

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Dry-Mesic Oak (Maple) Woodland FDS37

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		62	40	2480
<i>Quercus</i>	<i>rubra</i>		L.		Northern red oak		48	36	1728
<i>Quercus</i>	<i>alba</i>		L.		White oak		43	26	1118
<i>Quercus</i>	<i>macrocarpa</i>		Michx.		Bur oak		67	16	1072
<i>Pinus</i>	<i>strobus</i>		L.		White pine		10	63	630
<i>Acer</i>	<i>rubrum</i>		L.		Red maple		38	11	418
<i>Populus</i>	<i>grandidentata</i>		Michx.		Big-toothed aspen		5	38	190
<i>Betula</i>	<i>papyrifera</i>		Marsh.		Paper-birch		24	7	168
<i>Populus</i>	<i>tremuloides</i>		Michx.		Quaking aspen		19	8	152
<i>Prunus</i>	<i>serotina</i>		Ehrh.		Black cherry		33	4	132
<i>Fraxinus</i>	<i>pennsylvanica</i>		Marsh.		Green ash		10	3	30
<i>Carya</i>	<i>cordiformis</i>		(Wang.) K. Koch		Bitternut hickory		5	1	5
<i>Acer</i>	<i>negundo</i>		L.		Box elder		5	1	5
<i>Ulmus</i>	<i>americana</i>		L.		American elm		5	1	5
Understory Trees									
<i>Acer</i>	<i>rubrum</i>		L.		Red maple		95	16	1520
<i>Prunus</i>	<i>serotina</i>		Ehrh.		Black cherry		90	13	1170
<i>Ostrya</i>	<i>virginiana</i>		(Mill.) K. Koch		Ironwood		24	20	480
<i>Quercus</i>	<i>macrocarpa</i>		Michx.		Bur oak		48	9	432
<i>Quercus</i>	<i>ellipsoidalis</i>		E. J. Hill		Northern pin oak		43	10	430
<i>Fraxinus</i>	<i>pennsylvanica</i>		Marsh.		Green ash		19	12	228
<i>Quercus</i>	<i>alba</i>		L.		White oak		33	5	165
<i>Ulmus</i>	<i>americana</i>		L.		American elm		48	3	144
<i>Populus</i>	<i>tremuloides</i>		Michx.		Quaking aspen		24	6	144
<i>Fraxinus</i>	<i>nigra</i>		Marsh.		Black ash		19	6	114
<i>Quercus</i>	<i>rubra</i>		L.		Northern red oak		38	3	114
<i>Acer</i>	<i>negundo</i>		L.		Box elder		33	3	99
<i>Pinus</i>	<i>strobus</i>		L.		White pine		14	7	98
<i>Ulmus</i>	<i>rubra</i>		Muhl.		Slippery elm		24	3	72
<i>Tilia</i>	<i>americana</i>		L.		Basswood		24	2	48
<i>Populus</i>	<i>grandidentata</i>		Michx.		Big-toothed aspen		10	2	20
<i>Celtis</i>	<i>occidentalis</i>		L.		Hackberry		10	1	10

