

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Mesic Prairie UPs23

SOUTHERN MESIC PRAIRIE										
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		50	9	450
<i>Quercus</i>	<i>macrocarpa</i>			Michx.		Bur oak		75	2	150
<i>Quercus</i>	<i>ellipsoidalis</i>			E. J. Hill		Northern pin oak		17	8	136
<i>Juniperus</i>	<i>virginiana</i>			L.		Red cedar		25	3	75
<i>Acer</i>	<i>negundo</i>			L.		Box elder		17	2	34
<i>Tilia</i>	<i>americana</i>			L.		Basswood		8	3	24
<i>Ulmus</i>	<i>rubra</i>			Muhl.		Slippery elm		8	1	8
Shrubs										
<i>Spiraea</i>	<i>alba</i>			Du Roi		Meadowsweet		17	15	255
<i>Cornus</i>	<i>racemosa</i>			Lam.		Gray dogwood		50	5	250
<i>Corylus</i>	<i>americana</i>			Walt.		American hazelnut		50	5	250
<i>Rhus</i>	<i>glabra</i>			L.		Smooth sumac		25	10	250
<i>Rosa</i>	<i>arkansana</i>			Porter		Prairie rose		58	3	174
<i>Symphoricarpos</i>	cmx.					Snowberry		25	4	100
<i>Rosa</i>	cmx.					Smooth wild rose		8	3	24
<i>Salix</i>	<i>humilis</i>			Marsh.		Prairie willow		8	3	24
<i>Prunus</i>	<i>americana</i>			Marsh.		Wild plum		17	1	17
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		8	1	8
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry		8	1	8
<i>Prunus</i>	<i>pumila</i>			L.		Sand cherry		8	1	8
<i>Rhus</i>	<i>typhina</i>			L.		Staghorn sumac		8	1	8
Low Shrubs										
<i>Amorpha</i>	<i>canescens</i>			Pursh		Lead-plant		58	10	580
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy		42	3	126
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry		8	5	40
<i>Artemisia</i>	<i>frigida</i>			Willd.		Prairie sagewort		8	3	24
<i>Amorpha</i>	<i>nana</i>			Nutt.		Fragrant false indigo		8	1	8
<i>Rubus</i>	<i>occidentalis</i>			L.		Black raspberry		8	1	8
Vines										
<i>Parthenocissus</i>	cmx.					Virginia creeper		17	3	51
<i>Clematis</i>	<i>virginiana</i>			L.		Virgin's bower		8	3	24
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape		8	3	24
Forbs										
<i>Solidago</i>	<i>rigida</i>			L.		Stiff goldenrod		58	10	580

