

Landscape Planting Guide For the Town of McCandless

Rev. 9/29/2021



Purpose - This guide has been compiled by the McCandless Environmental Advisory Council (EAC) for use as a guide for developers in the Town. The categories shown (Canopy Trees, Understory Trees, Evergreen Trees and Shrubs) align with the components of the bufferyard requirements in the Town Zoning Ordinance. This guide can also be useful for residents in choosing appropriate plantings for yards.

A word about native plants - Although not all plantings listed here are native to Western Pennsylvania, it is desired that native species be chosen whenever possible. The Department of Conservation and Natural Resources (DCNR) defines a native plant as one that occurred within Pennsylvania before European settlement. The use of native plants is easy and protects the biodiversity of our region. Because Western Pennsylvania's native plants are adapted to grow here, they thrive with less maintenance, reducing the labor and expense of watering and fertilizing. They also provide shelter for many birds, insects and mammals, and the fruits produced by these plants offer essential foods for all forms of wildlife.

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McCandless Environmental Advisory Committee
September 29, 2021

Category: Canopy Trees
 Description: Large shade trees
 Uses: Use for streets, bufferyards and parking lots. Not for use under power lines.

| COMMON NAME | BOTANICAL NAME | NATIVE | WILDLIFE VALUE | DROUGHT TOLERANT | DEER RESISTANT | NOTES |
|---------------------------|--------------------------------|--------|-------------------|---------------------|-------------------|---|
| Beech, American | <i>Fagus grandifolia</i> | Yes | Good | No | No | Sensitive to salt |
| Black Gum | <i>Nyssa sylvatica</i> | Yes | Good | Moderate | No | Tolerant of urban conditions |
| Chestnut, Horse | <i>Aesculus hippocastanum</i> | No | Good | Moderate | No | Tolerant of urban conditions |
| Elm, Rock | <i>Ulmus thomasii</i> | Yes | Good | Good | No | |
| Elm, Slippery | <i>Ulmus rubra</i> | Yes | Good | Moderate | No | |
| Honeylocust | <i>Gleditsia triacanthos</i> | Yes | Good | Moderate | No | Tolerant of pollution and salt |
| Maple, Red | <i>Acer rubrum</i> | Yes | Good | Low | No | Tolerant of urban conditions except salt |
| Maple, Sugar | <i>Acer saccharum</i> | Yes | Good | Moderate | No | Intolerant of high heat, pollution and road salt |
| Oak, Black | <i>Quercus velutina</i> | Yes | Good | Moderate | No | |
| Oak, Pin | <i>Quercus palustris</i> | Yes | Good | Low-moderate | No | Suitable for urban landscapes |
| Oak, Red | <i>Quercus rubra</i> | Yes | Good | Low-moderate | No | Oak wilt is an issue. Tolerant of urban conditions |
| Oak, White | <i>Quercus alba</i> | Yes | Good | Moderate | No | |
| Sweet Gum | <i>Liquidambar styraciflua</i> | Yes | Good | Yes | No | |
| Tuliptree (Yellow Poplar) | <i>Liriodendron tulipifera</i> | Yes | Good | Good | No | |

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Category: Small to Medium (Understory) Tree
 Description: Maximum mature height < 25'.
 Uses: Acceptable for planting under utility lines.

| COMMON NAME | BOTANICAL NAME | NATIVE | WILDLIFE VALUE | DROUGHT TOLERANT | DEER RESISTANT | NOTES |
|----------------------|----------------------------------|--------|----------------|------------------|----------------|---|
| Arbovitae, Eastern | <i>Thuja occidentalis</i> | Yes | Good | Yes | No | |
| Crabapple, American | <i>Malus coronaria</i> | Yes | Good | Moderate | Yes | |
| Dogwood, Flowering | <i>Cornus florida</i> | Yes | Good | No | No | Not tolerant of heat, pollution, road salt. |
| Hawthorn, Washington | <i>Crataegus phaenopyrum</i> | Yes | Good | Yes | Yes | |
| Lilac, Japanese Tree | <i>Syringa reticulata</i> | No | Good | Yes | Yes | |
| Magnolia, Saucer | <i>Magnolia soulangiana</i> | No | Good | Moderate | Yes | |
| Magnolia, Star | <i>Magnolia stellata</i> | No | Good | Moderate | Yes | |
| Pine, Mugo | <i>Pinus mugo</i> | No | | Yes | Maybe | |
| Plum, Newport Purple | <i>Prunus cerasifera</i> Newport | No | Good | Good | Yes | |
| Redbud, Eastern | <i>Cercis Canadensis</i> | Yes | Good | Yes | No | |
| Serviceberry | <i>Amalenchier canadensis</i> | Yes | Good | Good | Yes | Tolerant of urban conditions |

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Category: Evergreen Trees
 Uses: Evergreen/Conifer in bufferyards

| COMMON NAME | BOTANICAL NAME | NATIVE | WILDLIFE VALUE | DROUGHT TOLERANT | DEER RESISTANT | NOTES |
|---------------------|-----------------------------|--------|----------------|------------------|----------------|--|
| Arbovitae, Eastern | <i>Thuja occidentalis</i> | Yes | Good | Yes | No | |
| Cedar, Eastern Red | <i>Juniperus virginiana</i> | Yes | Good | Yes | Yes | 40' to 50' tall |
| Fir, White | <i>Abies concolor</i> | No | Good | Moderate | No | 30' to 50' tall |
| Hemlock, Eastern | <i>Tsuga canadensis</i> | Yes | Good | No | Yes | 60' to 80' tall, wooly adelgid threat |
| Holly, American | <i>Ilex opaca</i> | Yes | Good | Moderate | Yes | Tolerant of air pollution and salt |
| Pine, Eastern White | <i>Pinus strobus</i> | Yes | Good | Yes | Yes | 50' to 80' tall, Fast growing. Intolerant of wind, ice, heavy snow |
| Pine, Scots | <i>Pinus sylvestris</i> | No | Good | Moderate | Yes | Up to 60' tall |

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Category: Shrubs

Uses: Acceptable for planting under utility lines and for use as shrubs in bufferyards.

| COMMON NAME | BOTANICAL NAME | NATIVE | WILDLIFE VALUE | DROUGHT TOLERANT | DEER RESISTANT | NOTES |
|--------------------|------------------------------|--------|----------------|------------------|----------------|---|
| Bayberry, Northern | <i>Myrica pensylvanica</i> | Yes | Good | Yes | Yes | Tolerant of salt spray |
| Chokeberry, Red | <i>Aronia arbutifolia</i> | Yes | Good | Yes | Yes | Tolerant of urban conditions |
| Forsythia | <i>Forsythia</i> spp. | No | Minimal | Yes | Used to be | Tolerant of urban conditions |
| Holly, Mountain | <i>Ilex montana</i> | Yes | Good | Yes | Yes | Most variations deer resistant. Tolerant of salt |
| Hydrangea, Wild | <i>Hydrangea arborescens</i> | Yes | Good | Moderate | No | |
| Juniper, Common | <i>Juniperus communis</i> | Yes | Good | Yes | Yes | Grows on poor sites |
| Magnolia, Jane | <i>Magnolia</i> x 'Jane' | No | Good | Moderate | Yes | |
| Poke Milkweed | <i>Asclepias exaltata</i> | Yes | Good | Yes | Yes | Special value to bees |
| Spicebush | <i>Lindera benzoin</i> | Yes | Good | Moderate | Used to be | |
| Yew, Japanese | <i>Taxus cuspidata</i> | No | Low | Yes | Yes | Berries toxic to humans and some animals |