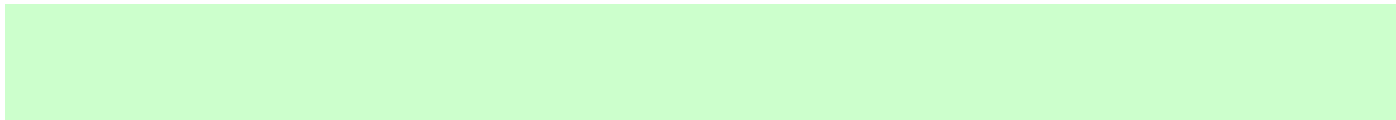
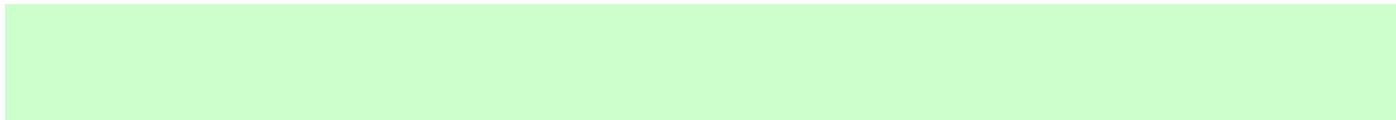


Adapted from "Landscaping with Native Plants," a DCNR publication available at www.dcnr.state.pa.us/forestry/wildplant/native.aspx.































	Common Name	Scientific Name	Bloom Period	Wildlife Value	Height	Hardiness Zone	Water	Light
Medium to Large Trees	Red maple	<i>Acer rubrum</i>	Mar-Apr	very high	40-60 ft	5-6		
		Notes: Red flowers; adaptable; fall color						
	Sugar maple	<i>Acer saccharum</i>	Apr-May	very high	60-75 ft	5-6		
		Notes: Yellow flowers in spring; fall color; maple syrup						
	Yellow birch	<i>Betula alleghaniensis</i>	Apr-May	very high	60-80 ft	5		
		Notes: Catkins in winter						
	Black birch	<i>Betula lenta</i>	Apr-May	very high	45-55 ft	--		
		Notes: Catkins in winter						
	River birch	<i>Betula nigra</i>	Apr-May	very high	60-80 ft	--		
		Notes: Catkins; striking bark; grows in eastern & central PA						
	American beech	<i>Fagus grandifolia</i>	Apr-May	high	50-70 ft	5-6		
		Notes: Beautiful tree; edible nuts; attractive bark						
	White ash	<i>Fraxinus americana</i>	Apr-May	intermediate	50-80 ft	6		
		Notes: Fast growth; fall color						
	Green ash	<i>Fraxinus pennsylvanica</i>	Apr-May	intermediate	30-50 ft	--		
		Notes: Fast growth; fall color						
	Tulip poplar	<i>Liriodendron tulipifera</i>		intermediate	75-100 ft	6		
		Notes: Green flowers in early summer; fast growth						
	Black-gum	<i>Nyssa sylvatica</i>	Apr-May	high	30-60 ft	6		
		Notes: Outstanding fall color						
Eastern white pine	<i>Pinus strobus</i>		very high	50-80 ft	5-6			
	Notes: Evergreen conifer							
Sycamore	<i>Platanus occidentalis</i>	Apr-May	low	75-100 ft	--			
	Notes: Showy bark; drops fruits							
White Oak	<i>Quercus alba</i>	Mar-Jun	very high	50-100 ft	6			
	Notes: Edible nuts; majestic							
Chestnut Oak	<i>Quercus montana</i>	May-Jun	very high	40-75 ft	6			
	Notes: Fall color; nuts attractive to wildlife							
Pin Oak	<i>Quercus palustris</i>	Apr-May	very high	60-70 ft	6			
	Notes: Common ornamental street trees; fall color							
Red Oak	<i>Quercus rubra</i>	Apr-May	very high	60-80 ft	5-6			
	Notes: Hardy and long-lived tree; fall color							



