





Recommendation Guide To Native Plant Uses

Wildflowers for Butterfly attraction







| Genus/species: | Common name: | Light: | Flower: |
|-------------------------------|------------------------------|---|-----------|
| <i>Agastache foeniculum</i> | Fragrant Hyssop | →  | June-Aug |
| <i>Amphora canescens</i> | Leadplant |  | June-July |
| <i>Aquilegia canadensis</i> | Wild Columbine | →  | April-May |
| <i>Asclepias incarnata</i> | Marsh Milkweed |  | July |
| <i>Asclepias tuberosa</i> | Butterfly Milkweed |  | July-Aug |
| <i>Aster cordifolius</i> | Heartleaf Aster |  | Sept-Oct |
| <i>Aster laevis</i> | Smooth Aster |  | Aug-Sept |
| <i>Aster macrophyllus</i> | Large-leaved Aster | →  | Sept-Oct |
| <i>Aster novae angliae</i> | New England Aster | →  | Sept-Oct |
| <i>Aster oblongifolius</i> | Aromatic Aster |  | Sept-Oct |
| <i>Aster oolentangiensis</i> | Sky Blue Aster | →  | Sept-Oct |
| <i>Aster ptarmicoides</i> | White Upland Aster |  | July-Sept |
| <i>Aster sericeus</i> | Silky Aster |  | Sept-Oct |
| <i>Ceanothus americanus</i> | New Jersey Tea | →  | June-July |
| <i>Echinacea pallida</i> | Pale Coneflower | →  | June-July |
| <i>Echinacea purpurea</i> | Purple Coneflower | →  | Aug-Sept |
| <i>Eupatorium maculatum</i> | Joe Pye Weed |  | July |
| <i>Eupatorium perfoliatum</i> | Boneset |  | Aug-Sept |
| <i>Liatris aspera</i> | Rough Blazingstar |  | Aug-Oct |
| <i>Liatris cylindracea</i> | Cylindric Blazingstar |  | Aug-Oct |
| <i>Liatris ligulistylis</i> | Meadow Blazingstar |  | Aug-Sept |
| <i>Liatris pycnostachya</i> | Prairie Blazingstar |  | July-Aug |

















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|-------------------------------|-------------------------------|---|
| <i>Liatris punctata</i> | Dotted Blazingstar |  Aug-Sept |
| <i>Petalostemum purpureum</i> | Purple Prairie Clover |  July-Sept |
| <i>Ratibida pinnata</i> | Yellow Coneflower |  July-Sept |
| <i>Rudbeckia subtomentosa</i> | Sweet Black Eyed Susan |  →  Aug-Oct |
| <i>Silphium laciniatum</i> | Compass Plant |  July-Sept |
| <i>Silphium perf oliatum</i> | Cupplant |  →  July-Sept |
| <i>Verbena stricta</i> | Hoary Vervain |  July-Aug |
| <i>Vernonia fasciculata</i> | Ironweed |  July-Sept |

Wildflowers to Attract Hummingbirds

| Genus/species: | Common name: | Light: | Flower: |
|---|-----------------------------------|---|----------------|
| <i>Aquilegia canadensis</i> | Wild Columbine |  →  | April-May |
| <i>Iris versicolor</i> | Wild Iris | □□□□  | June-July |
| <i>Iris virginica</i> var. <i>shrevei</i> | Blue Flag Iris | | |
| <i>Lobelia cardinalis</i> | Cardinal Flower | □□□□  | July-Sept |
| <i>Lobelia siphilitica</i> | Great Blue Lobelia | □□□□  | Aug-Sept |
| <i>Penstemon grandiflorus</i> | Large-flowered Beardtongue | □□□□  | May-June |
| <i>Physostegra virginiana</i> | False Dragonhead | □□□□  | June-Sept |
| <i>Ruellia humilis</i> | Wild Petunia | □□□□  | June-Sept |
| <i>Silene regia</i> | Royal Catchfly | □□□□  | July-Aug |

