

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

**Class: Southern Rich Conifer Swamp FPs63**

SOUTHERN RICH CONIFER SWAMP										
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>Canopy Trees (&gt;10 m)</b>										
<i>Larix</i>	<i>laricina</i>			(DuRoi) Koch		Tamarack		77	35	2695
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		15	15	225
<i>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		8	3	24
<i>Acer</i>	<i>rubrum</i>			L.		Red maple		8	3	24
<b>Understory Trees</b>										
<i>Larix</i>	<i>laricina</i>			(DuRoi) Koch		Tamarack		77	32	2464
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		46	11	506
<i>Acer</i>	<i>rubrum</i>			L.		Red maple		69	4	276
<i>Ulmus</i>	<i>rubra</i>			Muhl.		Slippery elm		54	3	162
<i>Ulmus</i>	<i>americana</i>			L.		American elm		15	10	150
<i>Tilia</i>	<i>americana</i>			L.		Basswood		15	8	120
<i>Fraxinus</i>	<i>nigra</i>			Marsh.		Black ash		8	15	120
<i>Acer</i>	<i>negundo</i>			L.		Box elder		31	2	62
<i>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		15	4	60
<i>Fraxinus</i>	<i>pennsylvanica</i>			Marsh.		Green ash		15	2	30
<i>Acer</i>	<i>saccharum</i>			Marsh.		Sugar maple		8	1	8
<b>Shrubs</b>										
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		85	8	680
<i>Toxicodendron</i>	<i>vernix</i>			(L.) Kuntze		Poison sumac		38	15	570
<i>Betula</i>	<i>pumila</i>			L.		Bog-birch		46	9	414
<i>Salix</i>	<i>discolor</i>			Muhl.		Pussy willow		23	10	230
<i>Cornus</i>	<i>racemosa</i>			Lam.		Gray dogwood		31	6	186
<i>Alnus</i>	<i>incana</i>	ssp.	<i>rugosa</i>	(L.) Moench	(Du Roi) Clausen	Speckled alder		23	8	184
<i>Ilex</i>	<i>verticillata</i>			(L.) Gray		Winterberry		54	3	162
<i>Salix</i>	<i>pedicellaris</i>	var.	<i>pedicellaris</i>	Pursh		Bog willow		15	9	135
<i>Ribes</i>	<i>hirtellum</i>			Michx.		Swamp gooseberry		38	3	114
<i>Rhamnus</i>	<i>alnifolia</i>			L'Her		Alder-leaved buckthorn		38	3	114
<i>Lonicera</i>	<i>dioica</i>			L.		Wild Honeysuckle		31	3	93
<i>Ribes</i>	<i>triste</i>			Pall.		Swamp red currant		23	3	69
<i>Viburnum</i>	<i>opulus</i>	var.	<i>americanum</i>	L.	Aiton	High-bush cranberry		23	3	69
<i>Ribes</i>	<i>americanum</i>			Mill.		Wild black currant		31	2	62
<i>Amelanchier</i>	<i>cmx.</i>					Juneberry		31	2	62

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<i>Salix</i>	<i>petiolaris</i>			Smith		Slender willow	15	4	60
<i>Viburnum</i>	<i>lentago</i>			L.		Nannyberry	15	3	45
<i>Salix</i>	<i>eriocephala</i>			Michx.		Heart-leaved willow	8	5	40
<i>Salix</i>	<i>candida</i>			Flugge		Sage-leaved willow	8	3	24
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry	8	3	24
<i>Cornus</i>	<i>rugosa</i>			Lam.		Round-leaved dogwood	8	3	24
<i>Nemopanthus</i>	<i>mucronatus</i>			(L.) Loesener		Swamp holly	8	3	24
<i>Cornus</i>	<i>alternifolia</i>			L. f.		Pagoda dogwood	8	3	24
<i>Lonicera</i>	<i>caerulea</i>	var.	<i>villosa</i>	L.	(Michx.) T. & G.	Mountain fly-honeysuckle	15	1	15
<b>Low Shrubs</b>									
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry	54	5	270
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy	77	3	231
<i>Vaccinium</i>	<i>angustifolium</i>			Ait.		Lowbush blueberry	15	4	60
<i>Vaccinium</i>	<i>macrocarpon</i>			Ait.		Large cranberry	8	5	40
<i>Ledum</i>	<i>groenlandicum</i>			Oeder		Labrador tea	15	2	30
<i>Vaccinium</i>	<i>oxycoccus</i>			L.		Small cranberry	15	2	30
<i>Chamaedaphne</i>	<i>calyculata</i>	var.	<i>angustifolia</i>	(L.) Moench	(Ait.) Rehd.	Leather-leaf	8	1	8
<b>Vines</b>									
<i>Parthenocissus</i>	<i>cmx.</i>					Virginia creeper	77	4	308
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape	46	3	138
<b>Forbs</b>									
<i>Impatiens</i>	<i>cmx.</i>					Touch-me-not	62	14	868
<i>Typha</i>	<i>spp.</i>					Cattail	38	16	608
<i>Pilea</i>	<i>cmx.</i>					Clearweed	46	12	552
<i>Rubus</i>	<i>pubescens</i>			Raf.		Dwarf raspberry	54	6	324
<i>Berula</i>	<i>erecta</i>			(Hudson) Coville		Stream-parsnip	8	38	304
<i>Caltha</i>	<i>palustris</i>			L.		Swamp marsh-marigold	54	4	216
<i>Maianthemum</i>	<i>canadense</i>			Desf.		Canada mayflower	62	3	186
<i>Lysimachia</i>	<i>thyriflora</i>			L.		Tufted loosestrife	54	3	162
<i>Symplocarpus</i>	<i>foetidus</i>			(L.) Nutt.		Skunk-cabbage	23	7	161
<i>Aralia</i>	<i>nudicaulis</i>			L.		Wild sarsaparilla	23	7	161
<i>Lycopus</i>	<i>uniflorus</i>			Michx.		Northern bugleweed	46	3	138
<i>Rumex</i>	<i>orbiculatus</i>			Gray		Great water dock	62	2	124
<i>Bidens</i>	<i>spp.</i>					Beggar-ticks	31	4	124
<i>Smilacina</i>	<i>trifolia</i>			(L.) Desf.		Three-leaved false Solomon's-seal	8	15	120

