

Ohio Native Plant Suggestions for Horticultural Plantings

Cleveland Metroparks Technical Report 2011/NR-05b



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Cover photos beginning top left clockwise: Indian Grass (*Sorghastrum nutans*), Paw Paw (*Asimina triloba*), Smooth Oxeye (*Heliopsis helianthoides*), Maidenhair Fern (*Adiantum pedatum*), and Purple Coneflower (*Echinacea purpurea*).

This is a suggested list of native plants for use in horticultural plantings. The included plant species were selected to represent a variety of life forms. Species range in form, size (height), bloom time, bloom color, and light preference. The plant list is organized into three tables based on plant form:

Table 1. Forbs

Table 2. Grasses, Sedges and Ferns

Table 3. Shrubs

Table Organization:

1. Within each table, plants are sorted by maximum height from shortest to tallest.
 - Low (under 1 foot)
 - Medium (1-3 feet)
 - Tall (3-6 feet)
 - Extra tall (> 6feet)
2. Within each height class, plants are sorted by light tolerance from full sun to shade.
3. An assortment of bloom times and bloom colors were selected to maintain appearance throughout the growing season.

This list is based on generalized plant characteristics, and individual plants may vary in height, bloom time, bloom color, soil moisture, and sun/shade tolerance. Incorporating native species into horticultural plantings increases native biodiversity and provides habitat for native wildlife.

Two definition tables provide clarification on moisture categories found on the native plant list.

Table 4. Describes wetland indicator categories as defined by the USDA (2008)

Table 5. Describes soil moisture tolerance ranges.

The selected species represent plants that are available for purchase from several Ohio native plant nurseries. When purchasing native plants, ensure that the scientific name matches the plant you are buying. Common names are sometimes used for more than one species. For more information on native plants and lists of Ohio native plant nurseries please visit

http://web4.audubon.org/bird/at_home/PlantNativeSpecies.html and

<http://www.wcasohio.org/PDF%20files/GuidetoOhioNativePlantNurseries--1.7rev2006..pdf>

Appropriate citation: Hausman, Constance E., and Sarah Eysenbach. 2011. Ohio Native Plant Suggestions for Horticultural Plantings. Cleveland Metroparks Technical Report 2011/NR-05b. Division of Natural Resources, Cleveland Metroparks, Fairview Park, Ohio.

Table 1: Ohio native plant list descriptions for forbs. These are generalized plant characteristics: variability occurs in height, bloom time, bloom color, soil moisture, and sun/shade tolerance.

