

¹Native Plant Community Species Lists for East-central Minnesota

Class: Northern Mixed Cattail Marsh MRn83

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
Understory Trees										
<i>Acer</i>	<i>negundo</i>			L.		Box elder		10	1	10
Shrubs										
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		20	9	180
<i>Amorpha</i>	<i>fruticosa</i>			L.		False indigo		10	15	150
<i>Spiraea</i>	<i>tomentosa</i>	var.	<i>rosea</i>	L.	(Raf.) Fern.	Steeple-bush		20	3	60
<i>Betula</i>	<i>pumila</i>			L.		Bog-birch		10	3	30
<i>Salix</i>	<i>petiolaris</i>			Smith		Slender willow		10	3	30
Forbs										
<i>Typha</i>	<i>spp.</i>					Cattail		90	28	2520
<i>Lemna</i>	<i>spp.</i>					Lesser duckweed		50	30	1500
<i>Impatiens</i>	<i>cmx.</i>					Touch-me-not		50	17	850
<i>Sparganium</i>	<i>eurycarpum</i>			Engelm.		Giant bur-reed		30	26	780
<i>Eupatorium</i>	<i>maculatum</i>			L.		Spotted Joe-pye weed		40	15	600
<i>Scutellaria</i>	<i>galericulata</i>			L.		Marsh skullcap		60	5	300
<i>Bidens</i>	<i>spp.</i>					Beggar-ticks		40	7	280
<i>Mentha</i>	<i>arvensis</i>	var.	<i>glabrata</i>	L.	(Benth.) Fern.	Common mint		40	6	240
<i>Cicuta</i>	<i>bulbifera</i>			L.		Bulb-bearing water-hemlock		30	8	240
<i>Sagittaria</i>	<i>latifolia</i>			Willd.		Broad-leaved arrowhead		50	5	250
<i>Rumex</i>	<i>orbiculatus</i>			Gray		Great water dock		60	3	180
<i>Lycopus</i>	<i>americanus</i>			Muhl.		Cut-leaved bugleweed		50	3	150
<i>Campanula</i>	<i>aparinoides</i>			Pursh		Marsh bellflower		40	4	160
<i>Acorus</i>	<i>calamus</i>			L.		Sweet flag		40	4	160
<i>Polygonum</i>	<i>sagittatum</i>			L.		Arrow-leaved tearthumb		30	4	120
<i>Polygonum</i>	<i>amphibium</i>	var.	<i>stipulaceum</i>	L.	Coleman	Water smartweed		30	4	120
<i>Cuscuta</i>	<i>spp.</i>					Dodder		30	3	90
<i>Lysimachia</i>	<i>thyrsiflora</i>			L.		Tufted loosestrife		30	3	90
<i>Asclepias</i>	<i>incarnata</i>			L.		Swamp milkweed		30	3	90
<i>Pilea</i>	<i>cmx.</i>					Clearweed		20	4	80
<i>Polygonum</i>	<i>punctatum</i>			Ell.		Dotted smartweed		20	4	80
<i>Helianthus</i>	<i>grosseserratus</i>			Martens		Sawtooth sunflower		20	4	80
<i>Galium</i>	<i>trifidum</i>			L.		Three-cleft bedstraw		30	2	60
<i>Viola</i>	<i>cm1</i>					Violet		20	3	60
<i>Epilobium</i>	<i>cm2</i>					Willow-herb		20	3	60
<i>Lycopus</i>	<i>uniflorus</i>			Michx.		Northern bugleweed		20	3	60
<i>Stachys</i>	<i>palustris</i>			L.		Woundwort		20	3	60
<i>Lathyrus</i>	<i>palustris</i>			L.		Marsh vetchling		20	3	60

