

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

**Class: Southern Wet Ash Swamp WFs57**

SOUTHERN WET ASH 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>Fraxinus</i>	<i>nigra</i>			Marsh.		Black ash		100	34	3400
<i>Betula</i>	<i>alleghaniensis</i>			Britt.		Yellow birch		20	63	1260
<i>Ulmus</i>	<i>americana</i>			L.		American elm		60	8	480
<i>Tilia</i>	<i>americana</i>			L.		Basswood		40	9	360
<i>Acer</i>	<i>saccharum</i>			Marsh.		Sugar maple		20	15	300
<i>Fraxinus</i>	<i>pennsylvanica</i>			Marsh.		Green ash		40	2	80
<i>Ulmus</i>	<i>rubra</i>			Muhl.		Slippery elm		20	3	60
<i>Salix</i>	<i>nigra</i>			Marsh.		Black willow		20	1	20
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		20	1	20
<b>Understory Trees</b>										
<i>Fraxinus</i>	<i>nigra</i>			Marsh.		Black ash		100	14	1400
<i>Ulmus</i>	<i>americana</i>			L.		American elm		60	11	660
<i>Tilia</i>	<i>americana</i>			L.		Basswood		40	10	400
<i>Fraxinus</i>	<i>pennsylvanica</i>			Marsh.		Green ash		40	8	320
<i>Ostrya</i>	<i>virginiana</i>			(Mill.) K. Koch		Ironwood		40	8	320
<i>Acer</i>	<i>negundo</i>			L.		Box elder		20	15	300
<i>Acer</i>	<i>saccharum</i>			Marsh.		Sugar maple		20	15	300
<i>Ulmus</i>	<i>rubra</i>			Muhl.		Slippery elm		20	15	300
<i>Betula</i>	<i>papyrifera</i>			Marsh.		Paper-birch		20	5	100
<i>Celtis</i>	<i>occidentalis</i>			L.		Hackberry		20	3	60
<i>Populus</i>	<i>tremuloides</i>			Michx.		Quaking aspen		20	1	20
<b>Shrubs</b>										
<i>Alnus</i>	<i>incana</i>	ssp.	<i>rugosa</i>	(L.) Moench	(Du Roi) Clausen	Speckled alder		60	35	2100
<i>Cornus</i>	<i>sericea</i>			L.		Red-osier dogwood		80	13	1040
<i>Viburnum</i>	<i>lentago</i>			L.		Nannyberry		60	12	720
<i>Ribes</i>	<i>americanum</i>			Mill.		Wild black currant		40	9	360
<i>Cornus</i>	<i>rugosa</i>			Lam.		Round-leaved dogwood		20	15	300
<i>Ribes</i>	<i>missouriense</i>			Nutt.		Missouri gooseberry		40	3	120
<i>Viburnum</i>	<i>opulus</i>	var.	<i>americanaum</i>	L.	Aiton	High-bush cranberry		20	5	100
<i>Prunus</i>	<i>virginiana</i>			L.		Chokecherry		20	3	60
<i>Cornus</i>	<i>alternifolia</i>			L. f.		Pagoda dogwood		20	3	60

