

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Mesic Oak-Basswood Forest MHs38

| SOUTHERN MESIC OAK-BASSWOOD FOREST | | | | | | | | | | |
|------------------------------------|----------------------|------|-----------------------|-----------------|------------------------------|-------------------|----------------------------|-------------------|--------------------|--------------------|
| 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>Acer</i> | <i>saccharum</i> | | | Marsh. | | Sugar maple | | 89 | 41 | 3649 |
| <i>Quercus</i> | <i>rubra</i> | | | L. | | Northern red oak | | 78 | 39 | 3042 |
| <i>Tilia</i> | <i>americana</i> | | | L. | | Basswood | | 89 | 20 | 1780 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | | | Marsh. | | Green ash | | 39 | 13 | 507 |
| <i>Carya</i> | <i>cordiformis</i> | | | (Wang.) K. Koch | | Bitternut hickory | | 28 | 15 | 420 |
| <i>Ostrya</i> | <i>virginiana</i> | | | (Mill.) K. Koch | | Ironwood | | 39 | 10 | 390 |
| <i>Quercus</i> | <i>alba</i> | | | L. | | White oak | | 22 | 11 | 242 |
| <i>Ulmus</i> | <i>americana</i> | | | L. | | American elm | | 22 | 8 | 176 |
| <i>Fraxinus</i> | <i>nigra</i> | | | Marsh. | | Black ash | | 17 | 7 | 119 |
| <i>Quercus</i> | <i>macrocarpa</i> | | | Michx. | | Bur oak | | 17 | 6 | 102 |
| <i>Ulmus</i> | <i>thomasi</i> | | | Sarg. | | Rock elm | | 6 | 15 | 90 |
| <i>Ulmus</i> | <i>rubra</i> | | | Muhl. | | Slippery elm | | 33 | 2 | 66 |
| <i>Betula</i> | <i>papyrifera</i> | | | Marsh. | | Paper-birch | | 17 | 2 | 34 |
| <i>Populus</i> | <i>tremuloides</i> | | | Michx. | | Quaking aspen | | 6 | 5 | 30 |
| <i>Prunus</i> | <i>serotina</i> | | | Ehrh. | | Black cherry | | 6 | 3 | 18 |
| Understory Trees | | | | | | | | | | |
| <i>Acer</i> | <i>saccharum</i> | | | Marsh. | | Sugar maple | | 89 | 42 | 3738 |
| <i>Ostrya</i> | <i>virginiana</i> | | | (Mill.) K. Koch | | Ironwood | | 94 | 26 | 2444 |
| <i>Carya</i> | <i>cordiformis</i> | | | (Wang.) K. Koch | | Bitternut hickory | | 78 | 10 | 780 |
| <i>Tilia</i> | <i>americana</i> | | | L. | | Basswood | | 78 | 8 | 624 |
| <i>Ulmus</i> | <i>rubra</i> | | | Muhl. | | Slippery elm | | 50 | 4 | 200 |
| <i>Quercus</i> | <i>rubra</i> | | | L. | | Northern red oak | | 89 | 2 | 178 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | | | Marsh. | | Green ash | | 44 | 4 | 176 |
| <i>Fraxinus</i> | <i>nigra</i> | | | Marsh. | | Black ash | | 44 | 4 | 176 |
| <i>Carpinus</i> | <i>caroliniana</i> | ssp. | <i>virginiana</i> | Walt. | (Marsh.) Furlow | Blue beech | | 22 | 7 | 154 |
| <i>Prunus</i> | <i>serotina</i> | | | Ehrh. | | Black cherry | | 39 | 2 | 78 |
| <i>Celtis</i> | <i>occidentalis</i> | | | L. | | Hackberry | | 22 | 3 | 66 |
| <i>Ulmus</i> | <i>americana</i> | | | L. | | American elm | | 17 | 4 | 68 |
| <i>Quercus</i> | <i>macrocarpa</i> | | | Michx. | | Bur oak | | 22 | 2 | 44 |
| <i>Ulmus</i> | <i>thomasi</i> | | | Sarg. | | Rock elm | | 6 | 5 | 30 |

