

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

Type: Dry Barrens Oak Savanna (Southern) UPs14a

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>Quercus</i>	<i>ellipsoidalis</i>			E. J. Hill		Northern pin oak		8	15	120
<i>Quercus</i>	<i>macrocarpa</i>			Michx.		Bur oak		8	15	120
Understory Trees										
<i>Quercus</i>	<i>macrocarpa</i>			Michx.		Bur oak		83	26	2158
<i>Quercus</i>	<i>ellipsoidalis</i>			E. J. Hill		Northern pin oak		67	21	1407
<i>Prunus</i>	<i>serotina</i>			Ehrh.		Black cherry		17	3	51
<i>Juniperus</i>	<i>virginiana</i>			L.		Red cedar		25	2	50
<i>Pinus</i>	<i>banksiana</i>			Lamb.		Jack pine		8	5	40
<i>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		8	1	8
Shrubs										
<i>Rhus</i>	<i>glabra</i>			L.		Smooth sumac		33	10	330
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry		50	5	250
<i>Corylus</i>	<i>americana</i>			Walt.		American hazelnut		42	3	126
<i>Amelanchier</i>	<i>cmx.</i>					Juneberry		33	3	99
<i>Rosa</i>	<i>arkansana</i>			Porter		Prairie rose		33	3	99
<i>Zanthoxylum</i>	<i>americanum</i>			Mill.		Prickly ash		25	3	75
<i>Prunus</i>	<i>pumila</i>			L.		Sand cherry		17	4	68
<i>Salix</i>	<i>humilis</i>			Marsh.		Prairie willow		17	3	51
<i>Amelanchier</i>	<i>laevis</i>			Wieg.		Smooth juneberry		8	3	24
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		8	3	24
<i>Prunus</i>	<i>americana</i>			Marsh.		Wild plum		8	3	24
Low Shrubs										
<i>Amorpha</i>	<i>canescens</i>			Pursh		Lead-plant		67	6	402
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy		25	3	75
<i>Artemisia</i>	<i>frigida</i>			Willd.		Prairie sagewort		8	3	24
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry		8	3	24
Vines										
<i>Parthenocissus</i>	<i>cmx.</i>					Virginia creeper		50	3	150
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape		25	2	50
Forbs										
<i>Ambrosia</i>	<i>psilostachya</i>			DC		Western ragweed		92	10	920
<i>Solidago</i>	<i>nemoralis</i>			Ait.		Gray goldenrod		83	5	415
<i>Artemisia</i>	<i>ludoviciana</i>			Nutt.		Western mugwort		75	5	375