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<i>Calopogon</i>	<i>tuberosus</i>			(L.) BSP.		Tuberous grass pink	8	15	120
<i>Veronica</i>	<i>americana</i>			(Raf.) Schwein.		American brooklime	8	15	120
<i>Galium</i>	<i>triflorum</i>			Michx.		Three-flowered bedstraw	38	3	114
<i>Trientalis</i>	<i>borealis</i>			Raf.		Starflower	38	3	114
<i>Aster</i>	<i>firmus</i>			Nees		Red-stemmed aster	38	3	114
<i>Eupatorium</i>	<i>maculatum</i>			L.		Spotted Joe-pye weed	54	2	108
<i>Saxifraga</i>	<i>pensylvanica</i>			L.		Swamp saxifrage	31	3	93
<i>Cicuta</i>	<i>bulbifera</i>			L.		Bulb-bearing water-hemlock	23	3	69
<i>Potentilla</i>	<i>palustris</i>			(L.) Scop.		Marsh cinquefoil	23	3	69
<i>Aster</i>	<i>borealis</i>			(T. & G.) Provanch.		Bog aster	23	3	69
<i>Stellaria</i>	<i>longifolia</i>			Muhl. ex Willd.		Long-leaved chickweed	23	3	69
<i>Scutellaria</i>	<i>lateriflora</i>			L.		Mad-dog skullcap	31	2	62
<i>Sagittaria</i>	<i>latifolia</i>			Willd.		Broad-leaved arrowhead	31	2	62
<i>Polygonum</i>	<i>punctatum</i>			Ell.		Dotted smartweed	15	4	60
<i>Lycopus</i>	<i>americanus</i>			Muhl.		Cut-leaved bugleweed	15	4	60
<i>Viola</i>	<i>renifolia</i>			Gray		Kidney-leaf violet	15	4	60
<i>Menyanthes</i>	<i>trifoliata</i>	var.	<i>minor</i>	L.	Raf.	Buckbean	15	4	60
<i>Viola</i>	<i>cm2</i>					Violet	23	2	46
<i>Campanula</i>	<i>aparinoides</i>			Pursh		Marsh bellflower	23	2	46
<i>Pedicularis</i>	<i>lanceolata</i>			Michx.		Swamp lousewort	23	2	46
<i>Arisaema</i>	<i>triphillum</i>			(L.) Schott		Jack-in-the-pulpit	23	2	46
<i>Solidago</i>	<i>uliginosa</i>			Nutt.		Bog goldenrod	23	2	46
<i>Habenaria</i>	<i>hyperborea</i>			(L.) R. Br.		Northern bog-orchid	15	3	45
<i>Epilobium</i>	<i>cm2</i>					Willow-herb	15	3	45
<i>Galium</i>	<i>aparine</i>			L.		Cleavers	15	3	45
<i>Cirsium</i>	<i>muticum</i>			Michx.		Swamp thistle	15	3	45
<i>Cornus</i>	<i>canadensis</i>			L.		Bunchberry	15	3	45
<i>Liparis</i>	<i>loeselii</i>			(L.) Rich.		Loesel's twayblade	15	3	45
<i>Cypripedium</i>	<i>reginae</i>			Walt.		Showy lady-slipper	15	3	45
<i>Fragaria</i>	<i>virginiana</i>			Duchesne		Common strawberry	15	3	45
<i>Polygonum</i>	<i>sagittatum</i>			L.		Arrow-leaved tearthumb	15	3	45
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal	15	3	45
<i>Amphicarpaea</i>	<i>bracteata</i>			(L.) Fern.		Hog-peanut	15	3	45
<i>Aster</i>	<i>pubentior</i>			Cronq.		Flat-topped aster	15	3	45
<i>Mitella</i>	<i>nuda</i>			L.		Naked miterwort	8	5	40