Shrubs to Attract Birds

| Genus/species: | Common name: | Light: | Fruit: |
|--------------------------------|---------------------------------------|---|---------------|
| <i>Amelanchier alnifolia</i> | Saskatoon Serviceberry |  →  | June-July |
| <i>Amelanchier alnifolia</i> | 'Regent' Regent Serviceberry |  →  | June-July |
| <i>Amelanchier sanguinea</i> | Sand (Roundleaf) Serviceberry |  | June-July |
| <i>Amelanchier stolonifera</i> | Running Serviceberry |  | June-July |

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|-------------------------|----------------------------------|--|----------------|
| Cornus amomum | Silky Dogwood |  | September |
| Cornus obliqua | Pale Dogwood |  | August |
| Cornus racemosa | Gray Dogwood |  →  | Aug-Sept |
| Cornus sericea | Red-Twigged Dogwood |  | September |
| Ilex verticillata | Winterberry |  | Aug-Sept |
| Prunus besseyi | Western Sandcherry |  | July-Aug |
| Prunus pumila | Eastern Sandcherry |  | July-Aug |
| Rhus aromatica | Fragrant Sumac |  | Aug- March |
| Rhus glabra | Smooth Sumac |  | Sept- March |
| Rhus typhina | Staghorn Sumac |  | Sept- March |
| Ribes americanum | American Black Currant |  | July-Aug |
| Ribes cynosbati | Pasture Gooseberry |  | July-Aug |
| Ribes missouriensis | Missouri Gooseberry |  | July-Aug |
| Rubus allegheniensis | Highbush Blackberry |  →  | July-Aug |
| Rubus idaeus canadensis | Northern Raspberry |  | July-Aug |
| Rubus occidentalis | Black Raspberry |  | July-Aug |
| Sambucus canadensis | American Elder |  | Aug-Sept |
| Sambucus pubens | Red-Berried Elder |  →  | June-July |
| Vaccinium corymbosum | Highbush Blueberry |  →  | July-Aug |
| Viburnum lentago | Nannyberry Viburnum |  | Sept-Oct |
| Viburnum rafinesquianum | Downy Arrow wood Viburnum |  →  | Sept-Oct |
| Viburnum trilobum | American Cranberry |  →  | Sept-Feb |

Trees to Attract Birds

Genus/species:









Common name:

Light:

Fruit:


| | | | |
|----------------------------------|-------------------------------|---|----------------|
| <i>Amelanchier arborea</i> | Downy Serviceberry |  → | June-July |
| <i>Amelanchier laevis</i> | Allegheny Serviceberry |  → | June-July |
| <i>Amelanchier x grandiflora</i> | Apple Serviceberry |  → | June-July |
| <i>Celtis occidentalis</i> | Hackberry |  | Sept-Oct |
| <i>Cornus alternifolia</i> | Pagoda Dogwood |  → | July-Aug |
| <i>Juniperus virginiana</i> | Eastern Red Cedar |  | July- March |
| <i>Morus rubra</i> | Red Mulberry |  | June-July |
| <i>Prunus americana</i> | American Plum |  | Aug-Sept |
| <i>Prunus pennsylvanica</i> | Pin Cherry |  | July-Aug |
| <i>Prunus serotina</i> | Black Cherry |  | Aug-Sept |
| <i>Prunus virginiana</i> | Common Chokecherry |  | Aug-Sept |
| <i>Sorbus decora</i> | Showy Mountain Ash |  | Aug-Oct |
