| | |
|---|-----------------------|
| Native Plants of the Year 2011 as designated by LEAP | |
| Color Key for Plant Heights | |
| | Low (under 1ft) |
| | Medium (1 to 3ft) |
| | Tall (3 to 6ft) |
| | Extra Tall (over 6ft) |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|-------------------------|-----------------------------------|------|----------------|------------------------|---------------------|--------------------------|-------------------------|---------------------------|
| Pale Blue-Eyed Grass | <i>Sisyrinchium albidum</i> | Forb | Low (<1ft) | Late Spring (May-Jun) | Blue | Facultative | Moist | Full Sun to Partial Shade |
| Downy Phlox | <i>Phlox pilosa</i> | Forb | Low (1-2ft) | Spring (Apr-May) | Magenta | Facultative | Moist | Full Sun to Partial Shade |
| Wild Strawberry | <i>Fragaria virginiana</i> | Forb | Low (<1ft) | Spring (Apr-Jun) | White | Facultative | Moist | Full Sun to Shade |
| Stout Blue-Eyed Grass | <i>Sisyrinchium angustifolium</i> | Forb | Low (0-1ft) | Late Spring (May-Jun) | Blue | Facultative Wetland - | Wet-Moist | Full Sun to Shade |
| Partridge-Berry | <i>Mitchella repens</i> | Forb | Low (<1ft) | Summer (Jun-Jul) | White, Pink, Purple | Facultative Upland | Moist-Dry | Partial Shade |
| Golden Knees | <i>Chrysogonum virginianum</i> | Forb | Low (0-1ft) | Spring (Apr-May) | Yellow | Upland | Dry | Partial Shade |
| Wild Ginger | <i>Asarum canadense</i> | Forb | Low (0-1ft) | Spring (Apr-Jun) | Maroon | Facultative - | Moist | Partial Shade |
| Canada Anemone | <i>Anemone canadensis</i> | Forb | Low (1ft) | Late Spring (May-Jun) | White | Facultative Wetland | Wet-Moist | Partial Shade |
| Wild Geranium | <i>Geranium maculatum</i> | Forb | Low (1ft) | Late Spring (May-Jun) | Pink, Lavender | Facultative | Moist | Partial Shade |
| Spring Beauty | <i>Claytonia virginica</i> | Forb | Low (<1ft) | Spring (Apr) | Pink | Facultative | Moist | Shade |
| Virginia Waterleaf | <i>Hydrophyllum virginianum</i> | Forb | Low (0-1ft) | Late Spring (May-June) | White, Purple | Facultative | Moist | Shade |
| Wild Stonecrop | <i>Sedum ternatum</i> | Forb | Low (0-1ft) | Spring (Apr-Jun) | White | Upland | Dry | Shade |
| Dutchman's Breeches | <i>Dicentra cucullaria</i> | Forb | Low (0-1ft) | Spring (Apr-May) | White | Upland | Dry | Shade |
| Large-Flowered Trillium | <i>Trillium grandiflorum</i> | Forb | Low (0-1ft) | Spring (Apr-May) | White | Upland | Dry | Shade |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|------------------------|---------------------------------|------|----------------|-----------------------|----------------|--------------------------|-------------------------|---------------------------|
| Hoary Vervain | <i>Verbena stricta</i> | Forb | Medium (2-3ft) | Summer (Jun-Sep) | Purple | Upland | Dry | Full Sun |
| Ohio Spiderwort | <i>Tradescantia ohiensis</i> | Forb | Medium (2-4ft) | Spring (May-Jul) | Blue, Violet | Facultative | Moist | Full Sun |
| Butterfly Weed | <i>Asclepias tuberosa</i> | Forb | Medium (1-3ft) | Summer (Jun-Aug) | Orange, Yellow | Upland | Dry, Sand | Full Sun |
