

Appendix D: Recommended Plant Lists

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 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>Carpinus betulus</i>	European Hornbeam
+	<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>Metasequoia glyptostroboides</i>	Dawn Redwood
+	<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 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 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 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 arboreaum</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 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 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 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 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

RIPARIAN FOREST BUFFER FORBS AND GRASSES (WARM SEASON)

Required canopy tree plantings shall be selected from the following list or a species hardy to the area and appropriate to the use.

BOTANICAL NAME	COMMON NAME
<i>Aster novea angliae</i>	New England Aster
<i>Bernonia noveboracensis</i>	New York Ironweed
<i>Cassia fasciculata</i>	Partridge Pea
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis
<i>Echinacea purpurea</i>	Purple Cone Flower
<i>Heliopsis helianthoides</i>	Ox-eye Sunflower
<i>Rudbeckia hirta</i>	Blackeyed Susan
<i>Verbena hastata</i>	Blue Vervain
BOTANICAL NAME	COMMON NAME
<i>Andropogon gerardii</i>	Big Bluestem
<i>Panicum virgatum</i>	Switchgrass
<i>Schizachyrium scoparius</i> or <i>Andropogon scoparius</i>	Little Bluestem
<i>Sorghastrum nutans</i>	Indiangrass
<i>Tripsacum dactyloides</i>	Eastern gamagrass

INVASIVE OR NOXIOUS SPECIES

Plants that are illegal or grow or reproduce aggressively, which can so dominate an ecosystem that they kill off or drive out most other plant species. They can be native or exotic species.

Examples include, but are not limited to:

BOTANICAL NAME	COMMON NAME
<i>Acer platanoides</i>	Norway Maple
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Berberis thunbergii</i>	Japanese Barberry
<i>Berberis vulgaris</i>	European Barberry
<i>Broussonetia papyrifera</i>	Paper Mulberry
<i>Ailanthus altissima</i>	Tree-of-Heaven
<i>Cannabis sativa</i>	Marijuana
<i>Carduus nutans</i>	Musk or Nodding Thistle
<i>Celastrus orbiculatus</i>	Oriental Bittersweet
<i>Cirsium arvense</i>	Canadian Thistle
<i>Cirsium vulgare</i>	Bull or Spear Thistle
<i>Clematis terniflora</i>	Leatherleaf Climatis
<i>Coronilla varia</i>	Crown Vetch
<i>Daturum stramonium</i>	Jimsonweed
<i>Eleagnus umbrella</i>	Autumn Olive
<i>Festuca elatior</i>	Tall Fescue
<i>Ligustrum obtusifolium</i>	Border Privet
<i>Ligustrum vulgare</i>	Common Privet
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Lonicera morrowii</i>	Morrow's Honeysuckle
<i>Lonicera tatarica</i>	Tartarian Honeysuckle
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Melilotus affinalis</i>	Sweet Clover
<i>Microstegium vimineum</i>	Japanese Stilt Grass
<i>Morus alba</i>	White Mulberry
<i>Paulownia tomentosa</i>	Empress Tree
<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Polygonum perfoliatum</i>	Mile-A-Minute Weed
<i>Populus alba</i>	White Poplar
<i>Pueraria lobata</i>	Kudzu-vine
<i>Rhamnus cathartica</i>	Common Buckthorn
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rubus phoenicolasius</i>	Wineberry
<i>Sorghum bicolor</i>	Shattercane
<i>Sorghum halapense</i>	Johnson Grass
<i>Spiraea japonica</i>	Japanese Spiraea
<i>Viburnum dilatatum</i>	Linden Viburnum
<i>Viburnum opulus</i>	Guelder Rose

Sources: Noxious Weed Control Act – 1982-74. Commonwealth of Pennsylvania, Department of Agriculture, Bureau of Plant Industry. Brandywine Conservancy. Chester County Planning Commission.

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