

Planting 87 – Sandstone Bluffs – Fall 2008

Introduction:

The sandy field that was planted is small, just over one acre. It is flanked to the east and the north by tall sandstone bluffs. To the south the area is densely wooded. To the west, the woods are slightly more open. Although degraded, the surroundings have some remnant vegetation-- notably *Lupinus perennis*, *Rosa carolina*, *Krigia biflora*, *Helianthemum canadense*, *Viola pedata* and two orchid species- *Orchis spectabilis* and *Liparis lilifolia*.

Trees along the borders are oak and hickory. Invasive honeysuckle is heavy but the predominant bordering shrubs are species of *Rubus* .

The field has been a hayfield for many years. Certainly, this established a secure weed population. In 2008 it was planted in corn. After the harvest, the field was raked. Planting was done largely in November.

Species collected, processed and planted:

#	Species	Common Name	Habitat	Wt lbs	Flower color	"C"	NW C
1.	<i>Actinomeris alternifolia</i>	Wingstem	Floodplains	.5	Yellow	5	FW
2.	<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop	Open woods, edges	.5	Purplish	5	U
3.	<i>Amorpha canescens</i>	Leadplant	Swale; knob, hillside	.5	Blue/Violet	9	U
4.	<i>Amorpha fruticosa</i>	Indigo Bush	Floodplains	.5	Blue/Violet	6	FW
5.	<i>Andropogon scoparius</i>	Little Bluestem	Dry, rocky or sandy prairie	20.0	Green	5	U
6.	<i>Anemone canadensis</i>	Meadow Anemone	Open prairie	.5	White	4	FW
7.	<i>Anemone cylindrica</i>	Thimbleweed	Savanna, dry prairie	.5	White	6	U
8.	<i>Antennaria neglecta</i>	Field Cat's Foot (Pussytoes)	Dry prairie, savanna	.5	White	4	U
9.	<i>Arenaria (Minuartia) stricta</i>	Stiff Sandwort	Sandy areas	<.1	White	10	U
10.	<i>Artemisia caudata</i>	Beach Wormwood	Sandy areas	.5	Green	5	U

11.	(campestris) Asclepias verticillata	Whorled Milkweed	Dry soils	.5	White	1	U
12.	Aster azureus (oolentangiensis)	Sky-blue Aster	Prairie, & wood borders	.5	Blue	8	U
13.	Aster ericoides (prostratus)	Heath Aster	Dry prairie	.5	White	5	FU-
14.	Aster furcatus ***	Forked Aster	Woods	<.1	White	10 (20)	F
15.	Aster laevis	Smooth (Blue)Aster	prairie & woods	.5	Blue/Violet	9	U
16.	Aster linariifolius	Stiff Aster	Savanna	.5	Blue	10	U
17.	Aster oblongifolius	Aromatic Aster	Dry habitats	.5	Blue/Violet	10	U
18.	Aster ptarmicoides (Solidago)	White Stiff Aster	Dry habitats	>.1	White	10	U
19.	Aster sericeus	Silky Aster	dry: prairie & woods	.5	Blue/Violet	10 [15]	U
20.	Astragalus canadensis	Canadian Milk Vetch	dry sandy prairie	1.0	White	10 [15]	U
21.	Baptisia leucantha	White Wild Indigo	prairie & woods	3.0	White	8	FU+
22.	Baptisia leucophaea	Cream Wild Indigo	prairie & woods	.5	Yellow	10 [15]	U
23.	Bouteloua curtipendula	Side-Oats Grama	hill prairie	.5	Green	8	U
24.	Bouteloua hirsuta	Hairy Grama	sandy prairie	<.1	Green	8	U
25.	Cacalia suaveolens	Sweet-scented Indian Plantain	wet: sedge meadow (SE corner)	.2	White	10 [15]	O
26.	Carex bicknellii	Copper- shouldered oval Sedge	Dry prairie	.5	Green	10	U
27.	Carex pennsylvanica	Common oak sedge	Savanna	<.1	Green	5	U
28.	Ceanothus americanus	New Jersey Tea	Dry prairie & savanna	.5	White	6	U
29.	Chrysopsis camporum	Golden aster	Sandy Prairie	1.0	Yellow	5	U
30.	Cinna arundinacea	Common Wood Reed	Moist woods	.5	Green	5	FW
31.	Cirsium hillii *** (pumilum)	Hill's Thistle	Prairie	<.1	Violet	10 (20)	U
32.	Coreopsis lanceolata	Sand Coreopsis	Dry, sandy prairie	<.1	Yellow	5	FU
33.	Coreopsis palmata	Prairie Coreopsis	Dry prairie & savanna	2.0	Yellow	6	U

34.	<i>Coreopsis tripteris</i>	Tall Coreopsis	Prairie & Savanna	2.0	Yellow	5	F
35.	<i>Danthonia spicata</i>	Poverty Oat Grass	clay pastures	<.1	Green	3	U
36.	<i>Desmodium canadense</i>	Showy Tick Trefoil	Prairie	.5	Blue/Violet	4	F-
37.	<i>Diarrhena americana</i>	Beak Grass	Woods	.5	Green	10	FU
38.	<i>Dodecatheon meadia</i>	Shooting Star	Prairie & savanna	1.0	Pink	6	FU
39.	<i>Echinacea pallida</i>	Pale Purple Coneflower	Prairie	14.0	Pink	8	U
40.	<i>Elymus canadensis</i>	Canada Wild Rye	Prairie	5.0	Green	4	F-
41.	<i>Elymus villosus</i>	Silky Wild Rye	Woods	1.0	Green	5	FU
42.	<i>Eragrostis spectabilis</i>	Purple Love Grass	Sandy prairie	<.1	Green	3	U
43.	<i>Eryngium yuccifolium</i>	Rattlesnake Master	Prairie	2.0	White	9	F+
44.	<i>Eupatorium altissimum</i>	Tall Boneset	Old fields	.5	White	0	FU
45.	<i>Eupatorium purpureum</i>	Purple Joe-Pye Weed	Savanna, clearings	.5	Purple	7	U
46.	<i>Euphorbia corollata</i>	Flowering Spurge	Prairie & woods	2.0	White	2	U
47.	<i>Gentiana purberulenta</i>	Prairie Gentian	Prairie	<.1	Blue/Violet	10	U
48.	<i>Gnaphalium obtusifolium</i>	Sweet Everlasting (Old-Field Balsam)	Sandy, old fields	.5	White	2	U
49.	<i>Helianthemum canadense</i>	Common Rockrose (Frostweed)	Sand prairie	<.1	Yellow	8	U
50.	<i>Helianthus hirsutus</i>	Hispid sunflower	Prairie & woods	1.0	Yellow	5	U
51.	<i>Helianthus occidentalis</i>	Western Sunflower; Naked S.	Dry soil; oak woods	2.0	Yellow	10	FU-
52.	<i>Heliopsis helianthoides</i>	False Sunflower; " Ox-eye "	Woods and prairie	1.0	Yellow	5	U
53.	<i>Heuchera richardsonii grayana</i>	Rough Heuchera; Alum root	Prairie	1.0	Green	8	F-
54.	<i>Hieracium gronovii</i>	Hairy Hawkweed	Sandy soils and savanna	<.1	Yellow	6	U
55.	<i>Houstonia (Hedyotis) longifolia (canadense)</i>	Long-Leaved Bluets	dry prairie, rock shelf edges	<.1	White	10 (20)	U
56.	<i>Hystrix patula (Elymus hystrix)</i>	Bottlebrush Grass	Savanna	2.0	Green	5	U
57.	<i>Koeleria cristata</i>	Prairie June Grass	Sandy Black Oak savanna	1.0	Green/Tan	7	U