| Purple Coneflower | <i>Echinacea purpurea</i> | Forb | Medium (1-3ft) | Summer (Jun-Sep) | Purple | Upland | Dry | Full Sun |
| Black-Eyed Susan | <i>Rudbeckia hirta</i> | Forb | Medium (1-3ft) | Summer (Jun-Sep) | Yellow | Facultative Upland- | Moist-Dry | Full Sun |
| Wild Lupine | <i>Lupinus perennis</i> | Forb | Medium (1-2ft) | Late Spring (May-Jun) | Blue | Upland | Dry, Sand | Full Sun to Partial Shade |
| Great Blue Lobelia | <i>Lobelia siphilitica</i> | Forb | Medium (1-3ft) | Summer (Jul-Sep) | Blue | Facultative Wetland+ | Wet-Moist | Full Sun to Partial Shade |
| Flat-Topped Goldenrod | <i>Euthamia graminifolia</i> | Forb | Medium (1-4ft) | Summer (Jul-Sep) | Yellow | Facultative | Moist | Full Sun to Partial Shade |
| Virginia Mountain Mint | <i>Pycnanthemum virginianum</i> | Forb | Medium (2-3ft) | Summer (Jun-Sep) | White | Facultative | Moist | Full Sun to Partial Shade |
| Sullivant's Milkweed | <i>Asclepias sullivantii</i> | Forb | Medium (2-3ft) | Summer (Jun-Aug) | Pink | Upland | Dry | Full Sun to Partial Shade |
| Western Sunflower | <i>Helianthus occidentalis</i> | Forb | Medium (2-3ft) | Summer (Jul-Sep) | Yellow | Upland | Dry | Full Sun to Partial Shade |
| Showy Goldenrod | <i>Solidago speciosa</i> | Forb | Medium (2-3ft) | Fall (Aug-Oct) | Yellow | Upland | Dry, Sand | Full Sun to Partial Shade |
| Hairy Bush-Clover | <i>Lespedeza hirta</i> | Forb | Medium (2-4ft) | Summer (Jul-Sep) | White, Green | Upland | Dry, Sand | Full Sun to Partial Shade |
| Golden Alexanders | <i>Zizia aurea</i> | Forb | Medium (3ft) | Spring (Apr-Jun) | Yellow | Facultative | Moist | Full Sun to Partial Shade |
| Bee Balm | <i>Monarda didyma</i> | Forb | Medium (1-3ft) | Summer (Jun-Aug) | Red | Facultative + | Moist | Full Sun to Partial Shade |
| Wild Bergamot | <i>Monarda fistulosa</i> | Forb | Medium (2-4ft) | Summer (Jul-Sep) | Purple, Pink | Upland | Dry | Full Sun to Partial Shade |
| Wild Columbine | <i>Aquilegia canadensis</i> | Forb | Medium (2-3ft) | Spring (Apr-Jun) | Orange, Yellow | Facultative | Moist | Full Sun to Shade |
| Goat's Rue | <i>Tephrosia virginiana</i> | Forb | Medium (1-3ft) | Summer (Jun-Jul) | Pink, Cream | Upland | Dry, Sand | Partial Shade |
| Cardinal Flower | <i>Lobelia cardinalis</i> | Forb | Medium (2-5ft) | Summer (Jul-Sep) | Red | Facultative Wetland + | Wet-Moist | Partial Shade |
| Elm-Leaved Goldenrod | <i>Solidago ulmifolia</i> | Forb | Medium (2-6ft) | Summer (Jul-Oct) | Yellow | Upland | Dry | Partial Shade |
| Spotted Joe-Pye Weed | <i>Eupatorium maculatum</i> | Forb | Tall (3-6ft) | Summer (Aug- Sep) | Red, Purple | Facultative Wetland | Wet-Moist | Full Sun |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|----------------------------------|---------------------------------|------|---------------------|-----------------------|--------------|--------------------------|-------------------------|---------------------------|
