

Schuylkill Township

CHESTER COUNTY
PENNSYLVANIA



Pennsylvania State Flower

Mountain Laurel

NATIVE PLANT LIST

A RESIDENT'S GUIDE

2023

Schuylkill Township
CHESTER COUNTY

NATIVE PLANT LIST

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Pennsylvania State Tree – Eastern Hemlock
Tsuga canadensis

INTRODUCTION

WHAT EXACTLY IS A NATIVE PLANT?

A native plant is one which occurred within the state before settlement by Europeans. Native plants include ferns and clubmosses, grasses, sedges, rushes, and their kin; flowering perennials; annuals which only live one year; biennials which have a two-year life cycle; and, of course, the woody trees, shrubs, and vines which covered "Penn's Woods" when the first settlers arrived. There are over 2,100 native plant species known throughout Pennsylvania.

An introduced or non-native plant is one that has been brought into the state and/or escaped cultivation to become established in the wild. At the turn of the 21st century, about 1,300 species of non-native plants existed in Pennsylvania outside of gardens, parks, and agricultural lands. That is 38 percent of Pennsylvania's total plant flora (which is about 3,400 species), and more introduced plants are identified every year.

An invasive plant is a species that has become a weed pest, one that grows aggressively, spreads, and displaces other plants. Although some native plants are aggressive on disturbed areas, most invasive plants are introduced from other continents, leaving behind pests, diseases, predators, and other natural controls. As non-native and exotic plants are coming into Pennsylvania, native plants are being lost to habitat destruction, introduced pests and diseases. **By the year 2000, 5 percent of Pennsylvania's native plant species had been eliminated with another 25 percent in danger of becoming so.** The good news is that action can be taken to protect and enhance the remaining diversity of beautiful and often useful plant species which grace our Commonwealth, and our local community.

The following paragraph was borrowed from Penn State Extension on their website entitled "Pennsylvania Native Plants for the Perennial Garden," and it best answers the question – **Why should we even care whether a plant is native or not?**

"Perhaps the most compelling reason to choose native is to preserve Pennsylvania's biodiversity. Development is rapidly reducing natural areas that shelter a wealth of our native plants; the landscapes that replace the natural areas consist mostly of lawns and exotic plants. Recent research from Dr. Doug Tallamy of the University of

Delaware has determined that 90 percent of our native insects are specialists that feed on three or fewer families of plants. The insects rely on native plant hosts and cannot eat the exotic plants that have become common in our yards. A reduction of native insects means that birds have fewer insects to feed their young, and that will lead to a reduction of bird species."

GO NATIVE WITH THESE 6 BASICS:

1. PROTECT NATIVE PLANT COMMUNITIES AND MINIMIZE HABITAT DESTRUCTION

The most important guideline is to conserve already existing areas of native vegetation as a whole, functioning unit. The easiest, least expensive, and best way to conserve Pennsylvania's plant heritage is to protect existing native plant communities from further disturbance. If disturbance is necessary, strive for minimum habitat destruction. In some cases ecological restoration may be necessary, which can include planting native species, removing invasive introduced species, controlling erosion and loosening soil compaction.

2. LANDSCAPE WITH NATIVE PLANTS

Native plant communities have been destroyed in many areas and therefore landscaping is required; parks, yards, streets, and campuses, for example. Well-chosen native plants perform well in these landscapes. The Department of Conservation and Natural Resources (DCNR)-Bureau of Forestry (BOF) recommends avoiding rare, endangered, and threatened plants and instead choosing native plant species which grow commonly throughout the state. These hardy and adaptable plants do well in a wide variety of conditions and have a much better chance of success in gardens.

3. LEARN MORE ABOUT NATIVE PLANTS

Learn what plants are native in your area. The References Page lists just a few of the resources for this region in addition to the list of over 400 native plants that follows, starting on page 6.

4. BUY NURSERY-PROPAGATED NATIVE PLANTS

Most retail nurseries and mail-order catalogs now offer native plants. The more consumers request native plants, the more this supply will grow.

Your goal when buying native plants is to be sure to purchase from a reputable source and purchase only nursery propagated native plants. Ask for straight species grown from local seed sources, and not cultivars. Plants grown from reliable seed sources are more likely to be native to the habitat in which they originated.

5. DO NOT REMOVE NATIVE PLANTS FROM THE WILD

Taking native plants from the wild depletes native populations. Also, many wild-collected plants do not survive transplanting. Prevent wild-collecting of plants by making sure that plants you buy are propagated at a nursery, or by starting plants yourself from a local seed supply. **Visit the Pennsylvania Department of Conservation & Natural Resources website for a list of native plant and seed sources in Pennsylvania.**

6. PRACTICE RESPONSIBLE LANDSCAPING TECHNIQUES

The first rule of responsible landscaping is to plant the right plants in the right environment: never introduce invasive plants to your landscape that will aggressively spread off your property and invade native plant communities. They can drastically alter ecosystems and give you and your neighbors' maintenance headaches for years to come. Ask the DCNR-BOF or Google search for the brochure "Invasive Plants in Pennsylvania."

When landscaping with native plants it is important to choose plants that will grow well at the site: wet or dry, shade or sun, acid or neutral soil. A good trick is to notice which native plants are thriving nearby, and to use those clues to guide plant selection. Other information can be found from plant nurseries, catalogs, books, or the Internet.

For soil fertility, composting and mulching of leaves or grass clippings provides slow release nutrients. Chemical fertilizers often provide too many nutrients too quickly for native plants, and this flush of nutrients gives weeds a competitive edge. The best thing you can do for your soil is avoid chemical fertilizers and just use compost, leaves, and grass clippings. Proper site preparation begins with a soil test.

