

NORTHERN WET MEADOW/CARR, WILLOW-DOGWOOD SHRUB SWAMP TYPE										
Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	<sup>2</sup> Rarity Status	<sup>3</sup> Freq	<sup>4</sup> Abund	<sup>5</sup> Index
<b>Understory Trees</b>										
<i>Larix</i>	<i>laricina</i>			(DuRoi) Koch		Tamarack		38	12	456
<i>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		25	4	100
<i>Ulmus</i>	<i>americana</i>			L.		American elm		25	3	75
<i>Betula</i>	<i>papyrifera</i>			Regel		Paper-birch		13	3	39
<i>Acer</i>	<i>rubrum</i>			L.		Red maple		13	3	39
<i>Fraxinus</i>	<i>nigra</i>			Marsh.		Black ash		25	1	25
<b>Shrubs</b>										
<i>Salix</i>	<i>petiolaris</i>			J. E. Smith		Slender willow		100	25	2500
<i>Salix</i>	<i>discolor</i>			Muhl.		Pussy willow		100	12	1200
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		100	12	1200
<i>Betula</i>	<i>pumila</i>			L.		Bog-birch		75	11	825
<i>Spiraea</i>	<i>alba</i>			Du Roi		Meadowsweet		25	10	250
<i>Ribes</i>	<i>americanum</i>			Mill.		Wild black currant		13	15	195
<i>Salix</i>	<i>serissima</i>			(Bailey) Fern.		Autumn willow		13	15	195
<i>Ribes</i>	<i>hirtellum</i>			Michx.		Swamp gooseberry		50	3	150
<i>Alnus</i>	<i>incana</i>	ssp.	<i>rugosa</i>	(L.) Moench	(Du Roi) Clausen	Speckled alder		38	4	152
<i>Salix</i>	<i>bebbiana</i>			Sarg.		Bebb's willow		50	3	150
<i>Spiraea</i>	<i>tomentosa</i>	var.	<i>rosea</i>	L.	(Raf.) Fern.	Steeple-bush		13	5	65
<i>Salix</i>	<i>candida</i>			Flugge		Sage-leaved willow		38	2	76
<i>Salix</i>	<i>eriocephala</i>			Michx.		Heart-leaved willow		13	3	39
<i>Ilex</i>	<i>verticillata</i>			(L.) Gray		Winterberry		13	3	39
<i>Ribes</i>	<i>triste</i>			Pall.		Swamp red currant		13	1	13
<i>Toxicodendron</i>	<i>vernix</i>			(L.) Kuntze		Poison sumac		13	1	13
<i>Rhamnus</i>	<i>alnifolia</i>			L'Her		Alder-leaved buckthorn		13	1	13
<i>Viburnum</i>	<i>opulus</i>	var.	<i>americanaum</i>	L.	Aiton	High-bush cranberry		13	1	13
<i>Cornus</i>	<i>racemosa</i>			Lam.		Gray dogwood		13	1	13
<i>Salix</i>	<i>lucida</i>			Muhl.		Shining willow		13	1	13
<b>Low Shrubs</b>										
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry		25	2	50
<b>Vines</b>										
<i>Parthenocissus</i>	spp.					Virginia creeper		25	3	75
<b>Forbs</b>										
<i>Eupatorium</i>	<i>maculatum</i>			L.		Spotted Joe-pye weed		75	9	675

