

¹Native Plant Community Species Lists for East-central Minnesota

Class: Northern Rich Alder Swamp FPN73

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
Canopy Trees (>10 m)										
<i>Larix</i>	<i>laricina</i>			(DuRoi) Koch		Tamarack		17	1	17
Understory Trees										
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		83	5	415
<i>Acer</i>	<i>rubrum</i>			L.		Red maple		100	2	200
<i>Larix</i>	<i>laricina</i>			(DuRoi) Koch		Tamarack		17	3	51
<i>Ulmus</i>	<i>americana</i>			L.		American elm		17	1	17
<i>Fraxinus</i>	<i>nigra</i>			Marsh.		Black ash		17	1	17
Shrubs										
<i>Alnus</i>	<i>incana</i>	ssp.	<i>rugosa</i>	(L.) Moench	(Du Roi) Clausen	Speckled alder		100	75	7500
<i>Toxicodendron</i>	<i>vernix</i>			(L.) Kuntze		Poison sumac		67	14	938
<i>Ilex</i>	<i>verticillata</i>			(L.) Gray		Winterberry		67	12	804
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		67	7	469
<i>Betula</i>	<i>pumila</i>			L.		Bog-birch		50	3	150
<i>Spiraea</i>	<i>tomentosa</i>	var.	<i>rosea</i>	L.	(Raf.) Fern.	Steeple-bush		33	4	132
<i>Ribes</i>	<i>hirtellum</i>			Michx.		Swamp gooseberry		33	3	99
<i>Ribes</i>	<i>americanum</i>			Mill.		Wild black currant		17	5	85
<i>Ribes</i>	<i>missouriense</i>			Nutt.		Missouri gooseberry		17	3	51
<i>Nemopanthus</i>	<i>mucronatus</i>			(L.) Loesener		Swamp holly		17	3	51
<i>Ribes</i>	<i>cynosbati</i>			L.		Prickly gooseberry		17	1	17
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry		17	1	17
<i>Viburnum</i>	<i>lentago</i>			L.		Nannyberry		17	1	17
<i>Viburnum</i>	<i>opulus</i>	var.	<i>americanum</i>	L.	Aiton	High-bush cranberry		17	1	17
<i>Lonicera</i>	<i>caerulea</i>	var.	<i>villosa</i>	L.	(Michx.) T. & G.	Mountain fly-honeysuckle		17	1	17
Low Shrubs										
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry		67	4	268
<i>Rubus</i>	cm1					Blackberry		17	5	85
<i>Chamaedaphne</i>	<i>calyculata</i>	var.	<i>angustifolia</i>	(L.) Moench	(Ait.) Rehd.	Leather-leaf		33	2	66
<i>Ledum</i>	<i>groenlandicum</i>			Oeder		Labrador tea		17	3	51
<i>Vaccinium</i>	<i>angustifolium</i>			Ait.		Lowbush blueberry		17	1	17
Vines										
<i>Parthenocissus</i>	cmx.					Virginia creeper		33	2	66
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape		33	1	33
Forbs										
<i>Polygonum</i>	<i>arifolium</i>	var.	<i>pubescens</i>	L.	(Keller) Fern.	Halberd-leaved tearthumb		50	31	1550
<i>Rubus</i>	<i>pubescens</i>			Raf.		Dwarf raspberry		83	15	1245

