

ZONING

27 Attachment 5

Township of Fayette

Appendix E

TABLE 20: LARGE SHADE TREES (NOT TO BE USED UNDER UTILITIES)

Common Name	Scientific Name	Recommended Cultivar	Note	Native
Freeman Maple	<i>Acer x freemanii</i>		For narrow streets, use 'Armstrong'	Y
Red Maple	<i>Acer rubrum</i>	Armstrong, Autumn Flame, October Glory, Red Sunset, others	For narrow streets, use 'Armstrong'	Y
Sugar Maple	<i>Acer saccharum</i>	Goldspire	For narrow streets	Y
Hornbeam	<i>Carpinus betulus</i>	Fastigiata, Frans Fontaine	For narrow streets, use 'Frans Fontaine'	N
Ginkgo	<i>Ginkgo biloba</i>	Princeton Sentry, Autumn Gold, Magyar	For narrow streets; This is an all-male cultivar without fruit	N
Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Imperial		Y
Emerald Sentinel Sweetgum	<i>Liquidambar styraciflua</i>	Clydesform	For narrow streets, Produces dihiscent dry fruit	Y
Sweetgum	<i>Liquidambar styraciflua</i>	Rotundiloba	Fruitless Sweetgum cultivar	Y
Black Tupelo, Blackgum	<i>Nyssa sylvatica</i>	Redraye, Wildfire, others		Y
Sargent Cherry	<i>Prunus sargentii</i>		For narrow streets, use 'Columnaris'	Y
Green Pillar Pin Oak	<i>Quercus palustris</i>	Pringreen only	For narrow streets	Y
Sumard Oak	<i>Quercus shumardii</i>			Y
American Linden	<i>Tilia americana</i>	Redmond or other upright cultivar		Y

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Common Name	Scientific Name	Recommended Cultivar	Note	Native
Littleleaf Linden	<i>Tilia cordata</i>			Y
Hybrid Elm	<i>Ulmus</i> 'Homestead'	Homestead		Y
Lacebark Elm	<i>Ulmus parvifolia</i>	Alee®, Everclear®, Emerald Flair™	For narrow streets, use Everclear®	
Zelkova	<i>Zelkova serrata</i>	Green Vase, Musashino	For narrow streets, use 'Musashino'	N

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TABLE 21: SMALL UNDERSTORY TREES (MAY BE APPROPRIATE FOR USE UNDER UTILITIES)

Common Name	Scientific Name	Recommended cultivar	Note	Native
Serviceberry	<i>Amelanchier laevis</i>	Cumulus, Majestic	Tree form	Y
Apple Serviceberry	<i>Amelanchier x grandiflora</i>	Autumn Brilliance		Y
American Hornbeam	<i>Carpinus caroliniana</i>			Y
Japanese Tree Lilac	<i>Syringa reticulata</i>	Summer Snow, Ivory Silk, China Snow® ('Morton')		N
Eastern Redbud	<i>Cercis canadensis</i>	Appalachian Red, f. <i>alba</i>		Y
Amur Maackia	<i>Maackia amurensis</i>			N
Flowering Crabapple	<i>Malus spp.</i>	Adirondak, American Salute® ('Amsalzam'), American Triumph™ ('Amertrizam'), Centurion® ('Centsam'), 'Sentinel'	Can use other varieties with upright form and persistent fruit	Y
Flowering Cherry	<i>Prunus</i>	Accolade, Snow Goose		
Bessonia Black Locust	<i>Robinia pseudoacacia</i>	Bessonia only		Y
Oak-Leaf Mountainash	<i>Sorbus x hybrida</i> or <i>Sorbus x thuringiaca</i>	Fastigiata		N
Summer Sprite® Littleleaf Linden	<i>Tilia cordata</i>	Halka only		N
Wireless® and City Sprite™ Japanese Zelkova	<i>Zelkova serrata</i>	Schmidtlow, JFS-KW1		N

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TABLE 22: PROHIBITED PLANS (NON-NATIVE INVASIVE TREES)

Common Name	Scientific Name
Trees	
Norway Maple	<i>Acer platanoides</i>
Amur Maple	<i>Acer ginnala</i>
Hedge Maple	<i>Acer campestre</i>
Mimosa	<i>Albizia julibrissin</i>
Tree-of-Heaven	<i>Allanthus altissima</i>
Callery Pear, Bradford Pear	<i>Pyrus calleryana</i> & cultivars
Siberian Elm	<i>Ulmus pumila</i>
Shrubs	
Japanese Barberry	<i>Berberis japonica, B. vulgaris</i>
Russian Olive	<i>Eeagnus angustifolia</i>
Autumn Olive	<i>Eleagnus umbellata</i>
Privet	<i>Ligustrum spp.</i>
Japanese Honeysuckle	<i>Lonicera japonica</i>
Bush honeysuckles	<i>Lonicera spp.</i>
Nandina	<i>Nandina domestica</i>
Japanese Knotweed	<i>Polydonum cuspidatum</i>
Multiflora Rose	<i>Rosa multiflora</i>
*These documented locally invasive plants shall not be installed in required City plantings; where pre-existing, they shall not fulfill any vegetation requirements; and they shall be removed prior to release of any performance bond or contract with the City.	

Notes:

- A. Shade trees - Minimum 1 1/2" cal. DBH
- B. Understory trees - Minimum 1 1/2" cal. DBH
- C. Consider available soil volume when selecting a species for planting. Provide minimum 2 cu. Ft. of rootable soil volume per square foot of mature tree canopy size.

Sources:

- A. <http://www.hort.cornell.edu/uhi/outreach/recurbtrees/pdfs/~recurbtrees.pdf>
- B. <https://www.dcnr.pa.gov/Conservation/WildPlants/InvasivePlants/InvasivePlantFactSheets/Pages/default.aspx>
- C. https://stormwater.pca.state.mn.us/index.php?title=Tree_species_list_-_morphology