	Common Name	Scientific Name	Bloom Period	Wildlife Value	Height in Feet	Hardiness Zone	Water	Light
	Sassafras	<i>Sassafras albidum</i>	April	high	30-50 ft	6		
		Notes: Edible and medicinal uses; fall color						
	Basswood	<i>Tilia americana</i>	May-Jun	very low	60-80 ft	5-6		
		Notes: Flowers aromatic, with herbal uses; multiple trunks						
	Canada hemlock	<i>Tsuga canadensis</i>		high	40-70 ft	5-6		
	Notes: Evergreen conifer; PA state tree							
Small Trees and Shrubs	Smooth alder	<i>Alnus serrulata</i>	Mar-Apr	high	6-10	6		
		Notes: Yellow catkins; multi-stemmed; needs wet soil						
	Serviceberry	<i>Amelanchier arborea</i>	Mar-May	high	15-25	6		
		Notes: White flowers in spring; edible berries; fall color						
	Black chokeberry	<i>Aronia melanocarpa</i>	Mar-Jul	intermediate	3-6	--		
		Notes: White flowers; multi-stemmed; berries; fall color						
	New Jersey tea	<i>Ceanothus americanus</i>	May-Sep	intermediate	< 3	6		
		Notes: White flowers; multi-stemmed; tough; fixes nitrogen						
	Buttonbush	<i>Cephalanthus occidentalis</i>	Jun-Sep	intermediate	6-15	6		
		Notes: White flowers; multi-stemmed; interesting fruit						
	Redbud	<i>Cercis canadensis</i>	April	very low	20-35	--		
		Notes: Purple flowers in spring; fixes nitrogen						
	Alternate-leaved dogwood	<i>Cornus alternifolia</i>	May-Jun	very high	15-25	5-6		
		Notes: White flowers in early summer; blue berries						
	Silky dogwood	<i>Cornus amomum</i>	May-Jul	very high	6-12	6		
		Notes: White flowers in summer; blue berries; multi-stemmed						
	Flowering dogwood	<i>Cornus florida</i>	Apr-Jun	very high	10-30	6		
		Notes: White bracts in spring; red berries; diseases						
	Witch-hazel	<i>Hamamelis virginiana</i>	Sep-Nov	low	20-30	5-6		
		Notes: Yellow flowers; multi-stemmed; fragrant; medicinal						
Wild hydrangea	<i>Hydrangea arborescens</i>	Jun-Jul	low	3-5	6			
	Notes: White blooms in mid-summer; multi-stemmed							
Winterberry	<i>Ilex verticillata</i>	May-Jun	high	6-10	6			
	Notes: Showy berries in winter; multi-stemmed							