58.	(macrantha) Krigia biflora	Two-flowered Cynthia (False Dandelion)	Prairies and savanna	<.1	Yellow/Orange	7	FU
59.	Krigia virginica	Dwarf Dandelion	Dry sandy soil	<.1	Yellow	6	U
60.	Kuhnia (Brickellia) eupatoroides corymbulosa	False Boneset	Dry woods; & prairies	2.0	White	4	U
61.	Lespedeza capitata --	Round-headed Bush Clover	Prairie & savanna	5.0	White	4	FU
62.	Liatris aspera	Rough Blazing- star (Rough Gayfeather)	Prairie and savanna	5.0	Violet	6	U
63.	Liatris pycnostachya	Tall Gayfeather; Prairie Blazing Star	Prairie	<.1	Violet	8	F-
64.	Linum sulcatum	Groved Yellow Flax	Prairie	1.0	Yellow	8	U
65.	Lupinus perennis	Wild Lupine	Sandy & (W/ Quercus velutina)	5.0	Blue	7	U
66.	Monarda fistulosa	Wild Bergamot	dry prairies & woods	5.0	Violet	4	U
67.	Monarda punctata villicualis	Horse Mint	aband. sandy fields	2.0	White	5	U
68.	Onosmodium hispidissimum	Marbleseed	dolomitic bedrock-- degraded dry	2.0	White	9	U
69.	Opuntia humifusa (compressa)	Prickly Pear Cactus		<.1	Yellow	5	U
70.	Oxalis violacea	Violet Wood- sorrel	knobs &	<.1	Purple	9 [15]	U
71.	Panicum oligosanthes scribneria	Scribner's Panic Grass	sandy prairie	1.0	Green	4	FU
72.	Parthenium integrifolium	Wild Quinine (Feverfew)	dry knob; & savanna	5.0	White	8	U
73.	Penstemon digitalis	Foxglove Beardtongue	prairie & savanna	3.0	White	4	F-
74.	Penstemon pallidus	Pale Beard Tongue	dry calc prairie	<.1	White/ Pink	6	U
75.	Petalostemum (Dalea) candidum	White Prairie Clover	dry prairie & savanna	.5	White	9	U
76.	Petalostemum (Dalea) purpureum	Purple Prairie Clover	prairies	3.0	Purple	9	U
77.	Physocarpus opulifolius	Ninebark	wet prairie, sedge meadow	3.0	Pink	8	FW-
78.	Polygala	Field Milkwort	meadows	1.0	Red	6	FU

79.	sanguinea Potentilla arguta	Prairie Cinquefoil	dry prairie	3.0	White	9	FU-
80.	Pycnanthemum virginianum	Mountain mint (Prairie Hyssop)	& dry pastures, gravel hill prairies	3.0	White	5	FW+
81.	Ratibida pinnata	Yellow Coneflower	& savanna	1.0	Yellow	4	U
82.	Rosa carolina	Pasture Rose	& dry,sandy,rocky, thin woods	5.0	Pink	5	FU-
83.	Rudbeckia hirta	Black-eyed Susan	& waste places	5.0	Yellow	1	FU
84.	Rudbeckia subtomentosa	Sweet Blackeyed Susan	& edges	3.0	Yellow	9	FU+
85.	Salix humilis	Prairie Willow	prairies	1.0	Green	6	FW
86.	Scrophularia lanceolata	Early figwort	sandy oak woods	<.5	Green	5	F+
87.	Silene stellata	Starry Campion	Woods	<.1	White	6	U
88.	Silphium integrifolium	Rosinweed	Prairie & savanna	5.0	Yellow	5	U
89.	Silphium laciniatum	Compass plant	Prairie	<.5	Yellow	5	U
90.	Sisyrinchium albidum	Common Blue-eyed Grass	Prairie	<.5	White/Blue	7	FU
91.	Solidago (Euthamia) graminifolia	Viscid Bushy Goldenrod	sandy prairie	2.0	Yellow	4	F
92.	Solidago missouriensis fasciculata	Missouri Goldenrod	dry prairie	1.0	Yellow	7	U
93.	Solidago nemoralis	Gray Goldenrod; Oldfield	Dry prairie	2.0	Yellow	4	U
94.	Solidago speciosa	Showy Goldenrod	savanna	4.0	Yellow	7	U
95.	Solidago ulmifolia	Elm-lvd Goldenrod	savanna	2.0	Yellow	5	U
96.	Sorghastrum nutans	Indian Grass	& prairie	1.0	Grass	5	FU+
97.	Sporobolus heterolepis	Prairie Dropseed	prairie	.5	Grass	10	FU-
98.	Stipa spartea	Porcupine Grass	dry prairie	1.0	Grass	7	U
99.	Talinum rugospermum ***	Sand Fameflower	sandstone outcrop	<.1	Pink	10	U
100.	Tradescantia ohiensis	Ohio Spiderwort	prairie & wood edges	5.0	Blue	4	FU+
101.	Triosteum perfoliatum	Horse Gentian (Feverwort)(Tinker's Weed)	woods, & savanna [W]	5.0	Yellow	5	U
102.	Verbena stricta	Hoary Vervain	dry	3.0	Blue	4	U

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103.	Vernonia fasciculata	Common Ironweed	wet meadows, pastures, prairies	<.5	Violet	5	FW
104.	Veronicastrum virginicum	Culver's Root	wet & savanna; moist swale [W]	1.0	White	7	F
105.	Viola fimbriatula	Sand Violet	& sandy, shallow soil prairie	<.1	Violet	6	U
106.	Viola pedata lineariloba	Birdsfoot Violet	outcrop - N.slope	<.1	Violet	9	U
107.	Wulfenia bullii *** (Besseyia)	Kittentails	prairie, clay , gravel	1.0	Yellow	10 (20)	U
108	Zizia aurea	Golden Alexanders	wet meadows	3.0	Yellow	7	F+

Notes on the 2009 growing season.

The area was monitored at approximately weekly intervals throughout the 2009 growing season.

Many Wild Lupine seedlings were observed. This species was planted over the entire planting and is now seen throughout.

At the northeast corner of the planting a sizable population of Frostweed occurs as an apparent remnant.

Venus Looking Glass, a native annual, is abundant although it was not planted.

Field Milkwort is abundant although only a small amount was planted.

The dominant forb is Black-eyed Susan.

Throughout the planting, Path Rush is abundant.

Common Dewberry is abundant.

The Canada Goldenrod growing along the planting edges could become a serious invader. Many flower heads have been removed to reduce the amount of seed especially where the more desirable natives are established along the eastern edge i.e. Silky Wild Rye.

Some very desirable natives occur along the edge of the planting i.e. Marbleseed.

The blooming of so many first year plants was very encouraging. Conservative asters, Rough Blazing-star, Naked Sunflower, and even the Wild Lupine bloomed and are setting seed.

Numerous weed sweeps were done concentrating on the removal of Yarrow, Horse nettle and Queen Anne's Lace.

Andropogon (Schizachyrium) scoparium	Little Bluestem
Anemone canadensis	Meadow Anemone
Anemone cylindrica	Thimbleweed
Antennaria neglecta	Field Cat's Foot
Arenaria (Minuartia) stricta	Stiff Sandwort
Artemisia caudata (campestris)	Beach Wormwood
Asclepias verticillata	Whorled Milkweed
Aster azureus (oolentangiensis)	Sky-blue Aster
Aster ericoides (prostratus)	Heath Aster
Aster furcatus ***	Forked Aster
Aster laevis	Smooth (Blue)(Silky) Aster
Aster linariifolius	Stiff Aster (Flax-Leaved)
Aster oblongifolius	Aromatic Aster
Aster sericeus	Silky Aster
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Baptisia leucantha	White Wild Indigo
Baptisia leucophaea	Cream Wild Indigo
Bouteloua curtipendula	Side-Oats Grama
Bouteloua hirsuta	Hairy Grama
Cacalia suaveolens	Sweet-scented Indian Plant
Carex bicknellii	Copper-shouldered oval Sec
Carex pennsylvanica	Common oak sedge
Ceanothus americanus	New Jersey Tea
Chrysopsis camporum	Golden aster
Cinna arundinacea	Common Wood Reed
Cirsium hillii *** (pumilum)	Hill's Thistle
Coreopsis lanceolata	Sand Coreopsis
Coreopsis palmata	Prairie Coreopsis
Coreopsis tripteris	Tall Coreopsis
Danthonia spicata	Poverty Oat Grass
Desmodium canadense	Showy Tick Trefoil
Diarrhena americana	Beak Grass
Dodecatheon meadia	Shooting Star
Echinacea pallida	Pale Purple Coneflower
Elymus canadensis	Prairie Wild Rye
Eragrostis spectabilis	Purple Love Grass
Eryngium yuccifolium	Rattlesnake Master
Eupatorium altissimum	Tall Boneset
Eupatorium purpureum	Purple Joe-Pye Weed
Euphorbia corollata	Flowering Spurge
Gentiana purberulenta	Prairie Gentian
Gnaphalium obtusifolium	Sweet Everlasting (Old-Fiel

Helianthemum canadense	Common Rockrose (Frostwe
Helianthus hirsutus	Hispid sunflower
Helianthus occidentalis	Western Sunflower; Naked S
Heliopsis helianthoides	False Sunflower; " Ox-eye "
Heuchera richardsonii grayana	Rough Heuchera; Alum root
Hieracium gronovii	Hairy Hawkweed
Houstonia (Hedyotis) longifolia (canadense)	Long-Leaved Bluets
Hystrix patula (Elymus hystrix)	Bottlebrush Grass
Koeleria cristata (macrantha)	Prairie June Grass
Krigia biflora	Two-flowered Cynthia (False
Krigia virginica	Dwarf Dandelion
Kuhnia (Brickellia) eupatoroides corymbulosa	False Boneset
Lespedeza capitata --	Round-headed Bush Clover
Liatris aspera	Rough Blazing-star (Rough I
Liatris pycnostachya	Tall Gayfeather; Prairie Blaz
Linum sulcatum	Groved Yellow Flax
Lupinus perennis	Wild Lupine
Monarda fistulosa	Wild Bergamot
Monarda punctata villicualis	Horse Mint
Onosmodium hispidissimum	Marbleseed
Opuntia humifusa (compressa)	Prickly Pear Cactus
Oxalis violacea	Violet Wood-sorrel
Panicum oligosanthos scribneria	Scribner's Panic Grass
Parthenium integrifolium	Wild Quinine (Feverfew)
Penstemon digitalis	Foxglove Beardtongue
Penstemon pallidus	Pale Beard Tongue
Petalostemum (Dalea) candidum	White Prairie Clover
Petalostemum (Dalea) purpureum	Purple Prairie Clover
Physocarpus opulifolius	Ninebark
Polygala sanguinea	Field Milkwort
Potentilla arguta	Prairie Cinquefoil
Pycnanthemum virginianum	Mountain mint (Prairie Hyss
Ratibida pinnata	Yellow Coneflower
Rosa carolina	Pasture Rose
Rudbeckia hirta	Black-eyed Susan
Rudbeckia subtomentosa	Sweet Blackeyed Susan
Salix humilis	Prairie Willow
Scrophularia lanceolata	Early figwort
Silene stellata	Starry Campion
Silphium integrifolium	Rosinweed
Silphium laciniatum	Compass plant
Sisyrinchium albidum	Common Blue-eyed Grass

Solidago (Euthamia) graminifolia	Viscid Bushy Goldenrod
Solidago missouriensis fasciculata	Missouri Goldenrod
Solidago nemoralis	Gray Goldenrod; Oldfield
Solidago speciosa	Showy Goldenrod
Solidago ulmifolia	Elm-leaved Goldenrod
Sorghastrum nutans	Indian Grass
Sporobolus heterolepis	Prairie Dropseed
Stipa spartea	Porcupine Grass
Talinum rugospermum ***	Sand Fameflower
Tradescantia ohiensis	Ohio Spiderwort
Triosteum perfoliatum	Horse Gentian (Feverwort)(
Verbena stricta	Hoary Vervain
Vernonia fasciculata	Common Ironweed
Veronicastrum virginicum	Culver's Root
Viola fimbriatula	Sand Violet
Viola pedata lineariloba	Birdsfoot Violet
Wulfenia bullii *** (Bessey)	Kittentails
Zizia aurea	Golden Alexanders

Abutilon theophrasti	Velvetleaf
Acalypha virginica rhomboidea	Three-seeded Mercury
Acer negundo	Box Elder
Acer nigrum	Black Maple
Acer saccharinum	Silver Maple
Achillea millefolium	Yarrow
Acorus calamus (americanus)	Sweet Flag
Actaea rubra	Red Baneberry
Adiantum pedatum	Maidenhair Fern
Agalinis (Gerardia) purpurea	Purple (Pink) Gerardia
Agalinis (Gerardia) tenuifolia	Slender False Foxglove
Agastache nepetoides	Yellow Giant Hyssop
Agoseris cuspidata** (Nothocalais)	Prairie Dandelion
Agrimonia gryposepala	Tall (?) Agrimony
Agrimonia parviflora	Swamp Agrimony
Agrimonia pubescens	Soft Agrimony
Agropyron repens	Quack Grass
Agrostis alba	Redtop
Agrostis hymenalis	Tickle Grass
Ajuga reptans	Carpet Bugle
Alisma subcordatum (Plantagoaquatica amer.)	Common Water Plantain
Alliaria petiolata (officinalis)	Garlic Mustard

Allium canadense	Wild Garlic
Allium cernuum	Nodding Wild Onion
Allium tricoccum burdicki	Burdick's Leek
Ambrosia artemesiifolia elatior	Common Ragweed
Ambrosia psilostachya coronopifolia	Western Ragweed
Ambrosia trifida	Giant Ragweed
Amelanchier arborea	Serviceberry
Amelanchier humilis	Serviceberry
Amelanchier leavis	Allegheny Shadblow
Amphicarpa bracteata	Hog Peanut
Amphicarpa bracteata comosa	Lowland Hog Peanut
Andropogon gerardii	Big Bluestem; Turkeyfoot
Anemone caroliniana	Caroline Anemone
Anemone patens (Pulsatilla p.)	Pasque Flower
Anemone quinquefolia	Wood Anemone
Anemone virginiana	Tall Thimbleweed
Angelica atropurpurea	Alexander's Angelica; Great
Antennaria plantaginifolia	Pussy Toes (Everlasting)
Apios Americana	Ground Nut
Apocynum androsaemifolium	Spreading Dogbane
Apocynum cannabinum (X medium)	Dogbane (Indian Hemp)
Apocynum sibiricum	Prairie Indian Hemp
Aquilegia canadensis	Wild Columbine
Arabis canadensis	Sicklepod
Arabis glabra	Tower Mustard
Arabis laevigata	Smooth Rock Cress
Arabis perstellata shortii	Toothed Cress
Arctium minus	Common Burdock
Arenaria (Moehringia) lateriflora	Wood Sandwort
Arisaema dracontium	Green dragon
Arisaema triphyllum (atrorubens)	Jack-in-the-Pulpit
Aristida purpurascens	Arrow Feather
Aronia (Pyrus) prunifolia (melanocarpa)	Black Chokeberry
Aronia prunifolia	Chokeberry
Artemisia ludoviciana gnaphalodes	White Sage; Prairie Sage
Asclepias amplexicaulis	Sand Milkweed
Asclepias hirtella	Hairy Green Milkweed
Asclepias incarnata	Swamp Milkweed
Asclepias lanuginosa **	Woolly Milkweed
Asclepias purpurascens	Purple Milkweed
Asclepias syriaca	Common Milkweed
Asclepias tuberosa interior	Butterfly Weed

Asclepias viridiflora	Short Green Milkweed
Asparagus officinalis	Asparagus
Asplenium platyneuron	Ebony Spleenwort
Aster lateriflorus	Calico (Starved) Aster
Aster novae-angliae	New England Aster
Aster ontarionis (missouriensis)	Ontario Aster
Aster pilosus	Hairy Aster
Aster praealtus	Willow Aster
Aster ptarmicoides	White Aster (Stiff Aster)
Aster puniceus	Swamp (Purple-stemmed) A
Aster puniceus firmus (?)	Shining Aster
Aster sagittifolius drummondii	Drummond's Aster
Aster shortii	Short's Aster
Aster umbellatus	Flat-topped Aster
Athyrium filix-femina michauxii (angustum)	Lady Fern
Atriplex rosea	Red Orache
Aureolaria (Gerardia) grandiflora pulchra	Yellow False Foxglove
Aureolaria (Gerardia) pedicularia ambigens	Clammy False Foxglove
Barbarea vulgaris (arcuata)	Winter Cress; Yellow Rocke
Berberis thunbergii	Japanese Barberry
Berteroa incana	Hoary Alyssum
Bidens cernua	Nodding Bur-marigold
Bidens comosa (tripartia)	Swamp Tickseed
Bidens frondosa	Beggar's Ticks
Bidens vulgata	Tall Beggar's Ticks
Boehmeria cylindrica	False Nettle
Boehmeria cylindrica drummon diana	Drummond's False Nettle
Botrychium dissectum dissectum	Cut-leaved Grape Fern Bror
Botrychium dissectum obliquum	Cut-leaved Grape Fern
Botrychium oneidense	Oneida Grape Fern
Botrychium virginianum	Rattlesnake Fern
Bromus ciliatus	Fringed Brome
Bromus inermis	Smooth (Hungarian) Brome
Bromus japonicus	Japanese Chess
Bromus pubescens	Woodland Brome
Bromus tectorum	Downy Brome
Bulbostylis capillaris	Hair Sedge
Cacalia atriplicifolia	Pale Indian Plantain
Cacalia plantaginea (tuberosa)	Indian Plantain
Calamagrostis canadensis	Blue Joint Grass
Callirhoe triangulata	Clustered Poppy Mallow
Caltha palustris	Marsh Marigold

Campanula americana	Tall Bellflower
Campanula aparinoides	Marsh Bellflower
Campsis radicans	Trumpet vine
Cannabis sativa	Hemp
Capsella bursa-pastoris	Shepherd's Purse
Cardamine bulbosa	Bulbous Cress
Cardamine pennsylvanica	Pennsylvania Bitter Cress
Carduus nutans	Nodding Thistle (Musk Thistle)
Carex aggregata	Smooth Clustered Sedge
Carex annectens xanthocarpa	Small Yellow Fox Sedge
Carex blanda	Common wood sedge
Carex brevior	Plains Oval Sedge
Carex buxbaumii	Dark-scaled Sedge
Carex cephaloidea	Rough-clustered Sedge
Carex cephalophora	Woodbank Sedge
Carex comosa	Bristly Sedge
Carex cristatella	Crested Oval Sedge
Carex emoryi	Riverbank Sedge
Carex festucacea	Fescue Oval Sedge
Carex gracilima	Graceful Sedge
Carex grvida	Long-awned Bracted sedge
Carex grisea	Wood Gray edge
Carex haydenii (stricta)	Long-scaled Tussock sedge
Carex hirtifolia	Hairy Wood Sedge
Carex hystericina "hystericina"	Porcupine (Bottlebrush) Sedge
Carex interior	Prairie Star Sedge
Carex jamesii	Grass Sedge
Carex lacustris	Common Lake Sedge
Carex laevivaginata	Smooth-sheathed Fox Sedge
Carex lupulina	Common Hop Sedge
Carex molesta	Field Oval Sedge
Carex muhlenbergii	Sand bracted sedge
Carex muhlenbergii (enervis)	Sand Bracted Sedge (Muhlenberg's)
Carex normalis	Spreading Oval sedge
Carex pellita (lanuginosa)	Broad-leaved Woolly Sedge
Carex pennsylvanica	Common Oak (Penn) Sedge
Carex praegracilis	Expressway Sedge
Carex richardsonii	Prairie Hummock sedge
Carex rosea (C. convoluta)	Curly-styled Wood Sedge
Carex sartwellii	Running Marsh Sedge
Carex scoparia	Lance-fruited Oval (Broom) Sedge
Carex siccata (foenea)	Running Savanna Sedge

Carex spargainoides	Loose-headed Bracted Sedge
Carex stipata	Common Fox Sedge
Carex stricta	Tussock Sedge
Carex suberecta	Wedge-fruited Oval Sedge
Carex tenera	Narrow-leaved Oval Sedge
Carex tetanica	Common stiff Sedge
Carex tribuloides	Awl-fruited Oval Sedge
Carex trichocarpa	Hairyfruited Lake Sedge
Carex umbellata	Early Oak Sedge
Carex vulpinoidea	Brown Fox Sedge
Carpinus caroliniana	Blue Beech (Am. Hornbeam)
Carya cordiformis	Bitternut Hickory
Carya ovata	Shagbark Hickory
Cassia fasciculata	Partridge Pea
Cassia hebecarpa	Wild Senna
Cassia nictitans	Wild sensitive plant
Castilleja sessiliflora **	Downy Yellow Painted Cup
Catalpa Speciosa	Catalpa
Caulophyllum thalictroides	Blue Cohosh
Celtis occidentalis	Hackberry
Cenchrus longispinus	Sandbur
Centaurea maculosa	Spotted Knapweed
Cephalanthus occidentalis	Buttonbush
Cerastium vulgatum	Mouse-ear Chickweed
Chaerophyllum procumbens	Streambank Chervil
Chelone glabra	Turtlehead
Chenopodium album (missouriense)	White Goosefoot; Lamb's qu
Chenopodium standleyanum	Woodland Goosefoot
Chrysanthemum leucanthemum	Ox-eye Daisy
Chrysopsis camporum (Heterotheca)	Golden Prairie Aster
Cichorium intybus	Chickory
Circaea lutetiana canadensis	Enchanter's Nightshade
Cirsium arvense	Canada Thistle
Cirsium discolor	Pasture Thistle
Cirsium muticum	Swamp Thistle
Cirsium vulgare	Bull Thistle
Claydonia furcata	Reindeer Lichen
Claydonia squamulosa	
Claytonia virginica	Spring Beauty
Clematis virginiana	Virgin's Bower
Comandra umbellata (richardsiana)	False Toadflax
Conium maculatum	Poison Hemlock

Convolvulus (Calystegia) sepium	Hedge Bindweed
Convolvulus arvensis	Field Bindweed
Cornus obliqua	Pale Dogwood
Cornus racemosa	Gray Dogwood
Cornus stolonifera	Red-Osier Dogwood
Corylus americana	American Hazelnut
Crataegus coccinea (holmesiana)	Scarlet Hawthorn
Crataegus crus-galli	Cockspur Hawthorn
Crataegus mollis	Downy Hawthorn
Crataegus pruinosa	Frosted Hawthorn
Crataegus punctata	Dotted Hawthorn
Cryptotaenia canadensis	Honewort
Cuscuta campestris	Field Dodder
Cuscuta gronovii	Common Dodder
Cynoglossum officinale	Hound's Tongue
Cyperus filiculmis	Slender Sand Sedge
Cyperus strigosus	Long-scaled Nut Sedge
Cystopteris fragilis protrusa	Fragile Fern
Dactylis glomerata	Orchard Grass
Datura stramonium	Jimson Weed
Daucus carota	Queen Anne's Lace
Dentaria laciniata	Toothwort
Desmodium glutinosum	Pointed Tick Trefoil
Desmodium illinoense	Ill. Tick Trefoil
Desmodium paniculatum	Panicled Tick Trefoil
Dianthus armeria	Deptford Pink
Dicentra cucullaria	Dutchman's Breeches
Digitaria ischaemum	Hairy Crab Grass
Draba reptans	Whitlow Cress (Grass)
Dryopteris cristata (x bootii)	Crested Wood (Shield) Fer
Dryopteris intermedia (spinulosa)	Florist's Wood Fern
Dryopteris spinulosa (carthusiana)	Spinulose Wood Fern
Dryopteris thelypteris pubescens (Thelypteris pal)	Marsh Shield Fern
Echinacea purpurea	Broad-leaved Purple coneflc
Echinochloa crusgalli	Barnyard Grass
Echinocystis lobata	Wild Cucumber
Elaeagnus angustifolia	Russian Olive
Elaeagnus umbellata	Autumn Olive
Eleocharis elliptica	Golden-seeded Spike Rush
Eleocharis erythropoda (calva)	Red-rooted Spike Rush
Eleocharis obtusa (ovata)	Blunt spike Rush
Eleocharis tenuis verrucosa	Slender Spike Rush

<i>Ellisia nyctelea</i>	Aunt Lucy
<i>Elymus riparius</i>	Riverbank Wild Rye
<i>Elymus villosus</i>	Silky Wild Rye
<i>Elymus virginicus</i>	Va. Wild Rye
<i>Epilobium coloratum</i>	Cinnamon Willow Herb
<i>Equisetum arvense</i>	Horsetail
<i>Equisetum hyemale affine</i>	Tall Scouring Rush
<i>Equisetum laevigatum</i> (hymenale i. / kansanum)	Smooth Scouring Rush
<i>Eragrostis cilianensis</i>	Stink Grass
<i>Erechtites hieracifolia</i>	Fireweed
<i>Erigeron</i> (<i>Conyza</i>) <i>canadensis</i>	Horseweed
<i>Erigeron annuus</i>	Annual Fleabane
<i>Erigeron philadelphicus</i>	Marsh Fleabane
<i>Erigeron strigosus</i>	Daisy Fleabane
<i>Eriophorum angustifolium</i> ** (<i>viridi-carinatum</i>)	Narrow-leaved (Tall) Cotton
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Eupatorium serotinum</i>	Late Boneset
<i>Festuca elatior</i> (<i>arundinacea</i>)	Tall Fescue
<i>Festuca obtusa</i> (<i>subverticillata</i>)	Nodding Fescue
<i>Filipendula rubra</i> **	Queen-of-the-Prairie
<i>Floerkea prosperpinacoides</i>	False Mermaid
<i>Fragaria virginiana</i>	Wild Strawberry
<i>Fraxinus pennsylvanica</i> ????	Red Ash
<i>Fraxinus americana</i>	White Ash
<i>Fraxinus pennsylvanica subinterrima</i>	Green Ash
<i>Galium aparine</i>	Annual Bedstraw, Cleavers
<i>Galium borale</i>	Northern Bedstraw
<i>Galium circaezans hypomala cum</i>	Hairy Wild Licorice
<i>Galium concinnum</i>	Shining Bedstraw
<i>Galium obtusum</i>	Wild Madder
<i>Galium triflorum</i>	Sweet-Scented Bedstraw
<i>Gaura biennis pitcheri</i> (<i>longiflora</i>)	Common Gaura
<i>Gentiana</i> (<i>alba</i>) <i>flavida</i>	Cream Gentian
<i>Gentiana</i> (<i>Gentianopsis</i>) <i>crinita</i>	Fringed Gentian
<i>Gentiana andrewsii</i>	Bottle (or Closed) Gentian
<i>Gentiana saponaria</i>	Soapwort Gentian
<i>Geranium columbinum</i>	Long-stalked Cranesbill
<i>Geranium maculatum</i>	Wild Geranium
<i>Geranium sibiricum</i>	Siberian Cranesbill
<i>Geum aleppicum strictum</i>	Yellow Avens

<i>Geum canadense</i>	White Avens; Wood Avens
<i>Geum triflorum</i>	Prairie Smoke (Long-plumec
<i>Glechoma hederacea micrantha</i>	Creeping Charlie (Gill-over-t
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Glyceria striata</i>	Fowl Manna Grass
Glycine Max	Soy Bean
<i>Gratiola neglecta</i>	Clammy Hedge Hyssop
<i>Grindelia squarrosa</i>	Gum Plant (Gumweed)
<i>Habenaria (Platenthera) hyperborea huronensis</i>	N. Bog Orchid
<i>Habenaria (Platenthera) lacera</i>	Ragged Fringed Orchid
<i>Hackelia virginiana</i>	Stickseed
<i>Hedoma hispida</i>	Rough Pennyroyal
<i>Helenium autumnale</i>	Sneezeweed
<i>Helianthus grosseserratus</i>	Sawtooth Sunflower
<i>Helianthus mollis</i>	Hairy Sunflower
<i>Helianthus rigidus (laetiflorus)</i>	Prairie Sunflower
<i>Helianthus tuberosus</i>	Jerusalem Artichoke
<i>Hemerocallis fulva</i>	Orange Daylily
<i>Hepatica acutiloba</i>	Sharp-lobed Hepatica
<i>Hesperis matronalis</i>	Dame's Rocket
<i>Hibiscus trionum</i>	Flower-of-an-Hour
<i>Hieracium caespitosum (pratense)</i>	Field Hawkweed
<i>Hieracium canadense</i>	Canada Hawkweed
<i>Hieracium longipilum</i>	Long-Bearded Hawkweed
<i>Hieracium scabrum</i>	Rough Hawkweed
<i>Hierochloe odorata</i>	Sweet or Vanilla Grass
<i>Hordeum jubatum</i>	Squirrel-tail Grass
<i>Houstonia (Hedyotis) nigricans</i>	Narrow-leaved Bluets
<i>Humulus lupulus</i>	Common Hop
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf
<i>Hypericum (Triadenum) virginicum fraseri</i>	Marsh St. Johnswort
<i>Hypericum canadense</i>	Canadian St. Johnswort
<i>Hypericum gentianoides</i>	Orange Grass
<i>Hypericum majus</i>	Sand St. Johnswort
<i>Hypericum perforatum</i>	Common St. Johnswort
<i>Hypericum punctatum</i>	Spotted St. Johnswort
<i>Hypericum pyramidatum</i>	Great St. Johnswort
<i>Hypericum spaerocarpum</i>	Round-fruited St. Johnswort
<i>Hypoxis hirsuta</i>	Yellow Star Grass
<i>Impatiens capensis (biflora)</i>	Spotted Touch-Me-Not (Jew
<i>Impatiens pallida</i>	Pale Touch-Me-Not (Jewelw
<i>Ipomea hederacea</i>	Ivy-Leaved Morning Glory

Ipomoea pandurata
Iris virginica shrevei
Isanthus (Trichostema) brachiatus (m)

Wild Sweet Potato
Blue Flag
False Pennyroyal

Jan Grainger seed harvest for Tellabs east cornfield

Juglans nigra	Black Walnut
Juncus canadensis	Canadian Rush
Juncus dudleyi	Dudley's Rush
Juncus greenei	Greene's Rush
Juncus interior	Inland Rush
Juncus marginatus	Grass-leaved Rush
Juncus tenuis	Path Rush
Juncus torreyi	Torrey's Rush
Juniperus virginiana crebra	Eastern Red Cedar
Lactuca canadensis	Wild Lettuce
Lactuca floridana	Blue Lettuce
Lactuca serriola (scariola)	Prickly Lettuce
Laportea canadensis	Wood Nettle
Lathyrus palustris myrtlifolius	Marsh Vetchling
Lechea stricta	Bushy Pinweed
Lechea tenuifolia	Slender-Leaved Pinweed
Lechea villosa (mucronata)	Hairy Pinweed
Leersia oryzoides	Rice Cut Grass
Lemna miniscula (minuta)	Dinky Duckweed
Lemna minor	Small duckweed
Leonurus cardiaca	Motherwort
Leonurus marrubiastrum	Lion's Tail
Lepidum virginicum	Common Peppergrass
Lespedeza capitata X leptostachya	HYBRID Bush Clover
Lespedeza leptostachya ****	Prairie Bush Clover
Leucobryum glucum	
Liatris cylindracea	Dwarf Blazingstar
Lilium michiganense	Turk's Cap lily
Lilium philadelphicum andinum	Prairie Lily; Wood Lily; West
Linaria canadensis	Blue Toadflax
Linaria vulgaris	Butter-'n-Eggs
Linum usitatissimum	Common Flax
Liparis liliifolia	Purple Twayblade
Lithospermum canescens	Hoary Puccoon
Lithospermum incisum	Fringed (Narrow-leaved) Pu
Lobelia cardinalis	Cardinal Flower
Lobelia inflata	Indian Tobacco

Lobelia siphilitica	Great Lobelia
Lobelia spicata	Pale-spike Lobelia
Lolium perenne	Perennial Rye Grass
Lonicera maackii	Amur Honeysuckle
Lonicera muendeniensis	Common Fly Honeysuckle
Lonicera prolifera	Yellow Honeysuckle
Lonicera x bella	Showy Fly Honeysuckle
Lotus corniculatus	Birdsfoot Trefoil
Ludwigia palustris americana	Marsh Purslane
Lychnis alba	White Campion
Lycopus americanus	Common Water Horehound
Lycopus uniflorus	Northern Bugle Weed
Lysimachia ciliata	Fringed Loosestrife
Lysimachia lanceolata	Lance-Leaved Loosestrife
Lysimachia quadriflora	Narrow-Leaved (Whorled) L
Lysimachia thrysiflora	Tufted Loosestrife
Lythrum alatum	Winged Loosestrife
Maclura pomifera	Osage Orange
Malus pumila	Apple
Malus ioensis	Iowa Crab
Malva neglecta	Common Mallow; Cheeses
Medicago lupulina	Black Medic
Medicago sativa	Alfalfa
Melilotus alba	White Sweet Clover
Melilotus officinalis	Yellow Sweet Clover
Menispermum canadense	Moonseed
Mentha arvensis villosa	Wild Mint
Mertensia virginica	Virginia Bluebells
Mimulus glabratus fremontii **	Yellow Monkey Flower
Mimulus ringens	Monkey Flower
Mirabilis nyctaginea (oxybaphus)	Four O'Clock
Mitella diphylla	Bishop's Cap; Mitrewort
Mnium affine	
Morus alba	White Mulberry
Morus rubra	Red Mulberry
Muhlenbergia frondosa	Common Satin Grass
Muhlenbergia glomerata	Marsh Wild Timothy
Muhlenbergia mexicana	Leafy Satin Grass
Muscari botryoides	Grape Hyacinth
Nachusa Grasslands Plant Inventory Updated August 2006	
Napaea dioica	Glade Mallow

Nasturtium officinale	Water Cress
Nepeta cataria	Catnip
Oenothera biennis canescens	Common Evening Primrose
Oenothera clelandii (rhombipetala)	Sand Evening Primrose
Onoclea sensibilis	Sensitive Fern
Orchis (Galearis) spectabilis	Showy Orchis
Ornithogalum umbellatum	Star of Bethlehem
Osmorhiza claytonii	Hairy Sweet Cicely
Osmorhiza longistylis	Smooth Sweet Cicely
Osmunda claytoniana	Interrupted Fern
Ostrya virginica	Hop Hornbeam
Oxalis europaea (stricta)	Tall Wood Sorrel
Oxalis stricta (dillenii)	Yellow Wood Sorrel
Oxypolis rigidor	Cowbane
Panicum capillare	Old Witch Grass
Panicum depauperatum	Starved Panic Grass
Panicum dichotomiflorum	Knee Grass
Panicum implicatum (languinosa)	Old-field Panic Grass
Panicum latifolium (bosicii)	Broad-leaved Panic Grass
Panicum leibergii	Prairie Panic Grass
Panicum lindheimeri	Smooth Wolly Panic Grass
Panicum perlongum	Long-stalked Panic Grass
Panicum villosissimum	White-Haired Panic Grass
Panicum virgatum	Prairie Switch Grass
Parietaria pennsylvanica	Pellitory
Parnassia glauca	Grass of parnassus
Paronychia canadensis	Tall Forked Chickweed
Parthenocissus quinquefolia	Virginia Creeper (American
Paspalum ciliatifolium muhlenbergii	Hairy Lens Grass
Paspalum ciliatifolium stramineum	Downy Lens Grass
Pastinaca sativa	Wild Parsnip
Pedicularis lanceolata	Fen (Swamp) Betony; Louse
Penstemon grandiflorus **	Large-flowered Beard tongue
Penstemon hirsutus	Hairy Beard tongue
Penthorum sedoides	Ditch Stonecrop
Phalaris arundinacea	Reed Canary Grass
Phleum pratense	Timothy
Phlox divaricata	Woodland Phlox (Blue Phlo
Phlox maculata	Sweet William Phlox
Phyrma leptostachya	Lopseed
Physalis heterophylla	Clammy Ground cherry
Physalis pubescens	Hairy Ground Cherry

<i>Physalis subglabrata</i>	Tall Ground Cherry
<i>Physalis virginiana</i> (<i>lanceolata</i>)	Lance-leaved Ground Cherr
<i>Physostegia virginiana arenaria</i>	Obedient Plant
<i>Phytolacca americana</i>	Pokeweed
<i>Pilea fontana</i>	Bog Clearweed
<i>Pilea pumila</i>	Clearweed
<i>Pinus strobus</i>	White Pine
<i>Plantago aristata</i>	Poor Joe; Bracted plantain
<i>Plantago lanceolata</i>	English Plantain
<i>Plantago major</i>	Common Plantain
<i>Plantago patagonica</i> (<i>purshii</i>)	Woolly Plantain
<i>Plantago rugelii</i>	Red-stalked Plantain
<i>Plantago virginica</i>	Dwarf Plantain
<i>Platanus occidentalis</i>	Sycamore
<i>Poa compressa</i>	Canada Blue Grass
<i>Poa palustris</i>	Marsh blue Grass
<i>Poa pratensis</i>	Kentucky Blue Grass
<i>Podophyllum peltatum</i>	May Apple
<i>Polemonium reptans</i>	Jacob's Ladder
<i>Polygala incarnata</i> **	Pink Milkwort
<i>Polygala polygama obtusata</i>	Purple Milkwort
<i>Polygala verticillata isocycla</i>	Short Whorled Milkwort
<i>Polygonatum canaliculatum</i> (<i>commutatum</i>)	Smooth Solomon's Seal
<i>Polygonum</i> (<i>Tovara</i>) <i>virginianum</i>	Woodland Knotweed
<i>Polygonum achoreum</i>	Beak-seeded Knotweed
<i>Polygonum arenastrum</i>	Sidewalk Knotweed
<i>Polygonum aviculare</i>	Knotweed
<i>Polygonum buxiforme</i>	Boxwood Knotweed
<i>Polygonum ceptiosum</i>	Long-bristled Smartweed
<i>Polygonum coccineum</i>	Water Heartease
<i>Polygonum convolvulus</i>	Black Bindweed
<i>Polygonum hydropiper</i>	Water Pepper
<i>Polygonum pennsylvanicum laevigatum</i>	Pinkweed
<i>Polygonum persicaria</i>	Lady's Thumb
<i>Polygonum sagittatum</i>	Arrowleaf Tear Thumb
<i>Polygonum scandens</i>	Climbing False Buckwheat
<i>Polygonum tenue</i>	Slender Knotweed
<i>Polypodium virginianum</i> (<i>vulgare</i>)	Polypody
<i>Polytaenia nuttallii</i>	Prairie Parsley
<i>Populus deltoides</i>	Cottonwood
<i>Populus tremuloides</i>	Quaking aspen
<i>Potentilla argentea</i>	Silvery Cinquefoil

Potentilla norvegica	Norway Cinquefoil
Potentilla recta	Rough-fruited Cinquefoil
Potentilla simplex (canadensis)	Common Cinquefoil (incl. D
Prenanthes alba	White Lettuce, Lion's Foot
Prenanthes crepidinea	Tall Wh. Lettuce
Prunella vulgaris lanceolata (elongata)	Heal-all; Self-heal
Prunus americana	Wild Plum
Prunus serotina	Wild Black Cherry
Prunus virginiana	Choke Cherry
Ptelea trifoliata	Wafer Ash, Hop Tree
Pteridium aquilinum latiusculum	Bracken Fern
Pycnanthemum tenuifolium	Narrow-leaved Mountain Mir
Quercus alba	White Oak
Quercus coccinea (ellipsoidalis)	Scarlet Oak
Quercus macrocarpa	Bur Oak
Quercus rubra	Red Oak
Quercus velutina	Black Oak
Ranunculus abortivus	Small-flowered Buttercup
Ranunculus facicularis	Early Buttercup
Ranunculus flabellaris	Yellow Water Crowfoot
Ranunculus recurvatus	Hooked Buttercup
Ranunculus septentrionalis	Swamp Buttercup
Raphanus raphanistrum	Wild Radish
Rhamnus cathartica	Common Buckthorn
Rhus (Toxiodendron) radicans	Poison ivy
Rhus glabra	Smooth Sumac
Ribes americanum	Wild Black Currant
Ribes cynosbati	Prickly Wild Gooseberry
Ribes missouriense	Wild Gooseberry
Ricciocarpus natens	----- Liverwort
Robinia pseudoacacia	Black Locust
Rorippa palustris fernaldiana (islandica)	Marsh Cress
Rosa blanda	Early wild Rose
Rosa multiflora	Multiflora Rose
Rubus allegheniensis	Common Blackberry
Rubus enslenii	One-flowered Dewberry
Rubus flagellaris	Dewberry
Rubus idaeus strigosus	Red Raspberry
Rubus occidentalis	Black Raspberry
Rubus pennsylvanicus	Yankee Blackberry
Rudbeckia triloba	Brown-eyed Susan
Ruellia humilis	Wild Petunia

