

**Inventory of Roadside Prairies
Illinois Department of Transportation
District 3**

**Illinois Natural History Survey
Center for Biodiversity
Technical Report (18) 2003**

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INTRODUCTION

The Illinois Department of Transportation (IDOT) has been interested in mapping roadside prairie since 1992. A formal request was made in 1998 by Rich Nowack to map prairie while traveling to other IDOT project areas, and as time allowed. IDOT's justification for this project was to preserve prairie habitat, and limit accidental mowing and herbicide spraying of native prairie remnants. In 2000, IDOT made this project a priority. In the 2001 field season, a more detailed and systematic approach was taken to survey prairies in Illinois. This report and final GIS map is the result of the information gathered during the 2002 field season in IDOT District 3.

MATERIALS AND METHODS

A significant amount of remaining prairie in Illinois is located in joint rights-of-way of railroads and roads. This is due to the protection from cultivation and other disturbances. Using the Geographic Information System (GIS), a map of IDOT District 3 was generated for field use. This map has all areas marked where a road and railroad were within 400 ft of each other. Using this map, these areas were systematically checked for native prairie and savanna remnants. For the majority of the remnants, a limited survey was warranted. This consisted of stopping at regular intervals to generate species lists and gather data needed to characterize each site. If a remnant was higher quality, more time was spent surveying the remnant; however, the scale of this project made detailed surveys of each remnant impractical.

During 2001, IDOT District 5 was surveyed throughout the growing season (Handel 2002). Early surveys resulted in better recording of spring and early summer flora. The disadvantage of early sampling was that it was slower, and identification of warm-season grasses and forbs was more difficult. Warm-season grasses at this time often needed a close examination to identify species and abundance. Late surveys, especially September to October, allow for quick identification of remnants because the native grasses are the most visible at this time. The drawback of late surveys, is that spring and summer flora are overlooked because they have gone dormant or they are obscured by the taller fall

vegetation. A similar roadside survey conducted in Minnesota was conducted in late summer and fall (Bolin et al. 1988). To cover more area in 2002, surveying was done in two phases, April to July and then again in August to October. The first phase was to eliminate areas of roadsides that were destroyed or were very low quality. This saved valuable time during the peak survey period, summer and fall, when attention was focused on surveying extant remnants.

The following data were recorded on each remnant. The evaluator(s), date, and county were recorded for each site. GPS readings for starting and ending points were taken on the majority sites. On a few small sites a central point was taken. The location was mapped using roads and other reference points. A quality rating of 1, 2, or 3 was assigned to the remnants, with number 1 being the best quality and 3 being the poorest quality. Some remnants had a combination of two or more quality classes. For example, there could be one small high-quality section (1) within a larger degraded remnant (3). The type of plant community or communities that were present was noted, for example dry-mesic prairie. Width, distance to edge of pavement, and length of each remnant were recorded. Evidence of management or the presence of signs protecting prairie vegetation were noted. The status of the railroad and presence of prairie habitat on the side away from the highway also were recorded. Threats to each remnant were recorded. This included exotics, woody invasion, or man-made disturbances such as mowing, cultivation, or spraying. Finally, a species list was generated for each remnant. Species were excluded if they occurred just in the roadside ditch or in the railroad ballast. Exotics were only counted if they were found in the remnant. Relative abundance was recorded for each species observed on a 1 to 5 scale. Botanical nomenclature follows Mohlenbrock (1986). Community classification follows White (1978). I was very liberal with the lower rating class 3 prairie. Active management, such as controlled burning, probably has not occurred on these remnants for a long period. Vast improvement of similar degraded prairie habitat has been demonstrated after active management was implemented (Handel 2000). In other highway prairie studies after active management was implemented, prairie improved and some rare species were maintained or slightly increased in abundance (Bolin et al. 1988).

TERMS USED IN SITE DESCRIPTIONS

Relative Abundance Values (RAV):

1. Rare
2. Occasional
3. Common
4. Abundant
5. Dominant

Quality Classes

1. This class was reserved for highest quality prairie remnants. These sites have a low abundance of exotic species. Forb diversity and density is high. In class 1, conservative prairie species are present. These sites roughly parallel a rating of Illinois Natural Area Inventory (INAI) grade A or B (White 1978). A more detailed survey, including quantitative data would be needed to determine if they truly qualify for INAI status.
2. These remnants still have a matrix of native forbs and grasses remaining. The prairie is somewhat degraded, however there is still some resemblance of a prairie community. Class 2 remnants are characterized by presence of the major warm-season grasses and disturbance-tolerant forbs. In some cases conservative species occur in low abundance. Class 2 prairie would roughly parallel an INAI rating of grade C.
3. Highly degraded prairie was ranked as Class 3. In class 3 remnants, prairie species were present but the community was highly disturbed. Exotic species usually dominate portions of the remnant. There can be some conservative species present, but the majority of the species are common prairie grasses and a few disturbance-tolerant forbs. Class 3 has also been reserved for areas that are solid stands of prairie grasses. This would be roughly parallel an INAI rating of grade D.

PRAIRIE COMMUNITIES IN ILLINOIS

Because of their rarity, species diversity, and vulnerability to habitat degradation, prairie communities are of special concern in Illinois. Prairie was the dominant community type in the state before 1820 (Iverson et al. 1989). After the invention of the steel plow, areas of prairie were quickly converted to agricultural crops. Of the estimated 22,000,000 acres of prairie that occurred in the state, only 2,352 acres of high-quality prairie remained by 1976, about 1/100th of 1% (White 1978). The amount of prairie in District 3 in 1820 was approximately 4,181,300 acres. In 1976, the total acreage of high quality prairie (A or B) remaining in District 3 was 104.8 acres or 0.002% (White 1978). There are no specific

data on the amount of grade C - D prairie remaining in IDOT District 3. It is known that there has been a significant decline in prairie throughout the state since the Natural Areas Inventory was completed in 1976. Encroachment by woody vegetation, conversion to agricultural crops in railroad rights-of-way, and lack of management all have contributed to the decline of prairie communities statewide. The remaining grade C or D quality prairie remnants are an extremely important biological and economic resource. They may not be as floristically diverse as grade A or B remnants, but they serve important functions in the Illinois landscape:

1. They provide cover and dispersal corridors for prairie flora and fauna.
2. With the decrease in prairie habitat and the increased need for habitat reconstruction and restoration, remnants provide an invaluable source of seed of local ecotypes.
3. They provide refugia for species that have been eliminated from the nearby landscape and they sometimes link areas of higher quality prairies, allowing for the dispersal of species and genetic exchange from one remnant to another.
4. Because they are often linear in shape, they may cross several soil types and moisture gradients, creating a community of high floristic and faunistic diversity throughout a given landscape.
5. Practical benefits to highway departments include the potential for a reduction in the cost of roadside maintenance, and increased erosion control when native vegetation communities are present (USDT 1975a).
6. Native prairie remnants that are managed correctly can also reduce the presence of exotic and noxious weeds along highway corridors.
7. Prairie remnants provide habitat for game species. Millions of dollars are spent each year on creating habitat for species such Ring-necked Pheasant (*Phasianus colchicus*) and Northern Bobwhite (*Colinus virginianus*). Often this artificial habitat consists of one or two prairie grass species. These plantings may provide emergency cover from

harsh winter weather, but they are inferior to the native remnants that provide not only cover, but also high concentrations of food from plant seeds and insects that exist in these natural remnants.

8. In areas of the state where habitat has disappeared because of development or intensive agriculture these remnants are often the only natural communities of any type that remain on a regional scale.

RESULTS AND DISCUSSION

General Information and Quality

Prairies are marked in **yellow** and numbered (1 to 68) on the map. This number corresponds to a data sheet in the report. The information is summarized in Tables 1 - 3. Five additional sites were mapped but data were not collected. These five sites were mowed several times during the growing season. These areas are mapped on the District 3 Prairie Remnant Map in red with a letter **M**. Prairie was seen at some of these sites in past years during other survey work. In late fall, the characteristic golden color of the native grasses was evident at these sites even though they were mowed. Several trips were made to get data on these areas. Unfortunately, the mowing never allowed for a proper survey. If the roadside mowing was limited to three feet past the roadside ditch and where intersections exist, this prairie survey would have been more complete. Local municipalities and farmers appeared to be mowing some of these remnants.

According to the GIS mapping, there were approximately 458 miles of joint roadway and railroad rights-of-way in District 3. Thirty-four prairie and savanna remnants were located in these joint rights-of-ways in District 3 during the 2002-growing season, totaling 149.2 miles or (32.5%). The five IDOT districts that have been surveyed to date had significantly less prairie on the opposite side of the tracks. District 3 however had substantially more prairie on the opposite side of the tracks. Fifty of 68 (74%) of the prairie remnants had significant prairie vegetation present on the far side of the tracks. Still, most of the prairie appeared to be lower quality than the prairie adjacent to the road. The majority of the prairie remnants, 41 of 68 (60%), were class 3 (the lowest quality prairie). Twenty-three of 68 (34%) were in class 2 (medium quality) category. Only 14

of 68 (21%) prairie remnants were considered to be class 1 (highest quality) category. Dry-mesic prairie and mesic prairie were the communities most frequently encountered. Wet-mesic prairie was extremely rare with only 4 of 68 (6%) located in District 3. This is probably due to the intense effort to drain areas adjacent to roads and intensive tiling throughout Illinois. A substantial portion of the State's sand prairie habitat occurs in District 3, however sand prairie was rare and comprised only 6 of 68 (9%). Ten of 68 (15%) of the remnants surveyed had signs protecting prairie or there was indication of management. Three of these were dedicated Illinois nature preserves.

Table 1. General information on prairie remnants in joint Illinois Department of Transportation and Railroad rights-of-way in District 3 including: quality, communities, evidence of management or signage, railroad activity. The percentage in the quality class and natural communities may exceed 100%, because some sites had more than one quality class or natural community present.

Quality	# Sites (out of 68)	% of sites
Class 3	40	59%
Class 2	24	35%
Class 1	14	21%

Natural Communities

Dry-mesic prairie	46	68%
Mesic prairie	19	28%
Wet-mesic prairie	4	6%
Dry-mesic sand prairie	4	6%
Mesic sand prairie	1	1%
Wet-mesic sand prairie	1	1%
Wet sand prairie	1	1%

Signage or evidence of management (Burning)

No	58	85%
Yes	10	15%

Railroad Activity

Active	63	93%
Abandoned	5	7%

Presence of prairie on RR R-O-W opposite tracks

Yes	50	74%
No	18	26%

Threats to Remnants

Roadside rights-of-way are affected by a multitude of human disturbances: mowing, salt, car emissions, ditch maintenance, herbicide application from both the roadside and railways, and the installation of communication and utility lines. These disturbances keep the structure and composition of these remnants in a constant state of fluctuation. The remnants that were found during this survey all show some form of disturbance. Exotic species threatened virtually all the prairie remnants in District 3 effecting 65 of 68 (95%) remnants. Twenty of 68 prairies (29%) were degraded by mowing, this does not include the five additional remnants that could not be surveyed because of continuous mowing. Woody invasion from both exotics and native species was a threat in 13 of 68 remnants (19%). Digging of plants might be a greater problem than indicated in this report, because evidence of digging easily could be overlooked during the assessment.

Table 2. Type of threat and frequency among prairie remnants in IDOT District 3.

Threats	# Sites (out of 68)	% of sites
Exotics	65	95%
Mowing	20	29%
Woody invasion	13	19%
Herbicide	2	3%
Development	1	1%
Erosion	1	1%
Cultivation	1	1%

Exotics

If exotics were limited to the railroad ballast or roadside ditch they were not considered a threat. Generally, if an exotic species occurred in the remnant and had an abundance rating of 3 or above it was considered a threat. Cool season grass *Bromus inermis* (smooth brome grass) was the most common exotic encountered occurring in 54 of 68 (79%) of the prairie remnants. *Pastinaca sativa* (wild parsnip) and *Festuca pratensis* (meadow fescue) were also prevalent in remnants. Meadow fescue and smooth brome grass are often planted when seeding roadsides. They can also invade from adjoining

pastures and hayfields.

Table 3. List of exotics that were a threat to prairie remnants in IDOT District 3.

Scientific Name	Common Name	# Sites (out of 68)	% of Occurrence
<i>Bromus inermis</i>	smooth brome grass	54	79%
<i>Festuca pratensis</i>	meadow fescue	28	41%
<i>Pastinaca sativa</i>	wild parsnip	31	31%
<i>Melilotus</i> spp.	sweet clovers	16	23%
<i>Phalaris arundinacea</i>	reed canary grass	14	21%
<i>Phragmites australis</i>	common red reed	12	18%
<i>Coronilla varia</i>	crown vetch	10	15%
<i>Dipsacus laciniatus</i>	cut-leaved teasel	9	13%
<i>Elaeagnus umbellata</i>	autumn olive	8	12%
<i>Robinia pseudoacacia</i>	black locust	7	10%
<i>Lonicera maackii</i>	amur honeysuckle	3	4%
<i>Rhamnus cathartica</i>	common buckthorn	3	4%
<i>Ulmus pumila</i>	Siberian elm	3	4%
<i>Daucus carota</i>	Queen-Anne's-lace	1	1%
<i>Morus alba</i>	white mulberry	1	1%
<i>Populus alba</i>	white poplar	1	1%
<i>Rosa multiflora</i>	multiflora rose	1	1%
<i>Typha angustifolia</i>	narrow-leaved cattail	1	1%

Literature Cited

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and results. Illinois Natural Areas Inventory, Urbana. 426 pp.