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

**Class: Southern Wet Ash Swamp WFs57**

<i>Cornus</i>	<i>racemosa</i>			Lam.		Gray dogwood	20	3	60
<i>Zanthoxylum</i>	<i>americanum</i>			Mill.		Prickly ash	20	3	60
<i>Sambucus</i>	<i>racemosa</i>			L.		Red-berried Elder	20	1	20
<i>Ribes</i>	<i>triste</i>			Pall.		Swamp red currant	20	1	20
<b>Low Shrubs</b>									
<i>Toxicodendron</i>	<i>rydbergii</i>			(Small) Greene		Poison ivy	20	3	60
<i>Vitis</i>	<i>riparia</i>			Michx.		Wild grape	40	2	80
<i>Menispermum</i>	<i>canadense</i>			L.		Canada moonseed	20	3	60
<i>Rubus</i>	<i>idaeus</i>	var.	<i>strigosus</i>	L.	(Michx.) Maxim	Red raspberry	20	1	20
<b>Vines</b>									
<i>Parthenocissus</i>	<i>cmx.</i>					Virginia creeper	100	3	300
<b>Forbs</b>									
<i>Symplocarpus</i>	<i>foetidus</i>			(L.) Nutt.		Skunk-cabbage	80	54	4320
<i>Impatiens</i>	<i>cmx.</i>					Touch-me-not	100	20	2000
<i>Caltha</i>	<i>palustris</i>			L.		Swamp marsh-marigold	80	12	960
<i>Laportea</i>	<i>canadensis</i>			(L.) Wedd.		Wood-nettle	80	7	560
<i>Rudbeckia</i>	<i>laciniata</i>			L.		Goldenglow	80	5	400
<i>Pilea</i>	<i>cmx.</i>					Clearweed	40	9	360
<i>Asarum</i>	<i>canadense</i>			L.		Wild ginger	40	9	360
<i>Smilacina</i>	<i>stellata</i>			(L.) Desf.		Starry false Solomon's-seal	80	4	320
<i>Cryptotaenia</i>	<i>canadensis</i>			(L.) DC.		Honewort	80	4	320
<i>Lemna</i>	<i>spp.</i>					Lesser duckweed	20	15	300
<i>Stachys</i>	<i>hispida</i>			Pursh		Smooth hedge-nettle	20	15	300
<i>Boehmeria</i>	<i>cylindrica</i>			(L.) Sw.		False nettle	20	15	300
<i>Arisaema</i>	<i>triphillum</i>			(L.) Schott		Jack-in-the-pulpit	100	3	300
<i>Geranium</i>	<i>maculatum</i>			L.		Wild geranium	80	3	240
<i>Osmorhiza</i>	<i>claytonii</i>			(Michx.) Clarke		Clayton's sweet cicely	80	3	240
<i>Galium</i>	<i>aparine</i>			L.		Cleavers	80	3	240
<i>Ranunculus</i>	<i>recurvatus</i>			Poir.		Hooked crowfoot	60	3	180
<i>Maianthemum</i>	<i>canadense</i>			Desf.		Canada mayflower	60	3	180
<i>Iris</i>	<i>versicolor</i>			L.		Northern blue Flag	40	4	160
<i>Galium</i>	<i>triflorum</i>			Michx.		Three-flowered bedstraw	40	3	120
<i>Solidago</i>	<i>flexicaulis</i>			L.		Zig-zag goldenrod	40	3	120
<i>Cardamine</i>	<i>rhomboidea</i>			(Pers.) DC		Spring cress	40	3	120
<i>Eupatorium</i>	<i>rugosum</i>			Houtt.		Common snakeroot	40	3	120