Wildflowers for Woodlands

| Genus/species: | Common name: | Light: | Bloom: |
|---------------------------------|---------------------------|---|---------------|
| <i>Actea rubra</i> | Red Baneberry |  → | May-June |
| <i>Adiantum pedatum</i> | Maidenhair Fern |  → | |
| <i>Anemone canadensis</i> | Canada Mayflower |  | April- May |
| <i>Anemonella thalictroides</i> | Rue Anemone |  → | April- May |
| <i>Aquilegia canadensis</i> | Wild Columbine |  | April- May |
| <i>Arisaema triphyllum</i> | Jack-in-the-Pulpit |  → | April- May |
| <i>Asarum canadense</i> | Wild Ginger |  → | May-June |
| <i>Aster cordifolius</i> | Heartleaf Aster |  | Sept-Oct |

| | | | |
|----------------------------------|--------------------------------|--|----------|
| <i>Aster novae angliae</i> | New England Aster |  | Sept-Oct |
| <i>Aster oblongifolius</i> | Aromatic Aster |  | Sept-Oct |
| <i>Aster oolentangiensis</i> | Sky Blue Aster |  | Sept-Oct |
| <i>Aster macrophyllus</i> | Large-leaved Aster |  | Aug-Sept |
| <i>Athyrium filix femina</i> | Lady Fern |  →  | |
| <i>Carex pennsylvanica</i> | Pennsylvania Sedge |  | |
| <i>Geranium maculatum</i> | Wild Geranium |  →  | |
| <i>Hydrophyllum virginianum</i> | Virginia Waterleaf |  | |
| <i>Hystrix patula</i> | Bottlebrush Grass |  | |
| <i>Iris cristata</i> | Dwarf Crested Iris |  | |
| <i>Matteuccia struthiopteris</i> | Ostrich Fern |  →  | |
| <i>Mertensia virginica</i> | Virginia Bluebells |  | |
| <i>Onolcea sensibilis</i> | Sensitive Fern |  | |
| <i>Osmunda cinnamomea</i> | Cinnamon Fern |  →  | |
| <i>Phlox divaricata</i> | Woodland Phlox |  | |
| <i>Polemonium reptans</i> | Jacobs Ladder |  →  | |
| <i>Polygonatum biflorum</i> | Solomons Seal |  | |
| <i>Rudbeckia subtomentosa</i> | Sweet Black Eyed Susan |  | |
| <i>Sanguinaria canadensis</i> | Bloodroot |  | |
| <i>Smilacina racemosa</i> | False Solomons Seal |  | |
| <i>Solidago flexicaulis</i> | Zig-Zag Goldenrod |  | |
| <i>Trillium grandiflorum</i> | Large-flowered Trillium |  →  | |
| <i>Veronicastrum virginicum</i> | Culver's Root |  | |

Shrubs for Woodlands

| | | |
|-----------------------|-----------------------|---|
| Genus/species: | Common name: | Light: |
| <i>Alnus rugosa</i> | Speckled Alder |  |

| | | |
|--------------------------------|--------------------------------------|--|
| <i>Amelanchier sanguinea</i> | Sand (Roundleaf) Serviceberry |  |
| <i>Aronia melanocarpa</i> | Glossy Black Chokeberry |  |
| <i>Cornus racemosa</i> | Gray Dogwood |  |
| <i>Corylus americana</i> | American Hazelnut |  |
| <i>Coyrlus cornuta</i> | Beaked Filbert |  →  |
| <i>Diervilla lonicera</i> | Bronzeleaf Diervilla |  →  |
| <i>Dirca palustris</i> | Leatherwood |  →  |
| <i>Euonymus atropurpurea</i> | Eastern Wahoo |  |
| <i>Hamamelis virginiana</i> | Witch Hazel |  |
| <i>Juniperus communis</i> | Common Juniper |  |
| <i>Ribes americanum</i> | American Black Currant |  |
| <i>Ribes cynosbati</i> | Pasture Gooseberry |  |
| <i>Ribes missouriensis</i> | Missouri gooseberry |  |
| <i>Rubus parviflorus</i> | Thimbleberry |  →  |
| <i>Sambucus pubens</i> | Red-berried Elder |  →  |
| <i>Staphylea trifolia</i> | American Bladdernut |  →  |
| <i>Symphoricarpos albus</i> | White Snowberry |  →  |
| <i>Taxus canadensis</i> | Canada Yew |  →  |
| <i>Vaccinium angustifolium</i> | Lowbush Blueberry |  |
| <i>Vaccinium corymbosum</i> | Highbush Blueberry |  |
| <i>Viburnum lentago</i> | Nannyberry |  |
| <i>Viburnum rafinesquianum</i> | Downy Arrowwood |  |
| <i>Viburnum trilobum</i> | American Highbush Cranberry |  |