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<i>Sagittaria</i>	<i>latifolia</i>			Willd.		Broad-leaved arrowhead		33	21	693
<i>Impatiens</i>	<i>cmx.</i>					Spotted touch-me-not		67	10	670
<i>Pilea</i>	<i>cmx.</i>					Clearweed		67	7	469
<i>Lycopus</i>	<i>uniflorus</i>			Michx.		Northern bugleweed		83	5	415
<i>Polygonum</i>	<i>sagittatum</i>			L.		Arrow-leaved tearthumb		83	4	332
<i>Lysimachia</i>	<i>thyriflora</i>			L.		Tufted loosestrife		33	9	297
<i>Stellaria</i>	<i>longifolia</i>			Muhl. ex Willd.		Long-leaved chickweed		67	3	201
<i>Viola</i>	<i>cm2</i>					Violet		50	4	200
<i>Caltha</i>	<i>palustris</i>			L.		Swamp marsh-marigold		50	4	200
<i>Eupatorium</i>	<i>maculatum</i>			L.		Spotted Joe-pye weed		50	3	150
<i>Rumex</i>	<i>orbiculatus</i>			Gray		Great water dock		50	3	150
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod		67	2	134
<i>Boehmeria</i>	<i>cylindrica</i>			(L.) Sw.		False nettle		33	4	132
<i>Bidens</i>	<i>spp.</i>					Beggar-ticks		50	2	100
<i>Trientalis</i>	<i>borealis</i>			Raf.		Starflower		50	2	100
<i>Triadenum</i>	<i>fraseri</i>			(Spach) Gl.		Marsh St. John's-wort		50	2	100
<i>Epilobium</i>	<i>cm1</i>					Willow-herb		33	3	99
<i>Maianthemum</i>	<i>canadense</i>			Desf.		Canada mayflower		33	3	99
<i>Viola</i>	<i>cm1</i>					Violet		17	5	85
<i>Campanula</i>	<i>aparinoides</i>			Pursh		Marsh bellflower		17	5	85
<i>Typha</i>	<i>spp.</i>					Cattail		33	2	66
<i>Epilobium</i>	<i>cm2</i>					Willow-herb		33	2	66
<i>Saxifraga</i>	<i>pensylvanica</i>			L.		Swamp saxifrage		33	2	66
<i>Arisaema</i>	<i>triphillum</i>			(L.) Schott		Jack-in-the-pulpit		33	2	66
<i>Aster</i>	<i>firmus</i>			Nees		Red-stemmed aster		33	2	66
<i>Lysimachia</i>	<i>terrestris</i>			(L.) BSP.		Yellow loosestrife		17	3	51
<i>Eupatorium</i>	<i>rugosum</i>			Houtt.		Common snakeroot		17	3	51
<i>Scutellaria</i>	<i>galericulata</i>			L.		Marsh skullcap		17	3	51
<i>Iris</i>	<i>versicolor</i>			L.		Northern blue flag		17	3	51
<i>Potentilla</i>	<i>palustris</i>			(L.) Scop.		Marsh cinquefoil		17	3	51
<i>Anemone</i>	<i>quinquefolia</i>	var.	<i>bifolia</i>	L.	Farw.	Wood-anemone		17	3	51
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue		17	3	51
<i>Cicuta</i>	<i>bulbifera</i>			L.		Bulb-bearing water-hemlock		17	3	51
<i>Aster</i>	<i>novae-angliae</i>			L.		New England aster		17	3	51
<i>Galium</i>	<i>tinctorium</i>			L.		Small bedstraw		17	3	51
<i>Fragaria</i>	<i>virginiana</i>			Duchesne		Common strawberry		17	3	51