Site: District 3

N# 1

Date: 10/22/02

Evaluator(s): William C. Handel

Location: Nedham Road west of Plano

County: Kendall

GPS Data: Starting UTM 16T 0373737- 4613926

GPS Data Ending UTM 16T 0373310- 4613821

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Pastinaca sativa

Common Name

wild parsnip

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 0.3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#1

Scientific Name

Andropogon gerardii

Anemone virginiana

Cirsium discolor

Elymus canadensis

Monarda fistulosa

Pastinaca sativa

Prunus serotina

Ratibida pinnata

Rudbeckia hirta

Rudbeckia triloba

Schizachyrium scoparium

Solidago canadensis

Solidago rigida

Common Name

big bluestem

tall anemone

field thistle

Canada wild rye

wild bergamot

wild parsnip

wild black cherry

drooping coneflower

black-eyed susan

brown-eyed susan

little bluestem

Canada goldenrod

rigid goldenrod

RAV

3

2

2

1

4

3

3

2

2

4

4

2

3

Site: District 3

N# 2

Date: 10/22/02

Evaluator(s): William C. Handel

Location: I-34 west of Plano

County: Kendall

GPS Data: Starting UTM 16T 0371367- 4613192

GPS Data Ending UTM 16T 0376931- 4612005

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Pastinaca sativa

Common Name

smooth brome grass

wild parsnip

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 8 m

Railroad Activity: Active

Prairie Length: 3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#2

Scientific Name

Andropogon gerardii

Apocynum cannabinum

Asclepias syriaca

Aster novae-angliae

Bromus inermis

Cornus racemosa

Daucus carota

Eupatorium altissimum

Monarda fistulosa

Pastinaca sativa

Rosa carolina

Rubus allegheniensis

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Sorghastrum nutans

Sporobolus asper

Common Name

big bluestem

dogbane

common milkweed

New England aster

smooth brome grass

gray dogwood

Queen-Anne's-lace

tall boneset

wild bergamot

wild parsnip

pasture rose

common blackberry

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

Indian grass

drop seed

RAV

3

2

3

1

4

2

3

1

4

3

1

1

4

2

1

2

1

3

Site: District 3 N# 3

Date: 10/22/02

Evaluator(s): William C. Handel

Location: I-34 west of Somonauk, from the La Salle County Line westward

County: La Salle

GPS Data: Starting UTM 16T 0358063- 4610140

GPS Data Ending UTM 16T 0355481- 4609555

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Phalaris arundinacea

Common Name

smooth brome grass

reed canary grass

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 1.7 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#3

Scientific Name

Andropogon gerardii

Asclepias syriaca

Aster novae-angliae

Aster praealtus

Bromus inermis

Eupatorium altissimum

Helianthus rigidus

Phalaris arundinacea

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Spartina pectinata

Sporobolus asper

Common Name

big bluestem

common milkweed

New England aster

willow-leaved aster

smooth brome grass

tall boneset

prairie sunflower

reed canary grass

compass plant

prairie dock

Canada goldenrod

prairie cord grass

drop seed

RAV

3

1

3

1

3

3

3

3

1

4

4

3

4

Site: District 3

N# 4

Date: 10/23/02

Evaluator(s): William C. Handel

Location: Sand Ridge Road

County: Grundy

GPS Data: Starting UTM 16T 0389140- 4586649

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: woody invasion, exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Rhamnus cathartica

common buckthorn

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#4

Scientific Name

Common Name

RAV

Ambrosia artemisiifolia

ragweed

2

Ambrosia trifida

giant ragweed

4

Andropogon gerardii

big bluestem

2

Anemone virginiana

tall anemone

2

Bromus inermis

smooth brome grass

3

Coreopsis tripteris

tall coreopsis

3

Elymus canadensis

Canada wild rye

1

Eryngium yuccifolium

rattlesnake master

2

Helianthus grosseserratus

tall sunflower

3

Prunus serotina

wild black cherry

2

Ratibida pinnata

drooping coneflower

2

Rhamnus cathartica

common buckthorn

3

Schizachyrium scoparium

little bluestem

4

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

3

Solidago rigida

rigid goldenrod

2

Sorghastrum nutans

Indian grass

5

Spartina pectinata

prairie cord grass

2

Veronicastrum virginicum

Culver's root

2

Site: District 3

N# 5

Date: 10/21/02

Evaluator(s): William C. Handel

Location: N 16 Road, east of Ranson

County: La Salle

GPS Data: UTM 16T 0363419- 4558469

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Pastinaca sativa

Ulmus pumila

Common Name

smooth brome grass

wild parsnip

Siberian elm

Prairie Width: 40 - 60 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#5

Scientific Name

Andropogon gerardii

Aster ericoides

Bromus inermis

Cirsium discolor

Elymus canadensis

Eupatorium altissimum

Fragaria virginiana

Helianthus grosseserratus

Helianthus rigidus

Monarda fistulosa

Muhlenbergia mexicana

Panicum virgatum

Pastinaca sativa

Pycnanthemum virginianum

Ratibida pinnata

Rhus glabra

Rosa carolina

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Sorghastrum nutans

Sporobolus asper

Typha latifolia

Ulmus pumila

Common Name

big bluestem

heath aster

smooth brome grass

field thistle

Canada wild rye

tall boneset

wild strawberry

tall sunflower

prairie sunflower

wild bergamot

leafy satin grass

prairie switch grass

wild parsnip

mountain mint

drooping coneflower

smooth sumac

pasture rose

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

Indian grass

drop seed

cattail

Siberian elm

RAV

3

5

3

1

4

4

2

3

1

3

2

1

3

4

4

1

3

3

2

4

3

1

5

4

3

Site: District 3

N# 6

Date: 9/30/02

Evaluator(s): William C. Handel

Location: N 6 Road, extending 1.5 from IL - 251

County: Marshall

GPS Data: Starting UTM 16T 0328189- 4542139

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Melilotus spp.

sweet clovers

Populus alba

white poplar

Pastinaca sativa

wild parsnip

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 1.5 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#6

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

1

Apocynum sibiricum

Indian hemp

1

Asclepias syriaca

common milkweed

1

Aster novae-angliae

New England aster

4

Aster pilosus

hairy aster

2

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

1

Elymus canadensis

Canada wild rye

2

Eupatorium altissimum

tall boneset

3

Helianthus grosseserratus

tall sunflower

2

Melilotus spp.

sweet clovers

4

Monarda fistulosa

wild bergamot

1

Pastinaca sativa

wild parsnip

3

Populus alba

white poplar

4

Prunus americana

American plum

2

Ratibida pinnata

drooping coneflower

2

Salix exigua

sandbar willow

2

Silphium terebinthinaceum

prairie dock

3

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

3

Teucrium canadense

American germander

1

Site: District 3

N# 7

Date: 9/30/02

Evaluator(s): William C. Handel

Location: Indiana Street, Panola

County: Woodford

GPS Data: Starting UTM 16T 0329499- 4517146

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Common Name

smooth brome grass

Prairie Width: 35 m

Signs or Evidence of Management: Yes

“Acres for Wildlife” sign was posted

Dist. from Pavement: 3 m

Railroad Activity: Abandoned

Prairie Length: 0.1 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#7

Scientific Name

Aster ericoides

Aster novae-angliae

Aster pilosus

Bromus inermis

Fraxinus americana

Helianthus mollis

Helianthus rigidus

Poa pratensis

Ratibida pinnata

Rosa carolina

Silphium integrifolium

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Sporobolus asper

Ulmus americana

Common Name

heath aster

New England aster

hairy aster

smooth brome grass

white ash

hairy sunflower

prairie sunflower

Kentucky bluegrass

drooping coneflower

pasture rose

rosinweed

compass plant

prairie dock

Canada goldenrod

drop seed

American elm

RAV

3

2

3

3

1

1

2

3

3

2

2

2

1

3

4

1

Site: District 3

N# 8

Date: 9/2/02

Evaluator(s): William C. Handel

Location: 2700 N Road

County: Woodford

GPS Data: Starting UTM 16T 0303124- 4510193

Quality Class: 2

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Common Name

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Prairie Width: 21 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

2

Asclepias sullivantii

prairie milkweed

2

Asclepias syriaca

common milkweed

3

Elymus canadensis

Canada wild rye

2

Elymus virginicus

wild rye

1

Equisetum laevigatum

smooth scouring rush

2

Euthamia graminifolia

grassleaf goldenrod

2

Gaura biennis

gaura

1

Helianthus grosseserratus

tall sunflower

1

Iris shrevei

southern blue flag

2

Lactuca canadensis

Canada lettuce

1

Melilotus spp.

sweet clovers

3

Monarda fistulosa

wild bergamot

2

Muhlenbergia mexicana

leafy satin grass

2

Panicum virgatum

prairie switch grass

2

Pastinaca sativa

wild parsnip

3

Polytaenia nuttallii

prairie parsley

1

Ratibida pinnata

drooping coneflower

3

Salix exigua

sandbar willow

5

Silphium terebinthinaceum

prairie dock

3

Solidago canadensis

Canada goldenrod

4

Spartina pectinata

prairie cord grass

2

Stachys palustris

woundwort

2

Toxicodendron radicans

posion ivy

1

Vernonia fasciculata

common ironweed

2

Site: District 3

N# 9

Date: 9/2/02

Evaluator(s): William C. Handel

Location: IL - 89 1725 N Road to town of Cazenovia

County: Woodford

GPS Data: Starting UTM 16T 0302522- 4522772

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Pastinaca sativa

wild parsnip

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Abandoned

Prairie Length: 0.8 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: Most of the remnant has been mowed between the spring and fall surveys.

Plant List for Site N#9

Scientific Name

Common Name

RAV

Bromus inermis

smooth brome grass

3

Coronilla varia

crown vetch

3

Helianthus grosseserratus

tall sunflower

5

Pastinaca sativa

wild parsnip

3

Ratibida pinnata

drooping coneflower

1

Rhus glabra

smooth sumac

1

Solidago canadensis

Canada goldenrod

4

Spartina pectinata

prairie cord grass

1

Ulmus americana

American elm

4

Site: District 3

N# 10

Date: 10/22/02

Evaluator(s): William C. Handel

Location: I-89 north of Washburn, from 150 N Road to the railroad bridge crossing

County: Marshall

GPS Data: Starting UTM 16T 0308924 - 4535351

GPS Data Ending UTM 16T 0309319 - 4536133

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Bromus inermis

Pastinaca sativa

Common Name

smooth brome grass

wild parsnip

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Abandoned

Prairie Length: 1.2 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#10

Scientific Name

Agrostis alba

Andropogon gerardii

Anemone virginiana

Asclepias tuberosa

Brickellia eupatorioides

Bromus inermis

Cirsium discolor

Coreopsis tripteris

Corylus americana

Elymus canadensis

Eupatorium altissimum

Euphorbia corollata

Fraxinus americana

Gaura biennis

Monarda fistulosa

Pastinaca sativa

Populus tremuloides

Quercus alba

Ratibida pinnata

Rhus glabra

Solidago canadensis

Sorghastrum nutans

Spartina pectinata

Ulmus americana

Veronicastrum virginicum

Common Name

red top

big bluestem

tall anemone

butterflyweed

false boneset

smooth brome grass

field thistle

tall coreopsis

hazelnut

Canada wild rye

tall boneset

flowering spurge

white ash

gaura

wild bergamot

wild parsnip

quaking aspen

white oak

drooping coneflower

smooth sumac

Canada goldenrod

Indian grass

prairie cord grass

American elm

Culver's root

RAV

2

2

3

1

1

5

2

2

4

3

1

2

3

2

2

3

2

2

1

3

3

2

1

1

1

Site: District 3

N# 11

Date: 9/30/02

Evaluator(s): William C. Handel

Location: I-29 north of 665 N Road to Log Cabin Hill Road

County: Putnam

GPS Data: Starting UTM 16T 0298695 - 4565261

GPS Data Ending UTM 16T 0309319 - 4536133

Quality Class: 3

Natural Community Type(s): Wet-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Elaeagnus umbellata

Melilotus spp.

Phalaris arundinacea

Robinia pseudoacacia

Phragmites australis

Common Name

autumn olive

sweet clovers

reed canary grass

black locust

common red reed

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.6 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#11

Scientific Name

Asclepias syriaca

Aster novae-angliae

Cirsium discolor

Elaeagnus umbellata

Helenium autumnale

Helianthus grosseserratus

Melilotus spp.

Napaea dioica

Phalaris arundinacea

Phragmites australis

Rhus glabra

Robinia pseudoacacia

Silphium perfoliatum

Spartina pectinata

Typha latifolia

Common Name

common milkweed

New England aster

field thistle

autumn olive

autumn sneezeweed

tall sunflower

sweet clovers

glade mallow

reed canary grass

common red reed

smooth sumac

black locust

cup plant

prairie cord grass

cattail

RAV

2

3

2

3

2

2

3

3

3

2

4

5

3

5

2

Site: District 3

N# 12

Date: 9/30/02

Evaluator(s): William C. Handel

Location: I-29 south of Putnam

County: Putnam

GPS Data: Starting UTM 16T 0300319 - 4559391

GPS Data Ending UTM 16T 0299331 - 4561445

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Pastinaca sativa

wild parsnip

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#12

Scientific Name	Common Name	RAV
<i>Ambrosia trifida</i>	giant ragweed	2
<i>Andropogon gerardii</i>	big bluestem	5
<i>Asclepias syriaca</i>	common milkweed	1
<i>Asclepias verticillata</i>	whorled milkweed	3
<i>Aster ericoides</i>	heath aster	2
<i>Aster pilosus</i>	hairy aster	2
<i>Aster praealtus</i>	willow-leaved aster	1
<i>Brickellia eupatorioides</i>	false boneset	2
<i>Bromus inermis</i>	smooth brome grass	3
<i>Cirsium discolor</i>	field thistle	2
<i>Echinacea pallida</i>	pale purple coneflower	2
<i>Elymus canadensis</i>	Canada wild rye	1
<i>Eupatorium altissimum</i>	tall boneset	3
<i>Helianthus grosseserratus</i>	tall sunflower	4
<i>Helianthus rigidus</i>	prairie sunflower	3
<i>Heliopsis helianthoides</i>	false sunflower	3
<i>Lespedeza capitata</i>	bush clover	2
<i>Pastinaca sativa</i>	wild parsnip	3
<i>Poa pratensis</i>	Kentucky bluegrass	4
<i>Pteridium aquilinum</i>	bracken fern	2
<i>Ratibida pinnata</i>	drooping coneflower	3
<i>Rosa carolina</i>	pasture rose	1
<i>Rubus allegheniensis</i>	common blackberry	3
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium perfoliatum</i>	cup plant	3
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Tridens flavus</i>	false red top	2
<i>Verbena stricta</i>	hoary vervain	2

<i>Vernonia missurica</i>	Missouri ironweed	3
<i>Veronicastrum virginicum</i>	Culver's root	2

Site: District 3

N# 13

Date: 9/30/02

Evaluator(s): William C. Handel

Location: I-29 south of Henry

County: Putnam

GPS Data: Starting UTM 16T 0296239 - 4548764

GPS Data Ending UTM 16T 0298772 - 4551321

Quality Class: 2

Natural Community Type(s): Dry-mesic to mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Phalaris arundinacea

reed canary grass

Prairie Width: 28 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 3 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#13

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Aster pilosus

hairy aster

3

Bromus inermis

smooth brome grass

5

Cassia fasciculata

partridge pea

3

Cirsium discolor

field thistle

2

Coronilla varia

crown vetch

3

Dalea purpurea

purple prairie clover

1

Echinacea pallida

pale purple coneflower

1

Eupatorium altissimum

tall boneset

3

Euphorbia corollata

flowering spurge

2

Festuca pratensis

meadow fescue

3

Helianthus rigidus

prairie sunflower

2

Helianthus tuberosus

Jerusalem artichoke

2

Humulus japonicus

Japanese hops

1

Lilium philadelphicum

wood lily

1

Melilotus spp.

sweet clover

3

Panicum virgatum

prairie switch grass

3

Pastinaca sativa

wild parsnip

3

Phalaris arundinacea

reed canary grass

2

Rhus glabra

smooth sumac

3

Rubus allegheniensis

common blackberry

1

Silphium perfoliatum

cup plant

3

Solidago canadensis

Canada goldenrod

4

Solidago rigida

rigid goldenrod

1

<i>Sorghastrum nutans</i>	Indian grass	3
<i>Spartina pectinata</i>	prairie cord grass	2
<i>Tridens flavus</i>	false red top	3
<i>Verbena stricta</i>	hoary vervian	1
<i>Veronicastrum virginicum</i>	Culver's root	1

Site: District 3

N# 14

Date: 10/23/02

Evaluator(s): William C. Handel

Location: I-129 Braceville Prairie Natural Area on the far side tracts away from Old US-66 and Old US-66 from Godley to Gardner

County: Grundy

GPS Data: Starting UTM 16T 0393244 - 4563475

GPS Data Ending UTM 16T 0395611 - 4565891

Quality Class: 1-3

Natural Community Type(s): Mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Elaeagnus umbellata

autumn olive

Phragmites australis

common red reed

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 6.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There is good forb diversity on the IL-129 side of the rail line in the natural area portion of the rights-of-way.