<sup>1</sup>Native Plant Community Species Lists for East-central Minnesota

**Class: Northern Wet Meadow/ Carr WMn82**

**Type: Willow-Dogwood Shrub Swamp WMn82a**

<i>Solidago</i>	<i>canadensis</i>			L.	Canada goldenrod		38	15	570
<i>Sparganium</i>	<i>eurycarpum</i>			Engelm.	Giant bur-reed		13	38	494
<i>Typha</i>	<i>spp.</i>				Cattail		38	11	418
<i>Lycopus</i>	<i>uniflorus</i>			Michx.	Northern bugleweed		75	5	375
<i>Pilea</i>	<i>spp.</i>				Clearweed		50	6	300
<i>Epilobium</i>	<i>cm2</i>				Willow-herb		88	3	264
<i>Potentilla</i>	<i>palustris</i>			(L.) Scop.	Marsh cinquefoil		88	3	264
<i>Galium</i>	<i>trifidum</i>			L.	Three-cleft bedstraw		63	4	252
<i>Scutellaria</i>	<i>galericulata</i>			L.	Marsh skullcap		75	3	225
<i>Sagittaria</i>	<i>latifolia</i>			Willd.	Broad-leaved arrowhead		50	4	200
<i>Campanula</i>	<i>aparinoides</i>			Pursh	Marsh bellflower		50	4	200
<i>Impatiens</i>	<i>spp.</i>				Touch-me-not		50	4	200
<i>Rubus</i>	<i>pubescens</i>			Raf.	Dwarf raspberry		50	4	200
<i>Aster</i>	<i>borealis</i>			(T. & G.) Provanch.	Bog aster		50	4	200
<i>Lysimachia</i>	<i>thyrsiflora</i>			L.	Tufted loosestrife		38	4	152
<i>Rumex</i>	<i>orbiculatus</i>			Gray	Great water dock		50	3	150
<i>Cicuta</i>	<i>bulbifera</i>			L.	Bulb-bearing water-hemlock		50	3	150
<i>Galium</i>	<i>labradoricum</i>			(Wieg.) Wieg.	Marsh bedstraw		50	3	150
<i>Lycopus</i>	<i>americanus</i>			Muhl.	Cut-leaved bugleweed		63	2	126
<i>Eupatorium</i>	<i>perfoliatum</i>			L.	Common boneset		63	2	126
<i>Aster</i>	<i>lanceolatus</i>			Willd.	Panicked aster		25	4	100
<i>Senecio</i>	<i>aureus</i>			L.	Golden ragwort		25	4	100
<i>Bidens</i>	<i>spp.</i>				Beggar-ticks		38	2	76
<i>Lathyrus</i>	<i>palustris</i>			L.	Marsh vetchling		38	2	76
<i>Caltha</i>	<i>palustris</i>			L.	Swamp marsh-marigold		38	2	76
<i>Asclepias</i>	<i>incarnata</i>			L.	Swamp milkweed		38	2	76
<i>Viola</i>	<i>cm2</i>				Violet		25	3	75
<i>Epilobium</i>	<i>cm1</i>				Willow-herb		25	3	75
<i>Solidago</i>	<i>gigantea</i>			Ait.	Giant goldenrod		25	3	75
<i>Polygonum</i>	<i>sagittatum</i>			L.	Arrow-leaved tearthumb		25	3	75
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.	Tall meadow-rue		25	3	75
<i>Solidago</i>	<i>uliginosa</i>			Nutt.	Bog goldenrod		13	5	65
<i>Pycnanthemum</i>	<i>virginianum</i>			(L.) Durand & Jackson	Virginia mountain-mint		25	2	50
<i>Cirsium</i>	<i>muticum</i>			Michx.	Swamp thistle		13	3	39
<i>Pedicularis</i>	<i>lanceolata</i>			Michx.	Swamp lousewort		13	3	39
<i>Polygonum</i>	<i>punctatum</i>			Ell.	Dotted smartweed		13	3	39
<i>Polygonum</i>	<i>amphibium</i>			L.	Swamp smartweed		13	3	39
<i>Lysimachia</i>	<i>terrestris</i>			(L.) BSP.	Yellow loosestrife		13	3	39

