

SOUTHERN DRY PRAIRIE, DRY BEDROCK BLUFF PRAIRIE (SOUTHERN) TYPE										
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>Understory Trees</b>										
<i>Juniperus</i>	<i>virginiana</i>			L.		Red cedar		78	7	546
<i>Quercus</i>	<i>macrocarpa</i>			Michx.		Bur oak		33	4	132
<i>Quercus</i>	<i>ellipsoidalis</i>			E. J. Hill		Northern pin oak		22	2	44
<i>Prunus</i>	<i>serotina</i>			Ehrh.		Black cherry		22	2	44
<i>Juglans</i>	<i>nigra</i>			L.		Black walnut		11	3	33
<i>Ulmus</i>	<i>americana</i>			L.		American elm		11	3	33
<i>Celtis</i>	<i>occidentalis</i>			L.		Hackberry		11	3	33
<b>Shrubs</b>										
<i>Rhus</i>	<i>glabra</i>			L.		Smooth sumac		44	3	132
<i>Rosa</i>	<i>cmx</i>					Smooth wild rose		11	5	55
<i>Rhus</i>	<i>typhina</i>			L.		Staghorn sumac		11	3	33
<i>Salix</i>	<i>humilis</i>			Marsh.		Prairie willow		11	3	33
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		11	3	33
<i>Ribes</i>	<i>missouriense</i>			Nutt.		Missouri gooseberry		11	3	33
<i>Prunus</i>	<i>americana</i>			Marsh.		Wild plum		11	1	11
<i>Zanthoxylum</i>	<i>americanum</i>			Mill.		Prickly ash		11	1	11
<b>Low Shrubs</b>										
<i>Amorpha</i>	<i>canescens</i>			Pursh		Lead-plant		56	5	280
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy		22	3	66
<i>Rubus</i>	<i>occidentalis</i>			L.		Black raspberry		11	3	33
<b>Vines</b>										
<i>Celastrus</i>	<i>scandens</i>			L.		Climbing bittersweet		22	2	44
<i>Parthenocissus</i>	<i>cmx.</i>					Virginia creeper		11	3	33
<b>Forbs</b>										
<i>Erigeron</i>	<i>strigosus</i>			Muhl.		Daisy fleabane		78	9	702
<i>Ambrosia</i>	<i>psilostachya</i>			DC		Western ragweed		11	38	418
<i>Aster</i>	<i>sericeus</i>			Vent.		Silky aster		67	6	402
<i>Comandra</i>	<i>umbellata</i>			(L.) Nutt.		Bastard toad-flax		44	8	352
<i>Antennaria</i>	<i>spp.</i>					Pussytoes		67	5	335
<i>Campanula</i>	<i>rotundifolia</i>			L.		Harebell		78	4	312
<i>Dalea</i>	<i>purpurea</i>			Vent.		Purple prairie-clover		78	4	312
<i>Senecio</i>	<i>plattensis</i>			Nutt.		Prairie ragwort		56	4	224