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<i>Solidago</i>	<i>canadensis</i>			L.		Canada goldenrod	8	5	40
<i>Drosera</i>	<i>rotundifolia</i>			L.		Round-leaved sundew	8	5	40
<i>Circaea</i>	<i>alpina</i>			L.		Small enchanter's nightshade	15	2	30
<i>Eupatorium</i>	<i>rugosum</i>			Houtt.		Common snakeroot	15	2	30
<i>Triadenum</i>	<i>fraseri</i>			(Spach) Gl.		Marsh St. John's-wort	15	2	30
<i>Scutellaria</i>	<i>galericulata</i>			L.		Marsh skullcap	15	2	30
<i>Lactuca</i>	spp.					Wild lettuce	8	3	24
<i>Viola</i>	cm1					Violet	8	3	24
<i>Galium</i>	<i>obtusum</i>			Bigel.		Obtuse bedstraw	8	3	24
<i>Galium</i>	<i>boreale</i>	ssp.	<i>septentrionale</i>	L.	(Roem. & Schult.) Ilitis	Northern bedstraw	8	3	24
<i>Pyrola</i>	<i>asarifolia</i>			Michx.		Pink-flowered pyrola	8	3	24
<i>Pyrola</i>	<i>elliptica</i>			Nutt.		Common pyrola	8	3	24
<i>Parnassia</i>	<i>glauca</i>			Raf.		American grass-of-Parnassus	8	3	24
<i>Cypripedium</i>	<i>acaule</i>			Ait.		Stemless lady's slipper	8	3	24
<i>Cryptotaenia</i>	<i>canadensis</i>			(L.) DC.		Honewort	8	3	24
<i>Cypripedium</i>	<i>calceolus</i>			L.		Yellow lady-slipper	8	3	24
<i>Eupatorium</i>	<i>purpureum</i>			L.		Sweet Joe-pye weed	8	3	24
<i>Lathyrus</i>	<i>palustris</i>			L.		Marsh vetchling	8	3	24
<i>Cicuta</i>	<i>maculata</i>			L.		Spotted water-hemlock	8	3	24
<i>Pogonia</i>	<i>ophioglossoides</i>			(L.) Juss.		Rose pogonia	8	3	24
<i>Sium</i>	<i>suave</i>			Walt.		Water-parsnip	8	3	24
<i>Boehmeria</i>	<i>cylindrica</i>			(L.) Sw.		False nettle	8	3	24
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod	8	3	24
<i>Sparganium</i>	<i>eurycarpum</i>			Engelm.		Giant bur-reed	8	3	24
<i>Calla</i>	<i>palustris</i>			L.		Wild calla	8	3	24
<i>Cardamine</i>	<i>pennsylvanica</i>			Muhl.		Pennsylvania bitter cress	8	3	24
<i>Urtica</i>	<i>dioica</i>	ssp.	<i>gracilis</i>	L.	(Ait.) Selander	Stinging nettle	8	3	24
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue	8	3	24
<i>Aralia</i>	<i>racemosa</i>			L.		American spikenard	8	3	24
<i>Actaea</i>	<i>rubra</i>			(Ait.) Willd.		Red baneberry	15	1	15
<i>Epilobium</i>	cm1					Willow-herb	8	1	8
<i>Geum</i>	<i>canadense</i>			Jacq.		White avens	8	1	8
<i>Galium</i>	<i>labradoricum</i>			(Wieg.) Wieg.		Marsh bedstraw	8	1	8
<i>Ranunculus</i>	<i>recurvatus</i>			Poir.		Hooked crowfoot	8	1	8
<i>Aster</i>	<i>ontarionis</i>			Wieg.		Ontario aster	8	1	8