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| | | | | | | | | | |
|-----------------------|-----------------------|------|--------------------|-----------------|----------------|---------------------|----|----|-----|
| <i>Quercus</i> | <i>alba</i> | | | L. | | White oak | 11 | 2 | 22 |
| <i>Betula</i> | <i>papyrifera</i> | | | Marsh. | | Paper-birch | 6 | 3 | 18 |
| <i>Acer</i> | <i>negundo</i> | | | L. | | Box elder | 17 | 1 | 17 |
| <i>Populus</i> | <i>grandidentata</i> | | | Michx. | | Big-toothed aspen | 6 | 1 | 6 |
| <i>Populus</i> | <i>tremuloides</i> | | | Michx. | | Quaking aspen | 6 | 1 | 6 |
| Shrubs | | | | | | | | | |
| <i>Prunus</i> | <i>virginiana</i> | | | L. | | Chokecherry | 72 | 7 | 504 |
| <i>Ribes</i> | <i>cynosbati</i> | | | L. | | Prickly gooseberry | 83 | 4 | 332 |
| <i>Cornus</i> | <i>alternifolia</i> | | | L. f. | | Pagoda dogwood | 61 | 4 | 244 |
| <i>Zanthoxylum</i> | <i>americanum</i> | | | Mill. | | Prickly ash | 72 | 3 | 216 |
| <i>Viburnum</i> | <i>rafinesquianum</i> | | | Schultes | | Downy arrow-wood | 17 | 7 | 119 |
| <i>Corylus</i> | <i>cornuta</i> | | | Marsh. | | Beaked hazelnut | 6 | 15 | 90 |
| <i>Ribes</i> | <i>missouriense</i> | | | Nutt. | | Missouri gooseberry | 17 | 4 | 68 |
| <i>Sambucus</i> | <i>racemosa</i> | | | L. | | Red-berried elder | 28 | 2 | 56 |
| <i>Cornus</i> | <i>racemosa</i> | | | Lam. | | Gray dogwood | 17 | 3 | 51 |
| <i>Viburnum</i> | <i>lentago</i> | | | L. | | Nannyberry | 11 | 3 | 33 |
| <i>Dirca</i> | <i>palustris</i> | | | L. | | Leatherwood | 11 | 2 | 22 |
| <i>Staphylea</i> | <i>trifolia</i> | | | L. | | Bladdernut | 11 | 2 | 22 |
| <i>Sambucus</i> | <i>canadensis</i> | | | L. | | Common elder | 6 | 3 | 18 |
| <i>Amelanchier</i> | cmx. | | | | | Juneberry | 6 | 3 | 18 |
| <i>Lonicera</i> | <i>dioica</i> | | | L. | | Wild Honeysuckle | 6 | 3 | 18 |
| <i>Lonicera</i> | <i>canadensis</i> | | | Marsh. | | Fly honeysuckle | 6 | 3 | 18 |
| <i>Corylus</i> | <i>americana</i> | | | Walt. | | American hazelnut | 6 | 3 | 18 |
| <i>Diervilla</i> | <i>lonicera</i> | | | Mill. | | Bush honeysuckle | 6 | 3 | 18 |
| <i>Symphoricarpos</i> | cmx | | | | | Snowberry | 6 | 1 | 6 |
| <i>Viburnum</i> | <i>opulus</i> | var. | <i>americanaum</i> | L. | Aiton | High-bush cranberry | 6 | 1 | 6 |
| Low Shrubs | | | | | | | | | |
| <i>Rubus</i> | <i>idaeus</i> | var. | <i>strigosus</i> | L. | (Michx.) Maxim | Red raspberry | 22 | 6 | 132 |
| <i>Toxicodendron</i> | <i>rydbergii</i> | | | (Small) Greene | | Poison ivy | 33 | 3 | 99 |
| <i>Rubus</i> | cm1 | | | | | Blackberry | 6 | 1 | 6 |
| Vines | | | | | | | | | |
| <i>Parthenocissus</i> | <i>spp.</i> | | | | | Virginia creeper | 83 | 6 | 498 |
| <i>Lonicera</i> | <i>prolifera</i> | | | (Kirchn.) Rehd. | | Grape honeysuckle | 6 | 15 | 90 |
| <i>Menispermum</i> | <i>canadense</i> | | | L. | | Canada moonseed | 22 | 4 | 88 |
| <i>Smilax</i> | <i>hispida</i> | | | Torr. | | Green-briar | 22 | 3 | 66 |
| <i>Vitis</i> | <i>riparia</i> | | | Michx. | | Wild grape | 28 | 2 | 56 |