Comments: Excellent forb diversity on the IL-129 side of railroad tracks. About 2/3 of the prairie had been mowed. The prairie on the Old US-66 is highly disturbed and dominated by *Phragmites australis* (common red reed).

Plant List for Site N#14

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

4

Apocynum sibiricum

Indian hemp

1

Asclepias sullivantii

prairie milkweed

1

Aster ericoides

heath aster

4

Aster novae-angliae

New England aster

2

Bromus inermis

smooth brome grass

4

Cirsium discolor

field thistle

1

Coronilla varia

crown vetch

3

Dalea purpurea

purple prairie clover

4

Daucus carota

Queen-Anne's-lace

1

Elaeagnus umbellata

autumn olive

3

Elymus canadensis

Canada wild rye

5

Eragrostis spectabilis

purple love grass

2

Eryngium yuccifolium

rattlesnake master

3

Eupatorium altissimum

tall boneset

2

Euphorbia corollata

flowering spurge

1

Euthamia graminifolia

grassleaf goldenrod

4

Helianthus grosseserratus

tall sunflower

3

Helianthus rigidus

prairie sunflower

1

Lactuca canadensis

Canada lettuce

1

Lespedeza capitata

bush clover

1

<i>Liatris pycnostachya</i>	gayfeather	1
<i>Monarda fistulosa</i>	wild bergamot	1
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	2
<i>Panicum virgatum</i>	prairie switch grass	5
<i>Parthenium integrifolium</i>	American feverfew	1

Plant List for Site N#14 cont.

Scientific Name	Common Name	RAV
<i>Phragmites australis</i>	common red reed	5 (local)
<i>Physostegia virginiana</i>	false dragonhead	2
<i>Potentilla arguta</i>	prairie cinquefoil	2
<i>Prenanthes racemosa</i>	glaucous white lettuce	2
<i>Ratibida pinnata</i>	drooping coneflower	1
<i>Rosa carolina</i>	pasture rose	3
<i>Rudbeckia hirta</i>	black-eyed susan	1
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	1
<i>Solidago canadensis</i>	Canada goldenrod	3
<i>Solidago missouriensis</i>	Missouri goldenrod	1
<i>Solidago nemoralis</i>	dyersweed goldenrod	4
<i>Solidago riddellii</i>	Riddell's goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	2
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	3
<i>Veronicastrum virginicum</i>	Culver's root	2
<i>Zizia aurea</i>	golden alexanders	4

Site: District 3

N# 15

Date: 10/23/02

Evaluator(s): William C. Handel

Location: Old US-66 from Gardner to Dwight

County: Grundy

GPS Data: Starting UTM 16T 0388979 - 4559145

GPS Data Ending UTM 16T 0381389 - 4551375

Quality Class: 1-2

Natural Community Type(s): Dry-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Dipsacus laciniatus
Elaeagnus umbellata
Festuca pratensis
Phalaris arundinacea

Common Name

cut-leaved teasel
autumn olive
meadow fescue
reed canary grass

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There was a high density of forbs in this remnant.

Comments: None

Plant List for Site N#15

Scientific Name

Ambrosia trifida
Amorpha canescens
Andropogon gerardii
Anemone cylindrica
Apocynum sibiricum
Aristida longespica
Asclepias incarnata
Asclepias sullivantii
Asclepias viridiflora
Aster ericoides
Aster laevis
Aster novae-angliae
Aster pilosus
Bromus inermis
Comandra umbellata
Dalea purpurea
Desmanthus illinoensis
Dipsacus laciniatus
Elaeagnus umbellata
Elymus canadensis
Eragrostis spectabilis
Eryngium yuccifolium
Eupatorium altissimum
Euphorbia corollata
Euthamia graminifolia
Festuca pratensis

Common Name

giant ragweed
lead plant
big bluestem
candle anemone
Indian hemp
three awn
swamp milkweed
prairie milkweed
green milkweed
heath aster
smooth aster
New England aster
hairy aster
smooth brome grass
bastard toadflax
purple prairie clover
Illinois bundleflower
cut-leaved teasel
autumn olive
Canada wild rye
purple love grass
rattlesnake master
tall boneset
flowering spurge
grassleaf goldenrod
meadow fescue

RAV

2
3
4
4
2
2
2
2
1
3
2
4
1
2
2
2
2
3
3
4
2
4
3
1
4
3

<i>Fragaria virginiana</i>	wild strawberry	2
<i>Fraxinus americana</i>	white ash	2
<i>Gaura biennis</i>	gaura	1
<i>Gentiana andrewsii</i>	closed gentian	2
<i>Helenium autumnale</i>	autumn sneezeweed	1
<i>Helianthus grosseserratus</i>	tall sunflower	3
<i>Helianthus rigidus</i>	prairie sunflower	2
<i>Heliopsis helianthoides</i>	false sunflower	2

Plant List for Site N#15

Scientific Name	Common Name	RAV
<i>Hypericum sphaerocarpum</i>	round-fruited St. John's-wort	3
<i>Lactuca canadensis</i>	Canada lettuce	1
<i>Liatris aspera</i>	rough blazing star	4
<i>Liatris pycnostachya</i>	gayfeather	4
<i>Monarda fistulosa</i>	wild bergamot	2
<i>Muhlenbergia mexicana</i>	leafy satin grass	3
<i>Panicum oligosanthes</i> var. <i>scribnerianum</i>	panic grass	2
<i>Panicum virgatum</i>	prairie switch grass	4
<i>Parthenium integrifolium</i>	American feverfew	2
<i>Phalaris arundinacea</i>	reed canary grass	3
<i>Phlox pilosa</i>	downy phlox	2
<i>Physostegia virginiana</i>	false dragonhead	2
<i>Prenanthes aspera</i>	rough white lettuce	2
<i>Prenanthes racemosa</i>	glaucous white lettuce	2
<i>Pycnanthemum virginianum</i>	mountain mint	2
<i>Ratibida pinnata</i>	drooping coneflower	2
<i>Rosa carolina</i>	pasture rose	3
<i>Rudbeckia hirta</i>	black-eyed susan	1
<i>Salix exigua</i>	sandbar willow	2
<i>Salix humilis</i>	prairie willow	2
<i>Schizachyrium scoparium</i>	little bluestem	4
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium laciniatum</i>	compass plant	4
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago missouriensis</i>	Missouri goldenrod	3
<i>Solidago nemoralis</i>	dyersweed goldenrod	1
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Solidago speciosa</i>	showy goldenrod	2
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	2
<i>Sporobolus heterolepis</i>	northern drop seed	2
<i>Stipa spartea</i>	needle grass	2
<i>Verbena hastata</i>	blue vervain	2
<i>Veronicastrum virginicum</i>	Culver's root	3
<i>Zizia aurea</i>	golden alexanders	5

Site: District 3

N# 16

Date: 10/21/02

Evaluator(s): William C. Handel

Location: 1900 E Road to 2000 E Road

County: Livingston

GPS Data: Starting UTM 16T 0368495 - 4549383

GPS Data Ending UTM 16T 0369606 - 4549438

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Common Name

smooth brome grass

Prairie Width: 40 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Abandoned

Prairie Length: 0.7 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#16

Scientific Name

Andropogon gerardii

Common Name

big bluestem

RAV

2

Anemone cylindrica

candle anemone

3

Asclepias syriaca

common milkweed

1

Aster ericoides

heath aster

5

Aster novae-angliae

New England aster

2

Aster pilosus

hairy aster

2

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

3

Elymus canadensis

Canada wild rye

5

Eryngium yuccifolium

rattlesnake master

3

Euthamia graminifolia

grassleaf goldenrod

4

Fragaria virginiana

wild strawberry

2

Helianthus rigidus

prairie sunflower

4

Heliopsis helianthoides

false sunflower

2

Lactuca canadensis

Canada lettuce

2

Monarda fistulosa

wild bergamot

1

Phlox pilosa

downy phlox

2

Ratibida pinnata

drooping coneflower

5

Rosa carolina

pasture rose

2

Silphium laciniatum

compass plant

4

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

3

Solidago nemoralis

dyersweed goldenrod

2

Solidago rigida

rigid goldenrod

5

Sorghastrum nutans

Indian grass

1

Spartina pectinata

prairie cord grass

3

Site: District 3

N# 17

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Old US-66 Odell to Dwight

County: Livingston

GPS Data: Starting UTM 16T 0372807 - 4541756

GPS Data Ending UTM 16T 0379474 - 4549425

Quality Class: 1-2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Common Name

smooth brome grass

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 6.3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There is excellent density and diversity of conservative prairie species.

Comments: John Taft did a botanical inventory at this site and Site 18 in 1994. John's inventory had many of the same species, and in addition he had an extensive spring prairie flora (Taft 1995). Many of these spring species are uncommon to rare. It was too late to locate many of these species during this survey, but I am confident that they still exist because the prairie vegetation is still good to excellent quality.

Plant List for Site N#17

Scientific Name	Common Name	RAV
<i>Amorpha canescens</i>	lead plant	3
<i>Andropogon gerardii</i>	big bluestem	5
<i>Anemone cylindrica</i>	candle anemone	2
<i>Aster ericoides</i>	heath aster	2
<i>Aster laevis</i>	smooth aster	2
<i>Aster novae-angliae</i>	New England aster	2
<i>Aster pilosus</i>	hairy aster	1
<i>Asclepias viridiflora</i>	green milkweed	1
<i>Asclepias sullivantii</i>	prairie milkweed	2
<i>Asclepias syriaca</i>	common milkweed	2
<i>Asclepias verticillata</i>	whorled milkweed	2
<i>Brickellia eupatorioides</i>	false boneset	2
<i>Bromus inermis</i>	smooth brome grass	4
<i>Cirsium discolor</i>	field thistle	2
<i>Daucus carota</i>	Queen-Anne's-lace	2
<i>Dalea purpurea</i>	purple prairie clover	2
<i>Dalea candida</i>	white prairie clover	1
<i>Echinacea pallida</i>	pale purple coneflower	3
<i>Elymus canadensis</i>	Canada wild rye	2
<i>Eryngium yuccifolium</i>	rattlesnake master	3
<i>Eupatorium altissimum</i>	tall boneset	2
<i>Euphorbia corollata</i>	flowering spurge	2
<i>Euthamia graminifolia</i>	grassleaf goldenrod	2

<i>Fragaria virginiana</i>	wild strawberry	1
<i>Gaura biennis</i>	gaura	1
<i>Helianthus grosseserratus</i>	tall sunflower	2
<i>Lactuca canadensis</i>	Canada lettuce	1
<i>Liatris aspera</i>	rough blazing star	3
<i>Liatris pycnostachya</i>	gayfeather	2
<i>Monarda fistulosa</i>	wild bergamot	1
<i>Panicum oligosanthes</i> var. <i>scribnerianum</i>	panic grass	1

Plant List for Site N#17

Scientific Name	Common Name	RAV
<i>Panicum virgatum</i>	prairie switch grass	1
<i>Parthenium integrifolium</i>	American feverfew	1
<i>Physostegia virginiana</i>	false dragonhead	3
<i>Pycnanthemum virginianum</i>	mountain mint	2
<i>Ratibida pinnata</i>	drooping coneflower	3
<i>Rosa carolina</i>	pasture rose	4
<i>Schizachyrium scoparium</i>	little bluestem	2
<i>Silphium integrifolium</i>	rosinweed	3
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	1
<i>Solidago missouriensis</i>	Missouri goldenrod	1
<i>Solidago nemoralis</i>	dyersweed goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	3
<i>Veronicastrum virginicum</i>	Culver's root	3

Site: District 3

N# 18

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Old US-66 0.2 miles north of 1600N to Odell

County: Livingston

GPS Data: Starting UTM 16T 0363381 - 4528915

GPS Data Ending UTM 16T 0371118 - 4539436

Quality Class: 2

Natural Community Type(s): Dry-mesic to mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Dipsacus laciniatus

cut-leaved teasel

Pastinaca sativa

wild parsnip

Phragmites australis

common red reed

Prairie Width: 20 - 40 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 8.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#18

Scientific Name	Common Name	RAV
<i>Andropogon gerardii</i>	big bluestem	5
<i>Anemone cylindrica</i>	candle anemone	2
<i>Asclepias sullivantii</i>	prairie milkweed	1
<i>Asclepias syriaca</i>	common milkweed	3
<i>Asclepias verticillata</i>	whorled milkweed	2
<i>Aster ericoides</i>	heath aster	4
<i>Bromus inermis</i>	smooth brome grass	3
<i>Cirsium discolor</i>	field thistle	2
<i>Daucus carota</i>	Queen-Anne's-lace	1
<i>Dipsacus laciniatus</i>	cut-leaved teasel	3
<i>Echinacea pallida</i>	pale purple coneflower	1
<i>Elymus canadensis</i>	Canada wild rye	5
<i>Equisetum hyemale</i>	scouring rush	1
<i>Eryngium yuccifolium</i>	rattlesnake master	1
<i>Eupatorium altissimum</i>	tall boneset	4
<i>Euphorbia corollata</i>	flowering spurge	1
<i>Euthamia graminifolia</i>	grassleaf goldenrod	1
<i>Helianthus grosseserratus</i>	tall sunflower	2
<i>Liatris aspera</i>	rough blazing star	4
<i>Liatris pycnostachya</i>	gayfeather	1
<i>Monarda fistulosa</i>	wild bergamot	1
<i>Muhlenbergia mexicana</i>	leafy satin grass	2
<i>Panicum virgatum</i>	prairie switch grass	2
<i>Pastinaca sativa</i>	wild parsnip	3
<i>Phragmites australis</i>	common red reed	3
<i>Ratibida pinnata</i>	drooping coneflower	2

Rhamnus cathartica
Rhus glabra
Rosa carolina
Rubus allegheniensis
Rudbeckia hirta
Schizachyrium scoparium
Silphium integrifolium
Silphium terebinthinaceum

common buckthorn 1
smooth sumac 1
pasture rose 4
common blackberry 2
black-eyed susan 1
little bluestem 1
rosinweed 2
prairie dock 4

Plant List for Site N#18

Scientific Name

Solidago canadensis
Solidago missouriensis
Solidago rigida
Sorghastrum nutans
Spartina pectinata
Sporobolus asper
Veronicastrum virginicum
Zizia aurea

Common Name

Canada goldenrod
Missouri goldenrod
rigid goldenrod
Indian grass
prairie cord grass
drop seed
Culver's root
golden alexanders

RAV

3
1
5
1
4
3
1
1

Site: District 3

N# 19

Date: 10/28/02

Evaluator(s): William C. Handel

Location: 1860 E to 1600 E road on the backside of Old US-66

County: Livingston

GPS Data: Starting UTM 16T 0364881 - 4530831

GPS Data Ending UTM 16T 0363242 - 4528596

Quality Class: 1-2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.7 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: Several conservative species occur in this remnant.

Comments: This remnant has low disturbance.