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<i>Sorbus</i>	<i>americana</i>			Marsh.		American mountain-ash		10	1	10
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		10	1	10
<i>Carya</i>	<i>cordiformis</i>			(Wang.) K. Koch		Bitternut hickory		10	1	10
<i>Carpinus</i>	<i>caroliniana</i>	ssp.	<i>virginiana</i>	Walt.	(Marsh.) Furlow	Blue beech		10	1	10
Shrubs										
<i>Corylus</i>	<i>americana</i>			Walt.		American hazelnut		90	15	1350
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry		95	9	855
<i>Cornus</i>	<i>racemosa</i>			Lam.		Gray dogwood		71	10	710
<i>Zanthoxylum</i>	<i>americanum</i>			Mill.		Prickly ash		52	9	468
<i>Sambucus</i>	<i>racemosa</i>			L.		Red-berried Elder		33	7	231
<i>Viburnum</i>	<i>rafinesquianum</i>			Schultes		Downy arrow-wood		33	5	165
<i>Diervilla</i>	<i>lonicera</i>			Mill.		Bush honeysuckle		43	3	129
<i>Ribes</i>	<i>cynosbati</i>			L.		Prickly gooseberry		43	3	129
<i>Amelanchier</i>	<i>laevis</i>			Wieg.		Smooth juneberry		29	4	116
<i>Viburnum</i>	<i>lentago</i>			L.		Nannyberry		57	2	114
<i>Ribes</i>	<i>missouriense</i>			Nutt.		Missouri gooseberry		19	6	114
<i>Cornus</i>	<i>rugosa</i>			Lam.		Round-leaved dogwood		14	7	98
<i>Amelanchier</i>	<i>interior</i>			Niels.		Juneberry		48	2	96
<i>Corylus</i>	<i>cornuta</i>			Marsh.		Beaked hazelnut		5	15	75
<i>Rosa</i>	<i>blanda</i>			Ait.		Smooth wild rose		24	3	72
<i>Ilex</i>	<i>verticillata</i>			(L.) Gray		Winterberry		29	2	58
<i>Crataegus</i>	cmx					Hawthorn		19	2	38
<i>Cornus</i>	<i>alternifolia</i>			L. f.		Pagoda dogwood		19	2	38
<i>Rosa</i>	<i>arkansana</i>			Porter		Prairie rose		5	3	15
<i>Symphoricarpos</i>	cmx							5	3	15
<i>Lonicera</i>	<i>dioica</i>			L.		Wild Honeysuckle		5	1	5
Low Shrubs										
<i>Rubus</i>	cm1					Blackberry		57	5	285
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry		52	5	260
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy		52	3	156
<i>Rubus</i>	<i>occidentalis</i>			L.		Black raspberry		10	9	90
<i>Vaccinium</i>	<i>angustifolium</i>			Ait.		Lowbush blueberry		29	3	87
<i>Rubus</i>	cm2					Common eastern dewberry		14	2	28

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<i>Vaccinium</i>	<i>myrtilloides</i>			Michx.		Velvet-leaf blueberry		10	2	20
Vines										
<i>Parthenocissus</i>	<i>cmx</i>					Virginia creeper		90	8	720
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape		71	4	284
<i>Celastrus</i>	<i>scandens</i>			L.		Climbing bittersweet		19	3	57
<i>Smilax</i>	<i>hispida</i>			Torr.		Green-briar		5	1	5
Forbs										
<i>Desmodium</i>	<i>glutinsum</i>			(Muhl. ex Willd.) Wood		Pointed-leaved tick-trefoil		86	11	946
<i>Uvularia</i>	<i>sessilifolia</i>			L.		Pale bellwort		71	8	568
<i>Amphicarpaea</i>	<i>bracteata</i>			(L.) Fern.		Hog-peanut		86	6	516
<i>Aster</i>	<i>macrophyllus</i>			L.		Large-leaved aster		57	9	513
<i>Geranium</i>	<i>maculatum</i>			L.		Wild geranium		67	7	469
<i>Maianthemum</i>	<i>canadense</i>			Desf.		Canada mayflower		86	5	430
<i>Osmorhiza</i>	<i>claytonii</i>			(Michx.) Clarke		Clayton's sweet cicely		71	5	355
<i>Circaea</i>	<i>lutetiana</i>	ssp.	<i>canadensis</i>	L.	(L.) Asch. & Magnus	Canada enchanter's nightshade		57	6	342
<i>Aralia</i>	<i>nudicaulis</i>			L.		Wild sarsaparilla		67	5	335
<i>Phryma</i>	<i>leptostachya</i>			L.		Lopseed		57	3	171
<i>Smilacina</i>	<i>racemosa</i>			(L.) Desf.		Racemose false Solomon's-seal		38	4	152
<i>Aquilegia</i>	<i>canadensis</i>			L.		Columbine		48	3	144
<i>Anemone</i>	<i>quinquefolia</i>	var.	<i>bifolia</i>	L.	Farw.	Wood-anemone		43	3	129
<i>Trientalis</i>	<i>borealis</i>			Raf.		Starflower		29	4	116
<i>Galium</i>	<i>boreale</i>	ssp.	<i>septentrionale</i>	L.	(Roem. & Schult.) Iltis	Northern bedstraw		38	3	114
<i>Pyrola</i>	<i>elliptica</i>			Nutt.		Common pyrola		29	3	87
<i>Galium</i>	<i>triflorum</i>			Michx.		Three-flowered bedstraw		43	2	86
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal		24	3	72
<i>Apocynum</i>	<i>androsaemifolium</i>			L.		Spreading dogbane		24	3	72
<i>Smilax</i>	<i>cmx.</i>					Carrion-flower		29	2	58
<i>Polygonatum</i>	<i>pubescens</i>			(Willd.) Pursh		Hairy Solomon's-seal		19	3	57
<i>Uvularia</i>	<i>grandiflora</i>			Sm.		Yellow bellwort		19	3	57
<i>Rubus</i>	<i>pubescens</i>			Raf.		Dwarf raspberry		19	3	57

