APPENDIX D: RECOMMENDED SPECIES

APPENDIX E: Recommended Species for Seeding & Plugs

Prairie Recommended Species Lists (Graminoids)

<u>Scientific Name</u>	<u>Common Name</u>	Habitat	Exposure
Andropogon gerardii	big bluestem	upland moist, upland dry	full sun
Bouteloua hirsuta	hairy grama	upland dry	full sun
Koeleria macrantha	junegrass	upland dry	full sun
Bromus kalmii	Kalm's brome	transitional, upland moist, upland dry	full sun
Schizachyrium scoparium	little bluestem	upland moist, upland dry	full sun
Elymus canadensis	nodding wild rye	upland moist, upland dry	full sun
Hesperostipa spartea	porcupine grass	upland dry	full sun
Sporobolus heterolepis	prairie dropseed	upland moist, upland dry	full sun
Calamovilfa longifolia	prairie sandreed	upland dry	full sun
Sporobolus cryptandrus	sand dropseed	upland dry	full sun
Bouteloua curtipendula	side-oats grama	upland moist, upland dry	full sun
Carex sprengelii	Sprengel's sedge	upland moist, upland dry	full sun, partial sun
Panicum virgatum	switchgrass	transitional, upland moist, upland dry	full sun

Prairie Recommended Species Lists (Wildflowers and Ferns)

<u>Scientific Name</u>	Common Name	<u>Habitat</u>	Exposure
Agastache foeniculum	blue giant hyssop	upland moist, upland dry	full sun, partial sun
Allium stellatum	prairie wild onion	upland moist, upland dry	full sun, partial sun
Anaphalis margaritacea	pearly everlasting	upland dry	full sun
Anemone cylindrica	long-headed thimbleweed	upland moist, upland dry	full sun
Anemone patens	Pasque flower	upland dry	full sun
Antennaria neglecta	field pussytoes	upland dry	full sun, partial sun
Aquilegia canadensis	columbine	upland moist, upland dry	full sun, partial sun, full shade
Artemisia ludoviciana	white sage	upland dry	full sun
Asclepias tuberosa	butterflyweed	upland dry	full sun, partial sun

Asclepias verticillata	pias verticillata whorled milkweed		full sun, partial sun
Campanula rotundifolia	harebell	upland moist, upland dry	full sun, partial sun
Carolina delphinium	Prairie larkspur	upland dry	full sun
Coreopsis palmata	bird's foot coreopsis	upland moist, upland dry	full sun, partial sun
Dalea candida	White prairie clover	upland moist, upland dry	full sun
Dalea purpurea	purple prairie clover	upland moist, upland dry	full sun
Desmodium canadense	Canada tick trefoil	upland moist, upland dry	full sun, partial sun
Eurybia macrophylla	large-leaved aster	upland moist, upland dry	full sun, partial sun, full shade
Fragaria virginiana	common strawberry	upland moist, upland dry	full sun, partial sun
Geum triflorum	prairie smoke	upland moist, upland dry	full sun
Helianthus hirsutus	hairy sunflower	upland moist, upland dry	full sun, partial sun
Helianthus maximiliani	Maximilian's sunflower	upland moist, upland dry	full sun
Helianthus pauciflorus	Stiff sunflower	upland moist, upland dry	full sun
Helianthus strumosus	woodland sunflower	upland moist, upland dry	full sun, partial sun
Heliopsis helianthoides	ox-eye	upland moist, upland dry	full sun, partial sun
Heuchera richardsonii	alumroot	upland moist, upland dry	full sun, partial sun
Lespedeza capitata	round-headed bush clover	upland moist, upland dry	full sun, partial sun
Liatris aspera	rough blazing star	upland moist, upland dry	full sun, partial sun
Liatris cylindracea	cylindric blazing star	upland dry	full sun
Liatris punctata	dotted blazing star	upland dry	full sun
Maianthemum stellatum	Starry false Solomon's seal	upland moist, upland dry	full sun, partial sun, full shade
Monarda fistulosa	wild bergamot	upland moist, upland dry	full sun, partial sun
Penstemon gracilis	slender beard tongue	upland moist, upland dry	full sun
Penstemon grandiflorus	large-flowered beard tongue	upland dry	full sun
Potentilla arguta subsp. arguta	tall cinquefoil	upland moist, upland dry	full sun
Pteridium aquilinum	bracken	upland moist, upland dry	full sun, partial sun, full shade
Pycnanthemum virginianum	Virginia mountain mint	transitional, upland moist, upland dry	full sun, partial sun
Ratibida columnifera	prairie coneflower	upland dry	full sun