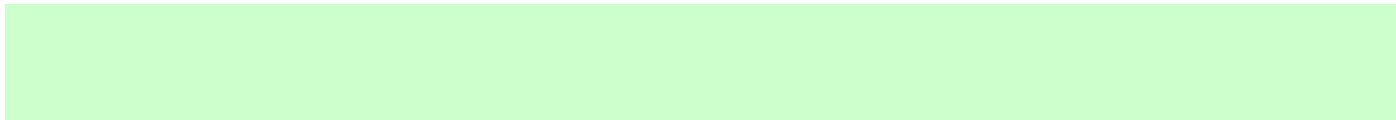


	Common Name	Scientific Name	Bloom Period	Wildlife Value	Height in Feet	Hardiness Zone	Water	Light
	Mountain laurel	<i>Kalmia latifolia</i>	May-Jul	very low	7-15	6		
		Notes: White flowers; evergreen; multi-stemmed; PA state flower						
	Spicebush	<i>Lindera benzoin</i>	Mar-May	high	6-12	6		
		Notes: Berries and foliage in fall; multi-stemmed; herbal uses						
	Ninebark	<i>Physocarpus opulifolius</i>	May-Jul	intermediate	5-10	6		
		Notes: Pink flowers; papery bark; multi-stemmed						
	Wild plum	<i>Prunus americana</i>	Apr-May	high	15-25	6		
		Notes: White flowers; edible fruit; multi-stemmed						
	Rosebay	<i>Rhododendron maximum</i>	Jun-Jul	very low	10-30	--		
		Notes: Rose flowers; evergreen; multi-stemmed						
	Pinxter-flower	<i>Rhododendron periclymenoides</i>	May-Jun	low	4-8	6		
		Notes: White-pink flowers; multi-stemmed						
	Black willow	<i>Salix nigra</i>	Apr-May	intermediate	30-50	6		
		Notes: Catkins in spring; needs wet to moist soil						
Small Trees and Shrubs	Silky willow	<i>Salix sericea</i>	May	intermediate	< 12	5-6		
		Notes: Catkins; needs wet conditions; multi-stemmed						
	Elderberry	<i>Sambucus canadensis</i>	Jun-Jul	very high	6-15	5-6		
		Notes: White flowers; multi-stemmed; edible berries & flowers						
	Lowbush blueberry	<i>Vaccinium angustifolium</i>	May-Jun	very high	1-2	--		
		Notes: White flowers; multi-stemmed; edible berries						
	Highbush blueberry	<i>Vaccinium corymbosum</i>	May-Jun	very high	6-12	--		
		Notes: White flowers; multi-stemmed; edible berries; fall colors						
	Maple-leaved viburnum	<i>Viburnum acerifolium</i>	May-Jun	intermediate	4-6	5-6		
	Arrow-wood	<i>Viburnum recognitum</i>	May-Jun	very high	3-15	--		
		Notes: White flowers in late spring; multi-stemmed						
Virginia creeper	<i>Parthenocissus quinquefolia</i>	July	high	10-40	--			
	Notes: Fall color; berries important for wildlife; considered a vine							

	Common Name	Scientific Name	Bloom Period	Bloom Color	Height	Hardiness Zone	Water	Light
Grasses	Big bluestem	<i>Andropogon gorardii</i>	Jun-Sep		3 - 5 ft	--		
		Notes: Clump forming; attractive, with winter interest						
	Lurid sedge	<i>Carex lurida</i>	Jun-Oct		1 - 2 ft	5-6		
		Notes: Wetland plant; interesting seeds						
	Bottlebrush grass	<i>Elymus hystrix</i>	Jun-Aug		2 - 4 ft	6		
		Notes: Grass which grows in shade						
	Riverbank wild-rye	<i>Elymus riparius</i>	Jul-Sep		3 - 5 ft	5-6		
		Notes: Good for streambank conditions						
	Virginia wild-rye	<i>Elymus virginicus</i>	Jul-Sep		2 - 4 ft	5-6		
		Notes: Grass which tolerates a wide range of conditions						
	Switch grass	<i>Panicum virgatum</i>	Aug-Sep		3 - 6 ft	--		
		Notes: Clump grass; can help control erosion						
Little bluestem	<i>Schizachyrium scoparium</i>	Jul-Sep		2 - 4 ft	6			
	Notes: Clump grass; tolerates poor soil; winter interest							
Indian grass	<i>Sorghastrum nutans</i>	Aug-Sep		3 - 6 ft	--			
	Notes: Clump grass; tall with beautiful flowers							
Ferns	Maidenhair fern	<i>Adiantum pedatum</i>			1 - 2 ft	5-6		
		Notes: Grows in clumps; delicate texture; herbal uses						
	Evergreen shield fern	<i>Dryopteris marginalis</i>			1 - 3 ft	5-6		
		Notes: Evergreen; clump-former; attractive						
	Interrupted fern	<i>Osmunda claytoniana</i>			2 - 4 ft	5-6		
		Notes: Grows in clumps; distinctive fronds						
Christmas fern	<i>Polystichum achrostichoides</i>			1 - 2 ft	5-6			
	Notes: Evergreen; grows in clumps							
Showy Flowers	Doll's eyes	<i>Actaea pachypoda</i>	Apr-Jun	white	1-3 ft	5		
		Notes: Interesting berries						
	Wild columbine	<i>Aquilegia canadensis</i>	Apr-Jun	red & yellow	1-3 ft	5-6		
		Notes: Commonly cultivated; spreads by seed; hummingbirds						
Jack-in-the-pulpit	<i>Arisaema triphyllum</i>	Apr-Jun	green-purple	1-3 ft	5-6			
	Notes: Unusual flower; bright red berries							