IN SUMMARY

Native Plants help create beautiful landscapes that provide wildlife habitat and reduce maintenance costs. **Their greatest benefit, though, may be the increased awareness about which plants are native and which are not, and the protection of remaining native plant communities.** Children and adults can have a high-quality educational experience right in their own backyard, park, school, or workplace. Loss of native plant communities is not just in the tropical rainforest!

Adapted from the website of:



Commonwealth of Pennsylvania
Department of Conservation & Natural Resources
www.dcnr.state.pa.us/forestry/nativeplants

NATIVE PLANT LIST OVERVIEW

The species on the following list are the recommended native plants for residential landscaping in Schuylkill Township, Chester County. They have been selected because they tend to grow widely throughout the state; they are common and will likely do well if matched to their preferred growing conditions. By definition, none of these plants are rare, endangered, threatened, or extinct in the state. These plants are also commonly cultivated and used in horticulture; they should be available for purchase and should perform well in garden conditions. The list is similar to the list adopted pursuant to Ordinance No. 2009-03, the Subdivision and Land Development Ordinance.

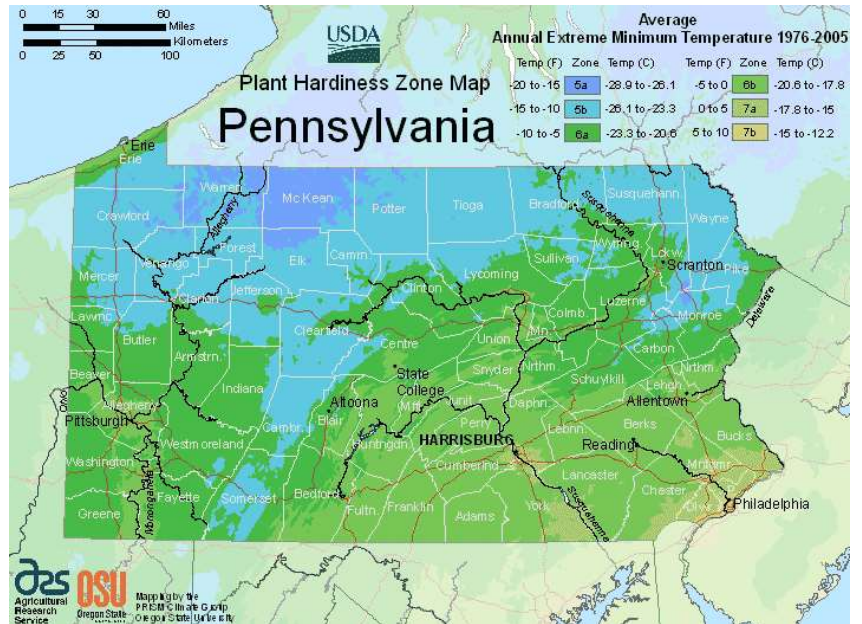
Common Name: Since there often are many common names for the same plant, these species are arranged alphabetically by botanical (or scientific) name.

Botanical Name: Botanical (or scientific) name from *USDA/NRCS Plants Database* (see References list).

Zone Preference:

Pennsylvania is generally divided into two horticultural zones: **USDA zone 5** is in the northern half of the state and high elevations where the average minimum temperature may reach -10° to -20° F.

USDA zone 6 is in the southern half of the state and lower elevations where the average coldest temperature is 0° to -10° F.



TREES

TYPE			LIGHT			MOISTURE		
EVERGREEN	BOTANICAL NAME	COMMON NAME	SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Chamaecyparis thyoides</i> ¹	Atlantic White Cedar		X	X		X	X
	<i>Ilex opaca</i>	American Holly	X	X	X		X	
	<i>Juniperus virginiana</i>	Eastern Red Cedar	X			X	X	
	<i>Picea glauca</i> ²	White Spruce	X	X			X	
	<i>Pinus echinata</i>	Shortleaf Pine	X			X	X	
	<i>Pinus resinosa</i>	Red Pine	X			X	X	
	<i>Pinus rigida</i>	Pitch Pine	X			X		
	<i>Pinus strobus</i>	White Pine	X			X	X	
	<i>Pinus virginiana</i>	Virginia Pine	X			X	X	
	<i>Thuja occidentalis</i>	Eastern arborvitae	X			X	X	X
	<i>Tsuga canadensis</i>	Eastern Hemlock		X	X		X	
DECIDUOUS	<i>Acer rubrum</i>	Red Maple	X	X	X		X	X
	<i>Acer saccharinum</i>	Silver Maple	X	X			X	X
	<i>Acer saccharum</i>	Sugar Maple	X	X	X		X	
	<i>Asimina triloba</i>	Common Paw-Paw	X				X	
	<i>Betula lenta</i>	Sweet Birch	X	X		X	X	
	<i>Betula nigra</i>	River Birch	X	X			X	X
	<i>Betula populifolia</i>	Gray Birch	X	X		X	X	X
	<i>Carpinus caroliniana</i>	American Hornbeam or Ironwood		X	X		X	
	<i>Carya tomentosa</i>	Mockernut Hickory		X	X	X	X	
	<i>Carya cordiformis</i>	Bitternut Hickory	X				X	X
	<i>Carya glabra</i>	Pignut Hickory	X	X		X	X	X
	<i>Carya ovata</i>	Shagbark Hickory	X				X	
	<i>Castanea pumila</i>	Allegheny Chinkapin	X	X		X		
	<i>Celtis occidentalis</i>	Common Hackberry	X	X	X	X	X	X
	<i>Crataegus crus-galli</i>	Cockspur Hawthorn	X	X		X	X	
	<i>Crataegus viridis</i> ³	Green Hawthorn		X	X		X	X
	<i>Diospyros virginiana</i>	Common Persimmon	X	X		X	X	
	<i>Fagus grandifolia</i>	American Beech	X	X	X		X	
	<i>Fraxinus americana</i>	White Ash	X	X		X	X	
	<i>Fraxinus pennsylvanica</i>	Green Ash	X	X		X	X	X
	<i>Gleditsia triacanthos</i>	Honeylocust	X	X		X	X	
	<i>Juglans nigra</i>	Black Walnut	X				X	
	<i>Liquidambar styraciflua</i>	Sweetgum	X	X			X	X
	<i>Liriodendron tulipifera</i>	Tulip Poplar	X	X			X	
	<i>Morus rubra</i>	Red Mulberry	X	X			X	
	<i>Nyssa sylvatica</i>	Black Gum	X	X		X	X	X
	<i>Ostrya virginiana</i>	Eastern Hophornbeam	X	X	X	X	X	
	<i>Oxydendrum arboreum</i>	Sourwood	X	X		X	X	
	<i>Platanus occidentalis</i>	American Sycamore	X	X	X		X	
	<i>Populus deltoides</i>	Eastern Poplar	X				X	X