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<i>Aster</i>	<i>sagittifolius</i>			Willd.		Tail-leaved aster		19	3	57
<i>Hackelia</i>	<i>cmx.</i>					Stickseed		19	3	57
<i>Polygonatum</i>	<i>biflorum</i>			(Walter) Elliott		Giant Solomon's-seal		14	4	56
<i>Fragaria</i>	<i>virginiana</i>			Duchesne		Common strawberry		14	4	56
<i>Helianthus</i>	<i>strumosus</i>			L.		Rough-leaf sunflower		10	5	50
<i>Sanicula</i>	<i>marilandica</i>			L.		Mariland black snakeroot		24	2	48
<i>Thalictrum</i>	<i>dioicum</i>			L.		Early meadow-rue		14	3	42
<i>Ranunculus</i>	<i>abortivus</i>			L.		Kidney-leaf buttercup		14	3	42
<i>Lathyrus</i>	<i>ochroleucus</i>			Hook.		Pale vetchling		10	4	40
<i>Galium</i>	<i>aparine</i>			L.		Cleavers		10	4	40
<i>Fragaria</i>	<i>vesca</i>	ssp.	<i>americana</i>	L.	(Porter) Staudt.	Wood strawberry		10	3	30
<i>Clintonia</i>	<i>borealis</i>			(Ait.) Raf.		Bluebead lily		10	3	30
<i>Arenaria</i>	<i>lateriflora</i>			L.		Side-flowering sandwort		10	3	30
<i>Aralia</i>	<i>racemosa</i>			L.		American spikenard		10	3	30
<i>Urtica</i>	<i>dioica</i>	ssp.	<i>gracilis</i>	L.	(Ait.) Selander	Stinging nettle		10	3	30
<i>Impatiens</i>	<i>cmx</i>					Touch-me-not		10	3	30
<i>Echinocystis</i>	<i>lobata</i>			(Michx.) T. & G.		Wild cucumber		14	2	28
<i>Osmorhiza</i>	<i>longistylis</i>			(Torr.) DC.		Anise-root		14	2	28
<i>Geum</i>	<i>canadense</i>			Jacq.		White avens		14	2	28
<i>Asclepias</i>	<i>exaltata</i>			L.		Poke milkweed		14	2	28
<i>Prenanthes</i>	<i>alba</i>			L.		White rattlesnake-root		14	2	28
<i>Arisaema</i>	<i>triphillum</i>			(L.) Schott		Jack-in-the-pulpit		14	2	28
<i>Geum</i>	<i>triflorum</i>			Pursh		Prairie smoke		5	5	25
<i>Solidago</i>	<i>hispida</i>			Muhl.		Hairy goldenrod		5	5	25
<i>Hepatica</i>	<i>americana</i>			(D.C.) KerGawler		Round-lobed hepatica		5	5	25
<i>Thalictrum</i>	<i>thalictroides</i>			(L.) Eames & Boivin		Rue-anemone		5	5	25
<i>Dioscorea</i>	<i>villosa</i>			L.		Wild yam		10	2	20
<i>Agrimonia</i>	<i>cmx.</i>					Stickweed		10	2	20
<i>Viola</i>	<i>cm4</i>					Violet		19	1	19
<i>Viola</i>	<i>cm1</i>					Violet		5	3	15
<i>Mitchella</i>	<i>repens</i>			L.		Partridge-berry		5	3	15

