

## Rideau Valley Native Shoreline Plants Species List

Coniferous Trees			
Common Name	Latin Name	Description	Growing Conditions
Eastern Hemlock	<i>Tsuga canadensis</i>	<ul style="list-style-type: none"> <li>• Medium sized tree, up to 21 metres</li> <li>• Provides shelter for deer, birds</li> </ul>	<ul style="list-style-type: none"> <li>• Cool location, no direct sun</li> <li>• Sandy/ loam soil, moist</li> </ul>
Eastern White Cedar	<i>Thuja occidentalis</i>	<ul style="list-style-type: none"> <li>• Medium sized tree, up to 15 metres</li> <li>• Can be used for windbreaks when planted in rows</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist/intermediate/dry</li> <li>• Tolerant of flooding</li> </ul>
Eastern White Pine	<i>Pinus strobus</i>	<ul style="list-style-type: none"> <li>• Large tree, 18-30 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam soil, moist/intermediate/dry</li> </ul>
Tamarack (AKA Larch)	<i>Larix laricina</i>	<ul style="list-style-type: none"> <li>• Medium Tree, 21 metres</li> <li>• Needles turn yellow and drop in the fall</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Grows in most soil types where wet/moist</li> </ul>
White Spruce	<i>Picea glauca</i>	<ul style="list-style-type: none"> <li>• Large sized tree, 20-30 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist/intermediate</li> </ul>

Deciduous Trees			
Common Name	Latin Name	Description	Growing Conditions
Alternate Leaf Dogwood (AKA Pagoda Dogwood)	<i>Cornus alternifolia</i>	<ul style="list-style-type: none"> <li>• Common in forest understory, small tree or shrub, 4-8 metres</li> <li>• Showy white flowers, black-blue berries, graceful branching pattern</li> </ul>	<ul style="list-style-type: none"> <li>• Full to partial shade</li> <li>• Loam soil, moist</li> </ul>
Black Willow	<i>Salix nigra</i>	<ul style="list-style-type: none"> <li>• Growth can vary as a large tree or small shrub, 3 to 30 metres</li> <li>• Fast growing</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist/ wet</li> </ul>
Bur Oak	<i>Quercus macrocarpa</i>	<ul style="list-style-type: none"> <li>• Large tree, 12-18 metres, slow growing and long-lived</li> <li>• Acorns eaten by wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist/intermediate/ dry</li> </ul>
Northern Hackberry	<i>Celtis occidentalis</i>	<ul style="list-style-type: none"> <li>• Up to 15 metres tall</li> <li>• Distinctive warty ridged bark</li> <li>• Leaves 6-9 cm tall</li> <li>• Fruits with a small, fleshy drupe</li> </ul>	<ul style="list-style-type: none"> <li>• Full to partial sun</li> <li>• Sand/loam/clay/organic soil, moist/intermediate/dry</li> <li>• Drought and flood tolerant</li> </ul>
Peachleaf Willow	<i>Salix amygdaloides</i>	<ul style="list-style-type: none"> <li>• Growth can vary as a medium tree or small shrub, 3-20 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist</li> </ul>
Red Maple	<i>Acer rubrum</i>	<ul style="list-style-type: none"> <li>• Medium to large tree, 15-25 metres</li> <li>• Leaves turn red in fall</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist</li> <li>• Adaptable to many conditions</li> </ul>

## Deciduous Trees Continued

Common Name	Latin Name	Description	Growing Conditions
Serviceberry	<i>Amelanchier spp.</i>	<ul style="list-style-type: none"> <li>Includes many similar species</li> <li>May grow as shrub or small tree, 8-12 m</li> <li>Showy white flowers, attracts wildlife</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay/organic soil, moist/intermediate/dry</li> </ul>
Silver Maple	<i>Acer saccharinum</i>	<ul style="list-style-type: none"> <li>Large tree, 20-30 metres</li> <li>Leaves turn yellow in fall</li> <li>Fast growing</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet/moist/intermediate</li> <li>Tolerant to flooding and drought</li> </ul>
Sugar Maple	<i>Acer saccharum</i>	<ul style="list-style-type: none"> <li>Large tree, 20-35 metres</li> <li>Leaves turn red, yellow and orange in fall</li> <li>Principle source of maple syrup</li> </ul>	<ul style="list-style-type: none"> <li>Sun, partial shade, shade</li> <li>Sand/loam/clay soil, intermediate moisture, requires good drainage</li> <li>Sensitive to salt and air pollution</li> </ul>
White Birch (AKA Paper Birch)	<i>Betula papyrifera</i>	<ul style="list-style-type: none"> <li>Medium to Large tree, up to 24 metres</li> <li>White, peeling bark</li> <li>Fast growing</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam soil, moist/ intermediate/dry</li> </ul>

**AVOID PLANTING EXOTIC INVASIVES:** Manitoba Maple (*Acer negundo*), Norway Maple (*Acer platanoides*), European and Glossy Buckthorn (*Rhamnus cathartica* & *frangula*), Tree of Heaven (*Ailanthus altissima*)

## Shrubs

Common Name	Latin Name	Description	Growing Conditions
Alternate Leaf Dogwood (AKA Pagoda Dogwood)	<i>Cornus alternifolia</i>	<ul style="list-style-type: none"> <li>Common in forest understory, small tree or shrub, 4-8 metres</li> <li>Showy white flowers, black-blue berries, graceful branching pattern</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Loam soil, moist</li> </ul>
American Mountain Ash	<i>Sorbus americana</i>	<ul style="list-style-type: none"> <li>Large shrub</li> <li>Not a true ash</li> <li>Showy white flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, moist</li> </ul>
Bebbs Willow	<i>Salix bebbiana</i>	<ul style="list-style-type: none"> <li>Small to medium shrub, 1-5 metres</li> <li>Fast growing</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand/loam/clay soil, moist/ wet</li> </ul>
Black Willow	<i>Salix nigra</i>	<ul style="list-style-type: none"> <li>Growth can vary as a large tree or small shrub, 3 to 30 metres, fast growing</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, moist/wet</li> </ul>
Black/Common Elderberry	<i>Sambucus nigra sp. canadensis</i>	<ul style="list-style-type: none"> <li>Medium shrub, 1-4 metres</li> <li>Showy white flowers, purple-black berries (edible when cooked)</li> <li>Valued by many varieties of wildlife</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay/organic soil, moist/ wet</li> </ul>

## Shrubs Continued

Common Name	Latin Name	Description	Growing Conditions
Bush Honeysuckle	<i>Diervilla lonicera</i>	<ul style="list-style-type: none"> <li>• Small shrub, 30 to 100 cm</li> <li>• Spreading, groundcover-like shrub</li> <li>• Not a true honeysuckle</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to full shade</li> <li>• Sand/loam soil, intermediate/dry</li> </ul>
Buttonbush	<i>Cephalanthus occidentalis</i>	<ul style="list-style-type: none"> <li>• Medium shrub, up to 4 metres</li> <li>• Showy white flowers</li> <li>• Valued by many varieties of wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay/organic soil, moist/ wet</li> </ul>
Chokeberry	<i>Aronia melanocarpa</i>	<ul style="list-style-type: none"> <li>• Small shrub, 1-2 metres</li> <li>• Dense clusters of small white flowers in spring, showy autumn colours, and clusters of dark purple berries in autumn</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Loam/clay/sand/ organic soil, wet/moist</li> </ul>
Chokecherry	<i>Prunus virginiana</i>	<ul style="list-style-type: none"> <li>• Large shrub, 4-8 metres</li> <li>• Valued by many varieties of wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to full shade</li> <li>• Sand/loam/clay soil, moist/ intermediate</li> </ul>
Common Juniper	<i>Juniperus communis</i>	<ul style="list-style-type: none"> <li>• Small shrub, up to 100 cm</li> <li>• Coniferous</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sandy soil, dry</li> </ul>
Downy Arrowwood	<i>Viburnum rafinesquianum</i>	<ul style="list-style-type: none"> <li>• Small shrub, up to 2 metres</li> <li>• White flowers</li> <li>• High wildlife value</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to full shade</li> <li>• Sand/loam/clay soil, dry</li> </ul>
Fragrant Sumac	<i>Rhus aromatic</i>	<ul style="list-style-type: none"> <li>• Low hedge, small shrub, 0.5-2m</li> <li>• Fragrant leaves, vibrant orange to red in autumn</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand, loam, organic soil, intermediate/dry</li> </ul>
Gray Dogwood	<i>Cornus Racemosa</i>	<ul style="list-style-type: none"> <li>• Medium shrub, 1-4 metres</li> <li>• White flowers, white berries</li> <li>• Valued by many varieties of wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist/intermediate/dry</li> </ul>
Highbush Cranberry	<i>Viburnum trilobum var. americanum</i>	<ul style="list-style-type: none"> <li>• Large shrub, 2-4 metres</li> <li>• Showy white flowers, red berries, high wildlife value</li> <li>• Easily confused with invasive European Highbush Cranberry</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to full shade</li> <li>• Sand/loam/clay/organic soil, moist/ wet</li> </ul>
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	<ul style="list-style-type: none"> <li>• Medium shrub, up to 2 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Partial to full shade</li> <li>• Sand/loam/clay soil, moist/intermediate</li> </ul>
Nannyberry	<i>Viburnum lentago</i>	<ul style="list-style-type: none"> <li>• Large shrub, 4-7 metres</li> <li>• White flowers</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay/organic soil, moist/ wet</li> </ul>
Narrow Leaved Meadowsweet	<i>Spiraea alba</i>	<ul style="list-style-type: none"> <li>• Small shrub, 1 to 1.5 metres</li> <li>• White flowers</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay/organic soil, moist/ wet</li> </ul>

## Shrubs Continued

Common Name	Latin Name	Description	Growing Conditions
Ninebark	<i>Physocarpus opulifolius</i>	<ul style="list-style-type: none"> <li>• Small to medium shrub, 2-3 metres</li> <li>• White flowers</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sandy soil, adaptable moisture conditions</li> </ul>
Peachleaf Willow	<i>Salix amygdaloides</i>	<ul style="list-style-type: none"> <li>• Growth can vary as a medium tree or small shrub, 3-20 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, moist</li> </ul>
Pussy Willow	<i>Salix discolor</i>	<ul style="list-style-type: none"> <li>• Medium to large shrub, 2-8 metres</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay soil, moist/ wet</li> </ul>
Red Osier Dogwood	<i>Cornus sericea/stolonifera</i>	<ul style="list-style-type: none"> <li>• Medium shrub, 2-4 metres</li> <li>• White flowers, white berries, attractive red stems</li> <li>• Valued by many varieties of wildlife</li> <li>• Important shoreline erosion control plant</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay/organic soil, moist/ wet</li> <li>• Grows in sand or gravel deposits that frequently flood</li> </ul>
Sandbar Willow	<i>Salix exigua</i>	<ul style="list-style-type: none"> <li>• Medium to Large shrub, up to 7 metres</li> <li>• Forms thickets</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay soil, moist/ wet</li> </ul>
Shrubby Cinquefoil	<i>Dasiphora fruticose</i>	<ul style="list-style-type: none"> <li>• Small shrub, 30 – 130 cm tall</li> <li>• Buttercup shaped yellow flowers</li> <li>• Thick, dense foliage</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay/ organic soil, dry</li> <li>• Drought tolerant, salt tolerant</li> </ul>
Smooth Rose	<i>Rosa blanda</i>	<ul style="list-style-type: none"> <li>• Small shrub 1-2 metres</li> <li>• Fragrant, showy pink blooms</li> <li>• Lacks characteristic thorns on new growth</li> </ul>	<ul style="list-style-type: none"> <li>• Partial shade to full sun</li> <li>• Sand/loam/clay/ organic soil, dry</li> </ul>
Staghorn Sumac	<i>Rhus typhina L</i>	<ul style="list-style-type: none"> <li>• Large shrub, 1-8 metres</li> <li>• Showy red berries</li> <li>• Grows in thickets, rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/loam/clay soil, intermediate/dry</li> <li>• Common on disturbed soils, drought tolerant, good slope stabilizer</li> </ul>
Swamp Rose	<i>Rosa palustris</i>	<ul style="list-style-type: none"> <li>• Small shrub, up to 1 metre</li> <li>• Large, showy pink flowers</li> <li>• Large fruits in the fall, referred to as 'rose hips'</li> </ul>	<ul style="list-style-type: none"> <li>• Sun, partial shade, shade</li> <li>• Sand/organic soil, wet/moist</li> </ul>
Sweetgale (AKA Bayberry)	<i>Myrica gale</i>	<ul style="list-style-type: none"> <li>• Small shrub, up to 1.5 metres</li> <li>• Fragrant leaves</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun</li> <li>• Sand/organic soil, wet/moist</li> </ul>
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	<ul style="list-style-type: none"> <li>• Vine</li> <li>• Can easily grow onto nearby trees and shrubs</li> </ul>	<ul style="list-style-type: none"> <li>• Full sun to partial shade</li> <li>• Sand/loam/clay soil, intermediate/moist</li> </ul>

**AVOID PLANTING EXOTIC INVASIVES:** European and Glossy Buckthorn (*Rhamnus cathartica & frangula*), European Highbush Cranberry (*Viburnum opulus*), Russian Olive (*Elaeagnus angustifolia*), Autumn Olive (*Elaeagnus umbellate*), Tartarian Honeysuckle (*Lonicera tatarica*), Amur Honeysuckle (*Lonicera maackii*), Morrow Honeysuckle (*Lonicera morrowii*), European Fly Honeysuckle (*Lonicera xylosteum*), Multiflora Rosa (*Rosa multiflora*), Common Japanese Barberry (*Berberis thunbergii*), Japanese Knotweed (*Fallopia japonica/ Polygonum cuspidatum*), Oriental Bittersweet (*Celastrus orbiculatus*)

## Ground Covers

Common Name	Latin Name	Description	Growing Conditions
Bearberry	<i>Arctostaphylos uva-ursi</i>	<ul style="list-style-type: none"> <li>White or pink flowers in spring</li> <li>Red berries</li> <li>Shiny, waxy evergreen leaves</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam soil, dry/ intermediate</li> <li>Drought tolerant</li> </ul>
Bloodroot	<i>Sanguinaria canadensis</i>	<ul style="list-style-type: none"> <li>White flowers with yellow centre in early spring</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand/loam/clay soil, moist/intermediate</li> </ul>
Bunchberry	<i>Cornus canadensis</i>	<ul style="list-style-type: none"> <li>Showy white flowers throughout summer followed by red berries</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Cool moist soil</li> </ul>
Canada Anemone	<i>Anemone canadensis</i>	<ul style="list-style-type: none"> <li>White flowers in June</li> <li>Rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, moist/intermediate</li> </ul>
Canada Wild Ginger	<i>Asarum canadense</i>	<ul style="list-style-type: none"> <li>Single maroon flower in late spring</li> <li>Heart-shaped leaf</li> <li>Deer resistant</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand/loam/clay soil, moist</li> </ul>
Canada Mayflower (AKA False Lily-of-the-Valley)	<i>Maianthemum canadense</i>	<ul style="list-style-type: none"> <li>Small white flowers growing in spikes</li> </ul>	<ul style="list-style-type: none"> <li>Adaptable to many conditions</li> </ul>
Foamflower	<i>Tiarella cordifolia</i>	<ul style="list-style-type: none"> <li>Small white flowers growing in spikes</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Loam soil, moist/ intermediate</li> </ul>
Mayapple	<i>Podophyllum peltatum</i>	<ul style="list-style-type: none"> <li>Grows up to 40 cm</li> <li>Single white flower under leaves in spring</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Clay/loam soil, intermediate/moist</li> </ul>
Wild Geranium	<i>Geranium maculatum</i>	<ul style="list-style-type: none"> <li>Showy pink flowers in late spring</li> <li>Different than garden geraniums</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand/ clay soil, intermediate/dry</li> </ul>
Wild Strawberry	<i>Fragaria virginiana</i>	<ul style="list-style-type: none"> <li>Small white flowers</li> <li>Red, edible berries</li> <li>Spreads by runners</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, dry/intermediate</li> </ul>
Wintergreen	<i>Gaultheria procumbens</i>	<ul style="list-style-type: none"> <li>Fragrant, white flowers</li> </ul>	<ul style="list-style-type: none"> <li>Partial shade</li> <li>Acidic soil, dry/intermediate/moist</li> </ul>

**AVOID PLANTING EXOTIC INVASIVES:** Periwinkle (*Vinca minor*), Goutweed (*Aegopodium podagraria*), English Ivy (*Hedera helix*), Lily-of-the-Valley (*Convallaria majalis*)

Wildflowers			
Common Name	Latin Name	Description	Growing Conditions
Black-eyed Susan	<i>Rudbeckia hirta</i>	<ul style="list-style-type: none"> <li>Yellow-orange rays surrounding a brown-black center, late summer to fall</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, dry/ intermediate</li> </ul>
Blue Vervain	<i>Verbera hastata</i>	<ul style="list-style-type: none"> <li>Spikes of small blue/purple flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Wet to moist soils</li> </ul>
Boneset	<i>Eupatorium perfoliatum</i>	<ul style="list-style-type: none"> <li>Distinctive white flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Wet to moist soils</li> </ul>
Butterfly Milkweed	<i>Asclepias tuberosa</i>	<ul style="list-style-type: none"> <li>Showy bright orange-red flowers in July</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Dry soil</li> </ul>
Canada Anemone	<i>Anemone canadensis</i>	<ul style="list-style-type: none"> <li>White flowers in June</li> <li>Rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, moist/ intermediate</li> </ul>
Cardinal Flower	<i>Lobelia cardinalis</i>	<ul style="list-style-type: none"> <li>Vibrant scarlet red flowers in late summer</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/ loam soil, wet</li> </ul>
Cup Plant	<i>Silphium perfoliatum</i>	<ul style="list-style-type: none"> <li>Tall growing flower, up to 2.5 metres</li> <li>Yellow flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, moist/intermediate</li> </ul>
Great Blue Lobelia	<i>Lobelia siphilitica</i>	<ul style="list-style-type: none"> <li>Tall growing, up to 1.2 metres</li> <li>Spike of blue and white flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet</li> </ul>
Lance-leaved coreopsis	<i>Coreopsis lanceolata</i>	<ul style="list-style-type: none"> <li>Tall growing flower, up to 1 metre</li> <li>Large yellow flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sandy soil, dry</li> </ul>
Obedient Plant	<i>Physostegia virginiana</i>	<ul style="list-style-type: none"> <li>Purple-pink flowers, 30 to 120 cm</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam soil, wet/ intermediate</li> </ul>
Purple Coneflower	<i>Echinacae purpurea</i>	<ul style="list-style-type: none"> <li>Purple rays</li> <li>More common in southern Ontario</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sandy/ loam soil, intermediate moisture</li> </ul>
Spotted Joe-Pye Weed	<i>Eupatorium maculatum</i>	<ul style="list-style-type: none"> <li>Large growing flower, 1-1.8 metres</li> <li>Clusters of purple flowers</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay/organic soil, wet/ moist</li> </ul>
Spotted Touch-me-not (AKA Jewelweed)	<i>Impatiens capensis</i>	<ul style="list-style-type: none"> <li>Yellow-orange flowers</li> <li>Rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Moist conditions</li> </ul>
Swamp Milkweed	<i>Asclepias incarnata</i>	<ul style="list-style-type: none"> <li>Purple-pink flowers in July, 30-150 cm</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, wet/ moist</li> </ul>
New England Aster	<i>Symphyotrichum novae-angliae</i>	<ul style="list-style-type: none"> <li>60-150 cm tall</li> <li>Large rose-purple flowers with numerous rays</li> <li>Flowers late summer into autumn</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sandy/ loam soil, intermediate moisture</li> </ul>
Wild Bergamot (AKA Bee Balm)	<i>Monarda fistulosa</i>	<ul style="list-style-type: none"> <li>Showy purple-pink flowers bloom in late summer, 60-120 cm</li> <li>Deer resistant</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, intermediate/dry</li> <li>Drought tolerant</li> </ul>

**AVOID PLANTING EXOTIC INVASIVES:** Giant hogweed (*Heracleum mantegazzianum*), Japanese knotweed (*Polygonum cuspidatum*), Himalayan balsam (*Impatiens glandulifera*), multiflora rose (*Rosa multiflora*), Orange daylily (*Hemerocallis fulva*)

## Grasses, Sedges & Rushes

Common Name	Latin Name	Description	Growing Conditions
Awl Fruited Sedge	<i>Carex stipata</i>	<ul style="list-style-type: none"> <li>Sedge, 30-100 cm</li> <li>Clusters of spiky looking green fruits at the tip</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet/ moist</li> </ul>
Bebb's Sedge	<i>Carex Bebbii</i>	<ul style="list-style-type: none"> <li>Sedge, 20-90 cm</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, wet/moist</li> </ul>
Big Bluestem	<i>Andropogon gerardii</i>	<ul style="list-style-type: none"> <li>Grass, 1- 2.5 metres</li> <li>Warm season grass</li> <li>High wildlife value</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam soil, moist /dry</li> <li>Drought tolerant, do not plant in consistently wet soil</li> </ul>
Canada Blue-Joint	<i>Calamagrostis canadensis</i>	<ul style="list-style-type: none"> <li>Grass, 0.5 to 1.8 metres</li> <li>Cool season grass</li> <li>Rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet/moist</li> </ul>
Common Rush (AKA Soft Rush)	<i>Juncus effusus</i>	<ul style="list-style-type: none"> <li>Rush, 0.5-1.2 metres</li> <li>Rapid spreader, can be invasive</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Wet/moist soil</li> </ul>
Dark Green Bulrush	<i>Scirpus atrovirens</i>	<ul style="list-style-type: none"> <li>Bulrush, 0.5- 1.5 metres</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Clay/sand soil, wet/moist</li> </ul>
Fowl Meadow-Grass	<i>Poa palustris</i> (AKA <i>Glyceria striata</i> )	<ul style="list-style-type: none"> <li>Grass, 1-1.8 metres</li> <li>Cool season grass</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet/moist</li> </ul>
Fox Sedge	<i>Carex vulpinoidea</i>	<ul style="list-style-type: none"> <li>Sedge, 30-60 cm</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, wet/moist</li> </ul>
Indian Grass	<i>Sorghastrum nutans</i>	<ul style="list-style-type: none"> <li>Grass, 1-2.5 metres</li> <li>Warm season grass</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam soil, intermediate/dry</li> <li>Drought and compaction tolerant, do not plant in consistently wet soil</li> </ul>
Prairie Cordgrass	<i>Spartina pectinata</i>	<ul style="list-style-type: none"> <li>Grass, 1-2 metres</li> <li>Good for erosion control</li> <li>Warm season grass</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Sand/loam/clay soil, wet/ moist</li> <li>Salt tolerant</li> </ul>
Riverbank Wild Rye	<i>Elymus riparius</i>	<ul style="list-style-type: none"> <li>Grass, up to 1.5 metres</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to full shade</li> <li>Sand/loam soil, moist/intermediate</li> </ul>
Virginia Wild Rye	<i>Elymus virginicus</i>	<ul style="list-style-type: none"> <li>Grass, 0.6-1 metres</li> <li>Cool season grass</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Sand/loam/clay soil, wet/moist/intermediate</li> </ul>
<b>AVOID PLANTING EXOTIC INVASIVES:</b> Common Reed ( <i>Phragmites australis</i> ), Flowering Rush ( <i>Butomus umbellatus</i> ), Miscanthus ( <i>Miscanthus sinensis</i> and <i>M. sacchariflorus</i> ), Reed or Giant Manna Grass ( <i>Glyceria maxima</i> )			

## Aquatics

Common Name	Latin Name	Description	Growing Conditions
Blue-flag Iris, Northern	<i>Iris versicolor</i>	<ul style="list-style-type: none"> <li>Emergent aquatic, 20-90 cm</li> <li>Showy purple flower May to July</li> </ul>	<ul style="list-style-type: none"> <li>Full sun to partial shade</li> <li>Shallow standing water or moist shorelines</li> </ul>
Broad-Leaved Arrowhead	<i>Sagittaria latifolia</i>	<ul style="list-style-type: none"> <li>Emergent aquatic plant</li> <li>Showy white flowers, arrowhead shaped leaves</li> <li>Strong roots</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Wet areas, prefers 6-12 inches of water</li> </ul>
Canada Waterweed	<i>Elodea canadensis</i>	<ul style="list-style-type: none"> <li>Submergent</li> <li>Rapid spreader</li> </ul>	<ul style="list-style-type: none"> <li>Standing or flowing water</li> </ul>
Common Cattail	<i>Typha latifolia</i>	<ul style="list-style-type: none"> <li>Emergent aquatic plant, 1-3 metres</li> <li>Rapid spreader, can be invasive forming monocultures</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Grows in or near water</li> </ul>
Common Duckweed (AKA Lesser Duckweed)	<i>Lemna minor</i>	<ul style="list-style-type: none"> <li>Floating aquatic plant</li> <li>Small floating leaves</li> <li>Rapid spreader, may form mats</li> </ul>	<ul style="list-style-type: none"> <li>Standing or slow moving water</li> </ul>
Coontail (AKA Common Hornwort)	<i>Ceratophyllum demersum</i>	<ul style="list-style-type: none"> <li>Submergent</li> <li>Free floating (no roots)</li> </ul>	<ul style="list-style-type: none"> <li>Standing or slow moving water</li> </ul>
Pickerelweed	<i>Pontederia cordata</i>	<ul style="list-style-type: none"> <li>Emergent aquatic</li> <li>Showy purple or white flower</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Standing or slow moving water</li> </ul>
White Water Lily, Fragrant	<i>Nymphaea odorata</i>	<ul style="list-style-type: none"> <li>Floating aquatic plant</li> <li>Showy white flowers with lily pads</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Shallow, standing or low flowing water</li> </ul>
Wild Celery (AKA Tapegrass)	<i>Vallisneria americana</i>	<ul style="list-style-type: none"> <li>Submergent</li> <li>Long ribbon-like leaves</li> <li>Provides important cover for fish and other aquatic wildlife</li> </ul>	<ul style="list-style-type: none"> <li>Standing to fast flowing water</li> </ul>
Yellow Pond Lily (AKA Bullhead Lily)	<i>Nuphar variegata</i>	<ul style="list-style-type: none"> <li>Floating aquatic plant</li> <li>Showy yellow flowers with lily pads</li> </ul>	<ul style="list-style-type: none"> <li>Full sun</li> <li>Shallow, standing or low flowing water</li> </ul>

**AVOID PLANTING EXOTIC INVASIVES:** Common Reed Grass (*Phragmites australis*), Curly Pondweed (*Potamogeton crispus*), Eurasian Watermilfoil (*Myriophyllum spicatum*), Flowering Rush (*Butomus umbellatus*), Narrow-leafed Cattail (*Typha angustifolia*), Purple Loosestrife (*Lythrum salicaria*), Yellow Flag Iris (*Iris pseudacorus*), Yellow Floating Heart (*Nymphoides peltata*)



Ferns			
Common Name	Latin Name	Description	Growing Conditions
Lady Fern	<i>Athyrium filix-femina</i>	<ul style="list-style-type: none"> <li>Up to 1 metre</li> </ul>	<ul style="list-style-type: none"> <li>Full shade</li> <li>Moist soil</li> </ul>
Ostrich Fern	<i>Matteuccia struthiopteris</i>	<ul style="list-style-type: none"> <li>Up to 2 m</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand, loam organic, wet, moist or intermediate</li> </ul>
Royal Fern	<i>Osmunda regalis</i>	<ul style="list-style-type: none"> <li>1 to 2 metres</li> </ul>	<ul style="list-style-type: none"> <li>Partial shade</li> <li>Swamps and wet areas</li> </ul>
Sensitive Fern	<i>Onclea sensibilis</i>	<ul style="list-style-type: none"> <li>Up to 60 cm</li> </ul>	<ul style="list-style-type: none"> <li>Full to partial shade</li> <li>Sand, loam soil, wet to moist</li> </ul>

## Growing Conditions

### Light Levels



Increasing Sun Exposure

- Full Sun
- Partial Sun/Partial Shade
- Full Shade

### Soil Type



Increasing Particle Size

- Sand
- Silt/Loam
- Clay

### Moisture Levels



Increasing Moisture

- Wet
- Moist
- Intermediate
- Dry