¹ Introduced to region, native along the Atlantic coast up to 150 feet above sea level, not native to Pennsylvania; will adapt to local climate.

² Introduced to region, native to New York, and New England, not native to Pennsylvania, will adapt to local climate.

³ Introduced to region, native to Delaware and Maryland, not native to Pennsylvania, will adapt to local climate.

TREES (cont'd)

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
DECIDUOUS <i>(cont'd)</i>	Populus tremuloides	Quaking Aspen	x				x	x
	Quercus alba	White Oak	x	x		x	x	
	Quercus bicolor	Swamp White Oak		x			x	
	Quercus coccinea	Scarlet Oak	x			x	x	
	Quercus ilicifolia	Bear Oak	x			x		
	Quercus macrocarpa	Bur Oak	x	x	x	x	x	x
	Quercus marilandica	Blackjack Oak		x		x		
	Quercus muehlenbergii	Chinquapin Oak	x			x	x	
	Quercus palustris ³	Pin Oak	x				x	x
	Quercus phellos	Willow Oak	x	x			x	x
	Quercus prinus	Chestnut Oak	x	x		x	x	
	Quercus rubra	Northern Red Oak	x	x		x	x	
	Quercus stellata	Post Oak	x			x	x	
	Quercus velutina	Black Oak	x	x		x	x	
	Salix discolor	Pussy Willow	x				x	x
	Salix nigra	Black Willow	x	x			x	x
	Salix sericea	Silky Willow	x	x	x		x	x
	Sassafras albidum	Sassafras	x	x				
	Tilia americana	American Linden or Basswood	x	x	x	x	x	
	Ulmus americana	American Elm	x	x			x	x
FLOWERING	Amelanchier arborea	Downy Serviceberry	x	x		x	x	x
	Amelanchier arborea (Mich. f.)	Common Serviceberry	x	x	x	x	x	
	Amelanchier canadensis	Shadblow Serviceberry		x	x		x	x
	Amelanchier laevis	Allegheny Serviceberry	x	x	x	x	x	
	Cercis canadensis	Eastern Redbud		x	x	x	x	
	Chionanthus virginicus	White Fringetree		x			x	
	Cornus alternifolia	Pagoda Dogwood		x	x		x	
	Cornus florida	Flowering Dogwood		x	x	x	x	
	Hamamelis virginiana	Witch Hazel		x	x	x	x	
	Magnolia acuminata	Cucumbertree	x	x	x		x	x
	Magnolia virginiana	Sweetbay Magnolia		x			x	x
	Prunus americana	American Plum	x	x		x	x	
	Prunus pensylvanica	Pin Cherry	x	x		x		
	Prunus serotina	Black Cherry	x			x	x	
	Prunus virginiana	Chokecherry	x	x	x	x	x	
	Robinia pseudoacacia	Black Walnut	x				x	
	Viburnum lentago	Nannyberry Viburnum	x	x		x	x	
	Viburnum prunifolium	Blackhaw Viburnum	x	x		x	x	

SHRUBS

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
EVERGREEN	<i>Ilex glabra</i>	Inkberry Holly	x	x	x	x	x	
	<i>Juniperus communis</i>	Juniper	x			x		
	<i>Kalmia angustifolia</i>	Sheep Laurel	x	x	x		x	x
	<i>Kalmia latifolia</i>	Mountain Laurel	x	x	x	x	x	x
	<i>Morella caroliniensis</i>	Swamp Bayberry	x	x	x	x	x	x
	<i>Rhododendron maximum</i>	Rosebay Rhododendron		x	x		x	x
	<i>Taxus canadensis</i>	Canada Yew		x	x		x	
	DECIDUOUS	<i>Alnus serrulate</i>	Hazel Alder	x				x
<i>Aronia arbutifolia</i>		Red Chokeberry	x	x		x	x	x
<i>Amelchier canadensis</i>		Canadian Serviceberry		x	x		x	x
<i>Aronia melanocarpa</i>		Black Chokeberry	x	x		x	x	x
<i>Calycanthus floridus</i>		Sweetshrub	x	x	x		x	x
<i>Ceanothus americanus</i>		New Jersey Tea	x	x		x		
<i>Cephalanthus occidentalis</i>		Buttonbush	x	x	x		x	x
<i>Clethra alnifolia</i>		Summersweet		x	x		x	x
<i>Comptonia peregrina</i>		Sweetfern	x	x		x		
<i>Cornus amomum</i>		Silky Dogwood	x	x			x	x
<i>Cornus racemosa</i>		Gray Dogwood	x	x	x	x	x	
<i>Cornus sericea</i>		Redosier Dogwood	x	x		x	x	x
<i>Corylus americana</i>		American Hazelnut		x		x	x	
<i>Dirca palustris</i>		Leatherwood		x	x	x	x	
<i>Euonymus americanus</i>		Strawberry Bush		x			x	
<i>Gaylussacia baccata</i>		Black Huckleberry		x	x	x	x	x
<i>Gaylussacia frondosa</i>		Blue Huckleberry	x	x	x	x	x	x
<i>Hydrangea arborescens</i>		Smooth Hydrangea		x	x		x	
<i>Hypericum densiflorum</i>		St. Johnswort	x			x	x	x
<i>Hypericum prolificum</i>		Shrubby St. Johnswort	x	x		x	x	
<i>Ilex laevigata</i>		Smooth Winterberry	x	x			x	
<i>Ilex verticillata</i>		Winterberry Holly	x	x			x	x
<i>Itea virginica</i>		Virginia Sweetspire	x	x	x		x	x
<i>Leucothoe fontanesiana</i> ¹		Drooping Leucothoe		x	x		x	
<i>Lindera benzoin</i>		Spicebush		x	x		x	x
<i>Myrica pensylvanica</i>		Northern Bayberry	x	x		x	x	x
<i>Physocarpus opulifolius</i>		Ninebark	x	x			x	x
<i>Potentilla fruticosa</i>		Shrubby Cinquefoil	x	x		x	x	x
<i>Prunus maritima</i>		Beach Plum	x	x		x	x	
<i>Rhododendron arborescens</i>		Sweet Azalea	x	x			x	
<i>Rhododendron atlanticum</i>		Coast Azalea		x	x		x	
<i>Rhododendron calendulaceum</i>		Flame Azalea		x		x	x	
<i>Rhododendron canadense</i>		Rhodora	x	x			x	x
<i>Rhododendron canescens</i> ²		Piedmont Azalea		x			x	
<i>Rhododendron maximum</i>		Great Laurel		x			x	x