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<i>Aster</i>	<i>ciliolatus</i>			Lindl.		Lindley's aster		5	3	15
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod		5	3	15
<i>Aster</i>	<i>lateriflorus</i>			(L.) Britt.		Side-flowering aster		5	3	15
<i>Aster</i>	<i>oolentangiensis</i>			Riddell		Sky-blue aster		5	3	15
<i>Galium</i>	<i>concinnum</i>			T. & G.		Elegant bedstraw		5	3	15
<i>Helianthus</i>	<i>hirsutus</i>			Raf.		Woodland sunflower		5	3	15
<i>Sanguinaria</i>	<i>canadensis</i>			L.		Bloodroot		5	3	15
<i>Pyrola</i>	<i>secunda</i>			L.		One-sided pyrola		5	3	15
<i>Chenopodium</i>	<i>simplex</i>			(Torr.) Raf.		Maple-leaved goosefoot		5	3	15
<i>Caulophyllum</i>	<i>thalictroides</i>			(L.) Michx.		Blue cohosh		5	3	15
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue		5	3	15
<i>Achillea</i>	<i>millefolium</i>			L.		Yarrow		5	3	15
<i>Streptopus</i>	<i>roseus</i>	var.	<i>longipes</i>	Michx.	(Fern.) Fassett	Rosey twisted-stalk		5	3	15
<i>Trillium</i>	<i>grandiflorum</i>			(Michx.) Salisb.		Large-flowered trillium		5	3	15
<i>Veronicastrum</i>	<i>virginicum</i>			(L.) Farw.		Culver's root		14	1	14
<i>Actaea</i>	<i>rubra</i>			(Ait.) Willd.		Red baneberry		10	1	10
<i>Lathyrus</i>	<i>venosus</i>	var.	<i>intonsus</i>	Muhl. ex Willd.	Butt. & St. John	Veiny pea		10	1	10
<i>Cryptotaenia</i>	<i>canadensis</i>			(L.) DC.		Honewort		10	1	10
<i>Sanicula</i>	<i>gregaria</i>			Bickn.		Gregarious black snakeroot		5	1	5
<i>Eupatorium</i>	<i>rugosum</i>			Houtt.		Common snakeroot		5	1	5
<i>Erechtites</i>	<i>hieracifolia</i>			(L.) Raf.		Pilewort		5	1	5
<i>Trillium</i>	<i>cernuum</i>			L.		Nodding trillium		5	1	5
<i>Solidago</i>	<i>flexicaulis</i>			L.		Zig-zag goldenrod		5	1	5
<i>Solidago</i>	<i>uliginosa</i>			Nutt.		Bog goldenrod		5	1	5
<i>Heuchera</i>	<i>richardsonii</i>			R. Br.		Alum-root		5	1	5
<i>Zizia</i>	<i>aurea</i>			(L.) Koch		Golden alexanders		5	1	5
<i>Physalis</i>	<i>heterophylla</i>			Nees		Clammy ground-cherry		5	1	5
<i>Ranunculus</i>	<i>recurvatus</i>			Poir.		Hooked crowfoot		5	1	5
<i>Anemone</i>	<i>virginiana</i>			L.		Tall thimbleweed		5	1	5
<i>Lactuca</i>	<i>spp.</i>					Wild lettuce		5	1	5
<i>Hieracium</i>	<i>kalmii</i>			L.		Hawkweed		5	1	5
Grasses, Rushes and Sedges										
<i>Carex</i>	<i>pensylvanica</i>			Lam.		Pennsylvania sedge		81	9	729