Plant List for Site N#19

Scientific Name	Common Name	RAV
<i>Amorpha canescens</i>	lead plant	4
<i>Andropogon gerardii</i>	big bluestem	3
<i>Anemone cylindrica</i>	candle anemone	4
<i>Asclepias syriaca</i>	common milkweed	1
<i>Aster ericoides</i>	heath aster	4
<i>Aster laevis</i>	smooth aster	3
<i>Aster novae-angliae</i>	New England aster	1
<i>Aster pilosus</i>	hairy aster	1
<i>Aster praealtus</i>	willow-leaved aster	1
<i>Bromus inermis</i>	smooth brome grass	3
<i>Calamagrostis canadensis</i>	bluejoint grass	2
<i>Cirsium discolor</i>	field thistle	1
<i>Coreopsis tripteris</i>	tall coreopsis	2
<i>Coreopsis palmata</i>	prairie coreopsis	1
<i>Echinacea pallida</i>	pale purple coneflower	2
<i>Elymus canadensis</i>	Canada wild rye	3
<i>Equisetum laevigatum</i>	smooth scouring rush	2
<i>Eryngium yuccifolium</i>	rattlesnake master	4
<i>Eupatorium altissimum</i>	tall boneset	2
<i>Euphorbia corollata</i>	flowering spurge	2
<i>Euthamia graminifolia</i>	grassleaf goldenrod	1
<i>Helianthus grosseserratus</i>	tall sunflower	2
<i>Lactuca canadensis</i>	Canada lettuce	1
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	4
<i>Parthenium integrifolium</i>	American feverfew	2
<i>Ratibida pinnata</i>	drooping coneflower	3

<i>Rosa carolina</i>	pasture rose	2
<i>Rudbeckia hirta</i>	black-eyed susan	1
<i>Schizachyrium scoparium</i>	little bluestem	4
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	2
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago gigantea</i>	late goldenrod	3
Plant List for Site N#19		
Scientific Name	Common Name	RAV
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	3
<i>Sporobolus asper</i>	drop seed	1
<i>Sporobolus heterolepis</i>	northern drop seed	2
<i>Veronicastrum virginicum</i>	Culver's root	3
<i>Zizia aurea</i>	golden alexanders	4

Site: District 3

N# 20

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Livingston County Line to Pontiac, Old US-66

County: Livingston

GPS Data: Starting UTM 16T 0355321 - 4513159

GPS Data Ending UTM 16T 0361413 - 4525428

Quality Class: 2-3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Dipsacus laciniatus

cut-leaved teasel

Festuca pratensis

meadow fescue

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#20

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Asclepias syriaca

common milkweed

2

Aster ericoides

heath aster

1

Aster novae-angliae

New England aster

2

Aster pilosus

hairy aster

1

Bromus inermis

smooth brome grass

2

Cirsium discolor

field thistle

1

Coreopsis tripteris

tall coreopsis

4

Coronilla varia

crown vetch

3

Daucus carota

Queen-Anne's-lace

1

Dipsacus laciniatus

cut-leaved teasel

3

Elymus canadensis

Canada wild rye

2

Eupatorium altissimum

tall boneset

3

Euthamia graminifolia

grassleaf goldenrod

1

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

3

Lactuca canadensis

Canada lettuce

2

Monarda fistulosa

wild bergamot

1

Oenothera biennis

evening primrose

1

Ratibida pinnata

drooping coneflower

3

Rubus allegheniensis

common blackberry

5

Salix exigua

sandbar willow

2

Silphium laciniatum

compass plant

4

Silphium terebinthinaceum

prairie dock

3

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

4

<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	4
<i>Veronicastrum virginicum</i>	Culver's root	1

Site: District 3

N# 21

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Chenoa to Lexington

County: McLean

GPS Data: Starting UTM 16T 0353826 - 4510173

GPS Data Ending UTM 16T 0349580 - 4501595

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#21

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Aristida longespica

three awn

2

Asclepias syriaca

common milkweed

1

Aster novae-angliae

New England aster

1

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

2

Eupatorium altissimum

tall boneset

3

Festuca pratensis

meadow fescue

3

Melilotus spp.

sweet clovers

3

Monarda fistulosa

wild bergamot

1

Pastinaca sativa

wild parsnip

3

Rubus allegheniensis

common blackberry

2

Silphium laciniatum

compass plant

1

Silphium perfoliatum

cup plant

1

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

4

Solidago rigida

rigid goldenrod

4

Spartina pectinata

prairie cord grass

4

Sporobolus asper

drop seed

4

Veronicastrum virginicum

Culver's root

1

Site: District 3

N# 22

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Towanda to Lexington, Old US-66

County: McLean

GPS Data: Starting UTM 16T 0340081 - 4492779

GPS Data Ending UTM 16T 0348073 - 4499688

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Phalaris arundinacea

reed canary grass

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 6.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#22

Scientific Name

Common Name

RAV

Ambrosia trifida

giant ragweed

4

Andropogon gerardii

big bluestem

2

Aster novae-angliae

New England aster

1

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

1

Coreopsis tripteris

tall coreopsis

1

Elymus canadensis

Canada wild rye

3

Eupatorium altissimum

tall boneset

4

Euthamia graminifolia

grassleaf goldenrod

2

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

2

Melilotus spp.

sweet clovers

3

Phalaris arundinacea

reed canary grass

3

Prunus americana

American plum

1

Prunus serotina

wild black cherry

1

Ratibida pinnata

drooping coneflower

1

Rhus glabra

smooth sumac

1

Rosa carolina

pasture rose

1

Rubus allegheniensis

common blackberry

1

Salix exigua

sandbar willow

2

Schizachyrium scoparium

little bluestem

2

Silphium integrifolium

rosinweed

1

Silphium laciniatum

compass plant

1

Silphium terebinthinaceum

prairie dock

1

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

2

<i>Spartina pectinata</i>	prairie cord grass	3
<i>Sporobolus asper</i>	drop seed	4
<i>Typha latifolia</i>	cattail	2
<i>Vernonia missurica</i>	Missouri ironweed	1

Site: District 3

N# 23

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Towanda to Bloomington, Old US-66

County: McLean

GPS Data: Starting UTM 16T 0338385 - 4491390

GPS Data Ending UTM 16T 0335381 - 4488940

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Dipsacus laciniatus

cut-leaved teasel

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 2.5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#23

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

4

Aster novae-angliae

New England aster

3

Bromus inermis

smooth brome grass

5

Cirsium discolor

field thistle

1

Dipsacus laciniatus

cut-leaved teasel

3

Elymus canadensis

Canada wild rye

2

Eupatorium altissimum

tall boneset

1

Festuca pratensis

meadow fescue

3

Helianthus rigidus

prairie sunflower

1

Melilotus spp.

sweet clovers

3

Panicum virgatum

prairie switch grass

2

Prunus americana

American plum

1

Ratibida pinnata

drooping coneflower

1

Rosa carolina

pasture rose

1

Rudbeckia hirta

black-eyed susan

1

Salix exigua

sandbar willow

2

Silphium integrifolium

rosinweed

2

Silphium laciniatum

compass plant

5

Silphium terebinthinaceum

prairie dock

4

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

4

Sorghastrum nutans

Indian grass

1

Spartina pectinata

prairie cord rass

3

Veronicastrum virginicum

Culver's root

4

Site: District 3

N# 24

Date: 11/04/02

Evaluator(s): William C. Handel

Location: Old US-66, 0.6 miles from Shirley, Old US-66

County: McLean

GPS Data: Starting UTM 16T 0326051 - 4476025

GPS Data Ending UTM 16T 0321911 - 4471590

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Festuca pratensis

meadow fescue

Lonicera maackii

amur honeysuckle

Robinia pseudoacacia

black locust

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 7 m

Railroad Activity: Active

Prairie Length: 3.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#24

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

5

Cirsium discolor

field thistle

1

Elymus canadensis

Canada wild rye

1

Eupatorium altissimum

tall boneset

3

Festuca pratensis

meadow fescue

3

Lonicera maackii

amur honeysuckle

3

Ratibida pinnata

drooping coneflower

3

Robinia pseudoacacia

black locust

1

Rosa carolina

pasture rose

1

Silphium integrifolium

rosinweed

1

Silphium laciniatum

compass plant

1

Silphium perfoliatum

cup plant

2

Silphium terebinthinaceum

prairie dock

5

Solidago canadensis

Canada goldenrod

5

Sorghastrum nutans

Indian grass

4

Spartina pectinata

prairie cord grass

4

Site: District 3

N# 25

Date: 11/04/02

Evaluator(s): William C. Handel

Location: McLean extending 3.3 miles along US-66

County: McLean

GPS Data: Starting UTM 16T 0311385 - 4460354

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Dipsacus laciniatus

cut-leaved teasel

Festuca pratensis

meadow fescue

Prairie Width: 20 m

Signs or Evidence of Management: Yes

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 3.3 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#25

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

5

Asclepias syriaca

common milkweed

2

Aster ericoides

heath aster

1

Aster pilosus

hairy aster

3

Bromus inermis

smooth brome grass

2

Bromus inermis

smooth brome grass

3

Dipsacus laciniatus

cut-leaved teasel

3

Elymus canadensis

Canada wild rye

2

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

2

Monarda fistulosa

wild bergamot

1

Ratibida pinnata

drooping coneflower

4

Rhus glabra

smooth sumac

1

Rosa carolina

pasture rose

1

Rubus allegheniensis

common blackberry

1

Rudbeckia hirta

black-eyed susan

1

Silphium laciniatum

compass plant

4

Silphium terebinthinaceum

prairie dock

3

Solidago canadensis

Canada goldenrod

4

Solidago rigida

rigid goldenrod

1

Spartina pectinata

prairie cord grass

4

Sporobolus asper

drop seed

1

Tridens flavus

false red top

1

Site: District 3

N# 26

Date: 10/28/02

Evaluator(s): William C. Handel

Location: Towanda Barnes Road 1150 N

County: McLean

GPS Data: Starting UTM 16T 0338721 - 4479546

GPS Data Ending UTM 16T 0337148 - 4479574

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Dipsacus laciniatus

Festuca pratensis

Common Name

smooth brome grass

cut-leaved teasel

meadow fescue

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 0.9 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#26

Scientific Name

Ambrosia artemisiifolia

Andropogon gerardii

Aster ericoides

Aster novae-angliae

Aster praealtus

Bromus inermis

Cirsium discolor

Coreopsis tripteris

Coronilla varia

Elymus canadensis

Eupatorium altissimum

Helianthus grosseserratus

Helianthus rigidus

Monarda fistulosa

Muhlenbergia mexicana

Pastinaca sativa

Phalaris arundinacea

Ratibida pinnata

Rhus glabra

Rosa carolina

Rubus allegheniensis

Silphium integrifolium

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Spartina pectinata

Common Name

ragweed

big bluestem

heath aster

New England aster

willow-leaved aster

smooth brome grass

field thistle

tall coreopsis

crown vetch

Canada wild rye

tall boneset

tall sunflower

prairie sunflower

wild bergamot

leafy satin grass

wild parsnip

reed canary grass

drooping coneflower

smooth sumac

pasture rose

common blackberry

rosinweed

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

prairie cord grass

RAV

1

2

2

2

1

3

1

2

3

2

1

1

1

1

3

3

3

3

2

2

2

2

4

1

3

1

5

Veronicastrum virginicum

Culver's root

1

Site: District 3

N# 27

Date: 10/7/02

Evaluator(s): William C. Handel

Location: From 3025 E to Ellsworth

County: McLean

GPS Data: Starting UTM 16T 0357171 - 4479030

GPS Data Ending UTM 16T 0354647 - 4479095

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 1.7 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#27

Scientific Name

Common Name

RAV

Ambrosia trifida

giant ragweed

2

Andropogon gerardii

big bluestem

3

Asclepias syriaca

common milkweed

1

Aster ericoides

heath aster

1

Aster novae-angliae

New England aster

3

Aster pilosus

hairy aster

3

Bromus inermis

smooth brome grass

4

Cirsium discolor

field thistle

2

Coreopsis tripteris

tall coreopsis

2

Elymus canadensis

Canada wild rye

5

Elymus virginicus

wild rye

2

Euthamia graminifolia

grassleaf goldenrod

3

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

3

Helianthus rigidus

prairie sunflower

1

Melilotus spp.

sweet clovers

3

Pastinaca sativa

wild parsnip

3

Ratibida pinnata

drooping coneflower

3

Rubus allegheniensis

common blackberry

3

Salix exigua

sandbar willow

2

Silphium laciniatum

compass plant

3

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

4

Solidago rigida

rigid goldenrod

2

Sorghastrum nutans

Indian grass

4

Spartina pectinata

prairie cord grass

4

Veronicastrum virginicum

Culver's root

2

Site: District 3

N# 28

Date: 7/27/01

Evaluator(s): William C. Handel

Location: Saybrook Road

County: McLean

GPS Data: Starting UTM 16T 0372845 - 4475486

GPS Data Ending UTM 16T 0374552 - 4475482

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, herbicides

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Prairie Width: 18 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.9 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: Gravel is near the surface of the soil at this remnant.

Plant List for Site N#28

Scientific Name

Common Name

RAV

Aster novae-angliae

New England aster

1

Bromus inermis

smooth brome grass

5

Eupatorium altissimum

tall boneset

3

Festuca pratensis

meadow fescue

2

Lespedeza capitata

bush clover

1

Melilotus alba

white sweet clover

3

Monarda fistulosa

wild bergamot

2

Pastinaca sativa

wild parsnip

4

Ratibida pinnata

drooping coneflower

4

Rhus glabra

smooth sumac

2

Silphium laciniatum

compass plant

2

Silphium terebinthinaceum

prairie dock

4

Solidago canadensis

Canada goldenrod

4

Solidago rigida

rigid goldenrod

3

Spartina pectinata

prairie cord grass

4

Sporobolus asper

drop seed

2

Tradescantia ohiensis

Ohio spiderwort

2

Site: District 3

N# 29

Date: 10/27/02

Evaluator(s): William C. Handel

Location: US- 47 North of Sibley

County: Ford

GPS Data: Starting UTM 16T 0382719 - 4494629

GPS Data Ending UTM 16T 0374552 - 4475482

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Festuca pratensis

Common Name

smooth brome grass

meadow fescue

Prairie Width: 40 m

Signs or Evidence of Management: No

Dist. from Pavement: 7 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#29

Scientific Name

Andropogon gerardii

Aster novae-angliae

Bromus inermis

Elymus canadensis

Eupatorium altissimum

Euthamia graminifolia

Festuca pratensis

Helianthus rigidus

Ratibida pinnata

Rosa carolina

Rudbeckia hirta

Silphium terebinthinaceum

Solidago canadensis

Spartina pectinata

Sporobolus asper

Ulmus americana

Zizia aurea

Common Name

big bluestem

New England aster

smooth brome grass

Canada wild rye

tall boneset

grassleaf goldenrod

meadow fescue

prairie sunflower

drooping coneflower

pasture rose

black-eyed susan

prairie dock

Canada goldenrod

prairie cord grass

drop seed

American elm

golden alexanders

RAV

1

1

3

2

1

2

5

3

3

2

1

1

1

1

4

2

2

Site: District 3

N# 30

Date: 10/7/02

Evaluator(s): William C. Handel

Location: Junction of 400 E and 1400 N Road

County: Ford

GPS Data: Starting UTM 16T 0382786 - 4495585

GPS Data Ending UTM 16T 0327881 - 4494221

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Melilotus spp.

sweet clovers

Festuca pratensis

meadow fescue

Morus alba

white mulberry

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 0.5 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#30

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

4

Bromus inermis

smooth brome grass

3

Crataegus mollis

red haw

2

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

2

Helianthus rigidus

prairie sunflower

2

Melilotus spp.

sweet clovers

3

Morus alba

white mulberry

3

Prunus serotina

wild black cherry

3

Ratibida pinnata

drooping coneflower

1

Rhus glabra

smooth sumac

1

Silphium laciniatum

compass plant

2

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

2

Spartina pectinata

prairie cord grass

2

Site: District 3

N# 31

Date: 10/7/02

Evaluator(s): William C. Handel

Location: 400 E on the backside of IL- 47, north of Sibley

County: Ford

GPS Data: Starting UTM 16T 0382793 - 4496286

GPS Data Ending UTM 16T 0382804 - 4496523

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, erosion

Scientific Name

Common Name

Melilotus spp.

sweet clovers

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: There is a low diversity overall, but good density of prairie forbs that are present.

