

## WETLAND BUFFER SUGGESTED PLANT LIST

**Table 1 . Upland plant species.**

Habitat <sup>†</sup>	Plant type	Common Name	Scientific Name	Height (feet)	Spacing (feet)	Notes
um/ud	forb	Blue giant hyssop	<i>Agastache foeniculum</i>	3 - 4	2	Scatter
um/ud	grass	Big bluestem	<i>Andropogon gerardii</i>	2 - 6	3	Scatter; overseed
um/ud	shrub	Downy Serviceberry	<i>Amelanchier arborea</i>	20 - 30	10 <sup>‡</sup>	Random
ud	forb	Butterfly weed	<i>Asclepias tuberosa</i>	1.5 - 2	2.5	Scatter
um/ud	forb	Large leaved aster	<i>Aster macrophyllus</i>	1 - 2	2 - 3	Scatter
ud	grass	Blue grama	<i>Bouteloua gracilis</i>	0.5 - 1	1	Clumps of 3 +; overseed
ud	forb	Stiff stickweed/ Coreopsis	<i>Coreopsis palmata</i>	1.5	2.5	Scatter
ud	forb	Purple coneflower	<i>Echinacea purpurea</i>	2	2	Scatter
um/ud	grass	Bottlebrush grass	<i>Elymus hystrix</i>	2 - 4	1	Scatter; overseed
ud	forb	Prairie smoke	<i>Geum triflorum</i>	1 - 1.5	1 <sup>‡</sup>	Clumps of 3
um/ud	grass	June grass	<i>Koeleria macrantha</i>	1 - 2	1	Scatter; overseed
um/ud	forb	Rough blazing star	<i>Liatris aspera</i>	1.5 - 4	1.5	Scatter
um/ud	forb	Wild bergamot	<i>Monarda fistulosa</i>	2 - 3.5	3	Clumps of 5
w/um/ud	grass	Switchgrass	<i>Panicum virgatum</i>	3 - 5	2 - 3	Scatter
ud	forb	Purple prairie clover	<i>Petalostemum purpureum</i>	2	1 <sup>‡</sup>	Clumps of 5
um/ud	tree	Quaking aspen	<i>Populus tremuloides</i>	60 - 80	20 <sup>‡</sup>	Random
um/ud	forb	Gray-headed coneflower	<i>Ratibida pinnata</i>	3 - 5	2	Scatter
um/ud	forb	Black-eyed Susan	<i>Rudbeckia hirta</i>	1 - 3	1.5	Scatter
um/ud	grass	Little bluestem	<i>Schizachyrium scoparium</i>	1 - 3	1.5 - 2	Clumps of 3
um/ud	forb	Stiff goldenrod	<i>Solidago rigida</i>	1 - 5	1.5	Scatter

um/ud	grass	Prairie dropseed	<i>Sporobolus heterolepis</i>	2 - 4	1.5 - 2	Scatter; overseed
um	shrub	Nannyberry	<i>Viburnum lentago</i>	15 - 35	10 <sup>+</sup>	Random

**Table 2. Mesic plant species.**

<b>Habitat<sup>†</sup></b>	<b>Plant type</b>	<b>Common Name</b>	<b>Scientific Name</b>	<b>Height (feet)</b>	<b>Spacing (feet)</b>	<b>Notes</b>
w/um	forb	Marsh milkweed	<i>Asclepias incarnata</i>	3 - 4	2 - 3	Scatter
w/um	forb	New England aster	<i>Aster novae-angliae</i>	3 - 5	2 - 3	Scatter
w/um	grass	Fringed brome	<i>Bromus ciliatus</i>	3	1	Scatter
w/um	forb	Turtlehead	<i>Chelone glabra</i>	3 - 4	2 - 3 <sup>+</sup>	Scatter
w/um	forb	Fireweed	<i>Epilobium angustifolium</i>	2 - 6	3	Scatter
w/um	forb	Joe-pye weed	<i>Eupatorium maculatum</i>	3 - 6	3	Scatter; plant by water
w/um	forb	Grass leaved goldenrod	<i>Euthamia graminifolia</i>	1 - 3	2	Scatter
w/um	forb	Ox eye sunflower	<i>Helianthus helianthoides</i>	1 - 3	2 <sup>+</sup>	Scatter
w/um	rush	Path rush	<i>Juncus tenuis</i>	.5 - 2	1 - 2	Scatter
w/um	forb	Meadow blazing star	<i>Liatris ligulistylis</i>	1 - 3	1.5	Clumps of 3
w/um	forb	Cardinal flower	<i>Lobelia cardinalis</i>	2 - 4	1.5	Scatter; plant in upland and transition
w/um	forb	Great blue lobelia	<i>Lobelia siphilitica</i>	1 - 3	1.5	Clumps of 3
s/w/um	grass	Woolgrass	<i>Scirpus cyperinus</i>	3 - 5	2 - 3	Clumps of 3; plant by water
w/um	grass	Indian grass	<i>Sorghastrum nutans</i>	2 - 5	2 - 3	Clumps of 3; overseed

**Table 3. Wetland plant species.**

Habitat <sup>†</sup>	Plant type	Common Name	Scientific Name	Height (feet)	Spacing (feet)	Notes
s/w	forb	Sweet flag	<i>Acorus calamus</i>	2 - 3.5	2.5	Scatter
s/w	sedge	Bottlebrush sedge	<i>Carex cornosa</i>	2 - 4	2 - 3	Scatter
w/um	sedge	Fox sedge	<i>Carex volpinoidea</i>	1 - 3	1.5	Scatter
s/w	rush	Blunt spike rush	<i>Eleocharis obtusa</i>	0.5 - 2	1 - 2	Scatter
s/w	forb	Blue flag iris	<i>Iris versicolor</i>	1.5 - 3.5	2	Scatter
s	forb	Pickrel weed	<i>Pontederia cordata</i>	2 - 3	3 - 4	Scatter
s	forb	Common arrowhead	<i>Sagittaria latifolia</i>	2 - 3.5	3	Scatter
s	rush	Softstem bulrush	<i>Scirpus validus</i>	3 - 9	1 - 3	Scatter

**Table 4. Tree/shrub species for areas of minor water fluctuation.**

Habitat <sup>†</sup>	Plant type	Common Name	Scientific Name	Height (feet)
w/um	small tree	Green alder	<i>Alnus viridis ssp. crispa</i>	15 - 30
w/um/ud	shrub	Black chokeberry	<i>Aronia melanocarpa</i>	3 - 6
w/um/ud	tree	River birch	<i>Betula nigra</i>	50 - 70
w/um/ud	shrub	Red-osier dogwood	<i>Cornus stolonifera</i>	6 - 12
w/um	tree	Tamarack	<i>Larix laricina</i>	40 - 80
w/um	tree	Swamp white oak	<i>Quercus bicolor</i>	75 - 100
w	tree	Black willow	<i>Salix nigra</i>	35 - 50
w/um	shrub	Common elderberry	<i>Sambucus canadensis</i>	3 - 12
w/um	shrub	High bush cranberry	<i>Viburnum trilobum</i>	6 - 16

Information obtained from Lakescaping for Wildlife and Water Quality.

<sup>†</sup> ud = upland-dry plant communities, um = upland-moist plant communities, w = wet-soil lakeshore plant communities, s = shallow water plant communities.

<sup>‡</sup> Not found in *Lakescaping for Wildlife and Water Quality*. Approximation made for spacing (feet).