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<i>Hypericum</i>	<i>majus</i>			(Gray) Britt.		Large St. John's-wort	8	1	8
<i>Prenanthes</i>	<i>alba</i>			L.		White rattlesnake-root	8	1	8
<i>Eupatorium</i>	<i>perfoliatum</i>			L.		Common boneset	8	1	8
<b>Grasses, Rushes and Sedges</b>									
<i>Carex</i>	<i>leptalea</i>			Wahlenb.		Bristle-stalked sedge	38	29	1102
<i>Carex</i>	<i>lasiocarpa</i>	var.	<i>americana</i>	Ehrh.	Fern.	Wire-sedge	38	21	798
<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass	23	19	437
<i>Carex</i>	<i>prairea</i>			Dewey		Prairie sedge	15	19	285
<i>Calamagrostis</i>	<i>canadensis</i>			(Michx.) Nutt.		Bluejoint	38	6	228
<i>Carex</i>	<i>lacustris</i>			Willd.		Lake-sedge	38	5	190
<i>Carex</i>	<i>disperma</i>			Dewey		Soft-leaved sedge	23	8	184
<i>Glyceria</i>	<i>striata</i>			(Lam.) Hitchc.		Fowl manna-grass	38	3	114
<i>Carex</i>	<i>comosa</i>			Boott		Bristly sedge	31	3	93
<i>Carex</i>	<i>paupercula</i>			Michx.		Poor sedge	23	4	92
<i>Poa</i>	<i>palustris</i>			L.		Fowl meadow-grass	23	3	69
<i>Carex</i>	<i>hystericina</i>			Muhl. ex Willd.		Porcupine sedge	23	3	69
<i>Carex</i>	<i>stipata</i>			Muhl. ex Willd.		Awl-fruited sedge	23	2	46
<i>Carex</i>	<i>interior</i>			Bailey		Inland sedge	15	3	45
<i>Carex</i>	<i>canescens</i>			L.		Silvery sedge	15	3	45
<i>Carex</i>	<i>trisperma</i>			Dewey		Three-fruited sedge	8	5	40
<i>Carex</i>	<i>intumescens</i>	var.	<i>fernaldii</i>	Rudge	Bailey	Bladder sedge	8	5	40
<i>Eriophorum</i>	<i>spissum</i>			Fern.		Tufted cotton-grass	8	5	40
<i>Glyceria</i>	<i>canadensis</i>			(Michx.) Trin.		Rattlesnake grass	8	3	24
<i>Bromus</i>	<i>altissimus</i>			Pursh		Broad-glumed brome	8	3	24
<i>Scheuchzeria</i>	<i>palustris</i>	var.	<i>americana</i>	L.	Fern.	Scheuchzeria	8	3	24
<i>Carex</i>	<i>brunnescens</i>	var.	<i>sphaerostachya</i>	(Pers.) Poir.	(Tuckerm.) Kuckenth.	Brownish sedge	8	3	24
<i>Carex</i>	<i>stricta</i>			Lam.		Tussock-sedge	8	3	24
<i>Cinna</i>	<i>arundinacea</i>			L.		Stout woodreed	8	1	8
<i>Muhlenbergia</i>	<i>racemosa</i>			(Michx.) BSP.		Marsh muhly grass	8	1	8
<i>Carex</i>	<i>radiata</i>			(Wahlenb.) Small		Stellate sedge	8	1	8
<b>Ferns and Fern Allies</b>									
<i>Thelypteris</i>	<i>palustris</i>			Schott		Northern marsh-fern	85	17	1445
<i>Onoclea</i>	<i>sensibilis</i>			L.		Sensitive fern	31	12	372
<i>Osmunda</i>	<i>cinnamomea</i>			L.		Cinnamon fern	31	10	310

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<i>Dryopteris</i>	<i>carthusiana</i>			(Vill.) H.P. Fuchs		Spinulose shield fern		46	4	184
<i>Equisetum</i>	<i>fluviatile</i>			L.		Water horsetail		54	2	108
<i>Dryopteris</i>	<i>crinata</i>			(L.) Gray		Crested fern		38	2	76
<i>Athyrium</i>	<i>filix-femina</i>	var.	<i>angustum</i>	(L.) Roth		Lady-fern		15	3	45
<i>Osmunda</i>	<i>regalis</i>	var.	<i>spectabilis</i>	L.	(Willd.) Gray	Royal fern		8	3	24
<i>Equisetum</i>	<i>arvense</i>			L.		Field horsetail		8	1	8

<b>Exotic Invasive Species - Do Not Plant</b>										
<i>Rhamnus</i>	<i>frangula</i>			L.		Alder buckthorn		23	63	1449
<i>Phalaris</i>	<i>arundinacea</i>			L.		Reed canary-grass		38	5	190
<i>Solanum</i>	<i>dulcamara</i>			L.		Bittersweet nightshade		8	15	120
<i>Rhamnus</i>	<i>cathartica</i>			L.		Common buckthorn		23	2	46
<i>Prunella</i>	<i>vulgaris</i>			L.		Heal-all		8	3	24
<i>Rumex</i>	<i>acetosella</i>			L.		Red sorrel		8	3	24
<i>Poa</i>	<i>pratensis</i>			L.		Kentucky bluegrass		8	1	8

<b>State Listed Rare Species - Do Not Plant Without a Permit</b>										
<i>Poa</i>	<i>paludigena</i>			Fern. & Wieg.		Bog bluegrass	T	8	5	40

<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