

WET MEADOW

Wet Meadow- Well-drained, moist to wet, loam or clay substrate.

☀ Full sun ☁ Part sun ☁ Shade

Common Name	Scientific Name	Height (ft)	Flower Color	Sunlight
Grasses & Sedges				
Blue-joint grass	<i>Calamagrostis canadensis</i>	3-4'	NA	☀
Bottlebrush sedge	<i>Carex retrorsa</i>	2-3'	NA	☀ ☁
Bebb's sedge	<i>Carex bebbii</i>	2'	NA	☀
Fringed sedge	<i>Carex crinita</i>	2-4'	NA	☀ ☁ ☁
Green bulrush	<i>Scirpus atrovirens</i>	3-4'	NA	☀
Lake sedge	<i>Carex lacustris</i>	2-4'	NA	☀
Rattlesnake grass	<i>Glyceria canadensis</i>	2-3'	NA	☀ ☁
Switchgrass	<i>Panicum virgatum</i>	3-5'	NA	☀ ☁
Soft rush	<i>Juncus effuses</i>	2-4'	NA	☀ ☁
Tussock sedge	<i>Carex stricta</i>	2-3'	NA	☀
Wool grass	<i>Scirpus cyperinus</i>	3-4'	NA	☀
Wildflowers				
Arrow-leaved aster	<i>Aster sagittifolius</i>	2-4'	Lt. Purple	☀ ☁
Blue flag iris	<i>Iris versicolor</i>	2-3'	Blue	☀ ☁
Blue vervain	<i>Verbena hastata</i>	3-4'	Purple	☀
Boneset	<i>Eupatorium perfoliatum</i>	2-3.5'	White	☀ ☁
Bottle gentian	<i>Gentiana andrewsii</i>	1-2.5'	Blue	☀ ☁
Common milkweed	<i>Asclepias syriaca</i>	2-5'	Pink	☀ ☁ ☁
Culver's root	<i>Veronicastrum virginicum</i>	3-5'	White	☀ ☁
Flat-top aster	<i>Aster umbellatus</i>	1-5'	Cream	☀ ☁
Grass-leaved goldenrod	<i>Euthamia graminifolia</i>	2-3'	Yellow	☀ ☁
Great St. John's wort	<i>Hypericum pyramidatum</i>	5-6'	Yellow	☀ ☁
Green coneflower	<i>Rudbeckia laciniata</i>	3-12'	Yellow	☀ ☁
Joe pye weed	<i>Eupatorium maculatum</i>	2-4'	Purple	☀ ☁
Monkey flower	<i>Mimulus ringens</i>	6-40"	Blue	☀ ☁
Northern bugleweed	<i>Lycopus uniflorus</i>	2-32"	White	☀ ☁
Obedient plant	<i>Physostegia virginiana</i>	2-3'	Pink	☀ ☁
Ox eye sunflower	<i>Heliopsis helianthoides</i>	3-4'	Yellow	☀
Pale spike lobelia	<i>Lobelia spicata</i>	1-3.5'	Lt. blue	☀ ☁
Panicled aster	<i>Aster lanceolatus</i>	1-4'	White	☀ ☁
Purple-stemmed/ Swamp aster	<i>Aster puniceus</i>	2-6'	Purple	☀ ☁
Sensitive fern	<i>Onoclea sensibilis</i>	2'	NA	☁
Swamp milkweed	<i>Asclepias incarnata</i>	3-4'	Dark pink	☀ ☁
Tall meadow rue	<i>Thalictrum dasycarpum</i>	2-5'	White	☀ ☁
White turtlehead	<i>Chelone glabra</i>	2-3'	White	☀ ☁
Wild bergamot	<i>Monarda fistulosa</i>	1-3'	Violet	☀ ☁
Short Shrub				
Sweet gale/ Bayberry	<i>Myrica gale</i>	3'	Brown	☀
Swamp rose	<i>Rosa palustris</i>	1-4'	Pink	☀ ☁
Tall Shrub				
Meadowsweet	<i>Spiraea alba</i>	3-4'	White	☀
Winterberry	<i>Ilex verticillata</i>	6'	None	☀
Steeplebush	<i>Spiraea tomentosa</i>	2.5-3'	Pink	☀

EXPOSED SANDY SHORE

Exposed Sandy Shore- *Sparsely vegetated, dropped water level.*

☀ Full sun ☁ Part sun ☁ Shade









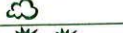































Common Name	Scientific Name	Height (ft)	Flower Color	Sunlight
Grasses & Sedges				
Blue-joint grass	<i>Calamagrostis canadensis</i>	3-4'	Straw	☀
Fringed sedge	<i>Carex crinita</i>	2-4'	NA	☀ ☁ ☁
Narrow panicle rush	<i>Juncus brevicaudatus</i>	1-2'	NA	☀ ☁
Soft-rush	<i>Juncus effuses</i>	2-4'	NA	☀ ☁
Soft-stem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



WET TO MESIC WOODLAND

Wet to Mesic Woodland- *Moist or wet, loam-silt substrate.*

 Full sun  Part sun  Shade



























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

* Wettest sites

WET TO MESIC WOODLAND

Wet to Mesic Woodland- *Moist or wet, silt-loam substrate.*

 Full sun  Part sun  Shade

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

* **Wettest sites**



DRY TO DRY MESIC WOODLAND

Dry to Dry Mesic Woodland- Well-drained, dry, sand-sandy loam substrate. ☀ Full sun ☁ Part sun ☁ Shade

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