Common Name	Scientific Name	Bloom Period	Bloom Color	Height	Hardiness Zone	Water	Light
Wild ginger	<i>Asarum canadense</i>	Apr-May	maroon	< 1 ft	5-6		
	Notes: Edible and herbal uses						
Swamp milkweed	<i>Asclepias incarnata</i>	Jul-Aug	rose	2-4 ft	6		
	Notes: Butterfly plant; needs wet-moist soils						
Common milkweed	<i>Asclepias syrica</i>	Jun-Aug	pink	2-6 ft	5-6		
	Notes: Butterfly plant; interesting seed pods						
Butterfly-weed	<i>Asclepias tuberosa</i>	May-Sep	orange	1-3 ft	6		
	Notes: Butterfly plant; tolerates dry conditions; taproot						
New England aster	<i>Aster novae-angliae</i>	Aug-Oct	purple	2-6 ft	6		
	Notes: Showy and frequently cultivated						
Turtlehead	<i>Chelone glabra</i>	Jul-Sep	whitish	1-3 ft	5-6		
	Notes: Tolerates wet; strong grower; herbal uses; hummingbirds						
Joe-Pye weed	<i>Eupatorium fistulosum</i>	Aug-Sep	purple	3-6 ft	6		
	Notes: Good for insects in the garden; herbal uses						
White snakeroot	<i>Eupatorium rugosum</i>	Jul-Oct	white	2-3 ft	6		
	Notes: Tough plant; can grow in dry shade; cultivars available						
Gaura	<i>Gaura biennis</i>	Jul-Sep	white	1-6 ft	6		
	Notes: Attractive flowers						
Wood geranium	<i>Geranium maculatum</i>	Apr-Jul	rose	1-2 ft	5-6		
	Notes: Adaptable plant; long bloom time; spreader; herbal uses						
Common sneezeweed	<i>Helenium autumnale</i>	Aug-Oct	yellow	2-6 ft	6		
	Notes: Tolerates wet areas; showy flowers; herbal uses						
Sunflowers	<i>Helianthus sp.</i>	Jul-Sep	yellow	4-6 ft	6		
	Notes: Perennials; often aggressive; showy flowers; good for birds						
Oxeye sunflower	<i>Heliopsis helianthoides</i>	Jul-Sep	yellow	1-5 ft	6		
	Notes: Long bloom time; butterfly plant						
Alum-root	<i>Heuchera americana</i>	May-Aug	greenish	1-2 ft	6		
	Notes: Long bloom time; many cultivars and hybrids						
Cardinal flower	<i>Lobelia cardinalis</i>	Jul-Sep	scarlet	2-5 ft	6		
	Notes: Long bloom time; butterfly and hummingbird plant						
Great blue lobelia	<i>Lobelia siphilitica</i>	Jul-Oct	blue	1-3 ft	6		
	Notes: Long bloom time; white cultivars; hummingbirds<						

