Harrison Township

Revised: 1/30/16

RECOMMENDED STREET TREES & CONIFERS

To ensure that the each tree planted is appropriate for its specific location and has the greatest likelihood of long-term success, the following list provides recommendations of trees based on the experience of TreeVitalize Pittsburgh, the City of Pittsburgh Forestry Department, and the Pennsylvania Department of Conservation and Natural Resources.

Tree Species List For Planting (Adapted from the Recommended Tree Species for Pittsburgh's Streets)

SHADE TREES

Trees in the Shade Tree category should be planted where no overhead utilities exist. Shade trees are the most desirable size of tree for planting, and should be used at all times in the absence of overhead wires.

Acer rubrum 'Franksred' - Red Sunset Red Maple (do not use within 5' of sidewalks; aggressive root system)
Acer x freemanni 'Celzam' **-** Celebration Freeman Maple (do not use within 5' of sidewalks; aggressive root system)
Aesculus x carnea 'Briotii' - Ruby Red Horsechestnut (less mid-summer scorch than *hippocastanum*
Cercidiphyllum japonecum Tree Form- Katsura Tree (requires more water during establishment years than most other trees)
*Corylus colurna (*tree form) - Turkish Hazel or Turkish Filbert
Eucommia ulmoides - Hardy Rubber Tree (not pretty but can be useful)
Ginkgo biloba (any male variety) - Ginkgo (male example is Princeton Sentry)
Gleditsia triacanthos (any thornless, seedless, variety) - Honeylocust
Gymnocladus dioicus (male variety only) - Kentucky Coffeetree
Liriodendron tulipifera - Tulip Tree (open lawn or large parking island)
Metasequoia glytostroboides – Dawn Redwood (requires larger than usual pit if used as a street tree, or use in open planting areas)
Nyssa sylvatica - Blackgum
Ostrya virginiana – American Hophornbeam
Platanus x acerifolia 'Bloodgood' **-** Bloodgood London Planetree
Quercus bicolor - Swamp White Oak
Quercus macrocarpa – Bur Oak
Quercus rubra - Northern Red Oak
Quercus palustris - Pin Oak
Sophora japonica - Scholartree (flower issues make this an open space tree not suited to sidewalk use)
Taxodium distichum – Baldcypress (for large areas)
Tilia tomentosa - Silver Linden (open space tree)

Ulmus parvifolia – Lacebark Elm/Chinese Elm
Ulmus Hybrids – disease resistant trees like 'Homestead', 'Pioneer', 'Accolade', 'Frontier', 'Liberty' and 'Urban'.
Zelkova serrata – Zelkova ('Green Vase' is not recommended in commercial areas where it may block signage)

UTILITY-COMPATIBLE TREES –
Group A (under-wire use)
Group A applies to most plantings under utility lines. This is necessary because most wires are less than 25' above ground. Where possible, offset trees so they are not directly under the wires.

Acer tataricum – Tatarian maple 15'-25'
Crataegus crus-galli var.'Inermis' – Thornless cockspur hawthorn 15'-20'
Crataegus laevigata 'Superba' – Crimson Cloud hawthorn (tree form) 15'-20'
Magnolia stellata – Star Magnolia (tree form) 10'-20'
Malus cultivars – crabapple (disease resistance emphasized) all under 22'
Adams, Amsalzam, Centurion, Donald Wyman, Harvest Gold, Prairifire, Professor Sprenger, Red Jewel, Robinson, Sentinel, Sugar Tyme, Strawberry Parfait
(always specify tree form for crabapple selection)
(Fruit makes Malus undesirable in commercial areas)
Malus floribunda – Japanese flowering crabapple under 25'
Malus sieboldii x zumi 'Calocarpa' – Zumi crabapple under 25'
Malus 'Spring Snow' tree form – Spring Snow Crabapple 15-20'
(fruit makes Malus undesireable in commercial areas)

Group B (use only under wires 25' and higher)
Group B applies only to utility plantings where the bottom wire is over 25' above ground. Where possible, offset trees so they are not directly under the wires.

Acer buergeranum – Trident Maple (tree form) 20-30'
Acer campestre – Hedge maple (tree form) 25'-40'
Acer campestre 'Evelyn' – Queen Elizabeth hedge maple 30'-40'
Acer griseum – Paperbark Maple 25'-35'
Amelanchier laevis 'Cumulus' or "Majestic' – Apple Serviceberry 20'-30'
Amelanchier x grandiflora – Serviceberry (many cultivars) 20'-30'
*Carpinus betulus "*Fastigiata' – European Hornbeam (tree form) 30'-40'
Carpinus caroliniana – American Hornbeam (useful in full shade) 20-35'
Cercis canadensis – Eastern Redbud 25'-30'
Cornus kousa – Kousa Dogwood (esp. Rutgers hybrids) 20'-30'
Koelreuteria paniculata - Goldenrain Tree 25'–40'
Magnolia 'Galaxy' – Galaxy Magnolia (tree form) 20'-30'
Phellodendron amurense – Amur Corktree 30'-40'
Prunus sargentii – 'Columnar' – Sargent cherry 30'
Prunus serrulata 'Amanogawa', 'Kwanzan' – Japanese flowering cherry 25'-35'
Prunus virginiana 'Shubert' – Shubert Chokecherry 20'-30'

Sorbus species – Mountain Ash 15'-35' (in limited quantities)
Syringa reticulata 'Summer Snow', 'Ivory Silk' – Japanese Tree lilac 20'-25'

Salt Tolerant
Jap lilac, bald Cyprus, hedge maple, ginkgo, elm, honey loc

Tree Species Prohibited for Use (adapted from the Department of Conservation and Natural Resources)

Acer ginnala – Amur Maple
Acer platanoides – Norway maple
Acer pseudoplatanus – Sycamore maple
Ailanthus altissima – Tree-of-heaven
Albizia julibrissin – Mimosa
Elaeagnus angustifolia – Russian olive
Elaeagnus umbellata – Autumn olive
Morus alba – White mulberry
Paulownia tomentosa – Princess tree
Pinus thunbergiana – (Delaware) Japanese black pine
Populus alba – White poplar
Pyrus calleryana (and all cultivars) – Callery pear
Rhamnus spp. – Buck thorn spp.
Ulmus parvifolia (Wisconsin) – Chinese elm (Drake)
Ulmus pumila – Siberian elm
Ulmus spp. x any Chinese or Siberian elm – Select hybrid elms, i.e. Frontier

RECOMMENDED CONIFERS FOR SOUTHWESTERN PENNSYLVANIA (not used as street trees, used in larger open space):

Chamaecyparis obtusa	Honoki falsecypress
Chamaecyparis pisifera	Sawara falsecypress
Cupressus nootkatensis	Nootka falsecypress, Alaska yellow-cedar
Juniperus virginiana	Eastern red-cedar
Larix laricina	American larch (deciduous)
Metasequois glyptostroboides	Dawn redwood (deciduous)
Pinus parvifolia	Japanese white pine
Pinus strobus	Eastern white pine
Picea abies	Norway spruce
Picea glauca	White spruce
Picea omorika	Serbian spruce
Taxodium distichum	Baldcypress (deciduous)
Thuja occidentalis	Eastern arborvitae, Northern white-cedar
Thuja plicata	Western arborvitae, Pacific red-cedar