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

**Class: Southern Wet Ash Swamp WFs57**

<i>Sanicula</i>	<i>gregaria</i>			Bickn.		Gregarious black snakeroot	40	3	120
<i>Lilium</i>	<i>michiganense</i>			Farw.		Michigan lily	40	3	120
<i>Sanguinaria</i>	<i>canadensis</i>			L.		Bloodroot	40	3	120
<i>Circaea</i>	<i>lutetiana</i>	ssp.	<i>canadensis</i>	L.	(L.) Asch. & Magnus	Canada enchanter's nightshade	40	3	120
<i>Thalictrum</i>	<i>dasycarpum</i>			Fisch. & Lall.		Tall meadow-rue	40	3	120
<i>Hydrophyllum</i>	<i>virginianum</i>			L.		Virginia waterleaf	40	3	120
<i>Geum</i>	<i>canadense</i>			Jacq.		White avens	20	5	100
<i>Ranunculus</i>	<i>hispidus</i>			Michx.		Hispid buttercup	20	5	100
<i>Galium</i>	<i>obtusum</i>			Bigel.		Obtuse bedstraw	20	5	100
<i>Rubus</i>	<i>pubescens</i>			Raf.		Dwarf raspberry	40	2	80
<i>Scutellaria</i>	<i>lateriflora</i>			L.		Mad-dog skullcap	40	2	80
<i>Typha</i>	<i>spp.</i>					Cattail	20	3	60
<i>Aralia</i>	<i>nudicaulis</i>			L.		Wild sarsaparilla	20	3	60
<i>Angelica</i>	<i>atropurpurea</i>	var.	<i>occidentalis</i>	L.	Fassett	Angelica	20	3	60
<i>Rumex</i>	<i>orbiculatus</i>			Gray		Great water dock	20	3	60
<i>Anemone</i>	<i>quinquefolia</i>	var.	<i>bifolia</i>	L.	Farw.	Wood-anemone	20	3	60
<i>Ranunculus</i>	<i>abortivus</i>			L.		Kidney-leaf buttercup	20	3	60
<i>Polygonum</i>	<i>virginianum</i>			L.		Virginia knotweed	20	3	60
<i>Polygonatum</i>	<i>pubescens</i>			(Willd.) Pursh		Hairy Solomon's-seal	20	3	60
<i>Aster</i>	<i>ontarionis</i>			Wieg.		Ontario aster	20	3	60
<i>Anemone</i>	<i>acutiloba</i>			(D.C.) Lawson		Sharp-lobed hepatica	20	3	60
<i>Cicuta</i>	<i>bulbifera</i>			L.		Bulb-bearing water-hemlock	20	3	60
<i>Desmodium</i>	<i>glutinatum</i>			(Muhl. ex Willd.) Wood		Pointed-leaved tick-trefoil	20	3	60
<i>Sagittaria</i>	<i>latifolia</i>			Willd.		Broad-leaved arrowhead	20	3	60
<i>Erythronium</i>	<i>albidum</i>			Nutt.		White trout-lily	20	3	60
<i>Aster</i>	<i>firmus</i>			Nees		Red-stemmed aster	20	3	60
<i>Galium</i>	<i>asprellum</i>			Michx.		Rough bedstraw	20	3	60
<i>Galium</i>	<i>concinnum</i>			T. & G.		Elegant bedstraw	20	3	60
<i>Cardamine</i>	<i>pennsylvanica</i>			Muhl.		Pennsylvania bitter cress	20	3	60
<i>Campanula</i>	<i>aparinoides</i>			Pursh		Marsh bellflower	20	3	60
<i>Boltonia</i>	<i>asteroides</i>	var.	<i>recognita</i>	(L.) L'Her.	(Fern. & Grisc.) Cronq.	Boltonia	20	3	60
<i>Lycopus</i>	<i>uniflorus</i>			Michx.		Northern bugleweed	20	3	60
<i>Lysimachia</i>	<i>ciliata</i>			L.		Fringed loosestrife	20	3	60
<i>Mitella</i>	<i>nuda</i>			L.		Naked miterwort	20	3	60
<i>Eupatorium</i>	<i>purpureum</i>			L.		Sweet Joe-pye weed	20	3	60

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

**Class: Southern Wet Ash Swamp WFs57**

<i>Sparganium</i>	<i>eurycarpum</i>			Engelm.		Giant bur-reed	20	3	60
<i>Urtica</i>	<i>dioica</i>	ssp.	<i>gracilis</i>	L.	(Ait.) Selander	Stinging nettle	20	3	60
<i>Uvularia</i>	<i>grandiflora</i>			Sm.		Yellow bellwort	20	3	60
<i>Solidago</i>	<i>gigantea</i>			Ait.		Giant goldenrod	20	3	60
<i>Uvularia</i>	<i>sessilifolia</i>			L.		Pale bellwort	20	3	60
<i>Cuscuta</i>	<i>spp.</i>					Dodder	20	1	20
<i>Oxalis</i>	<i>cmx.</i>					Wood-sorrel	20	1	20
<i>Ranunculus</i>	<i>sceleratus</i>			L.		Cursed crowfoot	20	1	20
<i>Cirsium</i>	<i>muticum</i>			Michx.		Swamp thistle	20	1	20
<i>Prenanthes</i>	<i>alba</i>			L.		White rattlesnake-root	20	1	20
<i>Sanicula</i>	<i>marilandica</i>			L.		Mariland black snakeroot	20	1	20
<i>Saxifraga</i>	<i>pensylvanica</i>			L.		Swamp saxifrage	20	1	20
<i>Erigeron</i>	<i>philadelphicus</i>			L.		Philadelphia fleabane	20	1	20
<b>Grasses, Rushes and Sedges</b>									
<i>Carex</i>	<i>lacustris</i>			Willd.		Lake-sedge	60	7	420
<i>Carex</i>	<i>stricta</i>			Lam.		Tussock-sedge	40	9	360
<i>Scirpus</i>	<i>microcarpus</i>			Presl		Small-fruited bulrush	20	15	300
<i>Carex</i>	<i>stipata</i>			Muhl. ex Willd.		Awl-fruited sedge	60	4	240
<i>Glyceria</i>	<i>striata</i>			(Lam.) Hitchc.		Fowl manna-grass	60	4	240
<i>Carex</i>	<i>hystericina</i>			Muhl. ex Willd.		Porcupine sedge	40	4	160
<i>Elymus</i>	<i>virginicus</i>			L.		Virginia wild rye	40	3	120
<i>Carex</i>	<i>blanda</i>			Dewey		Charming sedge	40	3	120
<i>Carex</i>	<i>lupulina</i>			Willd.		Hop-sedge	20	5	100
<i>Poa</i>	<i>sylvestris</i>			Gray		Woodland bluegrass	20	3	60
<i>Leersia</i>	<i>virginica</i>			Willd.		White grass	20	3	60
<i>Festuca</i>	<i>subverticillata</i>			(Pers.) E. Alexeev.		Nodding fescue	20	3	60
<i>Leersia</i>	<i>oryzoides</i>			(L.) Swartz		Rice cut grass	20	3	60
<i>Carex</i>	<i>pedunculata</i>			Muhl. ex Willd.		Long-stalked sedge	20	3	60
<i>Carex</i>	<i>rosea</i>			Schk.		Rolled-up sedge	20	3	60
<i>Carex</i>	<i>tenera</i>			Dewey		Marsh-straw sedge	20	3	60
<i>Carex</i>	<i>disperma</i>			Dewey		Soft-leaved sedge	20	3	60
<i>Carex</i>	<i>bromoides</i>			Willd.		Brome-like sedge	20	1	20
<b>Ferns and Fern Allies</b>									