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<i>Aster</i>	<i>oolentangiensis</i>			Riddell		Sky-blue aster	67	7	469
<i>Solidago</i>	<i>canadensis</i>			L.		Canada goldenrod	67	7	469
<i>Coreopsis</i>	<i>palmata</i>			Nutt.		Stiff tickseed	58	8	464
<i>Galium</i>	<i>boreale</i>	ssp.	<i>septentrionale</i>	L.	(Roem. & Schult.) Iltis	Northern bedstraw	42	9	378
<i>Monarda</i>	<i>fistulosa</i>			L.		Wild bergamot	50	7	350
<i>Aster</i>	<i>ericoides</i>			L.		Heath aster	58	6	348
<i>Helianthus</i>	<i>maximiliani</i>			Schrad.		Maximilian's sunflower	17	20	340
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod	33	9	297
<i>Helianthus</i>	<i>pauciflorus</i>	var.	<i>pauciflorus</i>	Nutt.		Stiff sunflower	58	5	290
<i>Ratibida</i>	<i>pinnata</i>			(Vent.) Barnh.		Gray-headed coneflower	33	7	231
<i>Artemisia</i>	<i>ludoviciana</i>			Nutt.		Western mugwort	42	5	210
<i>Comandra</i>	<i>umbellata</i>			(L.) Nutt.		Bastard toad-flax	58	3	174
<i>Veronicastrum</i>	<i>virginicum</i>			(L.) Farw.		Culver's root	58	3	174
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal	17	9	153
<i>Dalea</i>	<i>purpurea</i>			Vent.		Purple prairie-clover	50	3	150
<i>Pycnanthemum</i>	<i>virginianum</i>			(L.) Durand & Jackson		Virginia mountain-mint	50	3	150
<i>Ambrosia</i>	<i>psilostachya</i>			DC		Western ragweed	17	8	136
<i>Pedicularis</i>	<i>canadensis</i>			L.		Wood-betony	17	8	136
<i>Fragaria</i>	<i>virginiana</i>			Duchesne		Common strawberry	33	4	132
<i>Lespedeza</i>	<i>capitata</i>			Michx.		Round-headed bush-clover	42	3	126
<i>Liatris</i>	<i>aspera</i>			Michx.		Rough blazing star	42	3	126
<i>Phlox</i>	<i>pilosa</i>	ssp.	<i>fulgida</i>	L.	Wherry	Prairie phlox	42	3	126
<i>Artemisia</i>	<i>dracunculus</i>			L.		Estragon	8	15	120
<i>Cuscuta</i>	<i>spp.</i>					Dodder	8	15	120
<i>Dalea</i>	<i>candida</i>			Michx.		White prairie-clover	50	2	100
<i>Desmodium</i>	<i>canadense</i>			(L.) DC.		Canadian tick-trefoil	25	4	100
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue	25	4	100
<i>Zizia</i>	<i>aptera</i>			(Gray) Fern.		Heart-leaved alexanders	25	4	100
<i>Achillea</i>	<i>millefolium</i>			L.		Yarrow	33	3	99
<i>Liatris</i>	<i>ligulistylis</i>			(Nels.) Schum.		Northern plains blazing star	33	3	99
<i>Stachys</i>	<i>palustris</i>			L.		Woundwort	33	3	99
<i>Viola</i>	<i>pedatifida</i>			G. Don		Prairie bird-foot violet	33	3	99
<i>Cirsium</i>	<i>discolor</i>			(Muhl.) Spreng.		Field thistle	42	2	84
<i>Apocynum</i>	<i>androsaemifolium</i>			L.		Spreading dogbane	25	3	75
<i>Apocynum</i>	<i>sibiricum</i>			Jacq.		Clasping dogbane	25	3	75
<i>Asclepias</i>	<i>tuberosa</i>			L.		Butterfly-weed	25	3	75
<i>Lithospermum</i>	<i>canescens</i>			(Michx.) Lehm.		Hoary puccoon	25	3	75

