

¹Native Plant Community Species Lists for East-central Minnesota

Class: Northern Bulrush-Spikerush Marsh MRn93

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>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		8	3	24
Shrubs										
<i>Amorpha</i>	<i>fruticosa</i>			L.		False indigo		8	15	120
Forbs										
<i>Sparganium</i>	<i>eurycarpum</i>			Engelm.		Giant bur-reed		58	27	1566
<i>Sagittaria</i>	<i>latifolia</i>			Willd.		Broad-leaved arrowhead		100	13	1300
<i>Acorus</i>	<i>calamus</i>			L.		Sweet flag		25	46	1150
<i>Bidens</i>	<i>spp.</i>					Beggar-ticks		67	17	1139
<i>Lemna</i>	<i>spp.</i>					Lesser duckweed		42	20	840
<i>Pilea</i>	<i>cmx.</i>					Clearweed		58	13	754
<i>Eriocaulon</i>	<i>aquaticum</i>			(Hill) Druce		Pipewort		8	88	704
<i>Hypericum</i>	<i>majus</i>			(Gray) Britt.		Large St. John's-wort		25	15	375
<i>Polygonum</i>	<i>amphibium</i>			L.		Swamp smartweed		25	11	275
<i>Typha</i>	<i>spp.</i>					Cattail		33	8	264
<i>Polygonum</i>	<i>punctatum</i>			Ell.		Dotted smartweed		33	7	231
<i>Galium</i>	<i>tinctorium</i>			L.		Small bedstraw		25	7	175
<i>Nymphaea</i>	<i>cmx.</i>					Waterlily		25	7	175
<i>Lysimachia</i>	<i>thyriflora</i>			L.		Tufted loosestrife		17	10	170
<i>Polygonum</i>	<i>pensylvanicum</i>			L.		Pennsylvania smartweed		17	10	170
<i>Lycopus</i>	<i>uniflorus</i>			Michx.		Northern bugleweed		17	10	170
<i>Boehmeria</i>	<i>cylindrica</i>			(L.) Sw.		False nettle		17	10	170
<i>Cicuta</i>	<i>maculata</i>			L.		Spotted water-hemlock		17	10	170
<i>Polygonum</i>	<i>amphibium</i>	var.	<i>stipulaceum</i>	L.	Coleman	Water smartweed		42	4	168
<i>Impatiens</i>	<i>cmx.</i>					Spotted touch-me-not		17	9	153
<i>Sparganium</i>	<i>androcladum</i>			(Engelm.) Morong		Branching bur reed		8	15	120
<i>Lysimachia</i>	<i>ciliata</i>			L.		Fringed loosestrife		8	15	120
<i>Ludwigia</i>	<i>palustris</i>			(L.) Ell.		Common water primrose		8	15	120
<i>Lycopus</i>	<i>americanus</i>			Muhl.		Cut-leaved bugleweed		33	4	132
<i>Alisma</i>	<i>triviale</i>			Pursh		Ordinary water-plantain		33	4	132
<i>Scutellaria</i>	<i>galericulata</i>			L.		Marsh skullcap		25	4	100
<i>Mentha</i>	<i>arvensis</i>	var.	<i>glabrata</i>	L.	(Benth.) Fern.	Common mint		25	3	75
<i>Galium</i>	<i>labradoricum</i>			(Wieg.) Wieg.		Marsh bedstraw		17	4	68
<i>Cicuta</i>	<i>bulbifera</i>			L.		Bulb-bearing water-hemlock		17	4	68
<i>Rumex</i>	<i>maritimus</i>	var.	<i>fueginus</i>	L.	(Phil.) Dusen	Golden dock		17	4	68
<i>Eupatorium</i>	<i>perfoliatum</i>			L.		Common boneset		17	4	68