Rumex acetosella	Field Sorrel (Sheep Sorrel)
Rumex altissimus	Pale Dock
Rumex crispus	Curly Dock
Rumex orbiculatus	Great Water dock
Rumex verticillatus	Swamp Dock
Sagittaria latifolia	Common Arrowhead
Salix discolor	Pussy Willow
Salix eriocephala	Heart-leaved Willow
Salix interior (exigua)	Sandbar Willow
Salix nigra	Black Willow
Salix petiolaris	Petioled Willow
Salix X Rubens	Hybrid Crack Willow
Sambucus canadensis	Elderberry
Sanguinaria canadensis	Bloodroot
Sanicula canadensis	Canadian Black Snakeroot
Sanicula gregaria	Clustered Black Snakeroot
Sanicula marilandica	Black Snakeroot
Saponaria officinalis	Bouncing Bet; Soapwort
Saxifraga pennsylvanica	Swamp Saxifrage
Scirpus atrovirens	Dark Green Rush
Scirpus cyperinus	Wool Grass
Scirpus fluviatilis	River Bulrush
Scirpus paludosus (maritimus)	Alkali Bulrush
Scirpus validus creber (tabernaemontanii)	Great Bulrush
Scrophularia marilandica	Late Figwort
Scutellaria lateriflora	Mad-dog Skullcap
Scutellaria ovata versicolor	Heart-leaved Skullcap
Scutellaria parvula leonardi	Small Skullcap
Selaginella rupestris	Sand Club moss
Senecio pauperculus	Balsam Ragwort
Senecio plattensis	Prairie Ragwort
Setaria faberi	Giant Foxtail
Setaria glauca (lutescens)	Yellow Foxtail
Setaria viridis	Green Foxtail
Setaria viridis major	Giant Green Foxtail
Seymeria (Dasistoma) macrophylla	Mullein foxglove
Sicyos angulatus	Bur Cucumber
Silene antirrhina	Sleepy Catchfly
Silene cucubalus	Bladder campion
Silene nivea	Snowy Campion
Silphium integrifolium deamii	Rosinweed
Silphium perfoliatum	Cup-plant

Silphium terebinthaceum	Prairie Dock
Sisymbrium altissimum	Tumble Mustard
Sisymbrium officinale	Hedge Mustard
Sisyrinchium angustifolium	Narrow-leaved Blue-eyed G
Sium suave	Tall Water Parsnip
Smilacina racemosa (Maianthemum)	Solomon's Plume
Smilacina stellata (Maianthemum)	Starry False Solomon's Sea
Smilax ecirrata	Upright Carrion flower
Smilax lasioneura	Common Carrion flower
Smilax rotundifolia	Green Brier; Cat Brier
Smilax tamnoides hispida	Bristly Green Brier
Solanum americanum (ptycanthum)	Black Nightshade
Solanum carolinense	Horse Nettle
Solanum rostratum (cordnutum)	Buffalo bur
Solidago (Euthamia) graminifolia nuttallii	Grass-leaved Goldenrod
Solidago (Euthamia) gymnospermoides	Viscid Grass-leaved Golden
Solidago altissima	Tall goldenrod
Solidago canadensis	Canada Goldenrod
Solidago gigantea	Late Goldenrod
Solidago juncea	Early Goldenrod
Solidago ohioensis	Ohio Goldenrod
Solidago patula	Swamp Goldenrod
Solidago riddellii	Riddell's goldenrod
Solidago rigida	Stiff Goldenrod
Solidago uliginosa	Bog Goldenrod
Sonchus uliginosus (arvensis glabrascens)	Common Sow Thistle
Spartina pectinata	Prairie Cord Grass
Specularia (Triodanis) perfoliata	Venus' Looking Glass
Sphenopholis intermedia (obtusata major)	Slender Wedge Grass
Spiraea alba	Meadowsweet
Spiranthes cernua	Nodding Ladies Tresses
Spiranthes lacera	Slender Ladies Tresses
Sporobolus asper	Rough Dropseed
Sporobolus cryptandrus	Sand Dropseed
Stachys palustris homotricha	Woundwort
Stachys tenuifolia	Smooth Hedge Nettle
Staphylea trifolia	Bladdernut
Stellaria longifolia	Stichwort
Stellaria media	Chickweed
Stellaria pubera	Great Chickweed
Symplocarpus foetidus	Skunk Cabbage
Taraxacum officinale	Common Dandelion

Tephrosia virginiana	Goat's Rue
Teucrium canadense	American Germander (Woo
Teucrium occidentale	Gray Germander
Thalictrum dasycarpum	Purple Meadow Rue
Thalictrum polygamum	Tall Meadow Rue
Thlaspi arvense	Penny Cress
Tilia americana	American Linden
Tragopogon dubius	Sand Goat's Beard
Tragopogon pratensis	Common Goat's Beard
Trifolium hybridum	Alsike
Trifolium pratense	Red Clover
Trifolium repens	White Clover
Trillium recurvatum	Red (Prairie) Trillium
Triosteum aurantiacum	Early Horse Gentian (Orang
Triticum aestivum	Wheat
Typha latifolia	Cattail (Broad-leaved)
Ulmus americana	American Elm
Ulmus rubra	Slippery Elm
Urtica dioica	Stinging Nettle
Urtica procera (chamaedryoides)	Tall Nettle
Vaccinium angustifolium laevifolium	Early Low Blueberry
Verbascum blattaria	Moth Mullein
Verbascum thapsus	Mullein
Verbena hastata	Blue Vervain
Verbena urticifolia	Hairy White Vervain
Veronica arvensis	Corn Speedwell
Veronica comosa (catenata)	Water Speedwell
Veronica peregrina	Purslane Speedwell
Veronica serpyllifolia	Thyme-leaved Speedwell
Viburnum lentago	Nannyberry Viburnum
Viburnum prunifolium	Black Haw
Vicia americana	American or Purple Vetch
Vicia cracca	Cow Vetch
Viola canadensis rugulosa ** (corymbosum)	Canada Violet
Viola cucullata (obliqua)	Hooded Violet
Viola lanceolata	Lance-leaved Violet
Viola nephrophylla	Northern bog violet
Viola pedatifida	Prairie Violet
Viola pubescens (pennsylvanica)	Smooth Yellow violet
Viola sagittata	Arrow-leaved violet
Viola sororia (pratincola) (papilionacea)	Common blue Violet
Viola subsinuata (triloba)	Lobed Blue Violet

Vitis riparia
Wolffia columbiana
Woodsia ilvensis **
Woodsia obtusa
Xanthium strumarium canadensis
Xanthoxylum americanum
Zizia aptera

Wild (Riverbank) Grape
American Water Meal
Rusty Woodsia (Fragrant W
Cliff Fern
Cocklebur
Prickly Ash
Heart-leaved Meadow Parsr

9/14/09

Granger Fall '08 Planting (Planting 89)

GPS

North Point: N 41. 99342
W 89. 37048Acc.
10ftSouth Point: N 41. 99251
W 89. 37045

7ft

? Poa comp.

1W @ 5m

W. Sunflower	40	Quinine	10	Pussytoes (3)	10	Beech Wormweed	8
Brye Susan	35	Unknown Native	1	Beech Wormweed	6	Pen. dig.	12
New. Eng. Aster	25	Hairy Vervain	4	Indian Gr.	4	Showy G.R.	6
C. Goldenrod	15	Ag weed	1	Fox-tail	8	Path Rush	35
Grassleaved G.R.	15	Hairy Aster	6	Cream Bug	2	Pussytoes (1)	3
White. Verbain	3	Unknown Aster	10	Pussytoes (1)	3	Thimbleweed	6
Prairie Cinquefoil	25	Gaura	3	Ag weed	1	Heart-leaved G.A.	8
Prairie Coreopsis	5			Heart leaved G.A	4	Indian Gr.	4
Sweet Everlasting	6	<u>2E @ 10m</u>		W. Bsp.	4	Cats Grass	8
Broom sp.	10	Brye Susan	55	Lintris aggera	3	Hairy Vervain	3
Yarrow	10	Daisy Fleabane	6	Old-field G.R.	8	Lin, asp	4
Y. Coneflower	4	Mares tail	5	Sweet Everlasting	4	P.P. Coneflower	8
Pussytoes (3)	4	Grassleaved G.R.	10	White Clover	1	Ag. weed	1
Pen. dig.	15	Canada G.R.	15	Horse mint	6	Pussytoes (3)	6
Stiff Aster	6	Cup Plant	6	<u>3W @ 15m</u>			
Wild Bergamot	8	Pen. dig	12	Lambs Quarters	4		
Black Med.	6	Hairy Aster	10	Grassleaved G.R.	25		
Path Rush?	15	P.P. Coneflower	8	Canada G.R.	8		
Little Bluestem	10	Stiff Aster	5	W. Sunflower	25		
P.P. Coneflower	8	Scribner's Panic Gr.	6	Canada Rye	10		
Pussytoes (1)	6	Prairie Cinquefoil	20	Cup Plant	15		
Poa Compressa	3	W. Sunflower	10	Old-field GR	15		
Scribner's Panic Gr.	4	Showy G.R.	5	Silky Aster	10		
White Bsp.	6	Round-headed B.C.	3	Poa Compressa	8		
Beechwormweed	8	W. Vervain	2	Yarrow	5		
Cup. Plant	10	Path Rush	25	Sweet Everlasting	8		
W. Clover	10	Prairie Coreopsis	6	Stiff Aster	6		
Field G.R.	4	Unknown G.R.	3	S. Panic Grass	35		