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<i>Solidago</i>	<i>nemoralis</i>			Ait.		Gray goldenrod	25	3	75
<i>Zizia</i>	<i>aurea</i>			(L.) Koch		Golden alexanders	25	3	75
<i>Artemisia</i>	<i>campestris</i>			L.		Tall wormwood	17	4	68
<i>Solidago</i>	<i>missouriensis</i>			Nutt.		Missouri goldenrod	17	4	68
<i>Lathyrus</i>	<i>palustris</i>			L.		Marsh vetchling	33	2	66
<i>Antennaria</i>	<i>spp.</i>					Pussytoes	17	3	51
<i>Aster</i>	<i>lanceolatus</i>			Willd.		Panicled aster	17	3	51
<i>Aster</i>	<i>novae-angliae</i>			L.		New England aster	17	3	51
<i>Campanula</i>	<i>rotundifolia</i>			L.		Harebell	17	3	51
<i>Gentiana</i>	<i>billingtonii</i>			Farw.		Closed gentian	17	3	51
<i>Helianthus</i>	<i>giganteus</i>			L.		Giant sunflower	17	3	51
<i>Lithospermum</i>	<i>caroliniense</i>	ssp.	<i>croceum</i>	(Walt.) MacM.	(Fern.) Cusick	Hairy puccoon	17	3	51
<i>Polygala</i>	<i>sanguinea</i>			L.		Purple milkwort	17	3	51
<i>Potentilla</i>	<i>simplex</i>			Michx.		Old-field cinquefoil	17	3	51
<i>Anemone</i>	<i>cylindrica</i>			Gray		Long-headed thimbleweed	25	2	50
<i>Asclepias</i>	<i>syriaca</i>			L.		Common milkweed	25	2	50
<i>Liatris</i>	<i>pycnostachya</i>			Michx.		Gayfeather	25	2	50
<i>Oenothera</i>	<i>biennis</i>			L.		Common evening-primrose	25	2	50
<i>Rudbeckia</i>	<i>hirta</i>	var.	<i>pulcherrima</i>	L.	Farw.	Black-eyed Susan	25	2	50
<i>Euphorbia</i>	<i>corollata</i>			L.		Flowering spurge	8	5	40
<i>Kuhnia</i>	<i>eupatorioides</i>	var.	<i>corymbulosa</i>	L.	T. & G.	False boneset	8	5	40
<i>Solidago</i>	<i>ptarmicoides</i>			(Nees) Boivin		Upland white aster	8	5	40
<i>Vernonia</i>	<i>fasciculata</i>			Michx.		Bunched ironweed	8	5	40
<i>Viola</i>	<i>sagittata</i>			Ait.		Arrow-leaved violet	8	5	40
<i>Ambrosia</i>	<i>artemisiifolia</i>			L.		Common ragweed	17	2	34
<i>Heuchera</i>	<i>richardsonii</i>			R. Br.		Alum-root	17	2	34
<i>Lathyrus</i>	<i>venosus</i>	var.	<i>intonsus</i>	Muhl. ex Willd.	Butt. & St. John	Veiny pea	17	2	34
<i>Lilium</i>	<i>philadelphicum</i>	var.	<i>andinum</i>	L.	(Nutt.) Ker	Wood lily	17	2	34
<i>Physalis</i>	<i>heterophylla</i>			Nees		Clammy ground-cherry	17	2	34
<i>Potentilla</i>	<i>arguta</i>			Pursh		Tall cinquefoil	17	2	34
<i>Scutellaria</i>	<i>leonardi</i>			Epling		Leonard's skullcap	17	2	34
<i>Allium</i>	<i>stellatum</i>			Ker		Prairie wild onion	8	3	24
<i>Anemone</i>	<i>virginiana</i>			L.		Virginia thimbleweed	8	3	24
<i>Anemone</i>	<i>canadensis</i>			L.		Canada anemone	8	3	24
<i>Asclepias</i>	<i>ovalifolia</i>			Dcne.		Oval-leaved milkweed	8	3	24
<i>Aster</i>	<i>laevis</i>			L.		Smooth aster	8	3	24
<i>Astragalus</i>	<i>agrestis</i>			Dougl. ex G. Don		Field milk-vetch	8	3	24