| New England Aster | <i>Aster novae-angliae</i> | Forb | Tall (3-6ft) | Fall (Aug-Oct) | Purple | Facultative Wetland - | Wet-Moist | Full Sun |
| Canada Tick-Trefoil | <i>Desmodium canadense</i> | Forb | Tall (3-6ft) | Summer (Jun-Sep) | Pink, Purple | Facultative | Moist | Full Sun |
| Stiff Goldenrod | <i>Solidago rigida</i> | Forb | Tall (3-6ft) | Fall (Aug-Oct) | Yellow | Upland | Dry | Full Sun |
| New York Ironweed | <i>Vernonia noveboracensis</i> | Forb | Tall (3-6ft) | Summer (Aug-Sep) | Red, Purple | Facultative Wetland + | Wet-Moist | Full Sun |
| Gray-Headed Coneflower | <i>Ratibida pinnata</i> | Forb | Tall (3-6ft) | Summer (Jun-Sep) | Yellow | Upland | Dry | Full Sun |
| Smooth Oxeye | <i>Heliopsis helianthoides</i> | Forb | Tall (3-6ft) | Summer (Jun-Sep) | Yellow | Upland | Dry | Full Sun |
| Blue Vervain | <i>Verbena hastata</i> | Forb | Tall (3-6ft). | Summer (Jul-Sep) | Blue, Purple | Facultative Wetland + | Wet-Moist | Full Sun |
| Spiked Blazing Star | <i>Liatris spicata</i> | Forb | Tall (3-6ft) | Summer (Aug to Sep) | Purple | Facultative + | Moist | Full Sun |
| Northern Wild Senna (Wild Senna) | <i>Senna hebecarpa</i> | Forb | Tall (3-6ft) | Summer (Jul-Aug) | Yellow | Facultative | Moist | Full Sun to Partial Shade |
| White False Indigo | <i>Baptisia lactea</i> | Forb | Tall (3-4ft) | Summer (Jun-Jul) | White | Facultative | Moist | Full Sun to Partial Shade |
| False Aster | <i>Boltonia asteroides</i> | Forb | Tall (3-5ft) | Fall (Aug-Oct) | White | Facultative Wetland | Wet-Moist | Full Sun to Partial Shade |
| Culver's Root | <i>Veronicastrum virginicum</i> | Forb | Tall (3-6ft) | Summer (Jun-Aug) | White | Facultative | Moist | Full Sun to Partial Shade |
| Tall Meadow-Rue | <i>Thalictrum pubescens</i> | Forb | Tall (3-8ft) | Summer (Jul-Sep) | White | Facultative Wetland + | Wet-Moist | Full Sun to Partial Shade |
| Queen of the Prairie | <i>Filipendula rubra</i> | Forb | Tall (4-6ft) | Summer (Jun-Jul) | Pink | Facultative Wetland | Wet-Moist | Full Sun to Partial Shade |
| Goat's beard | <i>Aruncus dioicus</i> | Forb | Tall (3-6ft) | Late Spring (May-Jun) | White | Facultative | Moist | Full Sun to Shade |
| Three-Lobed Coneflower | <i>Rudbeckia triloba</i> | Forb | Tall (3-6ft) | Summer (Jul-Oct) | Yellow | Facultative upland | Moist-Dry | Full Sun to Shade |
| Green-Headed Coneflower | <i>Rudbeckia laciniata</i> | Forb | Tall (3-6ft) | Summer (Jul-Sep) | Yellow | Facultative Wetland | Wet-Moist | Full Sun to Shade |
| Obedient Plant | <i>Physostegia virginiana</i> | Forb | Tall (3-6ft). | Summer (Aug-Sep) | Pink, Purple | Facultative + | Moist | Full Sun to Shade |
| Tall Bellflower | <i>Campanula americana</i> | Forb | Tall (3-6ftt) | Summer (Jun-Aug) | Blue, Purple | Facultative | Moist | Partial Shade |
| Jerusalem Artichoke | <i>Helianthus tuberosus</i> | Forb | Extra Tall (8-12ft) | Summer (Jul-Sep) | Yellow | Facultative | Moist | Full Sun |
| False Indigo | <i>Amorpha fruticosa</i> | Forb | Extra Tall (6-12ft) | Summer (Jun-Aug) | Purple | Facultative Wetland | Wet-Moist | Full Sun to Partial Shade |