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

**Class: Southern Dry Prairie UPs13**

**Type: Dry Bedrock Bluff Prairie (Southern) UPs13c**

<i>Asclepias</i>	<i>verticillata</i>			L.		Whorled milkweed	67	3	201
<i>Aster</i>	<i>oolentangiensis</i>			Riddell		Sky-blue aster	56	4	224
<i>Euphorbia</i>	<i>corollata</i>			L.		Flowering spurge	56	3	168
<i>Lithospermum</i>	<i>incisum</i>			Lehm.		Narrow-leaved puccoon	56	3	168
<i>Hedeoma</i>	<i>hispida</i>			Pursh		Mock pennyroyal	56	3	168
<i>Viola</i>	<i>pedatifida</i>			G. Don		Prairie bird-foot violet	56	3	168
<i>Solidago</i>	<i>nemoralis</i>			Ait.		Gray goldenrod	44	4	176
<i>Oxalis</i>	<i>cmx.</i>					Wood-sorrel	56	3	168
<i>Plantago</i>	<i>aristata</i>			Michx.		Bracted plantain	11	15	165
<i>Coreopsis</i>	<i>palmata</i>			Nutt.		Stiff tickseed	11	15	165
<i>Aster</i>	<i>ericoides</i>			L.		Heath aster	44	3	132
<i>Delphinium</i>	<i>carolinianum</i>			Walter		Prairie larkspur	44	3	132
<i>Physalis</i>	<i>virginiana</i>			Mill.		Ground-cherry	56	2	112
<i>Anemone</i>	<i>cylindrica</i>			Gray		Long-headed thimbleweed	56	2	112
<i>Monarda</i>	<i>fistulosa</i>			L.		Wild bergamot	33	4	132
<i>Dalea</i>	<i>candida</i>			Michx.		White prairie-clover	44	3	132
<i>Hypericum</i>	<i>perforatum</i>			L.		Common St. John's-wort	22	5	110
<i>Viola</i>	<i>pedata</i>			L.		Bird-foot violet	33	3	99
<i>Potentilla</i>	<i>arguta</i>			Pursh		Tall cinquefoil	33	3	99
<i>Mirabilis</i>	<i>hirsuta</i>			(Pursh) MacM.		Hairy four-o'clock	33	3	99
<i>Scutellaria</i>	<i>leonardi</i>			Epling		Leonard's skullcap	22	4	88
<i>Liatris</i>	<i>aspera</i>			Michx.		Rough blazing star	22	4	88
<i>Liatris</i>	<i>punctata</i>			Hook.		Dotted blazing star	22	4	88
<i>Helianthemum</i>	<i>bicknellii</i>			Fern.		Hoary frostweed	22	4	88
<i>Lobelia</i>	<i>spicata</i>			Lam.		Rough-spiked Lobelia	33	2	66
<i>Lithospermum</i>	<i>carolinense</i>	ssp.	<i>croceum</i>	(Walt.) MacM.	(Fern.) Cusick	Hairy puccoon	22	3	66
<i>Linum</i>	<i>sulcatum</i>			Riddell		Grooved yellow flax	22	3	66
<i>Asclepias</i>	<i>tuberosa</i>			L.		Butterfly-weed	22	3	66
<i>Ambrosia</i>	<i>artemisiifolia</i>			L.		Common ragweed	22	3	66
<i>Solidago</i>	<i>canadensis</i>			L.		Canada goldenrod	22	3	66
<i>Solidago</i>	<i>rigida</i>			L.		Stiff goldenrod	22	3	66
<i>Heuchera</i>	<i>richardsonii</i>			R. Br.		Alum-root	22	3	66
<i>Pycnanthemum</i>	<i>virginianum</i>			(L.) Durand & Jackson		Virginia mountain-mint	11	5	55
<i>Lysimachia</i>	<i>ciliata</i>			L.		Fringed loosestrife	11	5	55
<i>Sisyrinchium</i>	<i>campestre</i>			Bickn.		Field blue-eyed grass	11	5	55