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| | | | | | | | | | | |
|------------------|-------------------|--|--|----|--|---------------------|--|----|---|----|
| <i>Celastrus</i> | <i>scandens</i> | | | L. | | Climbing bitterweet | | 17 | 2 | 34 |
| <i>Clematis</i> | <i>virginiana</i> | | | L. | | Virgin's bower | | 6 | 5 | 30 |

| Forbs | | | | | | | | | | |
|---------------------|----------------------|------|-------------------|---------------------------|---------------------|-------------------------------|--|----|----|-----|
| <i>Circaea</i> | <i>lutetiana</i> | ssp. | <i>canadensis</i> | L. | (L.) Asch. & Magnus | Canada enchanter's nightshade | | 83 | 7 | 581 |
| <i>Uvularia</i> | <i>grandiflora</i> | | | Sm. | | Yellow bellwort | | 72 | 8 | 576 |
| <i>Amphicarpaea</i> | <i>bracteata</i> | | | (L.) Fern. | | Hog-peanut | | 50 | 11 | 550 |
| <i>Osmorhiza</i> | <i>claytonii</i> | | | (Michx.) Clarke | | Clayton's sweet cicely | | 83 | 6 | 498 |
| <i>Phryma</i> | <i>leptostachya</i> | | | L. | | Lopseed | | 78 | 5 | 390 |
| <i>Solidago</i> | <i>flexicaulis</i> | | | L. | | Zig-zag goldenrod | | 61 | 6 | 366 |
| <i>Thalictrum</i> | <i>dioicum</i> | | | L. | | Early meadow-rue | | 72 | 4 | 288 |
| <i>Viola</i> | <i>cm4</i> | | | | | Violet | | 72 | 4 | 288 |
| <i>Sanguinaria</i> | <i>canadensis</i> | | | L. | | Bloodroot | | 78 | 3 | 234 |
| <i>Desmodium</i> | <i>glutinsum</i> | | | (Muhl. ex Willd.) Wood | | Pointed-leaved tick-trefoil | | 56 | 4 | 224 |
| <i>Asarum</i> | <i>canadense</i> | | | L. | | Wild ginger | | 28 | 8 | 224 |
| <i>Geranium</i> | <i>maculatum</i> | | | L. | | Wild geranium | | 72 | 3 | 216 |
| <i>Smilax</i> | <i>cmx.</i> | | | | | Carrion-flower | | 72 | 3 | 216 |
| <i>Laportea</i> | <i>canadensis</i> | | | (L.) Wedd. | | Wood-nettle | | 33 | 6 | 198 |
| <i>Arisaema</i> | <i>triphillum</i> | | | (L.) Schott | | Jack-in-the-pulpit | | 61 | 3 | 183 |
| <i>Smilacina</i> | <i>racemosa</i> | | | (L.) Desf. | | Racemose false Solomon's-seal | | 56 | 3 | 168 |
| <i>Anemone</i> | <i>quinquefolia</i> | var. | <i>bifolia</i> | L. | Farw. | Wood-anemone | | 56 | 3 | 168 |
| <i>Cryptotaenia</i> | <i>canadensis</i> | | | (L.) DC. | | Honewort | | 56 | 3 | 168 |
| <i>Aster</i> | <i>cordifolius</i> | | | L. | | Heart-leaved aster | | 33 | 5 | 165 |
| <i>Anemone</i> | <i>acutiloba</i> | | | ? | | Sharp-lobed hepatica | | 39 | 4 | 156 |
| <i>Caulophyllum</i> | <i>thalictroides</i> | | | (L.) Michx. | | Blue cohosh | | 50 | 3 | 150 |
| <i>Galium</i> | <i>triflorum</i> | | | Michx. | | Three-flowered bedstraw | | 50 | 3 | 150 |
| <i>Galium</i> | <i>aparine</i> | | | L. | | Cleavers | | 28 | 5 | 140 |
| <i>Hydrophyllum</i> | <i>virginianum</i> | | | L. | | Virginia waterleaf | | 44 | 3 | 132 |
| <i>Aralia</i> | <i>nudicaulis</i> | | | L. | | Wild sarsaparilla | | 33 | 4 | 132 |
| <i>Polygonatum</i> | <i>pubescens</i> | | | (Willd.) Pursh | | Hairy Solomon's-seal | | 44 | 3 | 132 |
| <i>Eupatorium</i> | <i>rugosum</i> | | | Houtt. | | Common snakeroot | | 22 | 6 | 132 |
| <i>Sanicula</i> | <i>marilandica</i> | | | L. | | Mariland black snakeroot | | 39 | 3 | 117 |
| <i>Ranunculus</i> | <i>abortivus</i> | | | L. | | Kidney-leaf buttercup | | 39 | 3 | 117 |
| <i>Maianthemum</i> | <i>canadense</i> | | | Desf. | | Canada mayflower | | 39 | 3 | 117 |
| <i>Aquilegia</i> | <i>canadensis</i> | | | L. | | Columbine | | 17 | 6 | 102 |
| <i>Geum</i> | <i>canadense</i> | | | Jacq. | | White avens | | 50 | 2 | 100 |