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

Temperate Dry Barrens Oak Savanna (Savanna) UPs14

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
<i>Lithospermum</i>	<i>caroliniense</i>	ssp.	<i>croceum</i>	(Walt.) MacM.	(Fern.) Cusick	Hairy puccoon		92	3	276
<i>Helianthemum</i>	<i>bicknellii</i>			Fern.		Hoary frostweed		67	4	268
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal		42	6	252
<i>Chrysopsis</i>	<i>villosa</i>	var.	<i>villosa</i>	(Pursh) Nutt.		Prairie golden aster		67	3	201
<i>Asclepias</i>	<i>syriaca</i>			L.		Common milkweed		33	6	198
<i>Dalea</i>	<i>villosa</i>	var.	<i>villosa</i>	(Nutt.) Sprengel.		Silky prairie-clover		33	6	198
<i>Conyza</i>	<i>canadensis</i>			(L.) Cronq.		Horseweed		67	3	201
<i>Penstemon</i>	<i>grandiflorus</i>			Nutt.		Large-flowered beard-tongue		50	3	150
<i>Physalis</i>	<i>virginiana</i>			Mill.		Ground-cherry		67	3	201
<i>Viola</i>	<i>pedatifida</i>			G. Don		Prairie bird-foot violet		50	3	150
<i>Euphorbia</i>	<i>glyptosperma</i>			Engelm.		Ridge-seeded spurge		33	4	132
<i>Solidago</i>	<i>missouriensis</i>			Nutt.		Missouri goldenrod		33	4	132
<i>Dalea</i>	<i>purpurea</i>	var.	<i>purpurea</i>	Vent.		Purple prairie-clover		50	3	150
<i>Polygonum</i>	<i>tenue</i>			Michx.		Slender knotweed		42	3	126
<i>Comandra</i>	<i>umbellata</i>			(L.) Nutt.		Bastard toad-flax		42	3	126
<i>Phlox</i>	<i>pilosa</i>	ssp.	<i>fulgida</i>	L.	Wherry	Prairie phlox		8	15	120
<i>Anemone</i>	<i>cylindrica</i>			Gray		Long-headed thimbleweed		50	2	100
<i>Liatris</i>	<i>aspera</i>			Michx.		Rough blazing star		42	3	126
<i>Smilax</i>	<i>cmx.</i>					Carrion-flower		42	3	126
<i>Solidago</i>	<i>speciosa</i>			Nutt.		Showy goldenrod		33	3	99
<i>Aster</i>	<i>ericoides</i>			L.		Heath aster		33	3	99
<i>Aster</i>	<i>oolentangiensis</i>			Riddell		Sky-blue aster		33	3	99
<i>Mirabilis</i>	<i>hirsuta</i>			(Pursh) MacM.		Hairy four-o'clock		33	3	99
<i>Coreopsis</i>	<i>palmata</i>			Nutt.		Stiff tickseed		33	3	99
<i>Chenopodium</i>	<i>desiccatum</i>			Nels.		Narrow-leaved lamb's quarters		33	3	99
<i>Tradescantia</i>	<i>occidentalis</i>			(Britt.) Smyth		Western spiderwort		33	3	99
<i>Rudbeckia</i>	<i>hirta</i>	var.	<i>pulcherrima</i>	L.	Farw.	Black-eyed Susan		25	3	75
<i>Hedeoma</i>	<i>hispida</i>			Pursh		Mock pennyroyal		25	3	75
<i>Asclepias</i>	<i>tuberosa</i>			L.		Butterfly-weed		25	3	75
<i>Fragaria</i>	<i>virginiana</i>			Duchesne		Common strawberry		17	4	68
<i>Helianthus</i>	<i>pauciflorus</i>	var.	<i>pauciflorus</i>	Nutt.		Stiff sunflower		25	2	50
<i>Lechea</i>	<i>stricta</i>			Leggett		Prairie pinweed		25	2	50
<i>Lepidium</i>	<i>densiflorum</i>			Schrad.		Green-flowered pepper-grass		42	1	42

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

Temperate Dry Barrens Oak Savanna (Southern) UPs14

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
<i>Gnaphalium</i>	<i>obtusifolium</i>			L.		Sweet everlasting		17	3	51
<i>Ranunculus</i>	<i>rhomboideus</i>			Goldie		Prairie buttercup		17	3	51
<i>Achillea</i>	<i>millefolium</i>			L.		Yarrow		17	3	51