4E @ 20m				7W @ 35m			
Purple Smooth Unknown Aster	8	Canada Rye	15	Stiff Aster	4	Butte Brush Grass	8
Yarrow	5	<u>SW @ 25m</u>		Daisy Fleabane	5	B. eye Susan	25
B. eye Susan	35	Dew berry	35	Wild Bergamot	4	Grassleaved GR	30
Grassleaved GR	25	Grassleaved GR	20	<u>6E @ 30m</u>		Canada GR	15
Hairy Aster	15	Canada GR	15	Common Ragweed	30	Hairy Vervain	8
Cup Plant	10	Mares tail	8	B. eye Susan	45	Barnyard Grass	6
Canada GR.	6	B. eye Susan	30	Mares tail	8	Lamb's Quarters	4
Golden Aster	10	W. Sunflower	25	Dew berry	25	Pen. dig.	17
Y. Coneflower 2	10	Canada Rye	8	Canada GR	10	Lettuce sp.	20
Prairie Cinquefoil	15	Lamb's Quarters	6	Grassleaved G.R	20	P. P. Coneflower	6
Scribner's P. Grass	30	Sweet Everlasting	10	Cup Plant	10	Path Rush	55
Tickle sp.	6	Indian Gr.	4	Yarrow	10	Wild Bergamot	8
Quinine	4	Lia. asp.	6	Scribner's P. Gr.	45	Tickle sp.	8
Prairie Coreopsis	8	Golden Aster	6	Path Rush	35	Dew berry	25
Path Rush	35	Scribner's Prairie Gr.	15	W. Clover	2	Sky-blue Aster	5
Ag. weed 1	3	Hairy Aster	6	lettuce sp.	6	Scribner's Prairie Grass	35
Silky Aster	3	Tickle sp.	8	Crab gr	6	Prairie Cinquefoil	15
Stiff Aster	6	Unknown Native	5	Exotic Cinquefoil	5	Indian Gr.	6
lettuce sp.	10	Ag. weed 1	2	Pale P. Conflower	4	Old-field G.R	6
Indian Gr.	8	Unknown Native 2	4	W. Sunflower	15	Round-headed BC.	3
Pen. dig.	10	lettuce sp.	8	Ag. weed 1	3	Stiff Aster	4
Round-headed BC.	3	Prairie Cinquefoil	14	Tickle sp.	8		
W. Vervain	3	Silky Aster	5	Wild Bergamot	3		
Tall Coreopsis	3	Pen. dig.	12	Stiff Sunflower	6		
Wild Bergamot	6	Beech Wormwood	6	Pen. dig.	10		
Pussytoes (3)	5	Yellow Coneflower 2	6	Pussytoes (1)	3		
Horse nettle	6	Yarrow	8				
W. Clover	4	Exotic Cinquefoil	5				

12E @ 60m 13W @ 65

Sky blue Aster 10 2nd w/ same

Daisy Fleabane 20 done!

Grass-leaved GR. 15

Stiff Aster 14

Bl. eye Susan 20

Tall Coreopsis 8

Unknown GR^{sp} 6

Shony GR 8

Dew berry 25

Sweet Everlasting 15

Scribner's P. Gr 20

Ditch Rush 30

Hairy Aster 6

H. Sunflower 6

Beech Wormwood 8

Prairie Coreopsis 6

Yarrow 10

Lupine 10

Pend. dig. 14

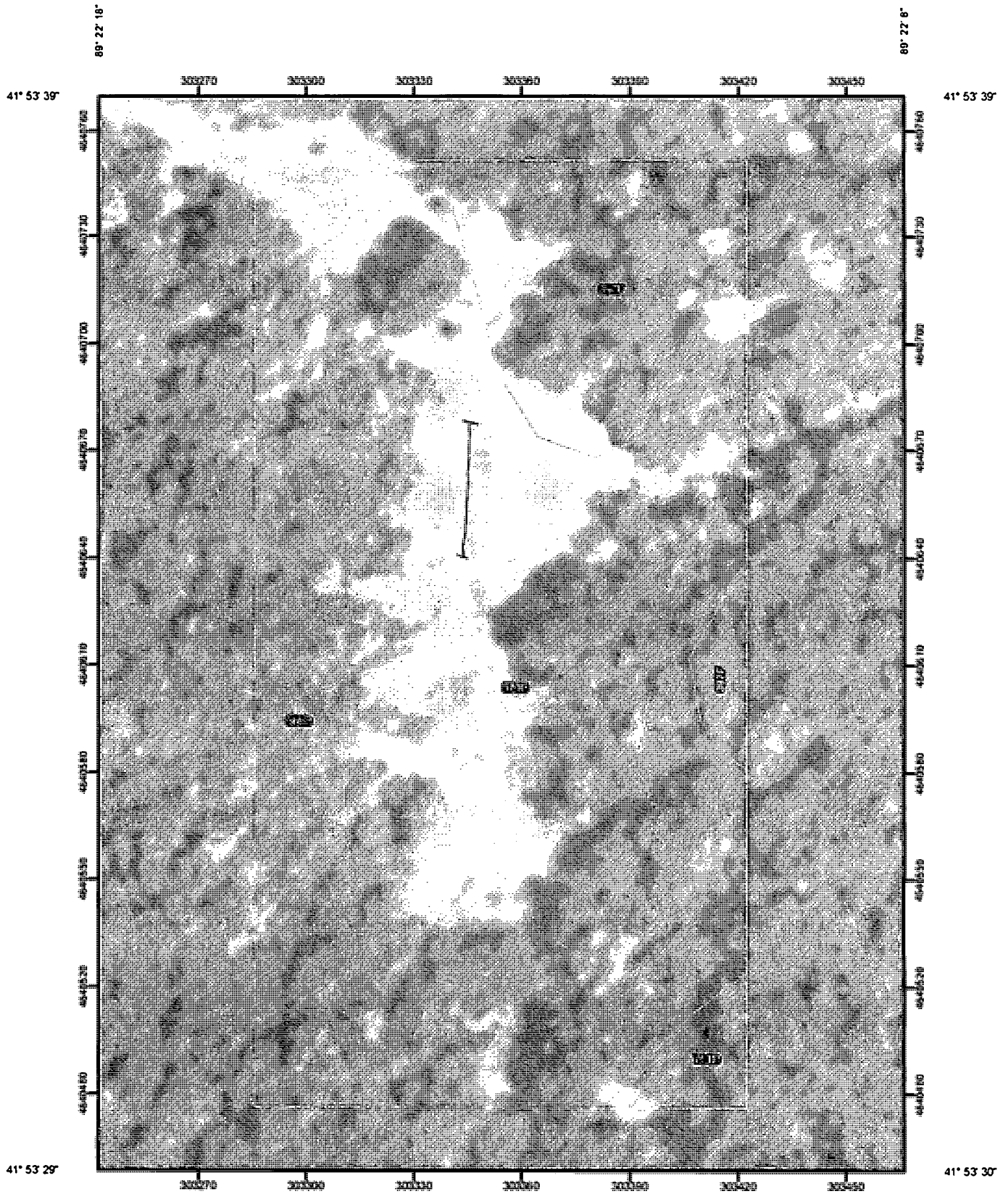
Y. Coneflower 8

Golden Aster 6

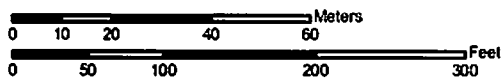
Prairie C. ragwort 12

1st with same

Soil Map—Lee County, Illinois



Map Scale: 1:1,440 if printed on A size (8.5" x 11") sheet



Map Unit Legend

Lee County, Illinois (IL103)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
397F	Boone loamy fine sand, 15 to 35 percent slopes	1.5	17.1%
570B	Martinsville silt loam, 2 to 5 percent slopes	6.8	75.4%
689D	Coloma sand, 7 to 15 percent slopes	0.5	5.5%
761D	Eleva fine sandy loam, 7 to 15 percent slopes	0.2	2.0%
Totals for Area of Interest		9.0	100.0%