	Common Name	Scientific Name	Bloom Period	Bloom Color	Height	Hardiness Zone	Water	Light
Showy Flowers	Monkey-flower	<i>Mimulus ringens</i>	Jul-Sep	violet	2-3 ft.	5-6		
		Notes: Grows in moist places; interesting flowers						
	Partridge-berry	<i>Mitchella repens</i>	Jun-Jul	white	< 1 ft.	5-6		
		Notes: Evergreen; ground cover; berry edible and showy						
	Bee-balm	<i>Monarda didyma</i>	Jul-Aug	red	2-5 ft.	5		
		Notes: Showy flowers; aromatic; butterfly plant; herbal uses						
	Bee-balm	<i>Monarda fistulosa</i>	Jul-Aug	violet	2-5 ft.	--		
		Notes: Aromatic; tolerates dry soils; herbal uses						
	Sundrops	<i>Oenothera fruticosa</i>	Jun-Sep	yellow	1-3 ft.	6		
		Notes: Bright flowers; long bloom time						
	Sundrops	<i>Oenothera perennis</i>	Jun-Aug	yellow	1-2 ft.	5-6		
		Notes: Bright flowers; long bloom time						
	Beard-tongue	<i>Penstemon digitalis</i>	May-Jul	white	2-5 ft.	6		
		Notes: Colored cultivars; hummingbirds						
	Phlox	<i>Phlox divaricata</i>	May-Jun	lilac	1-2 ft.	--		
		Notes: Aromatic; butterflies						
	Phlox	<i>Phlox maculata</i>	Jun-Sep	purple	1-3 ft.	6		
		Notes: Aromatic; showy flowers; butterflies						
	Phlox	<i>Phlox paniculata</i>	Jul-Oct	pink	2-5 ft.	6		
		Notes: Aromatic; showy flowers; butterflies						
	May-apple	<i>Podophyllum peltatum</i>	May	white	1-2 ft.	6		
		Notes: Ground cover; edible fruit; mottled foliage						
	Jacob's Ladder	<i>Polemonium reptans</i>	Apr-Jun	blue	1-2 ft.	--		
	Notes: Attractive flowers; slow spreader; herbal uses							
Solomon's seal	<i>Polygonatum pubescens</i>	Apr-Jun	yellow	1-3 ft.	6			
	Notes: Not fussy; blue berries; herbal and edible uses							
Black-eyed Susan	<i>Rudbeckia hirta</i>	May-Sep	orange	2-3 ft.	5-6			
	Notes: Bright daisy-like flowers; long bloom time; many cultivars							
Cutleaf coneflower	<i>Rudbeckia lacianata</i>	Jul-Sep	yellow	2-6 ft.	5-6			
	Notes: Tall daisy; tolerates wet soil; herbal							
Bloodroot	<i>Sanguinaria canadensis</i>	Mar-May	white	< 1 ft.	6			
	Notes: Red juice; herbal uses							