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|----------------------|-------------------------|------|-----------------------|---------------------|-------------------------|----------------------------|----|---|----|
| <i>Sanicula</i> | <i>gregaria</i> | | | Bickn. | | Gregarious black snakeroot | 22 | 4 | 88 |
| <i>Galium</i> | <i>concinnum</i> | | | T. & G. | | Elegant bedstraw | 22 | 4 | 88 |
| <i>Polygonatum</i> | <i>biflorum</i> | | | (Walter) Elliott | | Giant Solomon's-seal | 28 | 3 | 84 |
| <i>Orchis</i> | <i>spectabilis</i> | | | L. | | Showy orchis | 28 | 3 | 84 |
| <i>Actaea</i> | <i>rubra</i> | | | (Ait.) Willd. | | Red baneberry | 33 | 2 | 66 |
| <i>Trillium</i> | <i>cernuum</i> | | | L. | | Nodding trillium | 22 | 3 | 66 |
| <i>Impatiens</i> | <i>cmx.</i> | | | | | Spotted touch-me-not | 22 | 3 | 66 |
| <i>Aralia</i> | <i>racemosa</i> | | | L. | | American spikenard | 22 | 3 | 66 |
| <i>Hackelia</i> | <i>cmx.</i> | | | | | Stickseed | 22 | 3 | 66 |
| <i>Allium</i> | <i>tricoccum</i> | | | Ait. | | Wild leek | 28 | 2 | 56 |
| <i>Thalictrum</i> | <i>thalictroides</i> | | | (L.) Eames & Boivin | | Rue-anemone | 17 | 3 | 51 |
| <i>Galium</i> | <i>boreale</i> | ssp. | <i>septentrionale</i> | L. | (Roem. & Schult.) Iltis | Northern bedstraw | 17 | 2 | 34 |
| <i>Aster</i> | <i>macrophyllus</i> | | | L. | | Large-leaved aster | 17 | 2 | 34 |
| <i>Monotropa</i> | <i>uniflora</i> | | | L. | | Indian pipe | 17 | 2 | 34 |
| <i>Prenanthes</i> | <i>alba</i> | | | L. | | White rattlesnake-root | 11 | 3 | 33 |
| <i>Phlox</i> | <i>divaricata</i> | ssp. | <i>laphamii</i> | L. | (Wood) Wherry | Blue phlox | 11 | 3 | 33 |
| <i>Campanula</i> | <i>americana</i> | | | L. | | Tall bellflower | 11 | 3 | 33 |
| <i>Helianthus</i> | <i>pauciflorus</i> | var. | <i>pauciflorus</i> | Nutt. | | Stiff sunflower | 6 | 5 | 30 |
| <i>Apocynum</i> | <i>androsaemifolium</i> | | | L. | | Spreading dogbane | 11 | 2 | 22 |
| <i>Uvularia</i> | <i>sessilifolia</i> | | | L. | | Pale bellwort | 11 | 2 | 22 |
| <i>Ranunculus</i> | <i>recurvatus</i> | | | Poir. | | Hooked crowfoot | 11 | 2 | 22 |
| <i>Viola</i> | <i>cm1</i> | | | | | Violet | 11 | 2 | 22 |
| <i>Mitella</i> | <i>diphylla</i> | | | L. | | Two-leaved miterwort | 11 | 2 | 22 |
| <i>Strophostyles</i> | <i>helvola</i> | | | (L.) Ell. | | Wild bean | 6 | 3 | 18 |
| <i>Triosteum</i> | <i>perfoliatum</i> | | | L. | | Horse-gentian | 6 | 3 | 18 |
| <i>Allium</i> | <i>tricoccum</i> | var. | <i>burdickii</i> | Aiton | Hanes. | Burdick's leek | 6 | 3 | 18 |
| <i>Asclepias</i> | <i>exaltata</i> | | | L. | | Poke milkweed | 6 | 3 | 18 |
| <i>Zizia</i> | <i>aurea</i> | | | (L.) Koch | | Golden alexanders | 6 | 3 | 18 |
| <i>Fragaria</i> | <i>virginiana</i> | | | Duchesne | | Common strawberry | 6 | 3 | 18 |
| <i>Trillium</i> | <i>grandiflorum</i> | | | (Michx.) Salisb. | | Large-flowered trillium | 6 | 3 | 18 |
| <i>Lactuca</i> | <i>spp.</i> | | | | | Wild lettuce | 6 | 3 | 18 |
| <i>Anemone</i> | <i>americana</i> | | | (D.C.) Hara | | Round-lobed hepatica | 6 | 3 | 18 |
| <i>Zizia</i> | <i>aptera</i> | | | (Gray) Fern. | | Heart-leaved alexanders | 6 | 3 | 18 |
| <i>Veronicastrum</i> | <i>virginicum</i> | | | (L.) Farw. | | Culver's root | 6 | 3 | 18 |
| <i>Pyrola</i> | <i>elliptica</i> | | | Nutt. | | Common pyrola | 6 | 3 | 18 |
| <i>Rudbeckia</i> | <i>laciniata</i> | | | L. | | Goldenglow | 6 | 3 | 18 |