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<i>Galium</i>	<i>trifidum</i>			L.		Three-cleft bedstraw		17	4	68
<i>Verbena</i>	<i>hastata</i>			L.		Blue vervain		17	4	68
<i>Epilobium</i>	<i>cm1</i>					Willow-herb		17	4	68
<i>Sium</i>	<i>suave</i>			Walt.		Water-parsnip		17	3	51
<i>Rorippa</i>	<i>palustris</i>			(L.) Besser		Icelandic yellow cress		17	3	51
<i>Polygonum</i>	<i>lapathifolium</i>			L.		Nodding smartweed		17	3	51
<i>Ranunculus</i>	<i>pensylvanicus</i>			L. f.		Bristly buttercup		8	5	40
<i>Sagittaria</i>	<i>rigida</i>			Pursh		Sessile-fruited arrowhead		8	5	40
<i>Campanula</i>	<i>aparinoides</i>			Pursh		Marsh bellflower		8	5	40
<i>Lysimachia</i>	<i>terrestris</i>			(L.) BSP.		Yellow loosestrife		8	5	40
<i>Lycopus</i>	<i>asper</i>			Greene		Rough bugleweed		8	5	40
<i>Eupatorium</i>	<i>purpureum</i>			L.		Sweet Joe-pye weed		8	5	40
<i>Iris</i>	<i>versicolor</i>			L.		Northern blue Flag		8	5	40
<i>Spirodela</i>	<i>polyrhiza</i>			(L.) Schleid.		Greater duckweed		8	5	40
<i>Sparganium</i>	<i>emersum</i>			Rehmann		Unbranched bur reed		8	5	40
<i>Scutellaria</i>	<i>lateriflora</i>			L.		Mad-dog skullcap		17	2	34
<i>Euthamia</i>	<i>graminifolia</i>			(L.) Nutt.		Grass-leaved goldenrod		8	3	24
<i>Eupatorium</i>	<i>maculatum</i>			L.		Spotted Joe-pye weed		8	3	24
<i>Ranunculus</i>	<i>hispidus</i>			Michx.		Hispid buttercup		8	3	24
<i>Physostegia</i>	<i>virginiana</i>			(L.) Benth.		Obedient plant		8	3	24
<i>Potentilla</i>	<i>norvegica</i>			L.		Rough cinquefoil		8	3	24
<i>Mimulus</i>	<i>ringens</i>			L.		Purple monkey-flower		8	3	24
<i>Aster</i>	<i>lanceolatus</i>			Willd.		Panicled aster		8	3	24
<i>Alisma</i>	<i>subcordatum</i>			Raf.		Heart-leaved water-plantain		8	3	24
<i>Triadenum</i>	<i>fraseri</i>			(Spach) Gl.		Marsh St. John's-wort		8	3	24
<i>Cuscuta</i>	<i>spp.</i>					Dodder		8	3	24
<i>Nuphar</i>	<i>luteum</i>			(L.) Sibth. & Sm.		Yellow pond-lily		8	1	8
Grasses, Rushes and Sedges										
<i>Scirpus</i>	<i>fluviatilis</i>			(Torr.) Gray		River bulrush		58	55	3190
<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass		92	23	2116
<i>Scirpus</i>	<i>validus</i>	var.	<i>creber</i>	Vahl	Fern.	Softstem bulrush		50	19	950
<i>Scirpus</i>	<i>smithii</i>			Gray		Pursh's bulrush		17	38	646
<i>Juncus</i>	<i>canadensis</i>			J. Gay		Canada rush		8	38	304
<i>Scirpus</i>	<i>acutus</i>			Bigel.		Hard-stemmed bulrush		8	38	304
<i>Juncus</i>	<i>brevicaudatus</i>			(Engelm.) Fern.		Narrow-panicled rush		25	11	275

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<i>Phragmites</i>	<i>australis</i>			(Cav.) Steud.		Common reed		33	7	231
<i>Calamagrostis</i>	<i>canadensis</i>			(Michx.) Nutt.		Bluejoint		25	8	200
<i>Carex</i>	<i>comosa</i>			Boott		Bristly sedge		17	8	136
<i>Glyceria</i>	<i>borealis</i>			(Nash) Batch.		Northern manna grass		8	15	120
<i>Cyperus</i>	<i>odoratus</i>			L.		Fragrant cyperus		8	15	120
<i>Cyperus</i>	<i>diandrus</i>			Torr.		Sedge galingale		25	3	75
<i>Dulichium</i>	<i>arundinaceum</i>			(L.) Britt.		Three-way sedge		17	4	68
<i>Spartina</i>	<i>pectinata</i>			Link		Prairie cord-grass		8	5	40
<i>Glyceria</i>	<i>grandis</i>			S. Wats.		Tall manna-grass		8	5	40
<i>Juncus</i>	<i>effusus</i>			L.		Soft rush		8	5	40
<i>Scirpus</i>	<i>atrovirens</i>			Willd.		Dark green bulrush		8	5	40
<i>Eleocharis</i>	<i>acicularis</i>			(L.) R. & S.		Least spikerush		8	5	40
<i>Eleocharis</i>	<i>elliptica</i>			Kunth		Elliptic spikerush		8	5	40
<i>Eleocharis</i>	<i>ovata</i>			(Roth) R. & S.		Ovoid spikerush		8	5	40
<i>Cyperus</i>	<i>erythrorhizos</i>			Muhl.		Red-rooted cyperus		8	5	40
<i>Zizania</i>	<i>palustris</i>			L.		Wild rice		8	3	24
<i>Juncus</i>	<i>nodosus</i>			L.		Knotty rush		8	3	24
<i>Echinochloa</i>	<i>muricata</i>			(Beauv.) Fern.		Rough barnyard grass		8	3	24
<i>Carex</i>	<i>scoparia</i>			Schkuhr ex Willd.		Pointed-broom sedge		8	3	24
<i>Cyperus</i>	<i>strigosus</i>			L.		Straw-colored umbrella sedge		8	3	24
<i>Calamagrostis</i>	<i>stricta</i>			(Timm) Koeler		Bog reed-grass		8	1	8
<i>Agrostis</i>	<i>hyemalis</i>	var.	<i>scabra</i>	(Willd.) Blomq.		Rough bent-grass		8	1	8
<i>Carex</i>	<i>diandra</i>			Schrank		Lesser-panicled sedge		8	1	8
<i>Scirpus</i>	<i>cyperinus</i>			(L.) Kunth		Wool-grass		8	1	8

Exotic Invasive Species - Do Not Plant										
<i>Phalaris</i>	<i>arundinacea</i>			L.		Reed canary-grass		25	8	200
<i>Lythrum</i>	<i>salicaria</i>	var.	<i>tomentosum</i>	L.	(Mill.) DC.	Purple loosestrife		17	9	153
<i>Rumex</i>	<i>crispus</i>			L.		Curly dock		17	8	136
<i>Echinochloa</i>	<i>crusgalli</i>			(L.) Beauv.		Cockspur barnyard grass		8	5	40

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State Listed Rare Species - Do Not Plant Without a Permit										
(none)										

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 similar to those used for original data collection (see text of report for more details)

⁵Index of Commonness: Frequency multiplied by Abundance