<i>Potentilla</i>	<i>arguta</i>			Pursh		Tall cinquefoil		17	3	51
<i>Lithospermum</i>	<i>canescens</i>			(Michx.) Lehm.		Hoary puccoon		33	2	66
<i>Polygonatum</i>	<i>biflorum</i>			(Walter) Elliott		Giant Solomon's-seal		17	3	51
<i>Physalis</i>	<i>heterophylla</i>			Nees		Clammy ground-cherry		8	5	40
<i>Linaria</i>	<i>canadensis</i>			(L.) Dum.		Blue toadflax		8	5	40
<i>Oenothera</i>	<i>biennis</i>			L.		Common evening-primrose		17	2	34
<i>Asclepias</i>	<i>viridiflora</i>			Raf.		Green milkweed		17	2	34
<i>Scutellaria</i>	<i>leonardi</i>			Epling		Leonard's skullcap		17	2	34
<i>Arabis</i>	<i>divaricarpa</i>			Nels.		Spreading rock-cress		17	2	34
<i>Plantago</i>	<i>patagonica</i>			Jacq.		Pursh's plantain		17	2	34
<i>Amphicarpaea</i>	<i>bracteata</i>			(L.) Fern.		Hog-peanut		8	3	24
<i>Polygala</i>	<i>polygama</i>	var.	<i>obtusata</i>	Walt.	Chodat	Racemed milkwort		8	3	24
<i>Lathyrus</i>	<i>venosus</i>	var.	<i>intonsus</i>	Muhl. ex Willd.	Butt. & St. John	Veiny pea		8	3	24
<i>Euthamia</i>	<i>graminifolia</i>			(L.) Nutt.		Grass-leaved goldenrod		8	3	24
<i>Froelichia</i>	<i>floridana</i>	var.	<i>campestris</i>	(Nutt.) Moq.	(Small) Fern.	Prairie cottonweed		8	3	24
<i>Erigeron</i>	<i>strigosus</i>			Muhl.		Daisy fleabane		8	3	24
<i>Erigeron</i>	<i>annuus</i>			(L.) Pers.		Annual fleabane		8	3	24
<i>Linum</i>	<i>sulcatum</i>			Riddell		Grooved yellow flax		8	3	24
<i>Lespedeza</i>	<i>capitata</i>			Michx.		Round-headed bush-clover		8	3	24
<i>Penstemon</i>	<i>gracilis</i>			Nutt.		Slender beard-tongue		8	3	24
<i>Cerastium</i>	<i>arvense</i>			L.		Field chickweed		8	3	24
<i>Solidago</i>	<i>rigida</i>			L.		Stiff goldenrod		8	3	24
<i>Sisyrinchium</i>	<i>campestre</i>			Bickn.		Field blue-eyed grass		8	3	24
<i>Silene</i>	<i>antirrhina</i>			L.		Sleepy catchfly		8	3	24
<i>Artemisia</i>	<i>campestris</i>			L.		Tall wormwood		8	3	24
<i>Polygonella</i>	<i>articulata</i>			(L.) Meisn.		Coast jointweed		8	3	24
<i>Asclepias</i>	<i>ovalifolia</i>			Dcne.		Oval-leaved milkweed		8	3	24
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod		8	3	24
<i>Antennaria</i>	<i>spp.</i>					Pussytoes		8	3	24

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

Temperate Dry Barrens Oak Savanna (Savanna) UPs14

Genus	Species	Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
<i>Geum</i>	<i>triflorum</i>		Pursh (Muhl.)		Prairie smoke		17	1	17
<i>Cirsium</i>	<i>discolor</i>		Spreng.		Field thistle		8	1	8
<i>Euphorbia</i>	<i>geyeri</i>		Engelm.		Geyer's spurge		8	1	8
<i>Artemisia</i>	<i>dracunculus</i>		L.		Tarragon		8	1	8

Grasses, Rushes and Sedges									
Genus	Species	Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
<i>Stipa</i>	<i>spartea</i>		Trin.		Porcupine-grass		100	11	1100
<i>Sorghastrum</i>	<i>nutans</i>		(L.) Nash		Indian grass		50	17	850
<i>Carex</i>	<i>siccata</i>		Dewey		Hay sedge		42	18	756
<i>Andropogon</i>	<i>gerardii</i>		Vitman		Big bluestem		67	7	469
<i>Schizachyrium</i>	<i>scoparium</i>		(Michx.) Nash		Little bluestem		67	7	469
<i>Koeleria</i>	<i>pyramidata</i>		(Lam.) P. Beauv.		June-grass		75	5	375
<i>Calamovilfa</i>	<i>longifolia</i>		(Hook.) Scribn.		Sand reed-grass		58	7	406
<i>Carex</i>	<i>muhlenbergii</i>		Schkuhr ex Willd.		Muhlenberg's sedge		50	7	350
<i>Panicum</i>	<i>oligosanthes</i>		Schultes		Few-flowered panic grass		33	9	297
<i>Cyperus</i>	<i>schweinitzii</i>		Torr.		Schweinitz' cyperus		75	4	300
<i>Leptoloma</i>	<i>cognatum</i>		(Schultes) Chase		Fall witch grass		33	7	231
<i>Carex</i>	<i>pennsylvanica</i>		Lam.		Pennsylvania sedge		33	7	231
<i>Panicum</i>	<i>virgatum</i>		L.		Switchgrass		50	4	200
<i>Bouteloua</i>	<i>hirsuta</i>		Lag.		Hairy grama		58	3	174
<i>Eragrostis</i>	<i>spectabilis</i>		(Pursh) Steud.		Purple lovegrass		67	3	201
<i>Sporobolus</i>	<i>cryptandrus</i>		(Torr.) Gray		Sand dropseed		42	4	168
<i>Panicum</i>	<i>perlongum</i>		Nash		Long-leaved panic grass		33	4	132
<i>Cyperus</i>	<i>lupulinus</i>		(Spreng.) Marcks		Hop-like cyperus		42	3	126
<i>Aristida</i>	<i>basiramea</i>		Engelm.		Base-branched three-awn		25	4	100
<i>Panicum</i>	<i>lanuginosum</i>		Ell.		Hairy panic grass		25	3	75
<i>Sporobolus</i>	<i>heterolepis</i>		(Gray) Gray		Prairie dropseed		17	3	51
<i>Panicum</i>	<i>linearifolium</i>		Scribn.		Linear-leaved panic grass		8	5	40
<i>Panicum</i>	<i>commonsianum</i>		Ashe		White-haired panic grass		8	5	40