Rudbeckia hirta	black-eyed susan	upland moist, upland dry	full sun, partial sun
Sisyrinchium campestre	field blue-eyed grass	upland moist, upland dry	full sun, partial sun
Symphyotrichum ericoides	heath aster	upland moist, upland dry	full sun, partial sun
Symphyotrichum oolentangiense	skyblue aster	upland moist, upland dry	full sun, partial sun
Symphyotrichum sericeum	silky aster	upland moist, upland dry	full sun
Tradescantia bracteata	bracted spiderwort	upland moist, upland dry	full sun, partial sun
Verbena stricta	hoary vervain	upland moist, upland dry	full sun

<u>Scientific Name</u>	Common Name	<u>Life Form</u>	<u>Habitat</u>	<u>Height (feet)</u>
Ceanothus americanus	American New Jersey tea	Shrubs	upland dry	2.0 - 3.0
Amorpha canescens	leadplant	Shrubs	upland moist, upland dry	2.0 - 4.0
Rosa arkansana	prairie rose	Shrubs	upland dry	1.0 - 3.0

Oak/Savanna Recommended Species Lists (Grasses)

<u>Scientific Name</u>	<u>Common Name</u>	<u>Habitat</u>	<u>Exposure</u>
Andropogon gerardii	big bluestem	upland moist, upland dry	full sun
Elymus hystrix	bottlebrush grass	transitional, upland moist, upland dry	partial sun, full shade
Bouteloua hirsuta	hairy grama	upland dry	full sun
Koeleria macrantha	junegrass	upland dry	full sun
Bromus kalmii	Kalm's brome	transitional, upland moist, upland dry	full sun
Schizachyrium scoparium	little bluestem	upland moist, upland dry	full sun
Elymus canadensis	nodding wild rye	upland moist, upland dry	full sun
Carex sprengelii	Sprengel's sedge	upland moist, upland dry	full sun, partial sun
Carex pensylvanica	Pennsylvania sedge	upland moist, upland dry	partial sun, full shade
Hesperostipa spartea	porcupine grass	upland dry	full sun

Sporobolus heterolepis	prairie dropseed	upland moist, upland dry	full sun
Calamovilfa longifolia	prairie sandreed	upland dry	full sun
Bouteloua curtipendula	side-oats grama	upland moist, upland dry	full sun
Panicum virgatum	switchgrass	transitional, upland moist, upland dry	full sun

Oak/Savanna Recommended Species Lists (Wildflowers and Ferns)

<u>Scientific Name</u>	<u>Common Name</u>	<u>Habitat</u>	Exposure
Agastache foeniculum	blue giant hyssop	upland moist, upland dry	full sun, partial sun
Allium stellatum	prairie wild onion	upland moist, upland dry	full sun, partial sun
Anaphalis margaritacea	pearly everlasting	upland dry	full sun
Anemone patens	Pasque flower	upland dry	full sun
Antennaria neglecta	field pussytoes	upland dry	full sun, partial sun
Apocynum androsaemifolium	spreading dogbane	upland moist, upland dry	full sun, partial sun, full shade
Aquilegia canadensis	columbine	upland moist, upland dry	full sun, partial sun, full
Artemisia ludoviciana	white sage	upland dry	full sun
Asclepias tuberosa	butterflyweed	upland dry	full sun, partial sun
Asclepias verticillata	whorled milkweed	upland dry	full sun, partial sun
Campanula rotundifolia	harebell	upland moist, upland dry	full sun, partial sun
Carolina delphinium	Prairie larkspur	upland dry	full sun
Coreopsis palmata	bird's foot coreopsis	upland moist, upland dry	full sun, partial sun
Dalea candida	White prairie clover	upland moist, upland dry	full sun
Dalea purpurea	purple prairie clover	upland moist, upland dry	full sun
Eurybia macrophylla	large-leaved aster	upland moist, upland dry	full sun, partial sun, full shade
Fragaria virginiana	common strawberry	upland moist, upland dry	full sun, partial sun
Galium boreale	northern bedstraw	upland moist, upland dry	full sun, partial sun
Geum triflorum	prairie smoke	upland moist, upland dry	full sun