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|-----------------------------------|------------------------|------|------------------|------------------------|--------|--------------------------|----|----|-----|
| <i>Dioscorea</i> | <i>villosa</i> | | | L. | | Wild yam | 6 | 3 | 18 |
| <i>Campanula</i> | <i>rotundifolia</i> | | | L. | | Harebell | 6 | 3 | 18 |
| <i>Cardamine</i> | <i>concatenata</i> | | | (Michx.) O. Schwarz | | Cut-leaved toothwort | 6 | 3 | 18 |
| <i>Viola</i> | <i>cm3</i> | | | | | Dog violet | 6 | 3 | 18 |
| <i>Dicentra</i> | <i>cucullaria</i> | | | (L.) Bernh. | | Dutchman's-breeches | 6 | 3 | 18 |
| <i>Pedicularis</i> | <i>canadensis</i> | | | L. | | Wood-betony | 6 | 3 | 18 |
| <i>Lilium</i> | <i>michiganense</i> | | | Farw. | | Michigan lily | 11 | 1 | 11 |
| <i>Aplectrum</i> | <i>hyemale</i> | | | (Willd.) Torr. | | Putty-root | 6 | 1 | 6 |
| <i>Aster</i> | <i>sagittifolius</i> | | | Willd. | | Tail-leaved aster | 6 | 1 | 6 |
| <i>Aster</i> | <i>lateriflorus</i> | | | (L.) Britt. | | Side-flowering aster | 6 | 1 | 6 |
| Grasses, Rushes and Sedges | | | | | | | | | |
| <i>Carex</i> | <i>pedunculata</i> | | | Muhl. ex Willd. | | Long-stalked sedge | 50 | 10 | 500 |
| <i>Carex</i> | <i>pennsylvanica</i> | | | Lam. | | Pennsylvania sedge | 67 | 5 | 335 |
| <i>Brachyelytrum</i> | <i>erectum</i> | | | (Schreb.) Beauv. | | Bearded shorthusk | 33 | 5 | 165 |
| <i>Oryzopsis</i> | <i>racemosa</i> | | | (Smith) Ricker | | Black-fruited rice-grass | 28 | 5 | 140 |
| <i>Carex</i> | <i>blanda</i> | | | Dewey | | Charming sedge | 33 | 3 | 99 |
| <i>Carex</i> | <i>radiata</i> | | | (Wahlenb.) Small | | Stellate sedge | 28 | 3 | 84 |
| <i>Elymus</i> | <i>hystrix</i> | | | L. | | Bottlebrush grass | 28 | 3 | 84 |
| <i>Schizachne</i> | <i>purpurascens</i> | | | (Torr.) Swallen | | False melic grass | 17 | 4 | 68 |
| <i>Oryzopsis</i> | <i>asperifolia</i> | | | Michx. | | Moutain rice-grass | 17 | 3 | 51 |
| <i>Festuca</i> | <i>subverticillata</i> | | | (Pers.) E. Alexeev. | | Nodding fescue | 17 | 3 | 51 |
| <i>Bromus</i> | <i>altissimus</i> | | | Pursh | | Broad-glumed brome | 17 | 3 | 51 |
| <i>Carex</i> | <i>gracillima</i> | | | Schwein. | | Graceful sedge | 17 | 2 | 34 |
| <i>Carex</i> | <i>deweyana</i> | | | Schwein. | | Dewey's sedge | 17 | 2 | 34 |
| <i>Elymus</i> | <i>virginicus</i> | | | L. | | Virginia wild rye | 11 | 3 | 33 |
| <i>Carex</i> | <i>rosea</i> | | | Schk. | | Rolled-up sedge | 11 | 2 | 22 |
| <i>Leersia</i> | <i>virginica</i> | | | Willd. | | White grass | 6 | 3 | 18 |
| <i>Carex</i> | <i>intumescens</i> | var. | <i>fernaldii</i> | Rudge | Bailey | Bladder sedge | 6 | 3 | 18 |
| <i>Carex</i> | <i>sprengelii</i> | | | Spreng. | | Sprengel's sedge | 6 | 3 | 18 |
| <i>Carex</i> | <i>peckii</i> | | | Howe | | Peck's sedge | 6 | 3 | 18 |
| <i>Carex</i> | <i>leptonervia</i> | | | Fern. | | Fine-nerved sedge | 6 | 3 | 18 |

