardens. Lawn specimen.