Table 2: Ohio native plant list descriptions for grasses, sedges, and ferns. These are generalized plant characteristics: variability occurs in height, bloom time, bloom color, soil moisture, and sun/shade tolerance.

| Color Key for Plant Heights | |
|-----------------------------|-----------------------|
| | Low (under 1ft) |
| | Medium (1 to 3ft) |
| | Tall (3 to 6ft) |
| | Extra Tall (over 6ft) |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|-------------------------------------|---------------------------------|-------|---------------------|------------------------|----------------------|--------------------------|-------------------------|---------------------------|
| June Grass | <i>Koeleria pyramidata</i> | Grass | Medium (2ft) | Late Spring (May-Jun) | Yellow | Upland | Dry, Sand | Full Sun |
| Bluejoint Grass | <i>Calamagrostis canadensis</i> | Grass | Medium (2-4ft) | Summer (Jun-Aug) | Green | Facultative Wetland + | Wet-Moist | Full Sun |
| Sand Dropseed | <i>Sporobolus cryptandrus</i> | Grass | Medium (2-4ft) | Summer (Jun-Oct) | Yellow | Upland | Dry, Sand | Full Sun |
| Purple Love Grass | <i>Eragrostis spectabilis</i> | Grass | Medium (2ft) | Fall (Aug-Oct) | Red, Purple | Upland | Dry, Sand | Full Sun to Partial Shade |
| Sideoats Grama Grass | <i>Bouteloua curtipendula</i> | Grass | Medium (1-3ft) | Summer (Jul-Sep) | Red, Orange, Yellow | Upland | Dry | Full Sun to Shade |
| Virginia Wild Rye | <i>Elymus virginicus</i> | Grass | Medium (1-3ft) | Late Spring (May-June) | Yellow | Facultative Wetland - | Wet-Moist | Full Sun to Shade |
| Little Bluestem | <i>Schizachyrium scoparium</i> | Grass | Medium (2-3ft) | Summer (Aug-Sep) | White, Green, Brown | Facultative Upland- | Moist-Dry | Full Sun to Shade |
| Bottlebrush Grass | <i>Elymus hystrix</i> | Grass | Medium (2-3ft) | Summer (Jun-Aug) | Green | Upland | Dry | Full Sun to Shade |
| American Beak Grass | <i>Diarrhena americana</i> | Grass | Medium (2-4ft) | Summer (Jun-Aug) | Green | Facultative + | Moist | Shade |
| Switch Grass | <i>Panicum virgatum</i> | Grass | Tall (3-6ft) | Summer (Aug to Sep) | Green, Brown | Facultative | Moist | Full Sun |
| Wool-Grass | <i>Scirpus cyperinus</i> | Grass | Tall (4-6ft) | Summer (Jun-Sep) | Green, Brown | Facultative Wetland + | Wet-Moist | Full Sun |
| Indian Grass | <i>Sorghastrum nutans</i> | Grass | Tall (3-6ft) | Fall (Aug-Oct) | Yellow | Upland | Dry | Full Sun to Partial Shade |
| Canada Wild-Rye | <i>Elymus canadensis</i> | Grass | Tall (3-6ft) | Summer (Jul-Sep) | Yellow, Green, Brown | Facultative Upland+ | Moist-Dry | Full Sun to Shade |
| Wild River Oats (Northern Sea Oats) | <i>Chasmanthium latifolium</i> | Grass | Tall (3-6ft) | Summer (Jun-Sep) | Green | Facultative upland | Moist-Dry | Shade |
| Big Bluestem | <i>Andropogon gerardii</i> | Grass | Extra Tall (6-12ft) | Fall (Aug-Oct) | Red, Blue, Brown | Facultative | Moist | Full Sun to Shade |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|-------------------------|----------------------------|-------|----------------|------------------|-------------|--------------------------|-------------------------|-----------------------|
| Blue Wood Sedge | Carex glaucoidea | Sedge | Low (0-1ft) | Late Spring | N/A | Facultative | Moist | Partial Shade |
| Broad-Leaved Wood Sedge | Carex platyphylla | Sedge | Low (0-1ft) | Spring | N/A | Upland | Dry | Shade |
| Tufted-Fescue Sedge | Carex brevior | Sedge | Medium (1-3ft) | Summer | N/A | Upland | Dry | Full Sun |
| Pennsylvania Sedge | Carex pensylvanica | Sedge | Medium (1-3ft) | Summer | N/A | Upland | Dry | Full Sun to Shade |
| Fox Sedge | Carex vulpinoidea | Sedge | Medium (2-3ft) | Summer | N/A | Upland | Dry | Full to Partial Shade |
| Gray's Sedge | Carex grayi | Sedge | Medium (1-3ft) | Late Spring | N/A | Facultative Wetland + | Wet-Moist | Shade |
| Plantain Sedge | Carex plantaginea | Sedge | Medium (1-3ft) | Spring | N/A | Facultative Upland- | Moist-Dry | Shade |
| Radiate Sedge | Carex radiata | Sedge | Medium (1-3ft) | Spring | N/A | Facultative | Moist | Shade |
| Large Straw Sedge | Carex normalis | Sedge | Tall (3-5ft) | Late Spring | N/A | Facultative | Moist | Full Sun |
| Common Three-square | Schoenoplectus pungens | Sedge | Tall (3-6ft) | Spring (Apr-May) | Brown | Facultative Wetland + | Wet-Moist | Full Sun |
| Marsh Fern | Thelypteris palustris | Fern | Medium (1-3ft) | Summer | N/A | Facultative Wetland + | Wet-Moist | Full Sun |
| Sensitive Fern | Onoclea sensibilis | Fern | Medium (1ft) | Summer | N/A | Facultative Wetland | Wet-Moist | Full Sun to Shade |
| Bracken Fern | Pteridium aquilinum | Fern | Medium (2-3ft) | Summer | N/A | Facultative | Moist | Full to Partial Shade |
| Lady Fern | Athyrium filix-femina | Fern | Medium (1ft) | Summer | N/A | Facultative | Moist | Shade |
| Maidenhair Fern | Adiantum pedatum | Fern | Medium (1-3ft) | Summer | N/A | Facultative - | Moist | Shade |
| Marginal Shield Fern | Dryopteris marginalis | Fern | Medium (1-3ft) | Summer | N/A | Facultative Upland- | Moist-Dry | Shade |
| Christmas Fern | Polystichum acrostichoides | Fern | Medium (1-3ft) | Summer | N/A | Facultative Upland- | Moist-Dry | Shade |
| Ostrich Fern | Matteuccia struthiopteris | Fern | Tall (3-6ft) | Summer | N/A | Facultative Wetland | Wet-Moist | Partial Shade |
| Hay-scented Fern | Dennstaedtia punctilobula | Fern | Tall (3-6ft) | Summer | N/A | Upland | Dry | Partial Shade |
| Cinnamon Fern | Osmunda cinnamomea | Fern | Tall (3-5ft) | Summer | N/A | Facultative Wetland | Wet-Moist | Partial Shade |