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<i>Aster</i>	<i>firmus</i>			Nees		Red-stemmed aster		20	3	60
<i>Cicuta</i>	<i>maculata</i>			L.		Spotted water-hemlock		20	3	60
<i>Nymphaea</i>	<i>cmx.</i>					Waterlily		10	5	50
<i>Lysimachia</i>	<i>ciliata</i>			L.		Fringed loosestrife		10	5	50
<i>Eupatorium</i>	<i>perfoliatum</i>			L.		Common boneset		10	5	50
<i>Boehmeria</i>	<i>cylindrica</i>			(L.) Sw.		False nettle		10	5	50
<i>Epilobium</i>	<i>cm1</i>					Willow-herb		10	3	30
<i>Polygonum</i>	<i>pensylvanicum</i>			L.		Pennsylvania smartweed		10	3	30
<i>Polygonum</i>	<i>lapathifolium</i>			L.		Nodding smartweed		10	3	30
<i>Sium</i>	<i>suave</i>			Walt.		Water-parsnip		10	3	30
<i>Lysimachia</i>	<i>quadriflora</i>			Sims		Prairie loosestrife		10	3	30
<i>Lythrum</i>	<i>alatum</i>			Pursh		Wing-angled loosestrife		10	3	30
<i>Rumex</i>	<i>maritimus</i>	var.	<i>fuiginus</i>	L.	(Phil.) Dusen	Golden dock		10	3	30
<i>Rorippa</i>	<i>palustris</i>			(L.) Besser		Icelandic yellow cress		10	3	30
<i>Caltha</i>	<i>palustris</i>			L.		Swamp marsh-marigold		10	3	30
<i>Pedicularis</i>	<i>lanceolata</i>			Michx.		Swamp lousewort		10	3	30
<i>Stellaria</i>	<i>longifolia</i>			Muhl. ex Willd.		Long-leaved chickweed		10	3	30
<i>Aster</i>	<i>umbellatus</i>			Miller		Flat-topped aster		10	3	30
<i>Teucrium</i>	<i>canadense</i>			L.		Germander		10	3	30
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod		10	3	30
<i>Aster</i>	<i>borealis</i>			(T. & G.) Provanch.		Bog aster		10	3	30
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue		10	3	30
<i>Lobelia</i>	<i>siphilitica</i>			L.		Great lobelia		10	3	30
<i>Galium</i>	<i>tinctorium</i>			L.		Small bedstraw		10	3	30
<i>Calystegia</i>	<i>sepium</i>			(L.) R. Br.		Hedge bindweed		10	1	10
<i>Liatris</i>	<i>ligulistylis</i>			(Nels.) Schum.		Northern plains blazing star		10	1	10
Grasses, Rushes and Sedges										
<i>Calamagrostis</i>	<i>canadensis</i>			(Michx.) Nutt.		Bluejoint		70	15	1050
<i>Carex</i>	<i>lacustris</i>			Willd.		Lake-sedge		30	34	1020
<i>Phragmites</i>	<i>australis</i>			(Cav.) Steud.		Common reed		10	63	630
<i>Scirpus</i>	<i>acutus</i>			Bigel.		Hard-stemmed bulrush		30	19	570
<i>Carex</i>	<i>comosa</i>			Boott		Bristly sedge		20	15	300
<i>Carex</i>	<i>stricta</i>			Lam.		Tusssock-sedge		30	8	240

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<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass		50	3	150
<i>Scirpus</i>	<i>validus</i>	var.	<i>creber</i>	Vahl	Fern.	Softstem bulrush		10	15	150
<i>Scirpus</i>	<i>fluviatilis</i>			(Torr.) Gray		River bulrush		10	15	150
<i>Dulichium</i>	<i>arundinaceum</i>			(L.) Britt.		Three-way sedge		20	4	80
<i>Carex</i>	<i>pellita</i>			Muhl.		Woolly sedge		20	4	80
<i>Carex</i>	<i>hystericina</i>			Muhl. ex Willd.		Porcupine sedge		20	4	80
<i>Muhlenbergia</i>	<i>glomerata</i>			(Willd.) Trin.		Clustered muhly grass		10	5	50
<i>Cyperus</i>	<i>bipartitus</i>			Torr.		Brook nut sedge		10	5	50
<i>Carex</i>	<i>haydenii</i>			Dewey		Hayden's sedge		10	5	50
<i>Carex</i>	<i>interior</i>			Bailey		Inland sedge		10	5	50
<i>Eleocharis</i>	<i>ovata</i>			(Roth) R. & S.		Ovoid spikerush		10	5	50
<i>Cyperus</i>	<i>odoratus</i>			L.		Fragrant cyperus		10	3	30
<i>Carex</i>	<i>stipata</i>			Muhl. ex Willd.		Awl-fruited sedge		10	3	30
<i>Zizania</i>	<i>palustris</i>			L.		Wild rice		10	1	10
Ferns and Fern Allies										
<i>Thelypteris</i>	<i>palustris</i>			Schott		Northern marsh-fern		50	4	200
<i>Equisetum</i>	<i>fluviatile</i>			L.		Water horsetail		10	3	30
Exotic Invasive Species - Do Not Plant										
<i>Phalaris</i>	<i>arundinacea</i>			L.		Reed canary-grass		50	16	800
<i>Agrostis</i>	<i>gigantea</i>			Roth		Redtop		20	3	60
<i>Polygonum</i>	<i>convolvulus</i>			L.		Black bindweed		10	3	30
<i>Rumex</i>	<i>crispus</i>			L.		Curly dock		10	3	30
<i>Echinochloa</i>	<i>crusgalli</i>			(L.) Beauv.		Cockspur barnyard grass		10	3	30
State Listed Rare Species - Do Not Plant Without a Permit										
<i>Decodon</i>	<i>verticillatus</i>	var.	<i>laevigatus</i>	(L.) Ell.	T. & G.	waterwillow	SC	10	15	150

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

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

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

⁴Abundance: Average percent cover of species within the community. It is most appropriate to interpret each value as a cover class

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⁴Abundance: 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)

⁵Index of Commonness: Frequency multiplied by Abundance