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<i>Scutellaria</i>	<i>lateriflora</i>			L.		Mad-dog skullcap		33	1	33
<i>Erechtites</i>	<i>hieracifolia</i>			(L.) Raf.		Pilewort		17	1	17
<i>Lathyrus</i>	<i>palustris</i>			L.		Marsh vetchling		17	1	17
<i>Chelone</i>	<i>glabra</i>			L.		White turtlehead		17	1	17
<i>Gentiana</i>	<i>flavida</i>			A. Gray		Yellowish gentian		17	1	17
<i>Galium</i>	<i>boreale</i>	ssp.	<i>septentrionale</i>	L.	(Roem. & Schult.) Ilitis	Northern bedstraw		17	1	17
<i>Galium</i>	<i>asprellum</i>			Michx.		Rough bedstraw		17	1	17
<i>Aster</i>	<i>borealis</i>			(T. & G.) Provanch.		Bog aster		17	1	17
<i>Solidago</i>	<i>uliginosa</i>			Nutt.		Bog goldenrod		17	1	17
<i>Aster</i>	<i>lanceolatus</i>			Willd.		Panicled aster		17	1	17
Grasses, Rushes and Sedges										
<i>Calamagrostis</i>	<i>canadensis</i>			(Michx.) Nutt.		Bluejoint		67	12	804
<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass		33	20	660
<i>Glyceria</i>	<i>canadensis</i>			(Michx.) Trin.		Rattlesnake grass		17	38	646
<i>Carex</i>	<i>brunnescens</i>	var.	<i>sphaerostachya</i>	(Pers.) Poir.	(Tuckerm.) Kuckenth.	Brownish sedge		17	15	255
<i>Carex</i>	<i>comosa</i>			Boott		Bristly sedge		50	4	200
<i>Poa</i>	<i>palustris</i>			L.		Fowl meadow-grass		33	4	132
<i>Carex</i>	<i>lacustris</i>			Willd.		Lake-sedge		50	2	100
<i>Carex</i>	<i>lasiocarpa</i>	var.	<i>americana</i>	Ehrh.	Fern.	Wire-sedge		33	3	99
<i>Bromus</i>	<i>ciliatus</i>			L.		Fringed brome		17	3	51
<i>Glyceria</i>	<i>striata</i>			(Lam.) Hitchc.		Fowl manna-grass		17	3	51
<i>Carex</i>	<i>stricta</i>			Lam.		Tusssock-sedge		17	3	51
<i>Carex</i>	<i>disperma</i>			Dewey		Soft-leaved sedge		17	3	51
<i>Scirpus</i>	<i>cyperinus</i>			(L.) Kunth		Wool-grass		17	3	51
<i>Carex</i>	<i>pseudocyperus</i>			L.		Cyperus-like sedge		17	3	51
<i>Carex</i>	<i>leptalea</i>			Wahlenb.		Bristle-stalked sedge		17	3	51
<i>Carex</i>	<i>trisperma</i>			Dewey		Three-fruited sedge		17	3	51
<i>Carex</i>	<i>canescens</i>			L.		Silvery sedge		17	3	51
<i>Carex</i>	<i>deweyana</i>			Schwein.		Dewey's sedge		17	1	17
Ferns and Fern Allies										
<i>Thelypteris</i>	<i>palustris</i>			Schott		Northern marsh-fern		83	6	498

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<i>Dryopteris</i>	<i>cristata</i>			(L.) Gray		Crested fern		83	3	249
<i>Dryopteris</i>	<i>carthusiana</i>			(Vill.) H.P. Fuchs		Spinulose shield fern		50	3	150
<i>Onoclea</i>	<i>sensibilis</i>			L.		Sensitive fern		50	2	100
<i>Osmunda</i>	<i>regalis</i>	var.	<i>spectabilis</i>	L.	(Willd.) Gray	Royal fern		50	2	100
<i>Athyrium</i>	<i>filix-femina</i>	var.	<i>angustum</i>	(L.) Roth		Lady-fern		33	3	99
<i>Osmunda</i>	<i>cinnamomea</i>			L.		Cinnamon fern		33	2	66
<i>Osmunda</i>	<i>claytoniana</i>			L.		Interrupted fern		17	3	51
<i>Gymnocarpium</i>	<i>dryopteris</i>			(L.) Newm.		Common oak-fern		17	1	17

Exotic Invasive Species - Do Not Plant										
<i>Rhamnus</i>	<i>frangula</i>			L.		Alder buckthorn		17	3	51
<i>Solanum</i>	<i>dulcamara</i>			L.		Bittersweet nightshade		33	1	33
<i>Rhamnus</i>	<i>cathartica</i>			L.		Common buckthorn		17	1	17

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