Table 3: Ohio native plant list descriptions for shrubs. These are generalized plant characteristics: variability occurs in height, bloom time, bloom color, soil moisture, and sun/shade tolerance.

| | |
|---|-----------------------|
| Native Plants of the Year 2011 as designated by LEAP | |
| Color Key for Plant Heights | |
| | Low (under 1ft) |
| | Medium (1 to 3ft) |
| | Tall (3 to 6ft) |
| | Extra Tall (over 6ft) |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|-------------------------|-----------------------------|-------|----------------------|-----------------------|-----------------------------|--------------------------|-------------------------|---------------------------|
| Bunchberry | <i>Cornus canadensis</i> | Shrub | Low (0-1ft) | Summer (Jun-Sep) | White, Yellow, Green, Brown | Facultative - | Moist | Full Sun to Shade |
| Kalm's St. John's-Wort | <i>Hypericum kalmianum</i> | Shrub | Medium (1-3ft) | Summer (Jul-Aug) | Yellow | Facultative | Moist | Full Sun |
| Pasture Rose | <i>Rosa carolina</i> | Shrub | Medium (1-3ft) | Summer (Jul-Sep) | Pink | Upland | Dry, Sand | Full Sun |
| Shrubby St. John's Wort | <i>Hypericum prolificum</i> | Shrub | Medium (2-4ft) | Summer (Jul-Aug) | Yellow | Facultative | Moist | Full Sun |
| New Jersey Tea | <i>Ceanothus americanus</i> | Shrub | Medium (1-3ft) | Summer (Jun-Aug) | White | Upland | Dry | Full Sun to Partial Shade |
| Flowering Raspberry | <i>Rubus odoratus</i> | Shrub | Medium (1-3ft) | Summer (Jun-Aug) | Pink, Purple | Upland | Dry | Full Sun to Shade |
| Bush-Honeysuckle | <i>Diervilla lonicera</i> | Shrub | Medium (1-3ft) | Summer (Jun-Aug) | Purple, Red, Orange, Yellow | Upland | Dry | Shade |
| Meadow-Sweet | <i>Spiraea alba</i> | Shrub | Tall (3-6ft) | Summer (Jun-Sep) | White | Facultative Wetland + | Wet-Moist | Full Sun |
| Sand Cherry | <i>Prunus pumila</i> | Shrub | Tall (3-6ft) | Summer (Jun-Jul) | White | Upland | Dry, Sand | Full Sun |
| Silky Dogwood | <i>Cornus amomum</i> | Shrub | Tall (3-6ft) | Summer (May-Jul) | White | Facultative Wetland | Wet-Moist | Full Sun to Partial Shade |
| Snowberry | <i>Symphoricarpos albus</i> | Shrub | Tall (3-6ft) | Summer (Jun-Jul) | White, Pink | Facultative Upland - | Moist-Dry | Full Sun to Shade |
| Maple-Leaved Viburnum | <i>Viburnum acerifolium</i> | Shrub | Tall (3-6ft) | Summer (Jun) | White | Upland | Dry | Full Sun to Shade |
| Sweetfern | <i>Comptonia peregrina</i> | Shrub | Tall (3-6ft) | Late Spring (May-Jun) | White, Green, Brown | Upland | Dry, Sand | Partial Shade |
| Pussy Willow | <i>Salix discolor</i> | Shrub | Extra Tall (13-25ft) | Spring (Mar-May) | Gray, Silver | Facultative Wetland | Wet-Moist | Full Sun |