Comments: None

Plant List for Site N#31

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Aster novae-angliae

New England aster

1

Coreopsis tripteris

tall coreopsis

4

Elymus canadensis

Canada wild rye

3

Helianthus grosseserratus

tall sunflower

1

Helianthus rigidus

prairie sunflower

3

Liatris aspera

rough blazing star

2

Melilotus spp.

sweet clovers

3

Panicum virgatum

prairie switch grass

2

Parthenium integrifolium

American feverfew

2

Prenanthes aspera

rough white lettuce

3

Ratibida pinnata

drooping coneflower

4

Salix humilis

prairie willow

3

Silphium integrifolium

rosinweed

3

Silphium laciniatum

compass plant

4

Silphium terebinthinaceum

prairie dock

3

Solidago canadensis

Canada goldenrod

3

Sporobolus asper

drop seed

3

Vernonia missurica

Missouri ironweed

2

Site: District 3

N# 32

Date: 10/9/02

Evaluator(s): William C. Handel

Location: US-24 Chatsworth west of 2800 E Road

County: Livingston

GPS Data: Starting UTM 16T 0388818 - 4512016

GPS Data Ending UTM 16T 0382488 - 4511887

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Dipsacus laciniatus

Phalaris arundinacea

Common Name

smooth brome grass

cut-leaved teasel

reed canary grass

Prairie Width: 45 m

Signs or Evidence of Management: No

Dist. from Pavement: 7 m

Railroad Activity: Active

Prairie Length: 4 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#32

Scientific Name	Common Name	RAV
<i>Andropogon gerardii</i>	big bluestem	5
<i>Aristida longespica</i>	three awn	3
<i>Asclepias sullivantii</i>	prairie milkweed	2
<i>Aster ericoides</i>	heath aster	1
<i>Aster laevis</i>	smooth aster	3
<i>Aster novae-angliae</i>	New England aster	3
<i>Brickellia eupatorioides</i>	false boneset	1
<i>Bromus inermis</i>	smooth brome grass	4
<i>Cirsium discolor</i>	field thistle	1
<i>Dipsacus laciniatus</i>	cut-leaved teasel	3
<i>Echinacea pallida</i>	pale purple coneflower	2
<i>Eryngium yuccifolium</i>	rattlesnake master	1
<i>Eupatorium altissimum</i>	tall boneset	3
<i>Festuca pratensis</i>	meadow fescue	3
<i>Helianthus grosseserratus</i>	tall sunflower	3
<i>Helianthus rigidus</i>	prairie sunflower	1
<i>Lactuca canadensis</i>	Canada lettuce	1
<i>Lespedeza capitata</i>	bush clover	2
<i>Parthenium integrifolium</i>	American feverfew	1
<i>Phalaris arundinacea</i>	reed canary grass	3
<i>Ratibida pinnata</i>	drooping coneflower	2
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago canadensis</i>	Canada goldenrod	4
<i>Solidago rigida</i>	rigid goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	3

Site: District 3

N# 33

Date: 10/9/02

Evaluator(s): William C. Handel

Location: 100 E Road east of Piper City to La Hogue

County: Livingston

GPS Data: Starting UTM 16T 0406613 - 4513031

GPS Data Ending UTM 16T 0408155 - 4513109

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Melilotus spp.

Common Name

smooth brome grass

sweet clovers

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#33

Scientific Name

Andropogon gerardii

Aster laevis

Aster novae-angliae

Aster pilosus

Aster praealtus

Bromus inermis

Cirsium discolor

Elymus canadensis

Helianthus grosseserratus

Helianthus rigidus

Melilotus spp.

Prenanthes racemosa

Prunus americana

Ratibida pinnata

Silphium integrifolium

Silphium laciniatum

Solidago canadensis

Solidago rigida

Spartina pectinata

Common Name

big bluestem

smooth aster

New England aster

hairy aster

willow-leaved aster

smooth brome grass

field thistle

Canada wild rye

tall sunflower

prairie sunflower

sweet clovers

glaucous white lettuce

American plum

drooping coneflower

rosinweed

compass plant

Canada goldenrod

rigid goldenrod

prairie cord grass

RAV

3

1

2

1

2

3

1

4

2

2

3

3

3

4

1

2

3

3

5

Site: District 3

N# 34

Date: 10/9/02

Evaluator(s): William C. Handel

Location: East of La Hogue to 400 E Road

County: Iroquois

GPS Data: Starting UTM 16T 0409918 - 4513154

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Melilotus spp.

Common Name

smooth brome grass

sweet clovers

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: The first mile the prairie is ditched and the remnant occurs on the far side of the ditch. Some of the remnant appears to be scraped in past.

Plant List for Site N#34

Scientific Name

Andropogon gerardii

Aster novae-angliae

Bromus inermis

Elymus canadensis

Helianthus grosseserratus

Melilotus spp.

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Common Name

big bluestem

New England aster

smooth brome grass

Canada wild rye

tall sunflower

sweet clovers

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

RAV

5

2

2

2

3

2

2

2

3

4

Site: District 3

N# 35

Date: 10/9/02

Evaluator(s): William C. Handel

Location: English Prairie at the corner of 2000 N and 3000 N

County: Ford

GPS Data: Starting UTM 16T 0395187 - 4530892

Quality Class: 1

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: herbicide

Prairie Width: 40 m

Signs or Evidence of Management: Yes
Heritage Landmark

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High densities of many conservative species occur at this site.

Comments: None

Plant List for Site N#35

Scientific Name	Common Name	RAV
<i>Amorpha canescens</i>	lead plant	5
<i>Andropogon gerardii</i>	big bluestem	2
<i>Anemone cylindrica</i>	candle anemone	2
<i>Aster ericoides</i>	heath aster	1
<i>Aster laevis</i>	smooth aster	1
<i>Aster novae-angliae</i>	New England aster	1
<i>Aster pilosus</i>	hairy aster	1
<i>Cassia fasciculata</i>	partridge pea	2
<i>Comandra umbellata</i>	bastard toadflax	2
<i>Coreopsis palmata</i>	prairie coreopsis	2
<i>Dalea candida</i>	white prairie clover	2
<i>Dalea purpurea</i>	purple prairie clover	3
<i>Gentiana puberulenta</i>	downy gentian	4
<i>Gentianella quinquefolia</i>	stiff gentian	3
<i>Helianthus grosseserratus</i>	tall sunflower	1
<i>Helianthus rigidus</i>	prairie sunflower	2
<i>Liatris pycnostachya</i>	gayfeather	2
<i>Lithospermum canescens</i>	hoary puccoon	2
<i>Monarda fistulosa</i>	wild bergamot	1
<i>Muhlenbergia mexicana</i>	leafy satin grass	1
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	3
<i>Panicum virgatum</i>	prairie switch grass	3
<i>Parthenium integrifolium</i>	American feverfew	3
<i>Pedicularis canadensis</i>	lousewort	2
<i>Physostegia virginiana</i>	false dragonhead	4
<i>Pycnanthemum virginianum</i>	mountain mint	1
<i>Ratibida pinnata</i>	drooping coneflower	1
<i>Schizachyrium scoparium</i>	little bluestem	4
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	1

<i>Solidago canadensis</i>	Canada goldenrod	1
<i>Solidago riddellii</i>	Riddell's goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	1
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Sporobolus heterolepis</i>	northern drop seed	2
<i>Vernonia fasciculata</i>	common ironweed	2
<i>Zizia aptera</i>	golden alexanders	2
<i>Zizia aurea</i>	golden alexanders	3

Site: District 3

N# 36

Date: 10/7/02

Evaluator(s): William C. Handel

Location: IL-54 from Ridgeville to Thawville, including Thawville Road on Old IL-54

County: Iroquois

GPS Data: Starting UTM 16T 0409836 - 4507518

GPS Data Ending UTM 16T 0406238 - 4503704

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Festuca pratensis

meadow fescue

Phragmites australis

common red reed

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 3.3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#36

Scientific Name

Common Name

RAV

Ambrosia trifida

giant ragweed

1

Andropogon gerardii

big bluestem

5

Asclepias syriaca

common milkweed

2

Aster ericoides

heath aster

2

Aster laevis

smooth aster

1

Aster novae-angliae

New England aster

2

Aster pilosus

hairy aster

2

Aster praealtus

willow-leaved aster

2

Bromus inermis

smooth brome grass

4

Cirsium discolor

field thistle

1

Cornus racemosa

gray dogwood

3

Coronilla varia

crown vetch

3

Daucus carota

Queen-Anne's-lace

2

Elymus canadensis

Canada wild rye

4

Eryngium yuccifolium

rattlesnake master

2

Festuca pratensis

meadow fescue

4

Fraxinus americana

white ash

2

Helianthus grosseserratus

tall sunflower

2

Helianthus mollis

hairy sunflower

2

Helianthus rigidus

prairie sunflower

3

Lactuca canadensis

Canada lettuce

1

Monarda fistulosa

wild bergamot

1

Muhlenbergia mexicana

leafy satin grass

2

Panicum virgatum

prairie switch grass

2

Prunus americana

American plum

2

Prunus serotina

wild black cherry

2

<i>Ratibida pinnata</i>	drooping coneflower	4
<i>Rosa carolina</i>	pasture rose	4
<i>Rubus allegheniensis</i>	common blackberry	2
<i>Salix exigua</i>	sandbar willow	2
<i>Silphium laciniatum</i>	compass plant	4
<i>Silphium perfoliatum</i>	cup plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago canadensis</i>	Canada goldenrod	5

Plant List for Site N#36

Scientific Name	Common Name		RAV
<i>Solidago missouriensis</i>	Missouri goldenrod	1	
<i>Solidago rigida</i>	rigid goldenrod	5	
<i>Spartina pectinata</i>	prairie cord grass	3	
<i>Ulmus americana</i>	American elm	2	
<i>Vernonia missurica</i>	Missouri ironweed	1	
<i>Veronicastrum virginicum</i>	Culver's root	2	

Site: District 3

N# 37

Date: 10/7/02

Evaluator(s): William C. Handel

Location: Thawville Road west of Thawville on Old IL-54 to IL-115

County: Ford

GPS Data: Starting UTM 16T 0405672 - 4503100

GPS Data Ending UTM 16T 0400876 - 4497511

Quality Class: 1-2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Coronilla varia

Festuca pratensis

Phragmites australis

Common Name

smooth brome grass

crown vetch

meadow fescue

common red reed

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High populations of conservative species.

Comments: Highest quality of this remnant occurs 1.4 miles to 5 miles west of Thawville.

Plant List for Site N#37

Scientific Name

Amorpha canescens

Andropogon gerardii

Anemone cylindrica

Aristida longespica

Asclepias syriaca

Aster ericoides

Aster laevis

Aster novae-angliae

Aster pilosus

Brickellia eupatorioides

Bromus inermis

Cassia fasciculata

Ceanothus americanus

Cirsium discolor

Coreopsis palmata

Cornus racemosa

Desmanthus illinoensis

Echinacea pallida

Elymus canadensis

Eryngium yuccifolium

Eupatorium altissimum

Euphorbia corollata

Festuca pratensis

Gaura biennis

Gentiana puberulenta

Helianthus grosseserratus

Common Name

lead plant

big bluestem

candle anemone

three awn

common milkweed

heath aster

smooth aster

New England aster

hairy aster

false boneset

smooth brome grass

partridge pea

New Jersey tea

field thistle

prairie coreopsis

gray dogwood

Illinois bundleflower

pale purple coneflower

Canada wild rye

rattlesnake master

tall boneset

flowering spurge

meadow fescue

gaura

downy gentian

tall sunflower

RAV

3

4

4

1

1

3

2

4

4

2

3

2

1

3

2

2

2

4

4

2

2

2

3

1

3

2

<i>Helianthus rigidus</i>	prairie sunflower	2
<i>Lactuca canadensis</i>	Canada lettuce	3
<i>Lespedeza capitata</i>	bush clover	3
<i>Liatris aspera</i>	rough blazing star	3
<i>Liatris pycnostachya</i>	gayfeather	3
<i>Lithospermum canescens</i>	hoary puccoon	3
<i>Melilotus</i> spp.	sweet clovers	3

Plant List for Site N#14

Scientific Name	Common Name	RAV
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	2
<i>Parthenium integrifolium</i>	American feverfew	1
<i>Physostegia virginiana</i>	false dragonhead	1
<i>Prunus americana</i>	American plum	2
<i>Pycnanthemum virginianum</i>	mountain mint	5
<i>Ratibida pinnata</i>	drooping coneflower	5
<i>Rosa carolina</i>	pasture rose	4
<i>Ruellia humilis</i>	hairy ruellia	2
<i>Salix exigua</i>	sandbar willow	2
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium laciniatum</i>	compass plant	4
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago nemoralis</i>	dyersweed goldenrod	3
<i>Solidago rigida</i>	rigid goldenrod	5
<i>Spartina pectinata</i>	prairie cord grass	2
<i>Veronicastrum virginicum</i>	Culver's root	1

Site: District 3

N# 38

Date: 10/7/02

Evaluator(s): William C. Handel

Location: IL-54 at Gutherie

County: Ford

GPS Data: Starting UTM 16T 0389023 - 4486253

GPS Data Ending UTM 16T 0387933 - 4485162

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Pastinaca sativa

wild parsnip

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#38

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

4

Aristida longespica

three awn

2

Aster laevis

smooth aster

3

Aster novae-angliae

New England aster

1

Brickellia eupatorioides

false boneset

1

Bromus inermis

smooth brome grass

5

Eupatorium altissimum

tall boneset

2

Euphorbia corollata

flowering spurge

1

Festuca pratensis

meadow fescue

3

Helianthus rigidus

prairie sunflower

2

Pastinaca sativa

wild parsnip

3

Ratibida pinnata

drooping coneflower

3

Rosa carolina

pasture rose

2

Silphium laciniatum

compass plant

2

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

2

Solidago rigida

rigid goldenrod

3

Spartina pectinata

prairie cord grass

2

Site: District 3

N# 39

Date: 10/7/02

Evaluator(s): William C. Handel

Location: IL-54 west of Gibson City

County: Ford

GPS Data: Starting UTM 16T 0380886 - 4477793

GPS Data Ending UTM 16T 0377064 - 4473681

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Festuca pratensis

Melilotus spp.

Common Name

smooth brome grass

meadow fescue

sweet clovers

Prairie Width: 22 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 5.5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#39

Scientific Name

Andropogon gerardii

Aster ericoides

Aster novae-angliae

Bromus inermis

Daucus carota

Elymus canadensis

Festuca pratensis

Helianthus grosseserratus

Helianthus rigidus

Lactuca canadensis

Melilotus spp.