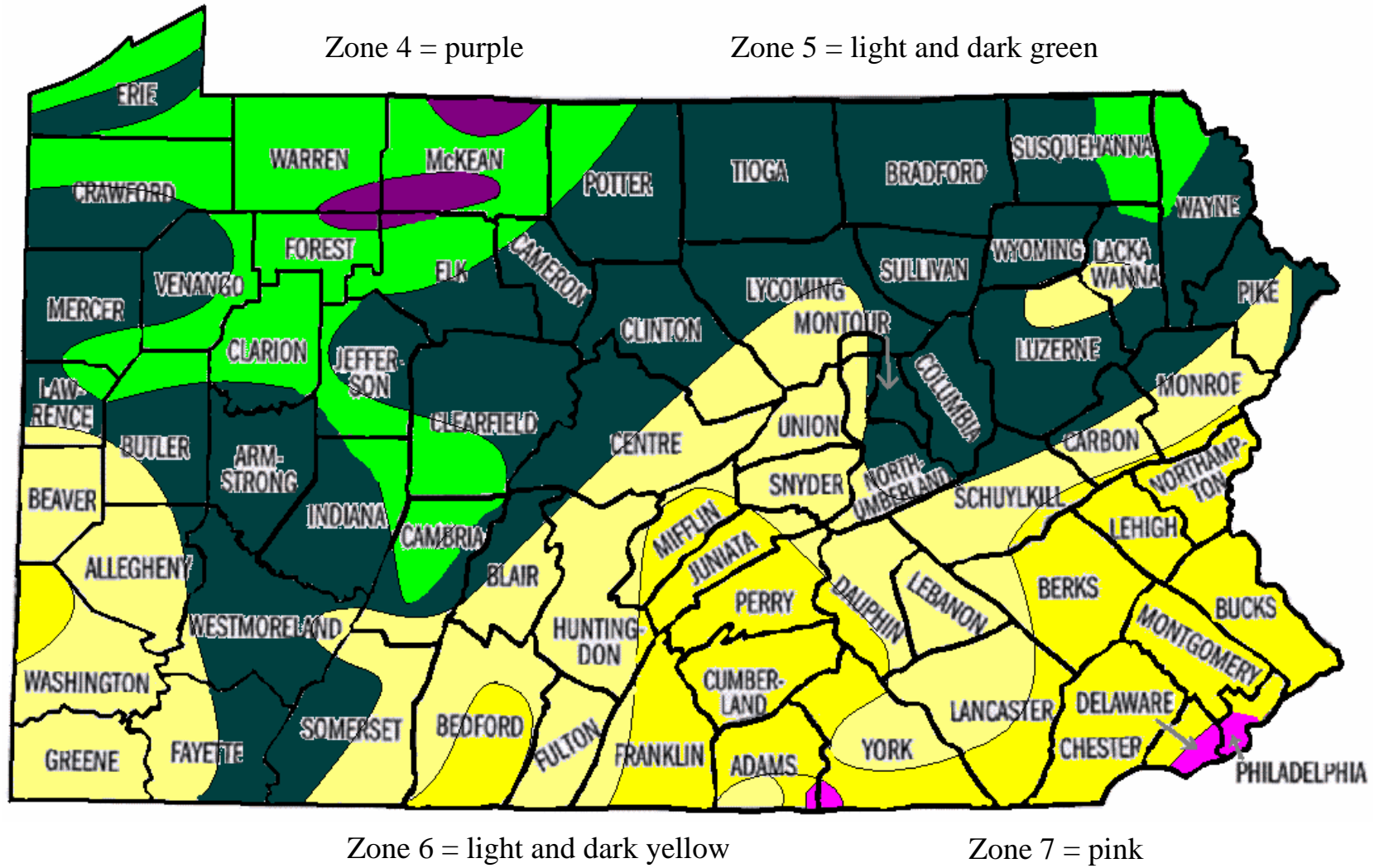
	Common Name	Scientific Name	Bloom Period	Bloom Color	Height	Hardiness Zone	Water	Light
	Golden ragwort	<i>Senecio aureus</i>	May-Jul	yellow	1-2 ft.	6		
		Notes: Wetland plant; long bloom time; early daisy-like flowers						
Showy Flowers	False Solomon's seal	<i>Smilacina racemosa</i>	May-Jul	white	1-2 ft.	5-6		
		Notes: Plume like flower; red berries; herbal uses						
	Wrinkle-leaf goldenrod	<i>Solidago rugosa</i>	Jul-Nov	yellow	2-6 ft.	5-6		
		Notes: Aggressive; tough plant; butterflies						
	Nodding ladies-tresses	<i>Spiranthes cernua</i>	Aug-Oct	white	1-2 ft.	--		
		Notes: Likes moist, acid soils; orchid flowers; herbal uses						
	Tall meadow-rue	<i>Thalictrum pubescens</i>	May-Jun	white	2-8 ft.	5-6		
		Notes: Wet to moist soil; tall plant; delicate flowers						
	Foamflower	<i>Tiarella cordifolia</i>	Apr-Jun	white	< 1 ft	5		
		Notes: Attractive, long-blooming flower; many cultivars						
	Trillium	<i>Trillium grandiflorum</i>	Apr-Jun	white	1-2 ft.	--		
		Notes: Showy flowers; common in western PA						
	Blue vervain	<i>Verbena hastata</i>	Jun-Sep	blue	2-5 ft.	5-6		
		Notes: Wet-moist soils; bright flowers; herbal uses						
	New York ironweed	<i>Veronica noveboracensis</i>	Jul-Sep	purple	3-6 ft.	6		
		Notes: Tall plant of wet-moist soils; brilliant flowers						
American dog violet	<i>Viola conspersa</i>	Apr-May	violet	< 1 ft.	6			
	Notes: Delicate plant and flower; edible							
Common blue violet	<i>Viola sororia</i>	Apr-May	violet	< 1 ft.	6			
	Notes: Delicate plant and flower; edible							
Golden-Alexanders	<i>Zizia aurea</i>	Apr-Jun	gold	1-2 ft.	--			
	Notes: Not fussy; attracts good insects							