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<i>Helianthus</i>	<i>pauciflorus</i>	var.	<i>pauciflorus</i>	Nutt.		Stiff sunflower	11	5	55
<i>Zizia</i>	<i>aptera</i>			(Gray) Fern.		Heart-leaved alexanders	11	5	55
<i>Aster</i>	<i>laevis</i>			L.		Smooth aster	11	5	55
<i>Cirsium</i>	<i>discolor</i>			(Muhl.) Spreng.		Field thistle	33	2	66
<i>Oenothera</i>	<i>biennis</i>			L.		Common evening-primrose	22	2	44
<i>Achillea</i>	<i>millefolium</i>			L.		Yarrow	22	2	44
<i>Lactuca</i>	<i>spp.</i>					Wild lettuce	22	2	44
<i>Conyza</i>	<i>canadensis</i>			(L.) Cronq.		Horseweed	22	2	44
<i>Kuhnia</i>	<i>eupatorioides</i>	var.	<i>corymbulosa</i>	L.	T. & G.	False boneset	11	3	33
<i>Tradescantia</i>	<i>occidentalis</i>			(Britt.) Smyth		Western spiderwort	11	3	33
<i>Solidago</i>	<i>speciosa</i>			Nutt.		Showy goldenrod	11	3	33
<i>Euphorbia</i>	<i>glyptosperma</i>			Engelm.		Ridge-seeded spurge	11	3	33
<i>Aquilegia</i>	<i>canadensis</i>			L.		Columbine	11	3	33
<i>Oxalis</i>	<i>violacea</i>			L.		Violet wood-sorrel	11	3	33
<i>Desmodium</i>	<i>illinoense</i>			Gray		Illinois tick-trefoil	11	3	33
<i>Gnaphalium</i>	<i>obtusifolium</i>			L.		Sweet everlasting	11	3	33
<i>Penstemon</i>	<i>grandiflorus</i>			Nutt.		Large-flowered beard-tongue	11	3	33
<i>Euphorbia</i>	<i>maculata</i>			L.		Prostrate hairy spurge	11	3	33
<i>Calylophus</i>	<i>serrulata</i>			(Nutt.) Raven		Toothed evening primrose	11	3	33
<i>Pediomelum</i>	<i>esculentum</i>			(Pursh) Rydb.		Prairie-turnip	11	3	33
<i>Asclepias</i>	<i>viridiflora</i>			Raf.		Green milkweed	11	3	33
<i>Polygala</i>	<i>polygama</i>	var.	<i>obtusata</i>	Walt.	Chodat	Racemed milkwort	11	3	33
<i>Liatris</i>	<i>cylindracea</i>			Michx.		Cylindric blazing star	11	3	33
<i>Lespedeza</i>	<i>capitata</i>			Michx.		Round-headed bush-clover	11	3	33
<i>Asclepias</i>	<i>syriaca</i>			L.		Common milkweed	11	3	33
<i>Pediomelum</i>	<i>argophyllum</i>			(Pursh) Grimes		Silvery scurf-pea	11	3	33
<i>Astragalus</i>	<i>crassicaarpus</i>			Nutt.		Buffalo-bean	11	3	33
<i>Silene</i>	<i>antirrhina</i>			L.		Sleepy catchfly	11	3	33
<i>Arenaria</i>	<i>stricta</i>	var.	<i>litorea</i>	Michx.	(Fern.) B. Boivin	Rock sandwort	11	3	33
<i>Arabis</i>	<i>lyrata</i>			L.		Lyre-leaved rock-cress	11	3	33
<i>Lechea</i>	<i>stricta</i>			Leggett		Prairie pinweed	11	3	33
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal	11	3	33
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod	11	3	33
<i>Scutellaria</i>	<i>parvula</i>			Michx.		Prairie skullcap	11	3	33
<i>Cirsium</i>	<i>altissimum</i>			(L.) Spreng.		Tall thistle	11	1	11

<i>Oenothera</i>	<i>clelandii</i>			Dietr., Raven & Wagner		Cleland's evening-primrose	11	1	11
<i>Agalinis</i>	<i>tenuifolia</i>			(Vahl) Raf.		Slender-leaved gerardia	11	1	11
<i>Aster</i>	<i>drummondii</i>			Lindl.		Drummond's aster	11	1	11
<i>Anemone</i>	<i>virginiana</i>			L.		Virginia thimbleweed	11	1	11
<i>Polanisia</i>	<i>dodecandra</i>			(L.) DC.		Clammy weed	11	1	11
<i>Viola</i>	<i>cm1</i>					Violet	11	1	11