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<i>Chrysopsis</i>	<i>villosa</i>	var.	<i>villosa</i>	(Pursh) Nutt.		Prairie golden aster	8	3	24
<i>Cirsium</i>	<i>muticum</i>			Michx.		Swamp thistle	8	3	24
<i>Cirsium</i>	<i>flodmani</i>			(Rydb.) Arthur		Prairie thistle	8	3	24
<i>Euthamia</i>	<i>graminifolia</i>			(L.) Nutt.		Grass-leaved goldenrod	8	3	24
<i>Galium</i>	<i>triflorum</i>			Michx.		Three-flowered bedstraw	8	3	24
<i>Glycyrrhiza</i>	<i>lepidota</i>			Pursh		Wild licorice	8	3	24
<i>Hedeoma</i>	<i>hispida</i>			Pursh		Mock pennyroyal	8	3	24
<i>Heliopsis</i>	<i>helianthoides</i>	ssp.	<i>occidentalis</i>	(L.) Sweet	Fisher	Ox-eye	8	3	24
<i>Hypoxis</i>	<i>hirsuta</i>			(L.) Cov.		Yellow star-grass	8	3	24
<i>Lactuca</i>	<i>spp.</i>					Wild lettuce	8	3	24
<i>Lobelia</i>	<i>spicata</i>			Lam.		Rough-spiked Lobelia	8	3	24
<i>Oxalis</i>	<i>cmx.</i>					Wood-sorrel	8	3	24
<i>Pediomelum</i>	<i>argophyllum</i>			(Pursh) Grimes		Silvery scurf-pea	8	3	24
<i>Physalis</i>	<i>virginiana</i>			Mill.		Ground-cherry	8	3	24
<i>Polygala</i>	<i>polygama</i>	var.	<i>obtusata</i>	Walt.	Chodat	Racemed milkwort	8	3	24
<i>Prenanthes</i>	<i>racemosa</i>			Michx.		Smooth rattlesnake-root	8	3	24
<i>Silphium</i>	<i>perfoliatum</i>			L.		Cup-plant	8	3	24
<i>Smilacina</i>	<i>racemosa</i>			(L.) Desf.		Racemose false Solomon's-seal	8	3	24
<i>Solidago</i>	<i>speciosa</i>			Nutt.		Showy goldenrod	8	3	24
<i>Viola</i>	<i>pedata</i>			L.		Bird-foot violet	8	3	24
<i>Viola</i>	<i>cm4</i>					Violet	8	3	24
<i>Viola</i>	<i>cm1</i>					Violet	8	3	24
<i>Allium</i>	<i>canadense</i>			L.		Wild garlic	8	1	8
<i>Astragalus</i>	<i>canadensis</i>			L.		Canada milk-vetch	8	1	8
<i>Conyza</i>	<i>canadensis</i>			(L.) Cronq.		Horseweed	8	1	8
<i>Erigeron</i>	<i>strigosus</i>			Muhl.		Daisy fleabane	8	1	8
<i>Geum</i>	<i>triflorum</i>			Pursh		Prairie smoke	8	1	8
<i>Helenium</i>	<i>autumnale</i>			L.		Autumn sneezeweed	8	1	8
<i>Krigia</i>	<i>biflora</i>			(Walt.) Blake		Two-flowered Cynthia	8	1	8
<i>Mirabilis</i>	<i>hirsuta</i>			(Pursh) MacM.		Hairy four-o'clock	8	1	8
<i>Polygonatum</i>	<i>biflorum</i>			(Walter) Elliott		Giant Solomon's-seal	8	1	8
<i>Sisyrinchium</i>	<i>campestre</i>			Bickn.		Field blue-eyed grass	8	1	8
<i>Tradescantia</i>	<i>bracteata</i>			Small		Bracted spiderwort	8	1	8
<i>Vicia</i>	<i>americana</i>			Muhl. ex Willd.		American vetch	8	1	8

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Grasses, Rushes and Sedges											
<i>Andropogon</i>	<i>gerardii</i>			Vitman		Big bluestem			100	30	3000
<i>Sorghastrum</i>	<i>nutans</i>			(L.) Nash		Indian grass			100	21	2100
<i>Stipa</i>	<i>spartea</i>			Trin.		Porcupine-grass			33	21	693
<i>Sporobolus</i>	<i>heterolepis</i>			(Gray) Gray		Prairie dropseed			42	13	546
<i>Schizachyrium</i>	<i>scoparium</i>			(Michx.) Nash		Little bluestem			33	13	429
<i>Carex</i>	<i>bicknellii</i>			Britt.		Bicknell's sedge			33	6	198
<i>Panicum</i>	<i>oligosanthes</i>			Schultes		Few-flowered panic grass			33	4	132
<i>Spartina</i>	<i>pectinata</i>			Link		Prairie cord-grass			33	4	132
<i>Carex</i>	<i>muhlenbergii</i>			Schkuhr ex Willd.		Muhlenberg's sedge			8	15	120
<i>Panicum</i>	<i>leibergii</i>			(Vasey) Scribn.		Leiberg's panic grass			33	3	99
<i>Panicum</i>	<i>virgatum</i>			L.		Switchgrass			17	4	68
<i>Carex</i>	<i>meadii</i>			Dewey		Mead's sedge			17	3	51
<i>Carex</i>	<i>tenera</i>			Dewey		Marsh-straw sedge			17	3	51
<i>Bromus</i>	<i>kalmii</i>			Gray		Kalm's brome			25	2	50
<i>Elymus</i>	<i>wiegandii</i>			Fern.		Canada wild rye			25	2	50
<i>Muhlenbergia</i>	<i>mexicana</i>			(L.) Trin.		Mexican satin-grass			8	5	40
<i>Muhlenbergia</i>	<i>glomerata</i>			(Willd.) Trin.		Clustered muhly grass			8	5	40
<i>Koeleria</i>	<i>pyramidata</i>			(Lam.) P. Beauv.		June-grass			17	2	34
<i>Juncus</i>	<i>greenei</i>			Oakes & Tuckerm.		Greene's rush			17	2	34
<i>Elymus</i>	<i>trachycaulus</i>			(Link) Gould.		Slender wheatgrass			8	3	24
<i>Eragrostis</i>	<i>spectabilis</i>			(Pursh) Steud.		Purple lovegrass			8	3	24
<i>Muhlenbergia</i>	<i>frondosa</i>			(Poir.) Fern.		Swamp satin-grass			8	3	24
<i>Muhlenbergia</i>	<i>racemosa</i>			(Michx.) BSP.		Marsh muhly grass			8	3	24
<i>Panicum</i>	<i>perlongum</i>			Nash		Long-leaved panic grass			8	3	24
<i>Panicum</i>	<i>commonsianum</i>			Ashe		White-haired panic grass			8	3	24
<i>Panicum</i>	<i>capillare</i>			L.		Witch grass			8	3	24
<i>Carex</i>	<i>scoparia</i>			Schkuhr ex Willd.		Pointed-broom sedge			8	3	24
<i>Carex</i>	<i>siccata</i>			Dewey		Hay sedge			8	3	24
Ferns and Fern Allies											
<i>Equisetum</i>	<i>laevigatum</i>			A. Br.		Smooth scouring-rush			25	2	50
<i>Equisetum</i>	<i>hyemale</i>	var.	<i>affine</i>	L.	(Engelm.) A. A. Eat.	Tall scouring-rush			8	3	24