Helianthus hirsutus	hairy sunflower	upland moist, upland dry	full sun, partial sun
Helianthus maximiliani	Maximilian's sunflower	upland moist, upland dry	full sun
Helianthus pauciflorus	Stiff sunflower	upland moist, upland dry	full sun
Helianthus strumosus	woodland sunflower	upland moist, upland dry	full sun, partial sun
Heliopsis helianthoides	ox-eye	upland moist, upland dry	full sun, partial sun
Heuchera richardsonii	alumroot	upland moist, upland dry	full sun, partial sun
Lespedeza capitata	round-headed bush clover	upland moist, upland dry	full sun, partial sun
Liatris aspera	rough blazing star	upland moist, upland dry	full sun, partial sun
Liatris cylindracea	cylindric blazing star	upland dry	full sun
Liatris punctata	dotted blazing star	upland dry	full sun
Maianthemum stellatum	Starry false Solomon's seal	upland moist, upland dry	full sun, partial sun, full
Monarda fistulosa	wild bergamot	upland moist, upland dry	full sun, partial sun
Penstemon gracilis	slender beard tongue	upland moist, upland dry	full sun
Penstemon grandiflorus	large-flowered beard tongue	upland dry	full sun
Polygonatum biflorum	giant Solomon's seal	upland moist, upland dry	partial sun, full shade
Potentilla arguta	tall cinquefoil	upland moist, upland dry	full sun
Pycnanthemum virginianum	Virginia mountain mint	transitional, upland moist, upland dry	full sun, partial sun
Ratibida columnifera	prairie coneflower	upland dry	full sun
Rudbeckia hirta	black-eyed susan	upland moist, upland dry	full sun, partial sun
Sisyrinchium campestre	field blue-eyed grass	upland moist, upland dry	full sun, partial sun
Solidago flexicaulis	zigzag goldenrod	upland moist, upland dry	partial sun, full shade
Solidago nemoralis	gray goldenrod	upland dry	full sun
Solidago speciosa	showy goldenrod	upland moist, upland dry	full sun
Symphyotrichum ericoides	heath aster	upland moist, upland dry	full sun, partial sun
Symphyotrichum oolentangiense	skyblue aster	upland moist, upland dry	full sun, partial sun
Symphyotrichum sericeum	silky aster	upland moist, upland dry	full sun
Thalictrum thalictroides	rue anemone	upland moist, upland dry	partial sun, full shade
Tradescantia bracteata	bracted spiderwort	upland moist, upland dry	full sun, partial sun
Verbena stricta	hoary vervain	upland moist, upland dry	full sun
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<u>Scientific Name</u>	<u>Common Name</u>	<u>Life Form</u>	<u>Habitat</u>	Exposure	<u>Height (feet)</u>
Quercus macrocarpa	bur oak	Tree	upland moist, upland dry	full sun	50.0 - 80.0
Quercus ellipsoidalis	northern pin oak	Tree	upland moist, upland dry	full sun, partial sun	50.0 - 70.0
Diervilla lonicera	bush honeysuckle	Shrubs	upland moist, upland dry	full sun, partial sun, full shade	1.0 - 4.0
Amorpha canescens	leadplant	Shrubs	upland moist, upland dry	full sun	2.0 - 4.0
Rosa arkansana	prairie rose	Shrubs	upland dry	full sun	1.0 - 3.0

Oak/Savanna Recommended Species Lists (Trees and Shrubs)

Oak Woodland Recommended Species Lists (Grasses)