Trees for ornament

Genus/species:

Common name:

Light:

| | | |
|----------------------------------|-----------------------------------|---|
| <i>Amelanchier arborea</i> | Downy Serviceberry | → |
| <i>Amelanchier laevis</i> | Allegheny Serviceberry | → |
| <i>Amelanchier x grandiflora</i> | Apple Serviceberry | → |
| <i>Carpinus caroliniana</i> | Blue Beech (Musclewood) | → |
| <i>Cercis canadensis</i> | Redbud (MN Strain) | → |
| <i>Cornus alternifolia</i> | Pagoda Dogwood | → |
| <i>Crataegus crus-galli</i> | Cockspur Hawthorn | |
| <i>Euonymus atropurpurea</i> | Eastern Wahoo/Spindle Tree | → |
| <i>Prunus pennsylvanica</i> | Pin Cherry | |
| <i>Sorbus decora</i> | Showy Mountain Ash | |

Trees for shade

| Genus/species: | Common name: | Light: |
|------------------------------|----------------------------|---------------|
| <i>Acer rubrum</i> | Red Maple | → |
| <i>Acer saccharum</i> | Sugar Maple | → |
| <i>Betula alleghaniensis</i> | Yellow Birch | → |
| <i>Betula papyrifera</i> | Paper Birch | → |
| <i>Carya cordiformis</i> | Bitternut Hickory | → |
| <i>Celtis occidentalis</i> | Hackberry | → |
| <i>Fraxinus americana</i> | White Ash | → |
| <i>Gymnocladus dioicus</i> | Kentucky Coffeetree | → |
| <i>Prunus serotina</i> | Wild Black Cherry | → |

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|--------------------|--------------------------|---|
| Quercus alba | White Oak | → |
| Quercus bicolor | Swamp White Oak | → |
| Quercus macrocarpa | Bur Oak | → |
| Quercus rubra | Red Oak | → |
| Tilia americana | American Basswood | → |

Wildflowers for Raingardens





| Genus/species: | Common name: | Light: |
|-----------------------------|---------------------------|---------------|
| Acorus calamus | Sweet Flag | → |
| Andropogon gerardii | Big Bluestem | |
| Anemone canadensis | Canada Mayflower | → |
| Arisaema triphyllum | Jack-in-the-Pulpit | → |
| Aster novae angliae | New England Aster | → |
| Athyrium filix femina | Lady Fern | → |
| Carex crinita | Fringed Sedge | → |
| Eupatorium maculatum | Joe Pye Weed | → |
| Eupatorium perfoliatum | Boneset | → |
| Gentiana andrewsii | Bottle Gentian | |
| Hydrophyllum virginianum | Virginia Waterleaf | → |
| Iris versicolor | Blue Flag Iris | |
| Iris virginica var. shrevei | Blue Flag Iris | |
| Juncus tenuis | Path Rush | |
| Liatris ligulistylis | Meadow Blazingstar | |

| | | |
|----------------------------------|----------------------------|--|
| <i>Liatrix pycnostachya</i> | Prairie Blazingstar |  |
| <i>Lobelia cardinalis</i> | Cardinal Flower |  |
| <i>Lobelia siphilitica</i> | Great Blue Lobelia |  |
| <i>Matteuccia struthiopteris</i> | Ostrich Fern | →   |
| <i>Mimulus ringens</i> | Monkeyflower |  |
| <i>Onoclea sensibilis</i> | Sensitive Fern | →   |
| <i>Osmunda cinnamonea</i> | Cinnamon Fern | →   |
| <i>Panicum virgatum</i> | Switchgrass |  |
| <i>Sorghastrum nutans</i> | Indian Grass |  |
| <i>Vernonia fasciculata</i> | Ironweed |  |
| <i>Veronicastrum virginicum</i> | Culver's Root | →   |