SYMBOL KEY

Scientific Name: Scientific name from Rhoads and Klein, 1993, *The Vascular Flora of Pennsylvania*

Zone Preference: Pennsylvania is generally divided into two horticultural zones: USDA Zone 5 in the northern half of the state and higher elevations where the average minimum temperature may reach -10 to -20F. USDA Zone 6 is in the southern half of the state and lower elevations where the average coldest temperature is 0 to -10F. A dash (--) indicates the plant grows partially in both zones, but not throughout the entire area.

Water: - Wet - Moist - Dry
Light: - Full Sun - Medium Sun - Shade



Adapted from “Invasive Plants in Pennsylvania,” a DCNR publication available at www.dcnr.state.pa.us/forestry/wildplant/invplants.aspx.

SERIOUS INVASIVE THREATS

Scientific Name	Common Name	Plant Form	
<i>Alliaria petiolata</i> Notes: Invasive in many states; spreading aggressively in woodlands by seed	Garlic mustard	Flower	
<i>Carduus nutans</i> Notes: PA noxious Weed	Musk thistle	Flower	
<i>Cirsium arvense</i> Notes: PA noxious Weed	Canada thistle	Flower	
<i>Cirsium vulgare</i> Notes: PA noxious Weed	Bull thistle	Flower	
<i>Datura stramonium</i> Notes: Sometimes cultivated; spreads by seed, PA Noxious Weed	Jimsonweed	Flower	
<i>Galega officinalis</i> Notes: PA and Federal Noxious Weed, on location in SE PA	Goatsrue	Flower	
<i>Heraclium mantegazzianum</i> Notes: PA and Federal Noxious Weed, sap can cause burning blisters	Giant hogweed	Flower	
<i>Lythrum salicaria, L. virgatum</i> Notes: Garden escape which has become invasive in many states; PA noxious Weed	Purple loosestrife	Flower	
<i>Microstegium vimineum</i> Notes: Annual grass; invasive in many states; spreading through woodlands by seed	Japanese stilt grass	Grass	
<i>Phragmites australis</i> Notes: Native and introduced strains; wetland grass which can form huge colonies	Common reed	Grass	
<i>Polygonum (Falopia) cuspidatum</i> Notes: Invasive in many states; difficult to control; spreads by roots and seeds	Japanese knotweed	Flower	
<i>Sorghum bicolor ssp. drummondii</i> Notes: Grass; PA noxious Weed	Shattercane	Grass	
<i>Sorghum halepense</i> Notes: Grass; PA noxious Weed; spreads by roots and seeds	Johnson grass	Grass	
<i>Elaeagnus umbellata</i> Notes: Escaped from plantings and invasive in many states; rapidly spread by birds	Autumn olive	Shrub	
<i>Lonicera maackii</i> Notes: Escaped from plantings; seeds spread by birds	Amur honeysuckle	Shrub	
<i>Lonicera morrowii</i> Notes: Escaped from plantings and invasive in many states; seeds spread by birds	Morrow's honeysuckle	Shrub	
<i>Lonicera standishii</i> Notes: Escaped from plantings; seeds spread by birds	Standish honeysuckle	Shrub	