Ratibida pinnata

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Spartina pectinata

Tridens flavus

Common Name

big bluestem

heath aster

New England aster

smooth brome grass

Queen-Anne's-lace

Canada wild rye

meadow fescue

tall sunflower

prairie sunflower

Canada lettuce

sweet clovers

drooping coneflower

prairie dock

Canada goldenrod

rigid goldenrod

prairie cord grass

false red top

RAV

2

1

1

3

1

3

3

3

1

1

3

2

2

4

1

4

1

Site: District 3

N# 40

Date: 10/7/02

Evaluator(s): William C. Handel

Location: IL-54 4175 N Road

County: McLean

GPS Data: Starting UTM 16T 0375674 - 4472219

GPS Data Ending UTM 16T 0371192 - 4467413

Quality Class: 2

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Pastinaca sativa

wild parsnip

Prairie Width: 22 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 4.5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#40

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

4

Apocynum cannabinum

dogbane

1

Asclepias syriaca

common milkweed

1

Aster ericoides

heath aster

4

Aster pilosus

hairy aster

3

Aster praealtus

willow-leaved aster

2

Bromus inermis

smooth brome grass

3

Coreopsis tripteris

tall coreopsis

2

Elymus canadensis

Canada wild rye

3

Eupatorium altissimum

tall boneset

3

Eupatorium serotinum

late boneset

2

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

2

Helianthus rigidus

prairie sunflower

4

Liatris pycnostachya

gayfeather

2

Panicum virgatum

prairie switch grass

2

Parthenium integrifolium

American feverfew

2

Pastinaca sativa

wild parsnip

3

Prunus americana

American plum

2

Ratibida pinnata

drooping coneflower

2

Rubus allegheniensis

common blackberry

2

Silphium laciniatum

compass plant

2

Silphium terebinthinaceum

prairie dock

5

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

2

Spartina pectinata

prairie cord grass

3

Site: District 3

N# 41

Date: 10/1/02

Evaluator(s): William C. Handel

Location: IL-50 from Will County Line to Manteno

County: Kankakee

GPS Data: Starting UTM 16T 0432187 - 4571946

GPS Data Ending UTM 16T 0430461 - 4567621

Quality Class: 2

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Bromus inermis
Lonicera maackii
Rhamnus cathartica

Common Name

smooth brome grass
amur honeysuckle
common buckthorn

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 2.9 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: Some good quality prairie exists in the first 1.3 miles from the Will County Line and degrades past that point.

Comments: None

Plant List for Site N#41

Scientific Name

Acer saccharinum
Andropogon gerardii
Apocynum cannabinum
Asparagus officinalis
Aster ericoides
Aster novae-angliae
Aster pilosus
Baptisia leucophaea
Bromus inermis
Cassia fasciculata
Crataegus mollis
Eryngium yuccifolium
Eupatorium altissimum
Fraxinus americana
Helianthus rigidus
Lespedeza capitata
Liatris pycnostachya
Lonicera maackii
Monarda fistulosa
Panicum virgatum
Parthenium integrifolium
Physostegia virginiana
Pycnanthemum virginianum
Ratibida pinnata
Rhamnus cathartica
Rosa carolina

Common Name

silver maple
big bluestem
dogbane
garden asparagus
heath aster
New England aster
hairy aster
cream wild indigo
smooth brome grass
partridge pea
red haw
rattlesnake master
tall boneset
white ash
prairie sunflower
bush clover
gayfeather
amur honeysuckle
wild bergamot
prairie switch grass
American feverfew
false dragonhead
mountain mint
drooping coneflower
common buckthorn
pasture rose

RAV

3
3
1
1
1
1
1
1
3
1
2
4
2
1
4
2
2
3
2
2
4
1
1
4
2
1

<i>Rubus allegheniensis</i>	common blackberry	2
<i>Salix exigua</i>	sandbar willow	3
<i>Silphium integrifolium</i>	rosinweed	4
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium perfoliatum</i>	cup plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago missouriensis</i>	Missouri goldenrod	2

Plant List for Site N#41

Scientific Name	Common Name	RAV
<i>Solidago riddellii</i>	Riddell's goldenrod	3
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	4
<i>Sporobolus heterolepis</i>	northern drop seed	2
<i>Typha latifolia</i>	cattail	4
<i>Veronicastrum virginicum</i>	Culver's root	3

Site: District 3

N# 42

Date: 10/1/02

Evaluator(s): William C. Handel

Location: IL-50 from Manteno to Bourbonnais

County: Kankakee

GPS Data: Starting UTM 16T 0429278 - 4564743

GPS Data Ending UTM 16T 0428787 - 4561756

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Bromus inermis
Elaeagnus umbellata
Phalaris arundinacea
Robinia pseudoacacia
Rhamnus cathartica

Common Name

smooth brome grass
autumn olive
reed canary grass
black locust
common buckthorn

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 2 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#42

Scientific Name	Common Name	RAV
<i>Andropogon gerardii</i>	big bluestem	4
<i>Apocynum cannabinum</i>	dogbane	1
<i>Aster novae-angliae</i>	New England aster	1
<i>Bromus inermis</i>	smooth brome grass	3
<i>Cirsium discolor</i>	field thistle	2
<i>Echinacea pallida</i>	pale purple coneflower	1
<i>Elaeagnus umbellata</i>	autumn olive	3
<i>Elymus canadensis</i>	Canada wild rye	3
<i>Eupatorium altissimum</i>	tall boneset	3
<i>Fraxinus americana</i>	white ash	3
<i>Helianthus rigidus</i>	prairie sunflower	1
<i>Liatris pycnostachya</i>	gayfeather	1
<i>Phalaris arundinacea</i>	reed canary grass	3
<i>Ratibida pinnata</i>	drooping coneflower	2
<i>Rhamnus cathartica</i>	common buckthorn	3
<i>Rhus typhina</i>	staghorn sumac	2
<i>Robinia pseudoacacia</i>	black locust	3
<i>Silphium integrifolium</i>	rosinweed	3
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago missouriensis</i>	Missouri goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	3

Site: District 3

N# 43

Date: 10/9/02

Evaluator(s): William C. Handel

Location: 1400 N Backside of Otto Prairie south of Kankakee

County: Kankakee

GPS Data: Starting UTM 16T 0425034 - 4544458

GPS Data Ending UTM 16T 0425187 - 4545009

Quality Class: 3

Natural Community Type(s): Dry-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Coronilla varia

Phalaris arundinacea

Common Name

smooth brome grass

crown vetch

reed canary grass

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 1.5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#43

Scientific Name

Ambrosia trifida

Andropogon gerardii

Aster ericoides

Aster novae-angliae

Aster pilosus

Bromus inermis

Coreopsis tripteris

Coronilla varia

Daucus carota

Eryngium yuccifolium

Eupatorium serotinum

Euthamia graminifolia

Helianthus grosseserratus

Muhlenbergia mexicana

Parthenium integrifolium

Phalaris arundinacea

Physostegia virginiana

Silphium terebinthinaceum

Solidago canadensis

Solidago riddellii

Sorghastrum nutans

Spartina pectinata

Verbena hastata

Vernonia fasciculata

Common Name

giant ragweed

big bluestem

heath aster

New England aster

hairy aster

smooth brome grass

tall coreopsis

crown vetch

Queen-Anne's-lace

rattlesnake master

late boneset

grassleaf goldenrod

tall sunflower

leafy satin grass

American feverfew

reed canary grass

false dragonhead

prairie dock

Canada goldenrod

Riddell's goldenrod

Indian grass

prairie cord grass

blue vervain

common ironweed

RAV

4

4

1

1

1

3

4

2

1

1

2

4

1

2

2

2

2

1

4

2

1

4

2

2

Site: District 3

N# 44

Date: 10/9/02

Evaluator(s): William C. Handel

Location: IL - 57 Otto Prairie south of Kankakee

County: Kankakee

GPS Data: Starting UTM 16T 0425850 - 4546769

GPS Data Ending UTM 16T 0423910 - 4540253

Quality Class: 2

Natural Community Type(s): Dry-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Phalaris arundinacea

reed canary grass

Prairie Width: 25 - 80 m

Signs or Evidence of Management: Yes

No mowing signs

Dist. from Pavement: 6 m

Railroad Activity: Active

Prairie Length: 4.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: Some diversity of conservative species. This area is a state INAI site. It appears that it may have not been burned or managed in recent history.

Polygala incarnata (pink milkwort) an Illinois endangered species occurs at this site.

Comments: Best quality prairie is 0.2 miles south of Otto Road extending for 2.5 miles the rest is highly degraded.

Plant List for Site N#44

Scientific Name

Common Name

RAV

Ambrosia artemisiifolia

ragweed

2

Andropogon gerardii

big bluestem

3

Asclepias syriaca

common milkweed

1

Aster ericoides

heath aster

1

Aster laevis

smooth aster

2

Aster novae-angliae

New England aster

2

Aster praealtus

willow-leaved aster

2

Bromus inermis

smooth brome grass

3

Coreopsis tripteris

tall coreopsis

3

Coronilla varia

crown vetch

3

Elaeagnus umbellata

autumn olive

3

Eragrostis spectabilis

purple love grass

3

Eryngium yuccifolium

rattlesnake master

2

Eupatorium altissimum

tall boneset

1

Euphorbia corollata

flowering spurge

1

Euthamia graminifolia

grassleaf goldenrod

3

Festuca pratensis

meadow fescue

3

Fraxinus americana

white ash

3

Helianthus grosseserratus

tall sunflower

4

Helianthus rigidus

prairie sunflower

2

Liatris pycnostachya

gayfeather

3

Panicum virgatum

prairie switch grass

4

<i>Parthenium integrifolium</i>	American feverfew	3
<i>Phalaris arundinacea</i>	reed canary grass	3
<i>Phragmites australis</i>	common red reed	3
<i>Populus deltoides</i>	cottonwood	2
<i>Prenanthes aspera</i>	rough white lettuce	2
<i>Silphium laciniatum</i>	compass plant	1
<i>Silphium terebinthinaceum</i>	prairie dock	1
<i>Solidago canadensis</i>	Canada goldenrod	5
Plant List for Site N#44		
Scientific Name	Common Name	RAV
<i>Solidago rigida</i>	rigid goldenrod	1
<i>Solidago speciosa</i>	showy goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	2
<i>Typha latifolia</i>	cattail	2
<i>Verbena hastata</i>	blue vervain	3
<i>Veronicastrum virginicum</i>	Culver's root	1

Site: District 3

N# 45

Date: 10/9/02

Evaluator(s): William C. Handel

Location: 7000 N Road

County: Kankakee

GPS Data: UTM 16T 0415730 - 4545096

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Common Name

smooth brome grass

Prairie Width: 100 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Abandoned

Prairie Length: 0.1 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#45

Scientific Name

Andropogon gerardii

Aster ericoides

Aster novae-angliae

Bromus inermis

Cassia fasciculata

Cirsium discolor

Daucus carota

Eragrostis spectabilis

Euthamia graminifolia

Fragaria virginiana

Lespedeza capitata

Liatris pycnostachya

Monarda fistulosa

Ratibida pinnata

Salix exigua

Silphium integrifolium

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Sporobolus asper

Common Name

big bluestem

heath aster

New England aster

smooth brome grass

partridge pea

field thistle

Queen-Anne's-lace

purple love grass

grassleaf goldenrod

wild strawberry

bush clover

gayfeather

wild bergamot

drooping coneflower

sandbar willow

rosinweed

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

drop seed

RAV

1

4

2

3

1

2

1

3

3

3

1

2

2

3

3

2

3

2

4

3

4

Site: District 3

N# 46

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US- 45 0.5 miles north of Langon Creek to Chebanse

County: Iroquois

GPS Data: Starting UTM 16T 0422528 - 4535891

GPS Data Ending UTM 16T 0423432 - 4538830

Quality Class: 1

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Elaeagnus umbellata

autumn olive

Festuca pratensis

meadow fescue

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High concentrations of conservative species occur at intervals throughout the remnant.

Comments: There are areas of exposed gravel scattered in the remnant.

Plant List for Site N#46

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Aristida longespica

three awn

4

Aster ericoides

heath aster

4

Aster novae-angliae

New England aster

4

Aster pilosus

hairy aster

1

Cassia fasciculata

partridge pea

1

Cirsium discolor

field thistle

1

Coreopsis tripteris

tall coreopsis

4

Dalea candida

white prairie clover

1

Dalea purpurea

purple prairie clover

2

Echinacea pallida

pale purple coneflower

3

Elaeagnus umbellata

autumn olive

3

Elymus canadensis

Canada wild rye

3

Eryngium yuccifolium

rattlesnake master

5

Eupatorium altissimum

tall boneset

2

Festuca pratensis

meadow fescue

3

Fragaria virginiana

wild strawberry

1

Gaura biennis

gaura

1

Lactuca canadensis

Canada lettuce

2

Liatris aspera

rough blazing star

3

Panicum virgatum

prairie switch grass

4

Parthenium integrifolium

American feverfew

3

Phlox pilosa

downy phlox

2

Physostegia virginiana

false dragonhead

2

Populus deltoides

cottonwood

4

Prenanthes racemosa

glaucous white lettuce

3

Ratibida pinnata

drooping coneflower

3

Salix exigua

sandbar willow

3

<i>Schizachyrium scoparium</i>	little bluestem	3
<i>Silphium integrifolium</i>	rosinweed	4
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago canadensis</i>	Canada goldenrod	3
<i>Solidago nemoralis</i>	dyersweed goldenrod	3
<i>Solidago rigida</i>	rigid goldenrod	5
<i>Spartina pectinata</i>	prairie cord grass	2
<i>Zizia aurea</i>	golden alexanders	2

Site: District 3

N# 47

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US- 45 0.5 miles north of Langon Creek to Chebanse

County: Iroquois

GPS Data: Starting UTM 16T 0422528 - 4535891

GPS Data Ending UTM 16T 0423432 - 4538830

Quality Class: 2

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Elaeagnus umbellata

autumn olive

Festuca pratensis

meadow fescue

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There are some conservative species in this remnant.