| Common Name | Scientific Name | Form | Maximum Height | Bloom Time | Bloom Color | Wetland Indicator Status | Soil Moisture Tolerance | Shade/Sun Tolerance |
|--------------------------|-------------------------------------|-------|----------------------|------------------------|---------------------|--------------------------|-------------------------|---------------------------|
| Ninebark | <i>Physocarpus opulifolius</i> | Shrub | Extra-Tall (5-10ft) | Late Spring (May-Jun) | White, Pink | Facultative Wetland - | Wet-Moist | Full Sun to Partial Shade |
| Common Elderberry | <i>Sambucus canadensis</i> | Shrub | Extra Tall (5-12ft) | Late Spring (May-Jun) | White | Facultative Wetland - | Wet-Moist | Full Sun to Shade |
| Winterberry | <i>Ilex verticillata</i> | Shrub | Extra Tall (6-12ft) | Summer (May-Jul) | White | Facultative Wetland + | Wet-Moist | Full Sun to Shade |
| Gray Dogwood | <i>Cornus racemosa</i> | Shrub | Extra-Tall (6-12ft) | Late Spring (May-June) | White, Green | Facultative - | Moist | Full Sun to Shade |
| Nannyberry | <i>Viburnum lentago</i> | Shrub | Extra-Tall (8-20ft) | Spring (Apr-Jun) | White | Facultative | Moist | Full Sun to Shade |
| Redbud | <i>Cercis canadensis</i> | Shrub | Extra Tall (10-25ft) | Spring (Apr-May) | Magenta | Facultative - | Moist | Full Sun to Shade |
| Allegheny Serviceberry | <i>Amelanchier laevis</i> | Shrub | Extra Tall (>12ft) | Spring (Mar-May) | White | Facultative | Moist | Full Sun to Shade |
| Paw-Paw | <i>Asimina triloba</i> | Shrub | Extra Tall (>12ft) | Spring (Apr-May) | Purple | Facultative | Moist | Full Sun to Shade |
| Flame Azalea | <i>Rhododendron calendulaceum</i> | Shrub | Extra Tall (6-12 ft) | Late Spring (May-Jun) | Red, Orange, Yellow | Upland | Dry | Partial Shade |
| Pinkster-Flower | <i>Rhododendron periclymenoides</i> | Shrub | Extra Tall (6-12ft) | Spring (Mar-May) | White, Pink | Facultative | Moist | Partial Shade |
| Sweet Shrub | <i>Calycanthus floridus</i> | Shrub | Extra Tall (6-12ft) | Summer (May-Jul) | Red | Facultative Upland | Dry | Partial Shade |
| American Strawberry Bush | <i>Euonymus americanus</i> | Shrub | Extra -Tall (6-12ft) | Spring (May, June) | Green | Facultative | Moist | Partial Shade |
| Bayberry | <i>Myrica pensylvanica</i> | Shrub | Extra-Tall (6-12ft) | Summer (Jul-Oct) | Yellow | Facultative | Moist | Partial Shade |
| Witch-hazel | <i>Hamamelis virginiana</i> | Shrub | Extra-Tall (12-36ft) | Fall (Oct-Nov) | Yellow | Facultative - | Moist | Partial Shade |
| Burning-Bush | <i>Euonymus atropurpureus</i> | Shrub | Extra-Tall (12-36ft) | Spring (Apr-Jun) | Purple | Facultative Upland | Moist-Dry | Partial Shade |
| Black-Haw | <i>Viburnum prunifolium</i> | Shrub | Extra-Tall (12-36ft) | Spring (Apr-May) | White | Facultative Upland | Moist-Dry | Partial Shade |
| Wild Hydrangea | <i>Hydrangea arborescens</i> | Shrub | Extra Tall (6-12ft) | Summer (Jun-Aug) | White | Facultative | Moist | Partial Shade |