<sup>1</sup>Native Plant Community Species Lists for East-central Minnesota

**Class: Northern Wet Meadow/ Carr WMn82**

**Type: Willow-Dogwood Shrub Swamp WMn82a**

<i>Mentha</i>	<i>arvensis</i>	var.	<i>glabrata</i>	L.	(Benth.) Fern.	Common mint	13	3	39
<i>Sium</i>	<i>suave</i>			Walt.		Water-parsnip	13	3	39
<i>Gentiana</i>	<i>rubricaulis</i>			Schwein.		Great Lakes gentian	13	3	39
<i>Galium</i>	<i>boreale</i>	ssp.	<i>septentrionale</i>	L.	(Roem. & Schult.) Iltis	Northern bedstraw	13	3	39
<i>Lobelia</i>	<i>siphilitica</i>			L.		Great lobelia	13	3	39
<i>Aster</i>	<i>firmus</i>			Nees		Red-stemmed aster	13	3	39
<i>Agalinis</i>	<i>tenuifolia</i>			(Vahl) Raf.		Slender-leaved gerardia	13	3	39
<i>Triadenum</i>	<i>fraseri</i>			(Spach) Gl.		Marsh St. John's-wort	13	3	39
<i>Chelone</i>	<i>glabra</i>			L.		White turtlehead	25	1	25
<i>Anemone</i>	<i>canadensis</i>			L.		Canada anemone	13	1	13
<i>Galium</i>	<i>asprellum</i>			Michx.		Rough bedstraw	13	1	13
<i>Gentianopsis</i>	<i>crinita</i>			(Froel.) Ma		Wide-leaved fringed gentian	13	1	13
<i>Gentianopsis</i>	<i>procera</i>			(Holm) Ma		Smaller fringed gentian	13	1	13
<i>Alisma</i>	<i>subcordatum</i>			Raf.		Heart-leaved water-plantain	13	1	13
<i>Parnassia</i>	<i>palustris</i>	var.	<i>neogaea</i>	L.	Fern.	Marsh grass-of-Parnassus	13	1	13
<i>Aster</i>	<i>pubentior</i>			Cronq.		Flat-topped aster	13	1	13
<i>Liparis</i>	<i>loeselii</i>			(L.) Rich.		Loesel's twayblade	13	1	13
<i>Spiranthes</i>	<i>cernua</i>			(L.) Rich.		Nodding ladies'-tresses	13	1	13
<b>Grasses, Rushes and Sedges</b>									
<i>Calamagrostis</i>	<i>canadensis</i>			(Michx.) Nutt.		Bluejoint	88	23	2024
<i>Carex</i>	<i>stricta</i>			Lam.		Tussock-sedge	50	36	1800
<i>Carex</i>	<i>lacustris</i>			Willd.		Lake-sedge	63	28	1764
<i>Carex</i>	<i>lasiocarpa</i>	var.	<i>americana</i>	Ehrh.	Fern.	Wire-sedge	63	12	756
<i>Carex</i>	<i>canescens</i>			L.		Silvery sedge	13	38	494
<i>Muhlenbergia</i>	<i>glomerata</i>			(Willd.) Trin.		Clustered muhly grass	25	15	375
<i>Bromus</i>	<i>ciliatus</i>			L.		Fringed brome	25	4	100
<i>Carex</i>	<i>diandra</i>			Schrank		Lesser-panicled sedge	25	3	75
<i>Carex</i>	<i>disperma</i>			Dewey		Soft-leaved sedge	25	3	75
<i>Carex</i>	<i>pseudocyperus</i>			L.		Cyperus-like sedge	25	3	75
<i>Muhlenbergia</i>	<i>racemosa</i>			(Michx.) BSP.		Marsh muhly grass	13	5	65
<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass	13	5	65
<i>Carex</i>	<i>utriculata</i>			Boott		Beaked sedge	13	5	65
<i>Carex</i>	<i>comosa</i>			Boott		Bristly sedge	13	5	65
<i>Poa</i>	<i>palustris</i>			L.		Fowl meadow-grass	13	3	39
<i>Muhlenbergia</i>	<i>frondosa</i>			(Poir.) Fern.		Swamp satin-grass	13	3	39
<i>Glyceria</i>	<i>striata</i>			(Lam.) Hitchc.		Fowl manna-grass	13	3	39
<i>Hierochloa</i>	<i>odorata</i>	ssp.	<i>hirta</i>	(L.) Beauv.	(Schrank) Tsvelev	Sweet grass	13	3	39
<i>Scirpus</i>	<i>cyperinus</i>			(L.) Kunth		Wool-grass	13	3	39

<sup>1</sup>Native Plant Community Species Lists for East-central Minnesota

**Class: Northern Wet Meadow/ Carr WMn82**

**Type: Willow-Dogwood Shrub Swamp WMn82a**

<i>Carex</i>	<i>buxbaumii</i>			Wahlenb.		Buxbaum's sedge		13	3	39
<i>Carex</i>	<i>oligosperma</i>			Michx.		Few-seeded sedge		13	3	39
<i>Calamagrostis</i>	<i>stricta</i>			(Timm) Koeler		Bog reed-grass		13	1	13
<i>Juncus</i>	<i>greenei</i>			Oakes & Tuckerm.		Greene's rush		13	1	13
<i>Carex</i>	<i>sartwellii</i>			Dewey		Sartwell's sedge		13	1	13
<i>Carex</i>	<i>interior</i>			Bailey		Inland sedge		13	1	13
<b>Ferns and Fern Allies</b>										
<i>Thelypteris</i>	<i>palustris</i>			Schott		Northern marsh-fern		88	17	1496
<i>Onoclea</i>	<i>sensibilis</i>			L.		Sensitive fern		25	3	75
<i>Dryopteris</i>	<i>crinata</i>			(L.) Gray		Crested fern		25	2	50
<i>Equisetum</i>	<i>palustre</i>			L.		Marsh horsetail		13	3	39
<i>Osmunda</i>	<i>regalis</i>	var.	<i>spectabilis</i>	L.	(Willd.) Gray	Royal fern		13	1	13

**Exotic Invasive Species - Do Not Plant**

<i>Prunella</i>	<i>vulgaris</i>			L.		Heal-all		13	3	39
<i>Polygonum</i>	<i>hydropiper</i>			L.		Marsh water-pepper		13	3	39
<i>Phalaris</i>	<i>arundinacea</i>			L.		Reed canary-grass		13	3	39
<i>Crepis</i>	<i>tectorum</i>			L.		Yellow hawk's-beard		13	1	13

**State Listed Rare Species - Do Not Plant Without a Permit**

(none)										
--------	--	--	--	--	--	--	--	--	--	--

<sup>1</sup>See the report *Species Lists for Terrestrial and Palustrine Native Plant Communities in East-central Minnesota* for instructions for using these species lists

<sup>2</sup>Rarity Status: State-listed rare species. E - Endangered, T - Threatened, SC - Special Concern

<sup>3</sup>Frequency: Number of releve plots in which species occurs divided by total number of releve plots, multiplied by 100

<sup>4</sup>Abundance: Average percent cover of species within the community. It is most appropriate to interpret each value as a cover class similar to those used for original data collection (see text of report for more details)

<sup>5</sup>Index of Commonness: Frequency multiplied by Abundance