<u>Scientific Name</u>	<u>Common Name</u>	<u>Life Form</u>	<u>Habitat</u>
Bromus ciliatus	fringed brome	Grasses, Sedges and Rushes	transitional, upland moist
Carex blanda	charming sedge	Grasses, Sedges and Rushes	upland moist
Carex gracillima	graceful sedge	Grasses, Sedges and Rushes	upland moist
Carex pennsylvanica	Pennsylvania sedge	Grasses, Sedges and Rushes	upland moist, upland dry
Carex sprengelii	Sprengel's sedge	Grasses, Sedges and Rushes	upland moist, upland dry
Elymus hystrix	bottlebrush grass	Grasses, Sedges and Rushes	transitional, upland moist, upland dry
Elymus villosus	downy wild rye	Grasses, Sedges and Rushes	upland moist
Elymus virginicus	Virginia wildrye	Grasses, Sedges and Rushes	transitional, upland moist
Panicum leibergii	Leiberg's panic grass	Grasses, Sedges and Rushes	upland moist

Oak Woodland Recommended Species Lists (Wildflowers and Ferns)

<u>Scientific Name</u>	<u>Common Name</u>	Life Form	Habitat
Anemone canadensis	canada anemone	Ferns and Wildflowers	transitional, upland moist
Anemone quinquefolia	wood anemone	Ferns and Wildflowers	upland moist
Aquilegia canadensis	columbine	Ferns and Wildflowers	upland moist, upland dry
Aralia nudicaulis	wild sarsaparilla	Ferns and Wildflowers	upland moist, upland dry
Asarum canadense	wild ginger	Ferns and Wildflowers	upland moist
Asclepias verticillata	whorled milkweed	Ferns and Wildflowers	upland dry
Athyrium filix-femina	Lady fern	Ferns and Wildflowers	upland moist
Eurybia macrophylla	large-leaved aster	Ferns and Wildflowers	upland moist, upland dry
Galium boreale	northern bedstraw	Ferns and Wildflowers	upland moist, upland dry
Geranium maculatum	wild geranium	Ferns and Wildflowers	upland moist
Maianthemum racemosum	False Solomon's seal	Ferns and Wildflowers	upland moist
Maianthemum stellatum	Starry false Solomon's seal	Ferns and Wildflowers	upland moist, upland dry
Mertensia virginica	Virginia bluebells	Ferns and Wildflowers	transitional, upland moist
Osmunda clavtoniana	interrupted fern	Ferns and Wildflowers	transitional, upland moist
Podophyllum peltatum	mayapple	Ferns and Wildflowers	upland moist
Polygonatum biflorum	giant Solomon's seal	Ferns and Wildflowers	upland moist, upland dry
Solidago flexicaulis	zigzag goldenrod	Ferns and Wildflowers	upland moist, upland dry
Thalictrum dioicum	early meadow-rue	Ferns and Wildflowers	upland moist
Thalictrum thalictroides	rue anemone	Ferns and Wildflowers	upland moist, upland dry
Viola sororia	common blue violet	Ferns and Wildflowers	transitional, upland moist
Zizia aurea	golden alexanders	Ferns and Wildflowers	transitional, upland moist
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Oak Woodland Recommended Species Lists (Trees and Shrubs)

Scientific Name	<u>Common Name</u>	<u>Life Form</u>	Habitat	<u>Height (feet)</u>
Acer rubrum	red maple	Tree	transitional, upland moist	40.0 - 60.0

Ostrya virginiana	ironwood	Tree	upland moist, upland dry	20.0 - 40.0
Quercus alba	white oak	Tree	upland moist, upland dry	60.0 - 80.0
Quercus ellipsoidalis	northern pin oak	Tree	upland moist, upland dry	50.0 - 70.0
Quercus macrocarpa	Bur Oak	Tree	upland moist, upland dry	
Amelanchier interior	inland juneberry	Shrub	upland moist, upland dry	10.0 - 20.0
Cornus racemosa	gray dogwood	Shrub	upland moist, upland dry	5.0 - 15.0
Corylus americana	American hazelnut	Shrub	upland moist, upland dry	3.0 - 10.0
Corylus cornuta	beaked hazelnut	Shrub	upland moist, upland dry	3.0 - 10.0
Diervilla lonicera	bush honeysuckle	Shrub	upland moist, upland dry	1.0 - 4.0