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

Temperate Dry Barrens Oak Savanna (Savanna) UPs14

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
<i>Vulpia</i>	<i>octoflora</i>	var.	<i>glauca</i>	(Walt.) Rydb.	(Nutt.) Fern.	Eight-week fescue		8	3	24
<i>Agrostis</i>	<i>hyemalis</i>	var.	<i>scabra</i>	(Willd.) Blomq.		Rough bent-grass		8	3	24
<i>Cenchrus</i>	<i>longispinus</i>			(Hackel) Fern.		Sandbur		8	3	24
<i>Bouteloua</i>	<i>curtipendula</i>			(Michx.) Torr.		Side-oats grama		8	3	24
<i>Carex</i>	<i>pennsylvanica</i>	var.	<i>digyna</i>	Lam.	Boeckeler	Sunshine sedge		8	3	24
<i>Carex</i>	<i>umbellata</i>			Schkuhr ex Willd.		Umbel sedge		8	3	24
<i>Panicum</i>	<i>capillare</i>			L.		Witch grass		8	1	8
<i>Paspalum</i>	<i>setaceum</i>			Michx.		Hairy beadgrass				
Ferns and Fern Allies										
<i>Selaginella</i>	<i>rupestris</i>			(L.) Spring		Rock spikemoss		42	8	336
<i>Equisetum</i>	<i>hyemale</i>	var.	<i>affine</i>	L.	(Engelm.) A. A. Eat.	Tall scouring-rush		8	3	24
<i>Equisetum</i>	<i>laevigatum</i>			A. Br.		Smooth scouring-rush		8	3	24
<i>Botrychium</i>	<i>multifidum</i>			(S. G. Gmel.) Rupr.		Leathery grapefern		8	1	8
Exotic Invasive Species - Do Not Plant										
<i>Poa</i>	<i>pratensis</i>			L.		Kentucky bluegrass		50	13	650
<i>Mollugo</i>	<i>verticillata</i>			L.		Carpet-weed		25	4	100
<i>Lonicera</i>	<i>tatarica</i>			L.		Tartarian Honeysuckle		25	2	50
<i>Asparagus</i>	<i>officinalis</i>			L.		Asparagus		17	3	51
<i>Potentilla</i>	<i>argentea</i>			L.		Silvery cinquefoil		8	5	40
<i>Berteroa</i>	<i>incana</i>			(L.) DC.		Hoary alyssum		8	5	40
<i>Tragopogon</i>	<i>dubius</i>			Scop.		Yellow goat's-beard		17	2	34
<i>Rhamnus</i>	<i>cathartica</i>			L.		Common buckthorn		8	3	24
<i>Rumex</i>	<i>acetosella</i>			L.		Red sorrel		8	3	24
<i>Bromus</i>	<i>tectorum</i>			L.		Cheatgrass		8	3	24
<i>Poa</i>	<i>compressa</i>			L.		Canada bluegrass		8	3	24
<i>Bromus</i>	<i>inermis</i>			Leyss.		Smooth brome		8	1	8
State Listed Rare Species - Do Not Plant Without a Permit										
<i>Aristida</i>	<i>tuberculosa</i>			Nutt.		Sea-beach needle-grass	SC	8	5	40

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry Savanna UPs14

~~Temperate Deciduous Forest Community (Southern) UPs14~~

Genus	Species		Variety or Subspecies	Species Author	Variety or Subspecies Author	Common Name	² Rarity Status	³ Freq	⁴ Abund	⁵ Index
-------	---------	--	-----------------------	----------------	------------------------------	-------------	----------------------------	-------------------	--------------------	--------------------

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