Table 4: Definitions for the 5 wetland indicator categories as defined by the USDA (2008)

| Wetland Indicator Status | Definition |
|---------------------------------|---|
| Obligate Wetland | Occurs almost always (estimated probability 99%) under natural conditions in wetlands. |
| Facultative Wetland | Usually occurs in wetlands (estimated probability 67%-99%), but occasionally found in non-wetlands. |
| Facultative | Equally likely to occur in wetlands or non-wetlands (estimated probability 34%-66%). |
| Facultative Upland | Usually occurs in non-wetlands (estimated probability 67%-99%), but occasionally found on wetlands (estimated probability 1%-33%). |
| Upland | Occurs in wetlands in another region, but occurs almost always (estimated probability 99%) under natural conditions in non-wetlands in the regions specified. |
| Notes: | A positive (+) or negative (-) sign was used with the Facultative Indicator categories to specifically define the regional frequency of occurrence in wetlands. The positive sign indicates a frequency toward the higher end of the category (more frequently found in wetlands), and a negative sign indicates a frequency toward the lower end of the category (less frequently found in wetlands). |
| | The wetland indicator categories should not be equated to degrees of wetness. Many obligate wetland species occur in permanently or semi-permanently flooded wetlands, but a number of obligates also occur in and some are restricted to wetlands which are only temporarily or seasonally flooded. The facultative upland species include a diverse collection of plants, which range from weedy species adapted to exist in a number of environmentally stressful or disturbed sites (including wetlands), to species in which a portion of the gene pool (an ecotype) always occurs in wetlands. Both the weedy and ecotype representatives of the facultative upland category occur in seasonally and semi-permanently flooded wetlands. |

Table 5: Broad definitions for the 5 categories of soil moisture tolerance

| Soil Moisture Tolerance | Definition |
|--------------------------------|---|
| Wet | Soil can be saturated and has the ability to retain standing water for periods of time |
| Wet-Moist | Soil is generally less saturated and generally retains less standing water for shorter periods of time as compared to wet soils |
| Moist | Soil can be damp and does not normally retain standing water |
| Moist-Dry | Soil can be damp for periods of time and can retain little to no water for periods of time |
| Dry | Soil normally retains little to no water |