¹ Introduced to region, native in Virginia, not native in Pennsylvania, will adapt to local climate.

² Introduced to region, native in Southeast USA, not native in Pennsylvania, will adapt to local climate..

SHRUBS (cont'd)

TYPE DECIDUOUS (cont'd)	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Rhus aromatica</i>	Fragrant Sumac	X	X	X	X	X	
	<i>Rhododendron periclymenoides</i>	Pinxterbloom Azalea	X	X	X	X	X	X
	<i>Rhododendron viscosum</i>	Swamp Azalea	X	X			X	X
	<i>Rhus copallinum</i>	Winged Sumac	X	X		X		
	<i>Rhus glabra</i>	Smooth Sumac	X	X	X	X		
	<i>Rhus hirta</i>	Staghorn Sumac	X			X	X	
	<i>Ribes rotundifolium</i>	Eastern Gooseberry		X		X		
	<i>Rosa carolina</i>	Carolina Rose	X	X		X	X	X
	<i>Rosa palustris</i>	Swamp Rose	X	X	X		X	X
	<i>Rubus odoratus</i>	Purple Flowering Raspberry	X	X	X		X	
	<i>Rubus idaeus</i> ¹	Wild Red Raspberry	X	X	X	X	X	
	<i>Salix humilis</i>	Prairie Willow	X			X	X	X
	<i>Sambucus Canadensis</i>	Elderberry	X	X			X	X
	<i>Sambucus nigra</i>	Elderberry	X	X	X	X	X	X
	<i>Sambucus racemosa</i>	Red Elderberry	X	X	X		X	X
	<i>Spiraea alba</i>	White Meadowsweet	X				X	
	<i>Spiraea tomentosa</i>	Steeplebush	X				X	X
	<i>Staphylea trifolia</i>	American Bladdernut			X		X	
	<i>Symphoricarpos albus</i>	Common Snowberry	X	X	X	X	X	
	<i>Symphoricarpos orbiculatus</i>	Coralberry		X	X	X	X	
	<i>Vaccinium angustifolium</i>	Lowbush Blueberry	X	X		X	X	
	<i>Vaccinium corymbosum</i>	Highbush Blueberry	X	X	X	X	X	X
	<i>Vaccinium pallidum</i>	Early Lowbush Blueberry	X	X		X	X	
	<i>Vaccinium stamineum</i>	Deerberry	X	X		X	X	
	<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	X	X	X	X	X	
	<i>Viburnum dentatum</i>	Arrowwood Viburnum	X	X	X	X	X	X
	<i>Viburnum nudum</i>	Possumhaw Viburnum	X	X		X	X	X
	<i>Viburnum trilobum</i>	American Cranberrybush Vib.	X	X			X	
	<i>Yucca filamentosa</i>	Adam's Needle	X			X		

¹ Native in Europe. Special value to native bees. Provides nesting materials/structure. Beneficial to birds and butterflies. Can be locally invasive.

HERBACEOUS PLANTS

TYPE			LIGHT			MOISTURE		
FERNS	BOTANICAL NAME	COMMON NAME	SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Adiantum pedatum</i>	Maidenhair Fern		X	X		X	
	<i>Athyrium filixfemina</i>	Lady Fern		X			X	X
	<i>Dennstaedtia punctilobula</i>	Hay-Scented Fern	X	X		X	X	
	<i>Dryopteris carthusiana</i>	Spinulose Woodfern		X	X		X	X
	<i>Dryopteris cristata</i>	Crested Wood Fern	X	X	X		X	X
	<i>Dryopteris intermedia</i>	Evergreen Woodfern		X	X	X	X	X
	<i>Dryopteris marginalis</i>	Marginal Woodfern		X	X	X	X	
	<i>Onoclea sensibilis</i>	Sensitive Fern	X	X	X		X	X
	<i>Osmunda cinnamomea</i>	Cinnamon Fern	X	X	X		X	X
	<i>Osmunda claytoniana</i>	Interrupted Fern		X	X		X	
	<i>Osmunda regalis</i>	Royal Fern	X	X	X		X	X
	<i>Polystichum acrostichoides</i>	Christmas Fern		X	X		X	
	<i>Pteridium aquilinum</i>	Bracken Fern	X	X		X	X	X
	<i>Thelypteris noveboracensis</i>	New York Fern		X	X		X	X
	<i>Thelypteris palustris</i>	Marsh Fern	X	X			X	X
	<i>Woodwardia areolata</i>	Netted Chain Fern		X	X		X	X
	<i>Phegopteris hexagonoptera</i>	Broad Beech Fern			X		X	
	<i>Phegopteris connectilis</i>	Narrow Beech Fern		X	X		X	

TYPE			LIGHT			MOISTURE		
GRASSES	BOTANICAL NAME	COMMON NAME	SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Agrostis perennans</i>	Autumn Bentgrass	X	X	X	X	X	X
	<i>Andropogon gerardii</i>	Big Bluestem	X	X		X	X	X
	<i>Andropogon glomeratus</i>	Bushy Bluestem	X	X			X	X
	<i>Andropogon virginicus</i>	Broomsedge	X			X	X	X
	<i>Carex alata</i>	Broad-winged Sedge	X	X			X	X
	<i>Carex crinita</i>	Long Hair Sedge	X	X			X	X
	<i>Carex glaucoidea</i>	Blue Wood Sedge		X	X	X	X	
	<i>Carex lurida</i>	Sallow Sedge	X	X				X
	<i>Carex pensylvanica</i>	Pennsylvania Sedge		X	X	X	X	
	<i>Carex platyphylla</i>	Broadleaf Sedge		X	X	X	X	
	<i>Carex stricta</i>	Tussock Sedge	X				X	X
	<i>Carex vulpinoidea</i>	Fox Sedge	X	X				X
	<i>Chasmanthium latifolium</i>	Northern Sea Oats	X	X		X	X	
	<i>Danthonia spicata</i>	Poverty Oatgrass	X	X	X	X	X	
	<i>Dichanthelium clandestinum</i>	Deer-Tongue	X	X		X	X	X
	<i>Dichanthelium commutatum</i>	Variable Panicgrass		X	X	X	X	
	<i>Elymus hystrix</i>	Bottlebrush Grass	X	X	X		X	
	<i>Elymus riparius</i>	Riverbank Wild Rye	X	X		X	X	X
	<i>Elymus virginicus</i>	Virginia Wild Rye		X	X	X	X	
	<i>Juncus effusus</i>	Soft Rush	X	X		X	X	X
	<i>Leersia oryzoides</i>	Rice Cutgrass	X	X			X	X
	<i>Panicum amarum</i>	Bitter Panic Grass	X			X	X	
	<i>Panicum virgatum</i>	Switchgrass	X	X		X	X	X
	<i>Schizachyrium scoparium</i>	Little Bluestem	X			X		
	<i>Sorghastrum nutans</i>	Indiangrass	X			X	X	

HERBACEOUS PLANTS (cont'd)

TYPE			LIGHT			MOISTURE		
GROUNDCOVER	BOTANICAL NAME	COMMON NAME	SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Asarum canadense</i>	Wild Ginger		X	X		X	
	<i>Chrysogonum virginianum</i>	Green-and-Gold	X	X	X	X	X	
	<i>Euphorbia maculata</i>	Spotted Spurge	X	X	X	X	X	
	<i>Eurybia divaricata</i>	White Wood Aster		X	X	X	X	
	<i>Gaultheria procumbens</i>	Wintergreen		X	X	X	X	X
	<i>Hepatica nobilis var. obtusa</i>	Round-Lobed Hepatica		X	X	X	X	
	<i>Hydrophyllum virginianum</i>	Virginia Waterleaf		X	X		X	
	<i>Packera Aurea</i>	Golden Ragwort	X	X	X	X	X	X
	<i>Mitchella repens</i>	Partridgeberry		X	X	X	X	
	<i>Pachysandra procumbens</i>	Allegheny Spurge		X	X	X	X	
	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	X	X	X	X	X	X
	<i>Potentilla Canadensis</i>	Dwarf Cinquefoil	X	X		X	X	
	<i>Salvia lyrata</i>	Lyreleaf Sage	X	X		X	X	
	<i>Sedum ternatum</i>	Woodland Stonecrop		X			X	
	<i>Tiarella cordifolia</i>	Heartleaf Foamflower		X	X		X	
	<i>Vaccinium macrocarpon</i>	Cranberry	X	X				X

TYPE			LIGHT			MOISTURE		
VINES	BOTANICAL NAME	COMMON NAME	SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Aristolochia macrophylla</i>	Dutchman's Pipe	X	X			X	
	<i>Bignonia capreolata</i>	Crossvine	X	X		X	X	X
	<i>Campsis radicans</i>	Trumpet Vine	X	X		X	X	
	<i>Celastrus scandens</i>	American Bittersweet	X	X	X	X	X	
	<i>Clematis viorna</i>	Leather Flower		X	X	X	X	
	<i>Clematis virginiana</i>	Virgin's Bower	X	X	X	X	X	
	<i>Lonicera sempervirens</i>	Coral Honeysuckle	X	X		X	X	
	<i>Mikania scandens</i>	Climbing Hempvine		X			X	X
	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	X	X	X	X	X	X
	<i>Passiflora incarnata</i>	Passionflower	X			X	X	
	<i>Smilax herbacea</i>	Smooth Carrionflower		X			X	
	<i>Wisteria frutescens</i>	American Wisteria	X	X			X	X

HERBACEOUS PERENNIALS

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Actaea pachypoda</i>	White Baneberry		X	X		X	X
	<i>Actea racemosa</i>	Black Cohosh		X	X		X	
	<i>Agalinis purpurea</i>	Purple False Foxglove	X	X	X		X	X
	<i>Agastache scrophulariifolia</i>	Giant Purple Hyssop	X	X			X	
	<i>Ageratina altissima</i>	White Snakeroot	X	X	X	X	X	
	<i>Amsonia tabernaemontana</i>	Blue Star Amsonia	X	X		X	X	
	<i>Anemone canadensis</i>	Canadian Anemone	X	X			X	
	<i>Anemone virginiana</i>	Tall Thimbleweed	X	X		X	X	
	<i>Antennaria neglecta</i>	Field Pussytoes	X			X		
	<i>Aquilegia canadensis</i>	Eastern Columbine		X	X	X	X	
	<i>Aralia nudicaulis</i>	Wild Sarsaparilla	X	X	X		X	
	<i>Aralia racemosa</i>	American Spikenard	X	X	X		X	
	<i>Arisaema triphyllum</i>	Jack-in-the-pulpit		X	X		X	X
	<i>Aruncus dioicus</i>	Goat's Beard	X	X			X	X
	<i>Asclepias incarnata</i>	Swamp Milkweed	X	X			X	X
	<i>Asclepias syriaca</i>	Common Milkweed	X			X		
	<i>Asclepias tuberosa</i>	Butterfly Milkweed	X	X		X	X	
	<i>Astilbe biternata</i>	False Goatsbeard		X			X	
	<i>Baptisia australis</i>	Wild Blue Indigo	X	X			X	
	<i>Baptisia tinctoria</i>	Yellow Wild Indigo	X	X		X		
	<i>Bidens cernua</i>	Nodding Beggar-Ticks	X	X		X	X	
	<i>Boltonia asteroides</i>	False Aster	X	X		X	X	X
	<i>Caltha palustris</i>	Marsh Marigold	X	X				X
	<i>Campanulastrum americanum</i>	American Bellflower		X	X		X	
	<i>Cardamine concatenata</i>	Cutleaf Toothwort			X		X	
	<i>Caulophyllum thalictroides</i> ³	Blue Cohosh			X		X	
	<i>Chamaecrista fasciculata</i>	Partridge Pea	X			X		
	<i>Chelone glabra</i>	White Turtlehead	X	X			X	X
	<i>Chelone obliqua</i>	Purple Turtlehead	X	X			X	X
	<i>Chimaphila maculata</i>	Striped Wintergreen		X	X	X		
	<i>Chrysopsis mariana</i>	Maryland Golden Aster	X	X		X		
	<i>Claytonia virginica</i>	Virginia Spring Beauty			X		X	
	<i>Conoclinium Coelestinum</i>	Blue Mistflower	X	X			X	X
	<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	X	X	X	X		
	<i>Coreopsis tripteris</i>	Tall Coreopsis	X	X		X	X	
	<i>Coreopsis verticillata</i>	Threadleaf Coreopsis	X	X		X	X	
	<i>Delphinium tricorne</i>	Dwarf Larkspur		X	X		X	
	<i>Desmodium paniculatum</i>	Narrow-Leaf Trefoil	X	X		X		
	<i>Dicentra canadensis</i>	Squirrel Corn		X	X		X	
	<i>Dicentra cucullaria</i>	Dutchman's Breeches	X	X	X		X	
	<i>Dicentra Eximia</i>	Wild Bleeding Heart		X	X	X	X	
	<i>Dodecatheon meadia</i>	Eastern Shooting Star		X			X	

³ The berries, roots, and leaves of this plant may cause skin irritation if touched.

HERBACEOUS PERENNIALS (cont'd)

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Doellingeria umbellatus</i>	Flat-top White Aster	x	x			x	x
	<i>Echinacea purpurea</i> ⁴	Purple Coneflower	x	x		x	x	
	<i>Erigeron pulchellus</i>	Robin's Plantain		x			x	
	<i>Erythronium americanum</i>	Yellow Trout Lily		x	x		x	x
	<i>Eupatorium dubium</i>	Coastal Joe-Pye Weed	x	x			x	x
	<i>Eupatorium hyssopifolium</i>	Hyssop-leaved Thorowort	x	x			x	
	<i>Eupatorium maculatum</i>	Spotted Joe-Pye Weed	x	x			x	x
	<i>Eupatorium perfoliatum</i>	Common Boneset	x	x	x		x	x
	<i>Eutrochium fistulosum</i>	Joe-Pye Weed	x	x		x	x	x
	<i>Eutrochium purpureum</i>	Sweet Joe-Pye Weed	x	x	x		x	
	<i>Eurybia divaricata</i>	White Wood Aster		x	x	x	x	
	<i>Gentiana clausa</i>	Bottle Gentian	x	x			x	
	<i>Geranium maculatum</i>	Wild Geranium		x	x		x	
	<i>Goodyera pubescens</i>	Downy Rattlesnake Plantain		x		x	x	
	<i>Helenium autumnale</i>	Common Sneezeweed		x			x	
	<i>Helianthus angustifolius</i>	Swamp Sunflower		x				x
	<i>Helianthus decapetalus</i>	Ten-Petaled Sunflower	x	x	x		x	
	<i>Helianthus divaricatus</i>	Woodland Sunflower	x	x	x	x	x	
	<i>Heliopsis helianthoides</i>	Oxeye Sunflower	x	x		x	x	
	<i>Hepatica nobilis</i> var. <i>acuta</i>	Sharp-Lobed Hepatica		x	x	x	x	
	<i>Hepatica nobilis</i> var. <i>obtusata</i>	Round-Lobed Hepatica		x	x	x	x	
	<i>Heracleum maximum</i>	Cow Parsnip			x		x	x
	<i>Heuchera americana</i>	Hairy Alumroot		x	x		x	
	<i>Heuchera villosa</i>	Hairy Heuchera		x	x	x	x	
	<i>Houstonia caerulea</i>	Azure Bluet		x			x	
	<i>Hydrophyllum virginianum</i>	Virginia Waterleaf		x	x		x	
	<i>Impatiens capensis</i>	Jewelweed		x	x		x	x
	<i>Ionactis linarifolius</i>	Stiff-Leaf Aster	x	x	x	x	x	
	<i>Jeffersonia diphylla</i>	Twinleaf		x			x	
	<i>Lespedeza capitata</i>	Round-Head Bush Clover	x			x		
	<i>Liatris pilosa</i>	Grass-Leaf Blazingstar	x				x	
	<i>Liatris scariosa</i>	Large Blazing Star	x				x	
	<i>Liatris spicata</i>	Blazingstar	x				x	
	<i>Liatris squarrosa</i>	Scaly Blazing Star	x	x			x	
	<i>Lilium canadense</i>	Canada Lily	x	x			x	x
	<i>Lilium philadelphicum</i>	Wood Lily	x	x	x	x		
	<i>Lilium superbum</i>	Turk's Cap Lily	x	x			x	x
	<i>Limonium carolinianum</i>	Sea Lavender		x				x
	<i>Lobelia cardinalis</i>	Cardinal Flower	x	x	x		x	x
	<i>Lobelia siphilitica</i>	Great Blue Lobelia	x	x	x		x	x
	<i>Lupinus perennis</i>	Wild Lupine	x	x		x	x	
	<i>Maianthemum canadense</i>	Canada Mayflower		x	x		x	x

⁴ Native to Virginia and Ohio, not native to Pennsylvania, will adapt to local climate.

HERBACEOUS PERENNIALS (cont'd)

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Maianthemum racemosum</i>	False Solomon's Seal	x	x	x		x	
	<i>Medeola virginiana</i>	Indian Cucumber	x	x			x	
	<i>Melanthium virginicum</i>	Virginia Bunchflower	x	x			x	
	<i>Mertensia virginica</i>	Virginia Bluebells		x	x		x	x
	<i>Mimulus ringens</i>	Monkeyflower	x	x				x
	<i>Mitella diphylla</i>	Twoleaf Miterwort		x	x		x	
	<i>Monarda fistulosa</i>	Wild Bergamot	x	x		x	x	
	<i>Monarda didyma</i>	Scarlet Beebalm	x	x			x	x
	<i>Monarda punctata</i>	Spotted Beebalm	x			x		
	<i>Oenothera biennis</i>	Common Evening Primrose	x	x	x	x		
	<i>Oenothera fruticosa</i>	Narrow-Leaved Sundrops	x				x	
	<i>Oenothera perennis</i>	Sundrops	x				x	
	<i>Opuntia humifusa</i>	Eastern Prickly Pear	x			x		
	<i>Osmorhiza longistylis</i>	Sweet Cicely or Aniseroot		x	x		x	
	<i>Oxalis violacea</i>	Violet Wood Sorrel		x			x	
	<i>Packera aurea</i>	Golden Ragwort	x	x	x	x	x	x
	<i>Penstemon laevigatus</i>	Smooth Beardtongue	x	x			x	
	<i>Phlox carolina</i> ⁵	Thick-Leaved Phlox	x	x		x	x	x
	<i>Phlox divaricata</i>	Wild Blue Phlox		x	x		x	
	<i>Phlox maculata</i>	Phlox	x	x			x	x
	<i>Phlox paniculata</i>	Fall Phlox	x	x			x	
	<i>Phlox stolonifera</i>	Creeping Phlox	x	x	x		x	
	<i>Phlox subulata</i>	Moss Phlox	x	x		x		
	<i>Physostegia virginiana</i>	Fall Obedient Plant	x	x	x		x	
	<i>Podophyllum peltatum</i>	Mayapple		x	x		x	
	<i>Polemonium reptans</i>	Jacob's Ladder		x	x		x	
	<i>Polygonatum biflorum</i>	Smooth Solomon's Seal		x	x	x	x	
	<i>Polygonatum pubescens</i>	Hairy Solomon's Seal	x	x	x		x	
	<i>Porteranthus trifolius</i>	Bowman's Root		x	x	x	x	
	<i>Pycnanthemum icanum</i>	Hoary Mountain Mint	x	x	x	x	x	
	<i>Pycnanthemum tenuifolium</i>	Narrowleaf Mountain Mint	x	x		x	x	
	<i>Rhexia virginica</i>	Virginia Meadowbeauty		x				x
	<i>Rudbeckia fulgida</i>	Orange Coneflower	x	x	x		x	
	<i>Rudbeckia hirta</i>	Black-Eyed Susan	x	x		x	x	
	<i>Rudbeckia laciniata</i>	Green-Headed Coneflower	x	x			x	
	<i>Rudbeckia triloba</i>	Brown-eyed Susan	x	x		x	x	
	<i>Ruellia caroliniensis</i>	Carolina Wild Petunia	x	x			x	
	<i>Sabatia angularis</i>	Rose Pink		x			x	
	<i>Salvia lyrata</i>	Lyreleaf Sage		x	x	x	x	
	<i>Sanguinaria canadensis</i>	Bloodroot		x	x		x	x
	<i>Saxifraga pensylvanica</i>	Eastern Swamp Saxifrage		x				x
	<i>Saxifraga virginensis</i>	Early Saxifrage		x	x	x		
	<i>Scutellaria integrifolia</i>	Rough Skullcap	x	x				x
	<i>Sedum ternatum</i>	Woodland Stonecrop		x	x		x	

⁵ Native to Maryland, not native to Pennsylvania, will adapt to local climate.

HERBACEOUS PERENNIALS (cont'd)

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Senna marilandica</i>	Southern Wild Senna	x				x	
	<i>Silene caroliniana</i>	Wild Pink		x			x	
	<i>Silene stellata</i>	Starry Campion		x			x	
	<i>Silene virginica</i>	Fire Pink		x		x	x	
	<i>Silphium perfoliatum</i>	Cup Plant	x	x		x	x	x
	<i>Sisyrinchium atlanticum</i>	Eastern Blue-Eyed Grass	x				x	x
	<i>Solidago caesia</i>	Bluestem Goldenrod	x	x	x	x	x	
	<i>Solidago flexicaulis</i>	Broad Leaf Goldenrod	x	x	x		x	
	<i>Solidago juncea</i>	Early Goldenrod	x	x	x	x	x	
	<i>Solidago nemoralis</i>	Gray Goldenrod	x	x	x	x		
	<i>Solidago odora</i>	Sweet Goldenrod	x	x			x	
	<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	x	x			x	x
	<i>Solidago speciosa</i>	Showy Goldenrod		x			x	
	<i>Spiranthes cernua</i>	Nodding Ladies' Tresses	x	x			x	x
	<i>Stachys tenuifolia</i>	Smooth Hedge Nettle		x			x	x
	<i>Symphyotrichum cordifolium</i>	Heart-Leaved Aster		x	x	x	x	
	<i>Symphyotrichum ericoides</i>	White Heath Aster	x	x		x	x	
	<i>Symphyotrichum laevis</i>	Smooth Blue Aster	x	x		x		
	<i>Symphyotrichum novae-angliae</i>	New England Aster	x	x			x	
	<i>Symphyotrichum novi-belgii</i>	New York Aster	x	x			x	x
	<i>Symplocarpus foetidus</i>	Skunk Cabbage		x	x			x
	<i>Thalictrum dioicum</i>	Early Meadow Rue			x		x	
	<i>Thalictrum pubescens</i>	Tall Meadow Rue	x	x	x		x	x
	<i>Thalictrum thalictroides</i>	Rue Anemone		x	x	x	x	
	<i>Tiarella cordifolia</i>	Heartleaf Foamflower	x	x	x		x	
	<i>Tradescantia virginiana</i>	Virginia Spiderwort	x	x	x		x	
	<i>Trillium erectum</i>	Red Trillium			x		x	
	<i>Trillium grandiflorum</i>	White Trillium			x		x	
	<i>Trillium sessile</i>	Toadshade		x	x		x	
	<i>Trillium undulatum</i>	Painted Trillium	x	x	x		x	
	<i>Uvularia grandiflora</i>	Large-flowered Bellwort			x		x	
	<i>Uvularia perfoliata</i>	Perfoliate Bellwort	x	x			x	
	<i>Uvularia sessilifolia</i>	Straw Lily or Wild Oats	x	x	x	x	x	
	<i>Veratrum viride</i>	Green False Hellebore	x	x	x		x	x
	<i>Verbena hastata</i>	Blue Vervain	x	x			x	x
	<i>Verbesina alternifolia</i>	Wingstem	x				x	
	<i>Vernonia noveboracensis</i>	New York Ironweed	x	x			x	x
	<i>Veronicastrum virginicum</i>	Culver's Root	x	x			x	x
	<i>Viola conspersa</i>	American Dog Violet	x	x	x		x	x
	<i>Viola cucullata</i>	Marsh Blue Violet		x	x		x	x
	<i>Viola pedata</i>	Bird's Foot Violet	x	x		x	x	
	<i>Viola pubescens</i>	Downy Yellow Violet		x	x		x	
	<i>Viola sororia</i>	Common Blue Violet	x	x	x		x	
	<i>Viola striata</i>	Striped Cream Violet		x			x	x
	<i>Zizia aurea</i>	Golden Alexanders	x	x	x	x	x	

HERBACEOUS EMERGENTS

TYPE	BOTANICAL NAME	COMMON NAME	LIGHT			MOISTURE		
			SUN	PART SHADE	SHADE	DRY	MOIST	WET
	<i>Dulichium arundinaceum</i>	Three-Sided Sedge	x	x				x
	<i>Hibiscus moscheutos</i>	Rose Mallow	x	x			x	x
	<i>Iris prismatica</i>	Slender Blueflag	x	x			x	x
	<i>Iris versicolor</i>	Northern Blue Flag Iris	x	x			x	x
	<i>Iris virginica</i> ⁶	Virginia Blue Flag	x					x
	<i>Juncus canadensis</i>	Canada Rush	x	x			x	x
	<i>Juncus effusus</i>	Soft Rush	x	x		x		x
	<i>Justicia americana</i>	American Water-Willow	x	x			x	x
	<i>Nuphar lutea</i>	Yellow Pond Lily		x				x
	<i>Pontederia cordata</i>	Pickernelweed	x	x			x	x
	<i>Sagittaria latifolia</i>	Broadleaf Arrowhead		x				x
	<i>Saururus cernuus</i>	Lizard's Tail	x	x	x		x	x
	<i>Schoenoplectus validus</i>	Great Bulrush	x					x
	<i>Scirpus atrovirens</i>	Green Bulrush	x					x
	<i>Scirpus cyperinus</i>	Woolgrass	x				x	x
	<i>Sparganium americanum</i>	American Bur-reed	x	x				x

⁶ Native to Virginia, not native to Pennsylvania, will adapt to local climate. Ideal at edge of ponds.

REFERENCES

- USDA/NRCS Plants Database: search website “USDA Native Plant Database”
- Pennsylvania DCNR booklet, *Common Trees of Pennsylvania*, online edition. Search web “ Common Trees of Pennsylvania pdf.”
- Douglas W. Tallamy. *Bringing Nature Home: How You Can Sustain Wildlife with Native Plants*, 2007.
- Slattery, B.E., Reshetiloff, K., and Swicker, S.M. *Native Plants for Wildlife Habitat & Conservation Landscaping*. Annapolis, MD: U.S. Fish & Wildlife Service, 2005
- Lady Bird Johnson Wildflower Center, www.wildflower.org, Native Plants, Plant Lists.

NATIVE PLANT SOURCES

- Redbud Native Plant Nursery, Media, PA (Delaware County)
- Bowman’s Hill Wildflower Preserve, New Hope, PA (Bucks County)
- Jenkin’s Arboretum & Gardens, Devon, PA (Chester County)
- Go Native Tree Farm, Manheim, PA (Lancaster County)
- Mt. Cuba Center, Hockessin, DE (New Castle County)

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