Comments: None

Plant List for Site N#47

Scientific Name	Common Name	RAV
<i>Andropogon gerardii</i>	big bluestem	3
<i>Aster ericoides</i>	heath aster	3
<i>Aster novae-angliae</i>	New England aster	1
<i>Aster pilosus</i>	hairy aster	1
<i>Cassia fasciculata</i>	partridge pea	3
<i>Cirsium discolor</i>	field thistle	1
<i>Elymus canadensis</i>	Canada wild rye	4
<i>Eryngium yuccifolium</i>	rattlesnake master	3
<i>Euphorbia corollata</i>	flowering spurge	2
<i>Festuca pratensis</i>	bluegrass	3
<i>Helianthus grosseserratus</i>	tall sunflower	1
<i>Helianthus rigidus</i>	prairie sunflower	5
<i>Lespedeza capitata</i>	bush clover	4
<i>Liatris pycnostachya</i>	gayfeather	4
<i>Panicum virgatum</i>	prairie switch grass	5
<i>Pastinaca sativa</i>	wild parsnip	3
<i>Phlox pilosa</i>	downy phlox	3
<i>Physostegia virginiana</i>	false dragonhead	3
<i>Schizachyrium scoparium</i>	little bluestem	3
<i>Silphium laciniatum</i>	compass plant	5
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	3
<i>Zizia aurea</i>	golden alexanders	3

Site: District 3

N# 48

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US- 45 Ashkum to Clifton

County: Iroquois

GPS Data: Starting UTM 16T 0419765 - 4526678

GPS Data Ending UTM 16T 0421089 - 4531083

Quality Class: 2

Natural Community Type(s): Wet-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Prairie Width: 25 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 2.7 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#48

Scientific Name

Common Name

RAV

Bromus inermis

smooth brome grass

3

Festuca pratensis

meadow fescue

3

Andropogon gerardii

big bluestem

3

Aster ericoides

heath aster

4

Aster novae-angliae

New England aster

2

Salix exigua

sandbar willow

2

Eryngium yuccifolium

rattlesnake master

4

Eupatorium altissimum

tall boneset

4

Helianthus grosseserratus

tall sunflower

3

Liatris pycnostachya

gayfeather

4

Muhlenbergia mexicana

leafy satin grass

3

Panicum virgatum

prairie switch grass

5

Calamagrostis canadensis

bluejoint grass

2

Aster praealtus

willow-leaved aster

2

Ratibida pinnata

drooping coneflower

3

Rosa carolina

pasture rose

3

Silphium laciniatum

compass plant

2

Silphium terebinthinaceum

prairie dock

5

Solidago canadensis

Canada goldenrod

5

Solidago rigida

rigid goldenrod

5

Sorghastrum nutans

Indian grass

2

Spartina pectinata

prairie cord grass

4

Sporobolus asper

drop seed

3

Vernonia fasciculata

common ironweed

2

Site: District 3

N# 49

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US- 45 Ashkum to Danforth

County: Iroquois

GPS Data: Starting UTM 16T 0417772 - 4520103

GPS Data Ending UTM 16T 0419374 - 4525390

Quality Class: 2

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing, woody invasion

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Dipsacus laciniatus

cut-leaved teasel

Typha angustifolia

narrow-leaved cattail

Festuca pratensis

meadow fescue

Phragmites australis

common red reed

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 3.4 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#49

Scientific Name

Common Name

RAV

Acer negundo

boxelder

2

Acer saccharinum

silver maple

1

Andropogon gerardii

big bluestem

4

Apocynum cannabinum

dogbane

1

Aster ericoides

heath aster

2

Aster novae-angliae

New England aster

3

Aster pilosus

hairy aster

2

Aster praealtus

willow-leaved aster

2

Bromus inermis

smooth brome grass

3

Dipsacus laciniatus

cut-leaved teasel

3

Elymus canadensis

Canada wild rye

3

Eryngium yuccifolium

rattlesnake master

4

Eupatorium altissimum

tall boneset

4

Euphorbia corollata

flowering spurge

2

Festuca pratensis

meadow fescue

3

Fragaria virginiana

wild strawberry

3

Fraxinus americana

white ash

3

Helianthus grosseserratus

tall sunflower

3

Helianthus rigidus

prairie sunflower

3

Oenothera biennis

evening primrose

2

Panicum virgatum

prairie switch grass

2

Parthenium integrifolium

American feverfew

3

Phragmites australis

common red reed

3

Populus deltoides

cottonwood

2

Ratibida pinnata

drooping coneflower

2

<i>Rosa carolina</i>	pasture rose	4
<i>Rubus allegheniensis</i>	common blackberry	2
<i>Salix exigua</i>	sandbar willow	4
<i>Silphium integrifolium</i>	rosinweed	1
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Smilacina stellata</i>	starry false solomon seal	3

Plant List for Site N#49

Scientific Name	Common Name	RAV
<i>Solidago canadensis</i>	Canada goldenrod	4
<i>Solidago rigida</i>	rigid goldenrod	5
<i>Spartina pectinata</i>	prairie cord grass	5
<i>Typha angustifolia</i>	narrow-leaved cattail	3

Site: District 3

N# 50

Date: 10/9/02

Evaluator(s): William C. Handel

Location: Danforth, Front Street (780 E)

County: Iroquois

GPS Data: Starting UTM 16T 0417288 - 4518754

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Coronilla varia

crown vetch

Daucus carota

Queen-Anne's-lace

Phalaris arundinacea

reed canary grass

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 0.2 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#50

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

2

Bromus inermis

smooth brome grass

3

Coronilla varia

crown vetch

3

Daucus carota

Queen-Anne's-lace

5

Eupatorium altissimum

tall boneset

2

Euphorbia corollata

flowering spurge

2

Helianthus grosseserratus

tall sunflower

2

Helianthus rigidus

prairie sunflower

2

Phalaris arundinacea

reed canary grass

3

Silphium laciniatum

compass plant

3

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

2

Spartina pectinata

prairie cord grass

3

Site: District 3

N# 51

Date: 10/9/02

Evaluator(s): William C. Handel

Location: US- 45 Onarga to Del Ray

County: Iroquois

GPS Data: Starting UTM 16T 0414866 - 4506874

GPS Data Ending UTM 16T 0414141 - 4503113

Quality Class: 3

Natural Community Type(s): Mesic to wet-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Common Name

Pastinaca sativa

wild parsnip

Robinia pseudoacacia

black locust

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 2.2 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: Last mile to Del Ray is highly degraded.

Plant List for Site N#51

Scientific Name	Common Name	RAV
<i>Ambrosia trifida</i>	giant ragweed	1
<i>Andropogon gerardii</i>	big bluestem	4
<i>Asparagus officinalis</i>	garden asparagus	1
<i>Aster ericoides</i>	heath aster	1
<i>Cirsium discolor</i>	field thistle	2
<i>Coreopsis tripteris</i>	tall coreopsis	2
<i>Elymus canadensis</i>	Canada wild rye	5
<i>Eryngium yuccifolium</i>	rattlesnake master	2
<i>Eupatorium altissimum</i>	tall boneset	5
<i>Eupatorium serotinum</i>	late boneset	3
<i>Euphorbia corollata</i>	flowering spurge	2
<i>Helianthus rigidus</i>	prairie sunflower	3
<i>Panicum virgatum</i>	prairie switch grass	5
<i>Pastinaca sativa</i>	wild parsnip	3
<i>Ratibida pinnata</i>	drooping coneflower	2
<i>Rhus glabra</i>	smooth sumac	5
<i>Robinia pseudoacacia</i>	black locust	3
<i>Salix exigua</i>	sandbar willow	2
<i>Silphium integrifolium</i>	rosinweed	4
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	5
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago rigida</i>	rigid goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	2
<i>Typha latifolia</i>	cattail	1

Site: District 3

N# 52

Date: 8/21/02

Evaluator(s): William C. Handel

Location: US- 45 Del Ray to Buckley

County: Iroquois

GPS Data: Starting UTM 16T 0414001 - 4502298

GPS Data Ending UTM 16T 0412301 - 4994970

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Pastinaca sativa

wild parsnip

Ulmus pumila

Siberian elm

Phragmites australis

common red reed

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 4.7 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#52

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

5

Asclepias syriaca

common milkweed

4

Aster ericoides

heath aster

4

Bromus inermis

smooth brome grass

3

Cassia fasciculata

partridge pea

4

Cirsium discolor

field thistle

3

Elymus canadensis

Canada wild rye

5

Eupatorium altissimum

tall boneset

2

Euphorbia corollata

flowering spurge

4

Fragaria virginiana

wild strawberry

2

Gaura biennis

gaura

1

Helianthus rigidus

prairie sunflower

3

Heliopsis helianthoides

false sunflower

2

Lactuca canadensis

Canada lettuce

4

Liatris pycnostachya

gayfeather

3

Monarda fistulosa

wild bergamot

2

Pastinaca sativa

wild parsnip

3

Phragmites australis

common red reed

3

Populus deltoides

cottonwood

2

Ratibida pinnata

drooping coneflower

2

Rosa carolina

pasture rose

2

Salix exigua

sandbar willow

1

Silphium integrifolium

rosinweed

4

Silphium laciniatum

compass plant

3

Silphium perfoliatum

cup plant

1

Silphium terebinthinaceum

prairie dock

2

<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago rigida</i>	rigid goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	2
<i>Ulmus pumila</i>	Siberian elm	3

Site: District 3

N# 53

Date: 5/15/01

Evaluator(s): William C. Handel

Location: US- 45 300 m north of 700 N south of Buckley

County: Iroquois

GPS Data: Starting UTM 16T 0412035 - 4494177

GPS Data Ending UTM 16T 0409272 - 4485980

Quality Class: 1-2

Natural Community Type(s): Dry-mesic/mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Pastinaca sativa

Common Name

wild parsnip

Prairie Width: 30 m

Signs or Evidence of Management: Yes

Evidence of burning

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 4.5 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High concentrations of conservative species.

Comments: The first 3 miles are the highest quality.

Plant List for Site N#53

Scientific Name

Andropogon gerardii

Anemone caroliniana

Antennaria plantaginifolia

Apocynum sibiricum

Asparagus officinalis

Aster ericoides

Aster novae-angliae

Camassia scilloides

Carex meadii

Cassia fasciculata

Cirsium discolor

Comandra umbellata

Crataegus crus-galli

Echinacea pallida

Elymus canadensis

Equisetum hyemale

Eryngium yuccifolium

Euphorbia corollata

Fragaria virginiana

Gaura biennis

Liatris aspera

Liatris pycnostachya

Lithospermum canescens

Lythrum alatum

Oxypolis rigidior

Panicum virgatum

Parthenium integrifolium

Pastinaca sativa

Common Name

big bluestem

Carolina anemone

everlasting

Indian hemp

garden asparagus

heath aster

New England aster

wild hyacinth

mead sedge

partridge pea

field thistle

bastard toadflax

cock-spur thorn

pale purple coneflower

Canada wild rye

scouring rush

rattlesnake master

flowering spurge

wild strawberry

gaura

rough blazing star

gayfeather

hoary puccoon

winged loosestrife

cowbane

prairie switch grass

American feverfew

wild parsnip

RAV

3

1

3

2

3

2

2

3

2

2

2

2

1

2

3

2

4

2

3

2

1

2

1

2

2

3

2

2

Phlox pilosa
Poa pratensis
Populus deltoides
Potentilla simplex
Prunus americana
Pycnanthemum virginianum
Ratibida pinnata
Rosa carolina

downy phlox 3
Kentucky bluegrass 1
cottonwood 2
common cinquefoil 4
American plum 2
mountain mint 3
drooping coneflower 3
pasture rose 3

Plant List for Site N#53

Scientific Name

Ruellia humilis
Scirpus pendulus
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium albidum
Solidago canadensis
Solidago nemoralis
Solidago rigida
Sorghastrum nutans
Spartina pectinata
Sporobolus asper
Thaspium barbinode
Tradescantia ohiensis
Typha latifolia
Verbena hastata
Zizia aurea

Common Name

hairy ruellia
red bulrush
rosinweed
compass plant
prairie dock
blue-eyed grass
Canada goldenrod
dyersweed goldenrod
rigid goldenrod
Indian grass
prairie cord grass
drop seed
meadow parsnip
Ohio spiderwort
cattail
blue vervain
golden alexanders

RAV

1
2
3
2
4
3
2
2
4
4
3
3
1
1
2
1
2

Site: District 3

N# 54

Date: 5/15/01

Evaluator(s): William C. Handel

Location: Township 12 A 290 E - 400 E on the backside of US- 45

County: Iroquois

GPS Data: Starting UTM 16T 0410193- 4488924

GPS Data Ending UTM 16T 0409292 - 4486261

Quality Class: 1

Natural Community Type(s): Dry-mesic/mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion, and construction

Scientific Name

Common Name

Elaeagnus umbellata

autumn olive

Prairie Width: 30 m

Signs or Evidence of Management: Yes (see below)

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 1.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High concentrations of conservative species.

Comments: *Elaeagnus umbellata* (autumn olive) was treated with a basal bark herbicide (Garlon 4?) during the 2001.

Plant List for Site N#54

Scientific Name

Common Name

RAV

Amorpha canescens

lead plant

2

Andropogon gerardii

big bluestem

3

Antennaria neglecta

cat's foot

4

Asclepias incarnata

swamp milkweed

1

Aster novae-angliae

New England aster

3

Calamagrostis canadensis

bluejoint grass

2

Cassia fasciculata

partridge pea

3

Comandra umbellata

bastard toadflax

2

Coreopsis palmata

prairie coreopsis

2

Dalea purpurea

purple prairie clover

3

Desmanthus illinoensis

Illinois bundleflower

2

Echinacea pallida

pale purple coneflower

4

Elaeagnus umbellata

autumn olive

3

Elymus canadensis

Canada wild rye

3

Eryngium yuccifolium

rattlesnake master

1

Euphorbia corollata

flowering spurge

5

Euthamia graminifolia

grassleaf goldenrod

4

Gaura biennis

gaura

2

Helianthus grosseserratus

tall sunflower

2

Lespedeza capitata

bush clover

2

Liatris aspera

rough blazing star

2

Liatris pycnostachya

gayfeather

2

Lithospermum canescens

hoary puccoon

3

Lythrum alatum

winged loosestrife

2

Parthenium integrifolium

American feverfew

3

Phlox pilosa

downy phlox

4

Poa pratensis

Kentucky bluegrass

4

Prenanthes racemosa

white lettuce

2

<i>Pycnanthemum tenuifolium</i>	slender mountain mint	1
<i>Ratibida pinnata</i>	drooping coneflower	3
<i>Rosa carolina</i>	pasture rose	1
<i>Salix exigua</i>	sandbar willow	4
<i>Silphium integrifolium</i>	rosinweed	1
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Sisyrinchium albidum</i>	blue-eyed grass	1
Plant List for Site N#54		
Scientific Name	Common Name	RAV
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago missouriensis</i>	Missouri goldenrod	4
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	2
<i>Sporobolus asper</i>	drop seed	1
<i>Tomanthera auriculata</i> (State Threatened)	false foxglove	1
<i>Zizia aurea</i>	golden alexanders	3

Site: District 3

N# 55

Date: 9/5/02

Evaluator(s): William C. Handel

Location: US- 45 starting 250 m south of Loda; Loda to Paxton

County: Ford

GPS Data: Starting UTM 16T 0408964 - 4485044

GPS Data Ending UTM 16T 0407374 - 4480318

Quality Class: 2 - 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion

Scientific Name

Bromus inermis

Melilotus spp.

Phalaris arundinacea

Robinia pseudoacacia

Common Name

smooth brome grass

sweet clovers

reed canary grass

black locust

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 3.3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: Some conservative species are present.

Comments: The best quality occurs in the first 2.2 miles.

Plant List for Site N#55

Scientific Name

Andropogon gerardii

Anemone cylindrica

Asclepias sullivantii

Aster ericoides

Aster novae-angliae

Bromus inermis

Cassia fasciculata

Cirsium discolor

Echinacea pallida

Elymus canadensis

Eryngium yuccifolium

Eupatorium altissimum

Gaura biennis

Helianthus rigidus

Hypericum sphaerocarpum

Lespedeza capitata

Liatris aspera

Liatris pycnostachya

Lobelia spicata

Melilotus spp.

Panicum virgatum

Phalaris arundinacea

Prenanthes racemosa

Ratibida pinnata

Rhus glabra

Robinia pseudoacacia

Salix exigua

Common Name

big bluestem

candle anemone

prairie milkweed

heath aster

New England aster

smooth brome grass

partridge pea

field thistle

pale purple coneflower

Canada wild rye

rattlesnake master

tall boneset

gaura

prairie sunflower

round-fruited St. John's-wort

bush clover

rough blazing star

gayfeather

spiked lobelia

sweet clovers

prairie switch grass

reed canary grass

glaucous white lettuce

drooping coneflower

smooth sumac

black locust

sandbar willow

RAV

5

2

1

2

2

2

3

3

1

2

2

2

1

1

2

3

3

2

2

3

2

3

1

3

2

3

2

<i>Salix humilis</i>	prairie willow	2
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium laciniatum</i>	compass plant	2
<i>Silphium terebinthinaceum</i>	prairie dock	2
<i>Solidago canadensis</i>	Canada goldenrod	4
<i>Solidago missouriensis</i>	Missouri goldenrod	1
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Sporobolus asper</i>	drop seed	2

Site: District 3

N# 56

Date: 9/5/02

Evaluator(s): William C. Handel

Location: Paxton, 500 N to 100 N Road, on the backside of US- 45

County: Ford

GPS Data: Starting UTM 16T 0407559 - 4481080

GPS Data Ending UTM 16T 0408577 - 4484111

Quality Class: 3

Natural Community Type(s): Mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, woody invasion, mowing, and cultivation

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Elaeagnus umbellata

autumn olive

Melilotus spp.

sweet clovers

Phragmites australis

common red reed

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 1.1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: Some conservative species are present.