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

**Class: Southern Wet Ash Swamp WFs57**

<i>Matteuccia</i>	<i>struthiopteris</i>	var.	<i>pensylvanica</i>	(L.) Todaro	(Willd.) Morton	Ostrich-fern		60	19	1140
<i>Onoclea</i>	<i>sensibilis</i>			L.		Sensitive fern		80	6	480
<i>Equisetum</i>	<i>hyemale</i>	var.	<i>affine</i>	L.	(Engelm.) A. A. Eat.	Tall scouring-rush		40	10	400
<i>Equisetum</i>	<i>arvense</i>			L.		Field horsetail		60	4	240
<i>Athyrium</i>	<i>filix-femina</i>	var.	<i>angustum</i>	(L.) Roth		Lady-fern		40	3	120
<i>Equisetum</i>	<i>pratense</i>			Ehrh.		Meadow horsetail		20	5	100
<i>Adiantum</i>	<i>pedatum</i>			L.		Maidenhair fern		20	3	60
<i>Osmunda</i>	<i>claytoniana</i>			L.		Interrupted fern		20	3	60
<i>Cystopteris</i>	<i>bulbifera</i>			(L.) Bernh.		Bulblet bladder-fern		20	3	60
<i>Cystopteris</i>	<i>protrusa</i>			(Weath.) Blasd.		Protruding fragile fern		20	3	60
<i>Thelypteris</i>	<i>palustris</i>			Schott		Northern marsh-fern		20	3	60

<b>Exotic Invasive Species - Do Not Plant</b>										
<i>Phalaris</i>	<i>arundinacea</i>			L.		Reed canary-grass		80	7	560
<i>Rhamnus</i>	<i>cathartica</i>			L.		Common buckthorn		40	10	400
<i>Lysimachia</i>	<i>nummularia</i>			L.		Moneywort		20	15	300
<i>Myosotis</i>	<i>scorpioides</i>			L.		True forget-me-not		60	4	240
<i>Poa</i>	<i>pratensis</i>			L.		Kentucky bluegrass		20	3	60
<i>Acer</i>	<i>ginnala</i>			Maxim.		Amur maple		20	1	20

<b>State Listed Rare Species - Do Not Plant Without a Permit</b>										
<i>Hydrocotyle</i>	<i>americana</i>			L.		American water pennywort	SC	20	5	100
<i>Poa</i>	<i>paludigena</i>			Fern. & Wieg.		Bog bluegrass	T	20	3	60
<i>Juglans</i>	<i>cinerea</i>			L.		Butternut	SC	20	1	20

<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