<b>Grasses, Rushes and Sedges</b>									
<i>Schizachyrium</i>	<i>scoparium</i>			(Michx.) Nash		Little bluestem	100	19	1900
<i>Bouteloua</i>	<i>curtipendula</i>			(Michx.) Torr.		Side-oats grama	100	14	1400
<i>Sporobolus</i>	<i>heterolepis</i>			(Gray) Gray		Prairie dropseed	67	15	1005
<i>Bouteloua</i>	<i>hirsuta</i>			Lag.		Hairy grama	67	10	670
<i>Andropogon</i>	<i>gerardii</i>			Vitman		Big bluestem	100	5	500
<i>Muhlenbergia</i>	<i>cuspidata</i>			(Torr.) Rydb.		Plains muhly	56	8	448
<i>Stipa</i>	<i>spartea</i>			Trin.		Porcupine-grass	56	6	336
<i>Sorghastrum</i>	<i>nutans</i>			(L.) Nash		Indian grass	33	7	231
<i>Cyperus</i>	<i>schweinitzii</i>			Torr.		Schweinitz' cyperus	22	9	198
<i>Eragrostis</i>	<i>spectabilis</i>			(Pursh) Steud.		Purple lovegrass	11	15	165
<i>Panicum</i>	<i>oligosanthes</i>			Schultes		Few-flowered panic grass	33	4	132
<i>Panicum</i>	<i>wilcoxianum</i>			Vasey		Wilcox's panic grass	22	4	88
<i>Calamovilfa</i>	<i>longifolia</i>			(Hook.) Scribn.		Sand reed-grass	22	3	66
<i>Panicum</i>	<i>perlongum</i>			Nash		Long-leaved panic grass	22	3	66
<i>Panicum</i>	<i>linearifolium</i>			Scribn.		Linear-leaved panic grass	11	5	55
<i>Panicum</i>	<i>leibergii</i>			(Vasey) Scribn.		Leiberg's panic grass	11	5	55
<i>Carex</i>	<i>pennsylvanica</i>	var.	<i>digyna</i>	Lam.	Boeckeler	Sunshine sedge	11	5	55
<i>Sporobolus</i>	<i>asper</i>			(Michx.) Kunth		Rough dropseed	11	3	33
<i>Panicum</i>	<i>columbianum</i>			Scribn.		Columbian panic grass	11	3	33
<i>Cyperus</i>	<i>lupulinus</i>			(Spreng.) Marcks		Hop-like cyperus	11	3	33
<i>Elymus</i>	<i>wiegandii</i>			Fern.		Canada wild rye	11	1	11
<b>Ferns and Fern Allies</b>									
<i>Equisetum</i>	<i>hyemale</i>	var.	<i>affine</i>	L.	(Engelm.) A. A. Eat.	Tall scouring-rush	22	4	88

<b>Exotic Invasive Species - Do Not Plant</b>									
<i>Poa</i>	<i>pratensis</i>			L.	Kentucky bluegrass		78	10	780
<i>Poa</i>	<i>compressa</i>			L.	Canada bluegrass		78	6	468
<i>Tragopogon</i>	<i>dubius</i>			Scop.	Yellow goat's-beard		78	3	234
<i>Melilotus</i>	<i>spp.</i>				Sweet clover		33	4	132
<i>Verbascum</i>	<i>thapsus</i>			L.	Common mullein		33	2	66
<i>Taraxacum</i>	<i>spp.</i>				Common dandelion		33	2	66
<i>Potentilla</i>	<i>recta</i>			L.	Rough-fruited cinquefoil		33	2	66
<i>Bromus</i>	<i>inermis</i>			Leyss.	Smooth brome		22	3	66
<i>Setaria</i>	<i>glauca</i>			(L.) Beauv.	Yellow foxtail		22	2	44
<i>Rhamnus</i>	<i>cathartica</i>			L.	Common buckthorn		11	3	33
<i>Nepeta</i>	<i>cataria</i>			L.	Catnip		11	3	33
<i>Glechoma</i>	<i>hederacea</i>			L.	Creeping Charlie		11	3	33
<i>Asparagus</i>	<i>officinalis</i>			L.	Asparagus		11	3	33
<i>Phleum</i>	<i>pratense</i>			L.	Cultivated timothy		11	3	33
<i>Carduus</i>	<i>nutans</i>			L.	Nodding thistle		11	1	11
<b>State Listed Rare Species - Do Not Plant Without a Permit</b>									
(none)									

<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