

Appendix 12-B

Recommended Plant Lists and Invasive Species

Deciduous/Canopy Trees

Required canopy tree plantings shall be selected from the following list or a species hardy to the area. Trees marked with a (+) before their botanical name are native species and the use of these trees is strongly encouraged.

	Botanical Name	Common Name
	<i>Acer campestre</i>	Hedge Maple
	<i>Acer ginnala</i>	Amur Maple
+	<i>Acer negundo</i>	Box Elder
+	<i>Acer rubrum</i>	Red Maple
+	<i>Acer saccharum</i>	Sugar Maple
+	<i>Betula lenta</i>	Black Birch
+	<i>Betula nigra</i>	River Birch
+	<i>Carya ovata</i>	Shagbark Hickory
	<i>Crataegus phaenopyrum treeform</i>	Washington Hawthorn
	<i>Crataegus viridis 'Winter King'</i>	Winter King Hawthorn
+	<i>Fagus grandifolia</i>	American Beech
	<i>Fagus sylvatica</i>	European Beech
+	<i>Fraxinus americana</i>	White Ash
+	<i>Fraxinus pennsylvanica</i>	Green Ash
	<i>Ginkgo biloba</i>	Ginkgo (male only)
	<i>Larix kaempferi</i>	Japanese Larch
+	<i>Liquidambar styraciflua</i>	Sweet Gum
+	<i>Liriodendron tulipifera</i>	Tulip Tree, Yellow Poplar
+	<i>Nyssa Sylvatica</i>	Black Gum, Sourgum
+	<i>Ostrya virginiana</i>	American Hophornbeam
	<i>Platanus acerifolia</i>	London Planetree
+	<i>Platanus occidentalis</i>	American Sycamore
+	<i>Quercus alba</i>	White Oak
	<i>Quercus coccinea</i>	Scarlet Oak
	<i>Quercus palustris</i>	Pin Oak
	<i>Quercus phellos</i>	Willow Oak
+	<i>Quercus rubra</i>	Red Oak
+	<i>Sassafras albidum</i>	Sassafras
	<i>Sophora japonica</i>	Japanese Pagodatree
	<i>Tilia americana 'Redmond'</i>	Redmond Linden
	<i>Tilia cordata 'Chancellor'</i>	Chancellor Linden
	<i>Zelkova serrata</i>	Japanese Zelkova

Deciduous/Flowering Trees

Required flowering tree plantings shall be selected from the following list or a species hardy to the area. Trees marked with a (+) before their botanical name are native species and the use of these trees is strongly encouraged.

	Botanical Name	Common Name
+	<i>Amelanchier canadensis</i>	Shadblow Serviceberry
+	<i>Cercis canadensis</i>	Eastern Redbud
+	<i>Chioanthus virginicus</i>	Fringetree
+	<i>Cornus florida</i>	Flowering Dogwood
	<i>Cornus kousa</i>	Kousa Dogwood
	<i>Cornus mas</i>	Cornelian Cherry
	<i>Crataegus species</i>	Any Hawthorn species
+	<i>Halesia carolina</i>	Carolina Silverbell
	<i>Magnolia soulangeana</i>	Saucer Magnolia
+	<i>Magnolia virginiana</i>	Sweetbay Magnolia
	<i>Malus species</i>	Any Crabapple species
+	<i>Oxydendrum arboreum</i>	Sourwood, Sorrel Tree
	<i>Prunus cerasifera</i>	Purpleleaf Flowering Plum
	<i>Prunus kwanzan</i>	Kwanzan Cherry
	<i>Prunus sargentii</i>	Sargent Cherry
	<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan Cherry
	<i>Prunus subhirtella</i> var. <i>pendula</i>	Weeping Higan Cherry
	<i>Stewartia koreana</i>	Korean Stewartia
+	<i>Viburnum prunifolium</i>	Blackhaw Viburnum

Evergreen Trees/Shrubs

Required evergreen tree plantings shall be selected from the following list or a species hardy to the area. Trees marked with a (+) before their botanical name are native species and the use of these trees is encouraged.