Shrubs for Wetlands




These plants are ideal for shorelines, wetlands, and low areas.

| Genus/species: | Common name: | Light: | Soil: |
|--|--------------------------------|--|--------------|
| <i>Alnus rugosa</i> | Speckled Alder | →   | wet-mesic |
| <i>Amphora fruticosa</i> | False Indigo | →   | wet-mesic |
| <i>Aronia melanocarpa</i> | Glossy Black Chokeberry | →   | wet-mesic |
| <i>Betula pumila</i> var. <i>glandulifera</i> | Bog Birch |  | wet |
| <i>Cephalanthus occidentalis</i> | Buttonbush |  | wet |
| <i>Cornus amomum</i> | Silky Dogwood |  | wet-mesic |
| <i>Cornus sericea</i> | Red-Twigged Dogwood |  | wet-mesic |
| <i>Ilex verticillata</i> | Winterberry |  | wet-mesic |
| <i>Salix humilis</i> | Prairie Willow |  | wet-mesic |
| <i>Salix interior</i> | Sandbar Willow |  | wet |
| <i>Salix lucida</i> | Shining Willow |  | wet |
| <i>Salix rigida</i> | Heart-leaf Willow |  | |

| | | | |
|----------------------------|--------------------------------------|---|-----------|
| <i>Sambucus canadensis</i> | American Elder |  | wet-mesic |
| <i>Spiraea alba</i> | Meadowsweet |  | wet-mesic |
| <i>Spiraea tomentosa</i> | Hardhack Spirea (Steeplebush) |  | wet-mesic |
| <i>Viburnum trilobum</i> | American Cranberry |  | wet-mesic |

Trees for Wetlands

| Genus/species: | Common name: | Light: | Soil: |
|-------------------------------|-----------------------------|---|--------------|
| <i>Acer rubrum</i> | Red Maple |  | wet-mesic |
| <i>Acer saccharinum</i> | Silver Maple |  | wet |
| <i>Betula nigra</i> | River Birch |  | wet-mesic |
| <i>Fraxinus nigra</i> | Black Ash |  | wet-mesic |
| <i>Fraxinus pennsylvanica</i> | Green Ash |  | wet-mesic |
| <i>Larix laricina</i> | Tamarack |  | wet-mesic |
| <i>Picea mariana</i> | Black Spruce |  | wet-mesic |
| <i>Populus deltoides</i> | Cottonwood |  | wet-mesic |
| <i>Quercus bicolor</i> | Swamp White Oak |  | wet-mesic |
| <i>Salix amygdaloides</i> | Peachleaf Willow |  | wet |
| <i>Salix bebbiana</i> | Bebbs Willow |  | wet-mesic |
| <i>Salix discolor</i> | Pussy Willow |  | wet |
| <i>Salix nigra</i> | Black Willow |  | wet |
| <i>Thuja occidentalis</i> | Northern White Cedar |  | wet-mesic |

-  Full sun/direct light all day
-  Part shade/direct light for six to eight hours or filtered light/light under a tree canopy can reach the ground
-  Medium shade/light under a tree canopy cannot reach the ground.

Soil moisture:

Wet: Soils are moist during most the year.

Wet mesic: Excessively wet during spring or after heavy rainfalls; often dry during the summer season.

Mesic: Moderately moist; water soaks into soils without run-off.

Dry mesic: Well drained. DRY Excessively drained. Characteristics/comments: