

# Native Vegetation List by Soil Type

<u>Wet Meadow</u>				<u>Sunlight</u>		
Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Grasses &amp; Sedges</b>						
Blue-joint grass	<i>Calamagrostis canadensis</i>	3-4'	NA	X		
Bottlebrush sedge	<i>Carex retrorsa</i>	2-3'	NA	X	X	
Bebb's sedge	<i>Carex bebbii</i>	2'	NA	X		
Fringed sedge	<i>Carex crinita</i>	2-4'	NA	X	X	X
Green bulrush	<i>Scirpus atrovirens</i>	3-4'	NA	X		
Lake sedge	<i>Carex lacustris</i>	2-4'	NA	X		
Rattlesnake grass	<i>Glyceria canadensis</i>	2-3'	NA	X	X	
Switchgrass	<i>Panicum virgatum</i>	3-5'	NA	X	X	
Soft rush	<i>Juncus effuses</i>	2-4'	NA	X	X	
Tussock sedge	<i>Carex stricta</i>	2-3'	NA	X		
Wool grass	<i>Scirpus cyperinus</i>	3-4'	NA	X		
<b>Wildflowers</b>						
Arrow-leaved aster	<i>Aster sagittifolius</i>	2-4'	Lt. Purple	X	X	
Blue flag iris	<i>Iris versicolor</i>	2-3'	Blue	X	X	
Blue vervain	<i>Verbena hastata</i>	3-4'	Purple	X		
Boneset	<i>Eupatorium perfoliatum</i>	2-3.5'	White	X	X	
Bottle gentian	<i>Gentiana andrewsii</i>	1-2.5'	Blue	X	X	
Common milkweed	<i>Asclepias syriaca</i>	2-5'	Pink	X	X	X
Culver's root	<i>Veronicastrum virginicum</i>	3-5'	White	X	X	
Flat-top aster	<i>Aster umbellatus</i>	1-5'	Cream	X	X	
Grass-leaved goldenrod	<i>Euthamia graminifolia</i>	2-3'	Yellow	X	X	
Great St. John's wort	<i>Hypericum pyramidatum</i>	5-6'	Yellow	X	X	
Green coneflower	<i>Rudbeckia laciniata</i>	3-12'	Yellow	X	X	
Joe pye weed	<i>Eupatorium maculatum</i>	2-4'	Purple	X	X	
Monkey flower	<i>Mimulus ringens</i>	6-40"	Blue	X	X	
Northern bugleweed	<i>Lycopus uniflorus</i>	2-32"	White	X	X	
Obedient plant	<i>Physostegia virginiana</i>	2-3'	Pink	X	X	
Ox eye sunflower	<i>Heliopsis helianthoides</i>	3-4'	Yellow	X		
Pale spike lobelia	<i>Lobelia spicata</i>	1-3.5'	Lt. Blue	X	X	
Panicked aster	<i>Aster lanceolatus</i>	1-4'	White	X	X	
Purple-stemmed/Swamp aster	<i>Aster puniceus</i>	2-6'	Purple	X	X	
Sensitive fern	<i>Onoclea sensibilis</i>	2'	NA			X
Swamp milkweed	<i>Asclepias incarnata</i>	3-4'	Dark Pink	X	X	
Tall meadow rue	<i>Thalictrum dasycarpum</i>	2-5'	White	X	X	
White turtlehead	<i>Chelone glabra</i>	2-3'	White	X	X	
Wild bergamot	<i>Monarda fistulosa</i>	1-3'	Violet	X	X	
<b>Short Shrubs</b>						
Sweet gale/Bayberry	<i>Myrica gale</i>	3'	Brown	X		
Swamp rose	<i>Rosa Palustris</i>	1-4'	Pink	X	X	
<b>Tall Shrubs</b>						
Meadowsweet	<i>Spiraea alba</i>	3-4'	White	X		
Winterberry	<i>Ilex verticillata</i>	6'	NA	X		
Steeplebush	<i>Spiraea tomentosa</i>	2.5-3'	Pink	X		

\* = Wettest Sites

## Exposed Sandy Shore

### Sunlight

Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Grasses &amp; Sedges</b>						
Blue-joint grass	<i>Calamagrostis canadensis</i>	3-4'	Straw	X		
Fringed sedge	<i>Carex crinita</i>	2-4'	NA	X	X	X
Narrow panicle rush	<i>Juncus brevicaudatus</i>	1-2'	NA	X	X	
Soft-rush	<i>Juncus effuses</i>	2-4'	NA	X	X	
Soft-stem bulrush	<i>Scirpus validus</i>	4-5'	Brown	X		
Wool grass	<i>Scirpus cyperinus</i>	6'	Brown	X	X	
<b>Wildflowers</b>						
Blue flag iris	<i>Iris versicolor</i>	2-3'	Blue	X	X	
Blue vervain	<i>Verbena hastata</i>	3-4'	Purple	X		
Boneset	<i>Eupatorium perfoliatum</i>	2-3.5'	White	X	X	
Grass-leaved goldenrod	<i>Euthamia graminifolia</i>	2-3.5'	Yellow	X	X	
Jewelweed	<i>Impatiens capensis</i>	2-6'	Orange	X	X	
Joe pye weed	<i>Eupatorium maculatum</i>	2-4'	Purple	X	X	
Marsh St. John's wort	<i>Triadenum fraseri</i>	2-5'	Yellow	X	X	
<b>Short Shrubs</b>						
Meadowsweet	<i>Spiraea alba</i>	3-4'	White	X	X	
Steeplebush	<i>Spiraea tomentosa</i>	2-3.5'	Pink	X	X	
Sweet gale/Bayberry	<i>Myrica gale</i>	3'	Brown	X	X	
<b>Tall Shrubs</b>						
Speckled alder	<i>Alnus rugosa</i>	15'	NA	X	X	
Winterberry	<i>Ilex verticillata</i>	6'	NA	X	X	

# Wet to Mesic Woodland

## Sunlight

Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Grasses, Sedges, Ferns</b>						
Blue-joint grass	<i>Calamagrostis canadensis</i>	3-6'	NA	X		
Bottlebrush grass	<i>Elymus hystrix</i>	3-4'	NA	X	X	X
Cinnamon fern	<i>Osmunda cinnamomea</i>	2-3'	NA	X	X	
Interrupted fern*	<i>Osmunda claytoniana</i>	2.5-4'	NA	X	X	
Lady fern*	<i>Athyrium filix-femina</i>	3'	NA	X	X	
Little Bluestem	<i>Schizachyrium scoparium</i>	1-3'	NA	X		
Maidenhair fern	<i>Adiantum pedatum</i>	2'	NA			X
Ostrich fern	<i>Matteuccia struthiopteris</i>	3'	NA			X
Pennsylvania sedge	<i>Carex pensylvanica</i>	0.5-1.5'	NA	X	X	X
Sensitive fern	<i>Onoclea sensibilis</i>	1-2'	NA			X
Switchgrass	<i>Panicum virgatum</i>	3-5'	NA	X	X	
Wool grass	<i>Scirpus cyperinus</i>	3-5'	NA	X		
<b>Wildflowers</b>						
Arrow-leaved aster	<i>Aster sagittifolius</i>	2-4'	Lt. Purple	X	X	
Blue vervain	<i>Verbena hastata</i>	3-4'	Purple	X		
Bunchberry	<i>Cornus canadensis</i>	0.3-0.5'	White	X	X	
Butterfly weed	<i>Asclepias tuberosa</i>	1-2'	Orange	X	X	
Calico aster	<i>Aster lateriflorus</i>	2-3'	White	X	X	
Canada anemone	<i>Anemone canadensis</i>	1-2'	White	X	X	
Canada mayflower	<i>Maianthemum canadensis</i>	0.5'	White	X	X	
Downy yellow violet	<i>Viola pubescens</i>	0.5-0.8'	Yellow	X	X	
Flat-topped aster	<i>Aster umbellatus</i>	2.5-3.5'	White	X	X	
Harebell	<i>Campanula rotundifolia</i>	1-1.5'	Blue	X	X	
Jack-in-the-pulpit*	<i>Arisaema triphyllum</i>	0.5-1'	Brown-green	X	X	
Large-leaved aster	<i>Aster macrophyllus</i>	0.5-1.5'	Blue	X	X	X
Large-flowered trillium	<i>Trillium grandiflorum</i>	1'	White	X	X	
Obedient plant	<i>Physostegia virginiana</i>	2-3'	Pink	X	X	
Ox eye sunflower	<i>Heliopsis helianthoides</i>	3-4'	Yellow	X		
Pearly everlasting	<i>Anaphalis margaritacea</i>	1.5-2'	White	X	X	
Purple-stemmed/Swamp aster	<i>Aster puniceus</i>	3-5'	Purple	X	X	
Red baneberry	<i>Actaea rubra</i>	1-3'	White	X	X	
Solomon's seal	<i>Polygonatum biflorum</i>	1-4'	Green	X	X	
Wild bergamot	<i>Monarda fistulosa</i>	2-3.5'	Violet	X	X	
Wild columbine	<i>Aquilegia canadensis</i>	2-3'	Red-yellow	X	X	X
Wild strawberry	<i>Fragaria virginiana</i>	4-6"	White	X	X	
Zig zag goldenrod	<i>Solidago flexicaulis</i>	2'	Yellow	X	X	
<b>Short Shrubs</b>						
American fly honeysuckle	<i>Lonicera canadensis</i>	2-3.5'	White	X	X	
Black chokeberry	<i>Aronia melanocarpa</i>	3-6'	White	X		
Bush honeysuckle	<i>Diervilla lonicera</i>	1-4'	Yellow	X	X	X
Smooth junberry/Serviceberry	<i>Amelanchier laevis</i>	8-10'	White	X	X	
Velvetleaf blueberry	<i>Vaccinium myrtilloides</i>	2'	White	X	X	

\* = Wettest Sites

# Wet to Mesic Woodland (continued)

## Sunlight

Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Tall Shrubs</b>						
American hazelnut	<i>Corylus americana</i>	8-15'	NA	X	X	
Chokecherry	<i>Prunus virginiana</i>	30'	White	X	X	X
Elderberry	<i>Sambucus canadensis</i>	6-12'	White	X	X	X
Highbush cranberry	<i>Viburnum trilobium</i>	10-12'	White	X	X	
Nannyberry	<i>Viburnum lentago</i>	10-15'	White	X	X	X
Ninebark	<i>Physocarpus opulifolius</i>	8-10'	White	X	X	
Pagoda dogwood	<i>Cornus alternifolia</i>	16'	White	X	X	X
Pussy willow	<i>Salix discolor</i>	15-20'	NA	X	X	
Red osier dogwood	<i>Cornus stolonifera</i>	6-18'	NA	X	X	
Round-leaved dogwood	<i>Cornus rugosa</i>	6-12'	White	X	X	
Winterberry	<i>Ilex verticillata</i>	6'	NA	X	X	
<b>Trees</b>						
American mountain-ash	<i>Sorbus americana</i>	30'	NA	X	X	
American plum	<i>Prunus americana</i>	10-20'	NA	X	X	
Balsam fir	<i>Abies balsamea</i>	75'	NA	X	X	X
Basswood	<i>Tilia americana</i>	100'	NA	X	X	
Green ash	<i>Fraxinus pennsylvanica</i>	50-75'	NA	X	X	
Hemlock	<i>Tsuga canadensis</i>	60-75'	NA	X	X	X
Northern red oak	<i>Quercus rubra</i>	150'	NA	X	X	
Northern white cedar	<i>Thuja occidentalis</i>	50'	NA	X	X	
Paper birch	<i>Betula papyrifera</i>	80'	NA	X	X	
Red maple	<i>Acer rubrum</i>	50'	NA	X	X	
Sugar maple	<i>Acer saccharum</i>	75-100'	NA	X	X	
Tamarack	<i>Larix laricina</i>	65'	NA	X		
White pine	<i>Pinus strobus</i>	100'	NA	X	X	
White spruce	<i>Picea glauca</i>	75'	NA	X	X	
Yellow birch	<i>Betula alleghaniensis</i>	60-90'	NA	X	X	

# Dry to Dry Mesic Woodland

## Sunlight

Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Grasses &amp; Sedges</b>						
Canada wild rye	<i>Elymus canadensis</i>	2-3'	NA	X	X	
Little bluestem	<i>Schizachyrium scoparium</i>	1-3'	NA	X	X	
Pennsylvania sedge	<i>Carex pensylvanica</i>	0.5-1.5'	NA	X	X	X
Poverty oat grass	<i>Danthonia spicata</i>	1-2'	NA	X	X	
<b>Wildflowers</b>						
Black-eyed susan	<i>Rudbeckia hirta</i>	2-3'	Yellow	X	X	
Bunchberry	<i>Cornus canadensis</i>	3-5"	White	X	X	
Butterfly weed	<i>Asclepias tuberosa</i>	1.5'	Orange	X	X	
Calico aster	<i>Aster lateriflorus</i>	2-3'	White	X	X	
Canada mayflower	<i>Maianthemum canadense</i>	0.5'	White	X	X	
False solomon's seal	<i>smilacina racemosa</i>	8"	White	X	X	
Fireweed	<i>Epilobium angustifolium</i>	3-4"	Purple	X	X	
Harebell	<i>Campanula rotundifolia</i>	1.5-2'	Violet	X	X	
Lance leaf coreopsis	<i>Coreopsis lanceolata</i>	2-3'	Yellow	X	X	
Large-leaved aster	<i>Aster macrophyllus</i>	8-18"	Blue	X	X	X
Pearly everlasting	<i>Anaphalis margaritacea</i>	1-1.5'	White	X	X	
Rough blazing star	<i>Liatris aspera</i>	1.5-3'	Purple	X	X	
Showy goldenrod	<i>Solidago speciosa</i>	1-3'	Yellow	X		
Smooth aster	<i>Aster laevis</i>	2-3'	Blue	X	X	
Twinflower	<i>Linnaea borealis</i>	4"	Pink	X	X	
Wild bergamot	<i>Monarda fistulosa</i>	2-3.5'	Violet	X	X	
Wild columbine	<i>Aquilegia canadensis</i>	2.5-3'	Red-yellow	X	X	X
Wood anemone	<i>Anemone quinquefolia</i>	0.5-1'	White	X	X	
Woodland strawberry	<i>Fragaria vesca</i>	6-10"	White	X	X	X
<b>Short Shrubs</b>						
Black chokeberry	<i>Aronia melanocarpa</i>	3-6'	White	X		
Bush honeysuckle	<i>Diervilla lonicera</i>	3-4'	Yellow	X	X	X
Dwarf serviceberry	<i>Amelanchier spicata</i>	2-5'	White	X	X	
Low bush blueberry	<i>Vaccinium angustifolium</i>	1-3'	White	X	X	
Ninebark	<i>Physocarpus opulifolius</i>	6'	White	X	X	
Snowberry	<i>Symphoricarpos</i>	2-3'	NA	X	X	
Swamp fly honeysuckle	<i>Lonicera canadensis</i>	3-6'	Yellow	X	X	
Sweetfern	<i>Comptonia peregrina</i>	2-3'	NA	X	X	
<b>Tall Shrubs</b>						
American hazelnut	<i>Corylus americana</i>	8-15'	NA	X	X	
Juneberry/serviceberry	<i>Amelanchier laevis</i>	8-10'	White	X	X	
Pagoda dogwood	<i>Cornus alternifolia</i>	16'	White	X	X	X
<b>Trees</b>						
Northern red oak	<i>Quercus borealis</i>	80'	NA	X	X	
Paper birch	<i>Betula papyrifera</i>	80'	NA	X	X	
Red maple	<i>Acer rubrum</i>	50'	NA	X	X	
Red pine	<i>Pinus resinosa</i>	100'	NA	X	X	
Sugar maple	<i>Acer saccharum</i>	50-75'	NA	X	X	
White oak	<i>Quercus alba</i>	75'	NA	X	X	
White pine	<i>Pinus strobus</i>	100'+	NA	X	X	

\* = Wettest Sites

# Aquatic Vegetation

## Sunlight

Common Name	Scientific Name	Height	Flower Color	Full Sun	Part Sun	Shade
<b>Emergent (1-18" deep water)</b>						
American bur-reed	<i>Sparganium americanum</i>	3'	NA	X	X	
American water-plantain	<i>Alisma subcordatum</i>	0.5-3.5'	White	X	X	
Arum-leaved arrowhead	<i>Sagittaria cuneata</i>	1'		X	X	
Beaked sedge	<i>Carex rostrata</i>	2-4'	NA	X	X	
Blue flag iris	<i>Iris versicolor</i>	1.5-3.5'	Violet	X	X	
Common arrowhead	<i>Sagittaria latifolia</i>	2-4'	White	X	X	
Hardstem bulrush	<i>Scirpus acutus</i>	4-6'	NA	X		
Monkey flower	<i>Mimulus ringens</i>	1-3'	Blue	X	X	
Pickernelweed	<i>Pontederia cordata</i>	4'	Purple	X	X	
Rattlesnake grass	<i>Glyceria canadensis</i>	2-3'	NA	X		
Softstem bulrush	<i>Scirpus validus</i>	10'	NA	X		
Spike-rush	<i>Eleocharis elliptica</i>	0.5-1'	NA	X	X	
Sweet flag	<i>Acornus americanus</i>	2-3.5'	Yellow-green	X		
Tussock sedge	<i>Carex stricta</i>	2-4'	NA	X		
Yellow water buttercup	<i>Ranunculus flabellaris</i>	2'	Yellow	X		
<b>Submerged</b>						
Common waterweed	<i>Elodea canadensis</i>	1-3'	White	X		
Large-leaf pondweed	<i>Potamogeton amplifolius</i>	3-6'	NA	X		
Wild celery	<i>Vallisneria americana</i>	1-3'	NA	X		
<b>Floating</b>						
Spatterdock	<i>Nuphar variegata</i>	Floating	Yellow	X	X	
Watershield	<i>Brasenia schreberi</i>	Floating	Purple	X	X	
Water smartweed	<i>Polygonum amphibium</i>	Floating	Pink	X	X	
White water-lily	<i>Nymphaea odorata</i>	Floating	White	X	X	

\*NOTE: Aquatic planting require a permit from the Wisconsin Dept. of Natural Resources, call 715-392-7988.