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<i>Equisetum</i>	<i>arvense</i>		L.	Field horsetail		8	1	8
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Exotic Invasive Species - Do Not Plant								
<i>Poa</i>	<i>pratensis</i>		L.	Kentucky bluegrass		83	20	1660
<i>Melilotus</i>	<i>spp.</i>			Sweet clover		17	9	153
<i>Bromus</i>	<i>inermis</i>		Leyss.	Smooth brome		25	4	100
<i>Elytrigia</i>	<i>repens</i>		(L.) Nevski	Quack grass		17	5	85
<i>Rhamnus</i>	<i>cathartica</i>		L.	Common buckthorn		17	3	51
<i>Setaria</i>	<i>glauca</i>		(L.) Beauv.	Yellow foxtail		17	3	51
<i>Phalaris</i>	<i>arundinacea</i>		L.	Reed canary-grass		8	5	40
<i>Poa</i>	<i>compressa</i>		L.	Canada bluegrass		8	5	40
<i>Hieracium</i>	<i>kalmii</i>		L.	Hawkweed		17	2	34
<i>Lonicera</i>	<i>tatarica</i>		L.	Tartarian Honeysuckle		8	3	24
<i>Asparagus</i>	<i>officinalis</i>		L.	Asparagus		8	3	24
<i>Taraxacum</i>	<i>spp.</i>			Common dandelion		8	3	24
<i>Phleum</i>	<i>pratense</i>		L.	Cultivated timothy		8	3	24
<i>Cirsium</i>	<i>arvense</i>		(L.) Scop.	Canada thistle		8	1	8
<i>Polygonum</i>	<i>convolvulus</i>		L.	Black bindweed		8	1	8
<i>Prunella</i>	<i>vulgaris</i>		L.	Heal-all		8	1	8
<i>Tragopogon</i>	<i>dubius</i>		Scop.	Yellow goat's-beard		8	1	8
<i>Trifolium</i>	<i>pratense</i>		L.	Red clover		8	1	8
<i>Vicia</i>	<i>angustifolia</i>		L.	Narrow-leaved vetch		8	1	8

State Listed Rare Species - Do Not Plant Without a Permit								
<i>Eryngium</i>	<i>yuccifolium</i>		Michx.	Rattlesnake-master	SC	17	4	68

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: Total percent cover of species divided by number of releve plots in which species occurred

⁵Index of Commonness: Frequency multiplied by Abundance