<i>Lonicera tartarica</i>	Tartarian honeysuckle	Shrub	Notes: Escaped from plantings; seeds spread by birds
<i>Rosa multiflora</i>	Multiflora rose	Shrub	Notes: Invasive in many states; seeds spread by birds; PA noxious Weed
<i>Acer platanoides</i>	Norway maple	Tree	Notes: Commonly planted and escaped; invasive in many states; wind spreads prolific seeds
<i>Ailanthus altissima</i>	Tree-of-heaven	Tree	Notes: Invasive in many states; wind spreads prolific seeds
<i>Celastrus orbiculatus</i>	Oriental bittersweet	Vine	Notes: Escaped from cultivation and invasive in many states; spreading rapidly (by birds)
<i>Lonicera japonica</i>	Japanese honeysuckle	Vine	Notes: Invasive in many states
<i>Polygonum perfoliatum</i>	Mile-a-minute vine	Vine	Notes: Range expanding; PA Noxious Weed
<i>Pueraria lobata</i>	Kudzu	Vine	Notes: Invasive in many states; PA Noxious Weed

MODERATE INVASIVE THREATS

Scientific Name	Common Name	Plant Form	
<i>Aegopodium podagraria</i>	Goutweed	Flower	Notes: Commonly planted in the past and escaped; spreads aggressively by roots
<i>Bromus tectorum</i>	Cheatgrass	Grass	Notes: Annual grass; very invasive throughout the west; spreads by seed
<i>Hesperis matronalis</i>	Dame's rocket	Flower	Notes: Planted in gardens; escaped and naturalized along roads; spreads by seed
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	Flower	Notes: Invasive in many states; aquatic
<i>Ornithogallum nutans, umbellatum</i>	Star-of-Bethlehem	Flower	Notes: Common garden plant which has widely escaped
<i>Pastinaca sativa</i>	Wild parsnip	Flower	Notes: Found commonly along roadsides; widespread and abundant; spread by seed
<i>Perilla frutescens</i>	Beefsteak plant	Flower	Notes: Garden escape; widespread mostly along roadsides; spread by seed
<i>Phalaris arundinacea</i>	Reed canary grass	Grass	Notes: Aggressive wetland grass; native and introduced strains; widespread and abundant
<i>Ranunculus ficaria</i>	Lesser celandine	Flower	Notes: Spreads by roots and shoots; can be very aggressive in wetlands
<i>Berberis thunbergii</i>	Japanese barberry	Shrub	Notes: Escaped from cultivation and invasive in many states; spread by birds
<i>Berberis vulgaris</i>	European barberry	Shrub	

Notes: Escaped from cultivation; spread by birds

Elaeagnus angustifolia Russian olive Shrub

Notes: Escaped from plantings and invasive in many states; spread by birds

Ligustrum obtusifolium Border privet Shrub

Notes: Escaped from cultivation; seeds spread by birds

Ligustrum vulgare Common privet Shrub

Notes: Planted very commonly in the past and escaped; invasive in many states

Lonicera morrowii x tatarica Bell's honeysuckle Shrub

Notes: Escaped from cultivation

Rhamnus catharticus Common buckthorn Shrub

Notes: Becoming a problem in PA

Rhamnus frangula Glossy buckthorn Shrub

Notes: Becoming a problem in PA

Rubus phoenicolasius Wineberry Shrub

Notes: Common bramble; not cultivated; spread by seed

Ulmus pumila Siberian elm Tree

Notes: Escaped from cultivation

Akebia quinata Fiveleaf akebia Vine

Notes: Escaped from cultivation

Ampelopsis brevipedunculata Porcelain-berry Vine

Notes: Escaped from cultivation



**Tree-of-heaven
(*Ailanthus altissima*)
on the left, and
Amur's honeysuckle
(*Lonicera maackii*) on
the right, are both
widespread in
Pennsylvania.**