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| | | | | | | | | | | |
|------------------------------|----------------------|------|----------------------|-----------------|-------|-----------------------|--|----|---|-----|
| <i>Carex</i> | <i>sparganioides</i> | | | Muhl. ex Willd. | | Sparganium-like sedge | | 6 | 3 | 18 |
| <i>Carex</i> | <i>hirtifolia</i> | | | Mack. | | Hairy-leaved sedge | | 6 | 3 | 18 |
| <i>Milium</i> | <i>effusum</i> | var. | <i>cisatlanticum</i> | L. | Fern. | Woodland millet grass | | 6 | 1 | 6 |
| Ferns and Fern Allies | | | | | | | | | | |
| <i>Athyrium</i> | <i>filix-femina</i> | var. | <i>angustum</i> | (L.) Roth | | Lady-fern | | 56 | 3 | 168 |
| <i>Adiantum</i> | <i>pedatum</i> | | | L. | | Maidenhair fern | | 50 | 3 | 150 |
| <i>Botrychium</i> | <i>virginianum</i> | | | (L.) Sw. | | Rattlesnakefern | | 61 | 2 | 122 |
| <i>Osmunda</i> | <i>claytoniana</i> | | | L. | | Interrupted fern | | 11 | 3 | 33 |
| <i>Cystopteris</i> | <i>fragilis</i> | | | (L.) Bernh. | | Fragile bladder-fern | | 11 | 3 | 33 |
| <i>Equisetum</i> | <i>spp.</i> | | | L. | | Horsetail | | 11 | 2 | 22 |
| <i>Cystopteris</i> | <i>bulbifera</i> | | | (L.) Bernh. | | Bulblet bladder-fern | | 6 | 3 | 18 |
| <i>Onoclea</i> | <i>sensibilis</i> | | | L. | | Sensitive fern | | 6 | 3 | 18 |
| <i>Equisetum</i> | <i>pratense</i> | | | Ehrh. | | Meadow horsetail | | 6 | 3 | 18 |