	Botanical Name	Common Name
	<i>Abies concolor</i>	Concolor Fir
+	<i>Ilex opaca</i>	American Holly
+	<i>Juniperus virginiana</i>	Eastern Redcedar
+	<i>Kalmia latifolia</i>	Mountain Laurel
	<i>Picea abies</i>	Norway Spruce
	<i>Picea omorika</i>	Serbian Spruce
	<i>Pinus nigra</i>	Australian Pine
+	<i>Pinus strobus</i>	White Pine
	<i>Pseudotsuga menziesii</i>	Douglas Fir
	<i>Taxus baccata</i>	English Yew
	<i>Taxus cuspidata</i>	Japanese Yew
+	<i>Tsugas canadensis</i>	Eastern Hemlock

Deciduous Shrubs

Required shrubs shall be selected from the following list or a species hardy to the area. Shrubs marked with a (+) before their botanical name are native species and the use of these shrubs is strongly encouraged.

	Botanical Name	Common Name
+	<i>Hamamelis vernalis</i>	Vernal Witch Hazel
+	<i>Hamamelis virginiana</i>	Common Witch Hazel
+	<i>Ilex glabra</i>	Inkberry
+	<i>Ilex verticillata</i>	Winterberry
+	<i>Kalmia latifolia</i>	Mountain Laurel
+	<i>Myrica pennsylvanica</i>	Bayberry
	<i>Pyracantha coccinea 'lalandi'</i>	Laland Firethorn
	<i>Rhamnus frangula</i>	Glossy Buckthorn
	<i>Taxus cuspidata 'capitata'</i>	Upright Yew
	<i>Taxus x media 'hicksii'</i>	Hicks Yew
+	<i>Viburnum dentatum</i>	Arrowwood Viburnum
	<i>Viburnum lantana</i>	Wayfaring Tree Viburnum
+	<i>Viburnum trilobum</i>	Highbush Cranberry

Medium Deciduous Street/Urban Trees

Required trees shall be selected from the following list or a species hardy to the area. Shrubs marked with a (+) before their botanical name are native species and the use of these shrubs is strongly encouraged. Trees included on the following list tolerate urban conditions such as salt, drought, and soil compaction. The mature height is included for consideration in applications where overhead wiring is located. Street trees shall be in accordance with applicable American National Standards Institute (ANSI) Standards.

	Botanical Name	Common Name	Size
	<i>Acer campestre</i>	Hedge Maple	15-30'
	<i>Acer ginnala</i>	Amur Maple	15-30'
	<i>Acer palmatum</i>	Japanese Maple	10-20'
+	<i>Chioanthus virginicus</i>	Fringetree	20-35'
	<i>Cornus kousa</i>	Kousa Dogwood	20-35'
	<i>Crataegus crusgalli</i>	Cockspur Hawthorne	20-35'
	<i>Malus species</i>	Crabapple – Various	20-40'
+	<i>Ostrya virginiana</i>	American Hophornbeam	35-50'
	<i>Oxydendrum arboreum</i>	Sourwood, Sorrel Tree	35-50'
	<i>Prunus species</i>	Cherry – Various	20-40'
	<i>Pyrus species</i>	Pear – Various	20-40'
+	<i>Sassafras albidum</i>	Common Sassafras	35-50'

Large Deciduous Street/Urban Trees

Required trees shall be selected from the following list or a species hardy to the area. Shrubs marked with a (+) before their botanical name are native species and the use of these shrubs is strongly encouraged. Trees included on the following list tolerate urban conditions such as salt, drought, and soil compaction. The mature height is included for consideration in applications where overhead wiring is located. Street trees shall be in accordance with applicable American National Standards Institute (ANSI) Standards.