Lowlands Recommended Species Lists (Wildflowers and Ferns)

Scientific Name	ntific Name <u>Common Name</u> <u>Habitat</u>		<u>Exposure</u>
Anemone canadensis	canada anemone	transitional, upland moist	full sun, partial sun
Angelica atropurpurea	angelica	transitional	full sun, partial sun
Arisaema triphyllum	Jack-in-the-pulpit	transitional, upland moist	partial sun, full shade
Boltonia asteroides	false aster	transitional, upland moist	full sun, partial sun
Calla palustris	wild calla	aquatic, transitional	full sun, partial sun
Caltha palustris	common boneset	transitional	full sun, partial sun, full shade
Campanula americana	Tall bellflower	transitional, upland moist	partial sun
Campanula aparinoides	marsh bellflower	transitional	full sun, partial sun
Chelone glabra	white turtlehead	transitional	full sun, partial sun
Cirsium muticum	swamp thistle	transitional	full sun, partial sun
Cutellaria galericulata	marsh skullcap S	transitional	full sun, partial sun
Doellingeria umbellata	flat-topped aster	transitional, upland moist	full sun, partial sun
Epilobium angustifolium	fireweed	transitional, upland moist	full sun, partial sun
Epilobium glandulosum	northern willow herb	transitional	full sun, partial sun
Equisetum fluviatile	water horsetail	aquatic, transitional	full sun, partial sun
Eupatorium perfoliatum	common boneset	transitional, upland moist	full sun, partial sun
Eutrochium maculatum	Spotted Joe-Pye-weed	transitional, upland moist	full sun, partial sun
Gentiana andrewsii	bottle gentian	transitional, upland moist	full sun, partial sun
Helenium autumnale	autumn sneezeweed	transitional, upland moist	full sun, partial sun

Helianthus grosseserratus	sawtooth sunflower	transitional, upland moist	full sun, partial sun
Hypericum pyramidatum	Great St. John's-wort	transitional, upland moist	full sun, partial sun
Iris versicolor	northern blue flag	transitional	full sun, partial sun
Lathyrus palustris	marsh vetchling	transitional	full sun, partial sun
Liatris ligulistylis	northern plains blazing star	transitional, upland moist	full sun, partial sun
Liatris pycnostachya	great blazing star	transitional, upland moist	full sun, partial sun
Lilium michiganense	Michigan lily	transitional, upland moist	full sun, partial sun
Lilium philadelphicum	wood lily	transitional, upland moist	full sun, partial sun
Lobelia siphilitica	great lobelia	transitional, upland moist	full sun, partial sun
Lycopus americanus	cut-leaved bugleweed	transitional	full sun, partial sun
Lysimachia ciliata	fringed loosestrife	transitional, upland moist	full sun, partial sun
Lysimachia thyrsiflora	tufted loosestrife	transitional	full sun, partial sun
Matteuccia struthiopteris	Ostrich fern	transitional, upland moist	full shade
Micranthes pensylvanica	Swamp saxifrage	transitional	full sun, partial sun, full shade
Mimulus ringens	blue monkey flower	transitional	full sun, partial sun
Onoclea sensibilis	sensitive fern	transitional, upland moist	full sun, partial sun
Osmunda cinnamomea	cinnamon fern	transitional	partial sun, full shade
Osmunda claytoniana	interrupted fern	transitional, upland moist	partial sun, full shade
Osmunda regalis	royal fern	transitional	partial sun, full shade
Physostegia virginiana	obedient plant	transitional, upland moist	full sun, partial sun
Pontederia cordata	pickerelweed	aquatic, transitional	full sun, partial sun
Potentilla palustris	Marsh-cinquefoil	transitional	full sun, partial sun
Pycnanthemum virginianum	Virginia mountain mint	transitional, upland moist, upland dry	full sun, partial sun
Ranunculus hispidus	hispid buttercup	transitional	full sun, partial sun
Rudbeckia laciniata	tall coneflower	transitional, upland moist	full sun, partial sun
Sagittaria cuneata	arum-leaved arrowhead	aquatic, transitional	full sun, partial sun
Sagittaria latifolia	broad-leaved arrowhead	aquatic, transitional	full sun, partial sun
Sagittaria rigida	sessile-fruited arrowhead	aquatic, transitional	full sun, partial sun
Scutellaria lateriflora	mad dog skullcap	transitional	full sun, partial sun
Silphium perfoliatum	cup plant	transitional, upland moist	full sun, partial sun
Sium suave	water parsnip	transitional	full sun, partial sun
Solidago gigantea	giant goldenrod	transitional, upland moist	full sun, partial sun

Stachys palustris	woundwort	transitional, upland moist	full sun, partial sun
Symphyotrichum novae- angliae	New England aster	transitional, upland moist	full sun, partial sun
Symphyotrichum puniceum	red-stemmed aster	transitional	full sun, partial sun
Thalictrum dasycarpum	tall meadow-rue	transitional	full sun, partial sun
Thelypteris palustris	northern marsh fern	transitional	full sun, partial sun
Triadenum fraseri	marsh St. John's wort	transitional	full sun, partial sun
Vernonia fasciculata	bunched ironweed	transitional, upland moist	full sun, partial sun
Veronicastrum virginicum	Culver's root	transitional, upland moist	full sun, partial sun
Viola sororia	common blue violet	transitional, upland moist	full sun, partial sun, full shade
Zizia aurea	golden alexanders	transitional, upland moist	full sun, partial sun

Lowlands Recommended Species Lists (Grasses and Sedges)

Scientific Name	Common Name	<u>Habitat</u>	Exposure
Bromus ciliatus	fringed brome	transitional, upland moist	full sun, partial sun
Carex prairea	prairie sedge	transitional	full sun, partial sun
Carex stipata	awl-fruited sedge	transitional	full sun, partial sun
Elymus hystrix	bottlebrush grass	transitional, upland moist, upland dry	partial sun, full shade
Elymus virginicus	Virginia wildrye	transitional, upland moist	partial sun
Glyceria striata	fowl manna grass	transitional	full sun, partial sun
Juncus tenuis	path rush	transitional, upland moist	full sun, partial sun
Poa palustris	fowl bluegrass	transitional	full sun, partial sun

Lowlands Recommended Species Lists (Trees and Shrubs)

Scientific Name	Common Name	Life Form	<u>Habitat</u>	<u>Height (feet)</u>
Alnus incana	Speckled alder	Shrub	transitional, upland moist	10.0 - 25.0
Amorpha fruticosa	false indigo	Shrub	transitional, upland moist	6.0 - 12.0
Aronia melanocarpa	black chokeberry	Shrub	transitional, upland moist, upland dry	3.0 - 6.0
Betula pumila	bog birch	Shrub	transitional	4.0 - 8.0
Cornus amomum	silky dogwood	Shrub	transitional, upland moist	5.0 - 12.0
Cornus sericea	Red-osier dogwood	Shrub	transitional, upland moist, upland dry	5.0 - 12.0

Ilex verticillata	winterberry	Shrub	transitional, upland moist	5.0 - 12.0
Salix humilis	prairie willow	Shrub	transitional, upland moist, upland dry	3.0 - 9.0
Sambucus canadensis	Common elderberry	Shrub	transitional, upland moist	3.0 - 12.0
Spiraea alba	white meadowsweet	Shrub	transitional	3.0 - 5.0
Spiraea tomentosa	Steeplebush	Shrub	transitional	3.0 - 4.0
Viburnum trilobum	highbush cranberry	Shrub	transitional, upland moist	5.0 - 15.0
Acer rubrum	red maple	Tree	transitional, upland moist	40.0 - 60.0
Acer saccharinum	silver maple	Tree	transitional, upland moist	75.0 - 100.0
Betula alleghaniensis	yellow birch	Tree	transitional, upland moist	60.0 - 80.0
Populus deltoides	cottonwood	Tree	transitional, upland moist, upland dry	80.0 - 90.0
Salix amygdaloides	peach-leaved willow	Tree	transitional, upland moist	30.0 - 50.0
Salix nigra	black willow	Tree	transitional	30.0 - 50.0