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<i>Oryzopsis</i>	<i>asperifolia</i>			Michx. (Wahlenb.)		Mountain rice-grass		33	3	99
<i>Carex</i>	<i>radiata</i>			Small		Stellate sedge		14	3	42
<i>Carex</i>	<i>peckii</i>			Howe (Pers.) E. Alexeev.		Peck's sedge		10	4	40
<i>Festuca</i>	<i>subverticillata</i>					Nodding fescue		10	3	30
<i>Schizachne</i>	<i>purpurascens</i>			(Torr.) Swallen		False melic grass		14	2	28
<i>Carex</i>	<i>pedunculata</i>			Muhl. ex Willd.		Long-stalked sedge		10	2	20
<i>Brachyelytrum</i>	<i>erectum</i>			(Schreb.) Beauv.		Bearded shorthusk		5	3	15
<i>Danthonia</i>	<i>spicata</i>			(L.) Beauv.		Poverty grass		5	3	15
<i>Carex</i>	<i>gracillima</i>			Schwein.		Graceful sedge		5	3	15
<i>Carex</i>	<i>deweyana</i>			Schwein.		Dewey's sedge		5	3	15
<i>Carex</i>	<i>tenera</i>			Dewey		Marsh-straw sedge		10	1	10
<i>Elymus</i>	<i>hystrix</i>			L.		Bottlebrush grass		5	1	5
<i>Carex</i>	<i>blanda</i>			Dewey		Charming sedge		5	1	5
Ferns and Fern Allies										
<i>Athyrium</i>	<i>filix-femina</i>	var.	<i>angustum</i>	(L.) Roth		Lady-fern		76	5	380
<i>Pteridium</i>	<i>aquilinum</i>	var.	<i>latiusculum</i>	(L.) Kuhn	(Desv.) Underw.	Bracken		62	5	310
<i>Osmunda</i>	<i>claytoniana</i>			L.		Interrupted fern		29	9	261
<i>Matteuccia</i>	<i>struthiopteris</i>	var.	<i>pensylvanica</i>	(L.) Todaro	(Willd.) Morton	Ostrich-fern		5	38	190
<i>Dryopteris</i>	<i>intermedia</i>					Fern		19	2	38
<i>Botrychium</i>	<i>virginianum</i>			(L.) Sw.		Rattlesnakefern		24	1	24
<i>Equisetum</i>	<i>pratense</i>			Ehrh. (S. G. Gmel.)		Meadow horsetail		5	3	15
<i>Botrychium</i>	<i>multifidum</i>			Rupr.		Leathery grapefern		5	1	5

Exotic Invasive Species - Do Not Plant										
<i>Rhamnus</i>	<i>cathartica</i>			L.		Common buckthorn		57	6	342
<i>Taraxacum</i>	<i>spp.</i>					Common dandelion		24	2	48
<i>Asparagus</i>	<i>officinalis</i>			L.		Asparagus		5	3	15
<i>Poa</i>	<i>pratensis</i>			L.		Kentucky bluegrass		5	3	15

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<i>Silene</i>	<i>latifolia</i>	ssp.	<i>alba</i>	Poiret	(Miller) Greuter & Burdet	White campion		5	1	5
<i>Arctium</i>	<i>minus</i>			(Hill) Bernh.		Common burdock		5	1	5
<i>Leonurus</i>	<i>cardiaca</i>			L.		Lion's ear		5	1	5

State-Listed Rare Species - Do Not Plant Without a Permit										
<i>Juglans</i>	<i>cinerea</i>			L.		Butternut	SC	5	3	15

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