	Botanical Name	Common Name	Size
+	<i>Acer rubrum</i>	Red Maple	75-100'
+	<i>Acer saccharum</i>	Sugar Maple	75-100'
+	<i>Fraxinus americana</i>	White Ash	75-100'
+	<i>Fraxinus pennsylvanica</i>	Green Ash	75-100'
+	<i>Juniperous virginiana</i>	Eastern Red Cedar	50-75'
+	<i>Liquidambar styraciflua</i>	American Sweetgum	75-100'
+	<i>Nyssa silvatica</i>	Blackgum	50-75'
	<i>Platanus acerifolia</i>	London Planetree	75-100'
+	<i>Platanus occidentalis</i>	American Sycamore	75-100'
	<i>Tilia americana</i>	American Linden	50-70'
	<i>Tilia cordata</i>	Littleleaf Linden	70-100'
	<i>Zelkova serrata</i>	Japanese Zelkova	40-65'

Street/Urban Shrubs

Required trees shall be selected from the following list or a species hardy to the area. Shrubs marked with a (+) before their botanical name are native species and the use of these shrubs is strongly encouraged. Trees included on the following list tolerate urban conditions such as salt, drought, and soil compaction. The mature height is included for consideration in applications where overhead wiring is located.

	Botanical Name	Common Name
+	<i>Ilex glabra</i>	Inkberry
+	<i>Juniperous communis</i>	Common Juniper
+	<i>Kalmia latifolia</i>	Mountain Laurel
+	<i>Myrica pennsylvanica</i>	Bayberry
+	<i>Viburnum dentatum</i>	Arrowwood Viburnum

Riparian Forest Buffer Deciduous Trees and Shrubs

Required tree and shrub plantings shall be selected from the following list or a species hardy to the area, attractive to wildlife species (mast production), and appropriate to the use. Trees marked with a (+) before their botanical name are native species and the use of these trees is strongly encouraged.

	Botanical Name	Common Name
+	<i>Acer rubrum</i>	Red Maple
+	<i>Alnus rugosa</i>	Speckled Alder
+	<i>Amelanchier arborea</i>	Shadbush
+	<i>Amelanchier laevis</i>	Alleghany Serviceberry
+	<i>Betula lutea</i>	Yellow Birch
+	<i>Betula nigra</i>	Black Birch
+	<i>Carya cordiformis</i>	Bitternut Hickory
+	<i>Carya glabra</i>	Pignut Hickory
+	<i>Carya ovata</i>	Shagbark Hickory
+	<i>Cornus alternifolia</i>	Alternate-Leaved Dogwood
+	<i>Cornus amomum</i>	Silky Dogwood
+	<i>Cornus florida</i>	Florida Dogwood
+	<i>Cornus stolonifera</i>	Redosier Dogwood
+	<i>Fagus grandifolia</i>	American Beech
+	<i>Juglans nigra</i>	Black Walnut
	<i>Prunus avium</i>	Sweet Cherry
+	<i>Prunus pennsylvanica</i>	Pin Cherry
+	<i>Prunus serotina</i>	Black Cherry
+	<i>Prunus virginiana</i>	Choke Cherry
+	<i>Rhus glabra</i>	Smooth Sumac
+	<i>Rhus typhina</i>	Staghorn Sumac
+	<i>Quercus alba</i>	White Oak
+	<i>Quercus bicolor</i>	Swamp White Oak
+	<i>Quercus muehlenburgii</i>	Chinquapin Oak
+	<i>Quercus palustris</i>	Pin Oak
+	<i>Quercus prinus</i>	Chestnut Oak
+	<i>Quercus rubra</i>	Northern Red Oak
+	<i>Quercus velutina</i>	Black Oak

Riparian Forest Buffer Evergreen (Conifers) Trees and Shrubs

Required canopy tree plantings shall be selected from the following list or a species hardy to the area and appropriate to the use. Trees marked with a (+) before their botanical name are native species and the use of these trees is strongly encouraged.

	Botanical Name	Common Name
+	<i>Tsuga Canadensis</i>	Eastern Hemlock
+	<i>Pinus strobus</i>	Eastern White Pine
	<i>Pinus rigida</i>	Pitch Pine
+	<i>Juniperous virginiana</i>	Eastern Red Cedar
	<i>Pinus sylvestris</i>	Scotch Pine

Invasive Species

Pennsylvania Department of Natural Resources (PaDCNR) Invasive Plant List:

<http://www.dcnr.state.pa.us/forestry/invasivetutorial/List.htm>