| Exotic Invasive Species - Do Not Plant | | | | | | | | | | |
|---|--------------------|--|--|-------------------------|--|------------------------|--|----|---|----|
| <i>Rhamnus</i> | <i>cathartica</i> | | | L. | | Common buckthorn | | 17 | 4 | 68 |
| <i>Taraxacum</i> | <i>spp.</i> | | | | | Common dandelion | | 17 | 2 | 34 |
| <i>Alliaria</i> | <i>petiolata</i> | | | (Bieb.) Cavara & Grande | | Garlic-mustard | | 6 | 3 | 18 |
| <i>Solanum</i> | <i>dulcamara</i> | | | L. | | Bittersweet nightshade | | 6 | 3 | 18 |
| <i>Polygonum</i> | <i>convolvulus</i> | | | L. | | Black bindweed | | 6 | 1 | 6 |
| <i>Verbascum</i> | <i>thapsus</i> | | | L. | | Common mullein | | 6 | 1 | 6 |
| <i>Phalaris</i> | <i>arundinacea</i> | | | L. | | Reed canary-grass | | 6 | 1 | 6 |

| State Listed Rare Species - Do Not Plant Without a Permit | | | | | | | | | | |
|--|----------------------|------|-----------------|----------|----------------|--------------------|----|----|---|----|
| <i>Panax</i> | <i>quinquefolium</i> | | | L. | | American ginseng | SC | 33 | 3 | 99 |
| <i>Carex</i> | <i>laxiculmis</i> | var. | <i>copulata</i> | Schwein. | (Bailey) Fern. | Loose-culmed sedge | T | 6 | 3 | 18 |
| <i>Juglans</i> | <i>cinerea</i> | | | L. | | Butternut | SC | 6 | 1 | 6 |

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

¹Native Plant Community Species Lists for East-central Minnesota

Class: Southern Mesic Oak-Basswood Forest MHs38