Comments: Last section is being mowed for hay.

Plant List for Site N#56

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

2

Bromus inermis

smooth brome grass

5

Coreopsis tripteris

tall coreopsis

3

Elaeagnus umbellata

autumn olive

3

Eupatorium altissimum

tall boneset

3

Fraxinus americana

white ash

1

Gaura biennis

gaura

1

Helianthus rigidus

prairie sunflower

5

Melilotus spp.

sweet clovers

3

Phragmites australis

common red reed

3

Silphium terebinthinaceum

prairie dock

3

Solidago rigida

rigid goldenrod

3

Sorghastrum nutans

Indian grass

2

Spartina pectinata

prairie cord grass

2

Sporobolus asper

drop seed

2

Site: District 3

N# 57

Date: 9/5/02

Evaluator(s): William C. Handel

Location: US- 45 Paxton to Ludlow terminated at Green Street exit.

County: Ford

GPS Data: Starting UTM 16T 0404895 - 4472835

GPS Data Ending UTM 16T 0406555 - 4477849

Quality Class: 1 - 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Dipsacus laciniatus

cut-leaved teasel

Festuca pratensis

meadow fescue

Pastinaca sativa

wild parsnip

Rosa multiflora

multiflora rose

Prairie Width: 55 m

Signs or Evidence of Management: Yes

No mowing signs

Dist. from Pavement: 4 m

Railroad Activity: Active

Prairie Length: 3.4 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There is good diversity and density of conservative species present.

Comments: The best sections occur between 0 N to 100 N for about 0.6 tenths of mile south of Paxton.

Plant List for Site N#57

Scientific Name

Common Name

RAV

Amorpha canescens

lead plant

2

Andropogon gerardii

big bluestem

5

Anemone cylindrica

candle anemone

3

Apocynum cannabinum

dogbane

1

Asclepias syriaca

common milkweed

1

Aster ericoides

heath aster

3

Aster laevis

smooth aster

3

Aster novae-angliae

New England aster

3

Aster pilosus

hairy aster

3

Brickellia eupatorioides

false boneset

4

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

2

Comandra umbellata

bastard toadflax

2

Coreopsis palmata

prairie coreopsis

3

Coreopsis tripteris

tall coreopsis

2

Dalea purpurea

purple prairie clover

3

Dipsacus laciniatus

cut-leaved teasel

3

Echinacea pallida

pale purple coneflower

3

Elymus canadensis

Canada wild rye

3

Equisetum hyemale

scouring rush

2

Eryngium yuccifolium

rattlesnake master

3

Eupatorium altissimum

tall boneset

2

<i>Euthamia graminifolia</i>	grassleaf goldenrod	4
<i>Festuca pratensis</i>	meadow fescue	3
<i>Helianthus mollis</i>	hairy sunflower	4
<i>Helianthus rigidus</i>	prairie sunflower	4
<i>Hypericum sphaerocarpum</i>	round-fruited St. John's-wort	2
<i>Liatris aspera</i>	rough blazing star	3
<i>Liatris pycnostachya</i>	gayfeather	3

Plant List for Site N#57

Scientific Name	Common Name	RAV
<i>Lobelia spicata</i>	spiked lobelia	2
<i>Monarda fistulosa</i>	bee balm	3
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	2
<i>Panicum virgatum</i>	prairie switch grass	1
<i>Parthenium integrifolium</i>	American feverfew	2
<i>Pastinaca sativa</i>	wild parsnip	3
<i>Phlox pilosa</i>	downy phlox	2
<i>Physostegia virginiana</i>	false dragonhead	1
<i>Potentilla arguta</i>	prairie cinquefoil	3
<i>Prenanthes racemosa</i>	prairie lettuce	2
<i>Pycnanthemum tenuifolium</i>	slender mountain mint	2
<i>Ratibida pinnata</i>	drooping coneflower	4
<i>Rhus glabra</i>	smooth sumac	3
<i>Rosa carolina</i>	pasture rose	3
<i>Rosa multiflora</i>	multiflora rose	2
<i>Rudbeckia hirta</i>	black-eyed susan	1
<i>Salix exigua</i>	sandbar willow	3
<i>Schizachyrium scoparium</i>	little bluestem	3
<i>Silphium laciniatum</i>	compass plant	4
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	5
<i>Solidago rigida</i>	rigid goldenrod	5
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Sporobolus heterolepis</i>	northern drop seed	3

Site: District 3

N# 58

Date: 10/1/02

Evaluator(s): William C. Handel

Location: 0.3 mile from Grant Park along 12000 E. Road

County: Kankakee

GPS Data: Starting UTM 16T 0440617 - 4564900

GPS Data Ending UTM 16T 0446031 - 4563687

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Lonicera maackii

Phalaris arundinacea

Common Name

smooth brome grass

amur honeysuckle

reed canary grass

Prairie Width: 15 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 0.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#58

Scientific Name

Andropogon gerardii

Asclepias syriaca

Aster ericoides

Aster laevis

Aster novae-angliae

Aster pilosus

Bromus inermis

Ceanothus americanus

Celastrus scandens

Elymus canadensis

Eupatorium altissimum

Euphorbia corollata

Helianthus grosseserratus

Lonicera maackii

Monarda fistulosa

Phalaris arundinacea

Ratibida pinnata

Rhus glabra

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Sporobolus asper

Common Name

big bluestem

common milkweed

heath aster

smooth aster

New England aster

hairy aster

smooth brome grass

New Jersey tea

bittersweet

Canada wild rye

tall boneset

flowering spurge

tall sunflower

amur honeysuckle

wild bergamot

reed canary grass

drooping coneflower

smooth sumac

compass plant

prairie dock

Canada goldenrod

rigid goldenrod

drop seed

RAV

2

1

3

1

1

1

3

2

2

2

2

3

2

3

2

3

4

3

4

1

4

4

2

Site: District 3

N# 59

Date: 10/1/02

Evaluator(s): William C. Handel

Location: 4000 N, starts at the intersection of 15500 E Road

County: Kankakee

GPS Data: Starting UTM 16T 0451666 - 4558869

GPS Data Ending UTM 16T 0449630 - 4558822

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics

Scientific Name

Bromus inermis

Common Name

smooth brome grass

Prairie Width: 15 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 1.3 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#59

Scientific Name

Ambrosia trifida

Andropogon gerardii

Asclepias syriaca

Aster ericoides

Aster pilosus

Baptisia lactea

Bromus inermis

Cirsium discolor

Cornus racemosa

Eryngium yuccifolium

Eupatorium altissimum

Helianthus grosseserratus

Helianthus rigidus

Parthenium integrifolium

Quercus alba

Ratibida pinnata

Rubus allegheniensis

Salix humilis

Silphium laciniatum

Silphium terebinthinaceum

Solidago rigida

Veronicastrum virginicum

Common Name

giant ragweed

big bluestem

common milkweed

heath aster

hairy aster

white wild indigo

smooth brome grass

field thistle

gray dogwood

rattlesnake master

tall boneset

tall sunflower

prairie sunflower

American feverfew

white oak

drooping coneflower

common blackberry

prairie willow

compass plant

prairie dock

rigid goldenrod

Culver's root

RAV

3

3

1

4

1

1

5

1

2

5

2

2

2

2

2

1

3

2

2

2

5

2

Site: District 3

N# 60

Date: 10/8/02

Evaluator(s): William C. Handel

Location: 3300 N, Southeast of St. Anne

County: Iroquois

GPS Data: Starting UTM 16T 0442404 - 4538173

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: None

Prairie Width: 70 m

Signs or Evidence of Management: No

Dist. from Pavement: 1 m

Railroad Activity: Active

Prairie Length: 0.1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#60

Scientific Name	Common Name	RAV
<i>Aster ericoides</i>	heath aster	3
<i>Aster novae-angliae</i>	New England aster	3
<i>Aster pilosus</i>	hairy aster	2
<i>Bidens frondosa</i>	common beggars-ticks	1
<i>Carex sp.</i>	sedge	1
<i>Cassia fasciculata</i>	partridge pea	1
<i>Cirsium discolor</i>	field thistle	1
<i>Fragaria virginiana</i>	wild strawberry	1
<i>Helianthus grosseserratus</i>	tall sunflower	4
<i>Panicum virgatum</i>	prairie switch grass	1
<i>Pycnanthemum virginianum</i>	mountain mint	1
<i>Ratibida pinnata</i>	drooping coneflower	2
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	3
<i>Sporobolus asper</i>	drop seed	4

Site: District 3

N# 61

Date: 10/8/02

Evaluator(s): William C. Handel & Eric Smith

Location: 2100 E Road, north of Pittwood

County: Iroquois

GPS Data: Starting UTM 16T 0438595 - 4525203

GPS Data Ending UTM 16T 0438744 - 4526631

Quality Class: 1

Natural Community Type(s): Dry-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Melilotus spp.

sweet clovers

Pastinaca sativa

wild parsnip

Prairie Width: 20 m

Signs or Evidence of Management: No

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 1 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There is a high density of conservative forbs.

Comments: None

Plant List for Site N#61

Scientific Name	Common Name	RAV
<i>Achillea millefolium</i>	yarrow	1
<i>Ambrosia trifida</i>	giant ragweed	1
<i>Amorpha canescens</i>	lead plant	2
<i>Andropogon gerardii</i>	big bluestem	2
<i>Anemone cylindrica</i>	candle anemone	1
<i>Artemisia campestris</i>	wormwood	2
<i>Aster ericoides</i>	heath aster	3
<i>Aster novae-angliae</i>	New England aster	3
<i>Cassia fasciculata</i>	partridge pea	3
<i>Cirsium discolor</i>	field thistle	2
<i>Coreopsis palmata</i>	prairie coreopsis	3
<i>Coreopsis tripteris</i>	tall coreopsis	3
<i>Dalea candida</i>	white prairie clover	3
<i>Dalea purpurea</i>	purple prairie clover	4
<i>Daucus carota</i>	Queen-Anne's-lace	1
<i>Elymus canadensis</i>	Canada wild rye	2
<i>Eryngium yuccifolium</i>	rattlesnake master	3
<i>Eupatorium perfoliatum</i>	boneset	2
<i>Euphorbia corollata</i>	flowering spurge	3
<i>Euthamia graminifolia</i>	grassleaf goldenrod	2
<i>Fragaria virginiana</i>	wild strawberry	3
<i>Gentiana puberulenta</i>	downy gentian	2
<i>Helianthus rigidus</i>	prairie sunflower	4
<i>Iris shrevei</i>	southern blue flag	1
<i>Lespedeza capitata</i>	bush clover	2
<i>Liatris aspera</i>	rough blazing star	2
<i>Liatris pycnostachya</i>	gayfeather	2
<i>Liatris spicata</i>	button snakeroot	1

<i>Melilotus alba</i>	white sweet clover	2
<i>Melilotus</i> spp.	sweet clovers	3
<i>Monarda fistulosa</i>	wild bergamot	2
<i>Monarda punctata</i>	horsemint	1
<i>Oenothera rhombipetala</i>	sand evening primrose	2
<i>Onoclea sensibilis</i>	sensitive fern	1
<i>Panicum virgatum</i>	prairie switch grass	1

Plant List for Site N#61

Scientific Name	Common Name	RAV
<i>Parthenium integrifolium</i>	American feverfew	2
<i>Pastinaca sativa</i>	wild parsnip	2
<i>Phlox glaberrima</i>	smooth phlox	1
<i>Physostegia virginiana</i>	false dragonhead	4
<i>Polytaenia nuttallii</i>	prairie parsley	1
<i>Potentilla arguta</i>	prairie cinquefoil	4
<i>Prenanthes racemosa</i>	glaucous white lettuce	2
<i>Pycnanthemum virginianum</i>	mountain mint	2
<i>Ratibida pinnata</i>	drooping coneflower	3
<i>Rosa carolina</i>	pasture rose	2
<i>Rudbeckia hirta</i>	black-eyed susan	1
<i>Salix exigua</i>	sandbar willow	2
<i>Salix humilis</i>	prairie willow	2
<i>Sambucus canadensis</i>	elderberry	1
<i>Schizachyrium scoparium</i>	little bluestem	3
<i>Silene stellata</i>	starry campion	1
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium terebinthinaceum</i>	prairie dock	3
<i>Solidago gigantea</i>	late goldenrod	2
<i>Solidago missouriensis</i>	Missouri goldenrod	3
<i>Solidago nemoralis</i>	dyersweed goldenrod	2
<i>Solidago riddellii</i>	Riddell's goldenrod	1
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Solidago speciosa</i>	showy goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	2
<i>Spartina pectinata</i>	prairie cord grass	3
<i>Sporobolus heterolepis</i>	northern drop seed	2
<i>Veronicastrum virginicum</i>	Culver's root	1
<i>Zizia aurea</i>	golden alexanders	1

Site: District 3

N# 62

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US-52 from Donovan to Iroquois (Beaverville Prairie)

County: Iroquois

GPS Data: Starting UTM 16T 0448180 - 4525553

GPS Data Ending UTM 16T 0450426 - 4520111

Quality Class: 1

Natural Community Type(s): Dry-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Festuca pratensis

Robinia pseudoacacia

Phragmites australis

Common Name

smooth brome grass

meadow fescue

black locust

common red reed

Prairie Width: 25 m

Signs or Evidence of Management: Yes

Heritage Landmark

Dist. from Pavement: 3 m

Railroad Activity: Active

Prairie Length: 3.65 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: This remnant has a high density of conservative forbs.

Comments: Gravel is exposed at several sites.

Plant List for Site N#62

Scientific Name

Amorpha canescens

Andropogon gerardii

Anemone cylindrica

Asparagus officinalis

Aster ericoides

Aster laevis

Aster novae-angliae

Aster pilosus

Baptisia lactea

Bromus inermis

Cirsium discolor

Comandra umbellata

Coreopsis tripteris

Dalea candida

Dalea purpurea

Daucus carota

Desmanthus illinoensis

Elymus canadensis

Eupatorium altissimum

Euphorbia corollata

Festuca pratensis

Fragaria virginiana

Lespedeza capitata

Liatris aspera

Lithospermum canescens

Common Name

lead plant

big bluestem

candle anemone

garden asparagus

heath aster

smooth aster

New England aster

hairy aster

white wild indigo

smooth brome grass

field thistle

bastard toadflax

tall coreopsis

white prairie clover

purple prairie clover

Queen-Anne's-lace

Illinois bundleflower

Canada wild rye

tall boneset

flowering spurge

meadow fescue

wild strawberry

bush clover

rough blazing star

hoary puccoon

RAV

3

5

2

1

4

2

1

2

2

3

1

3

3

4

3

1

2

2

2

2

3

2

4

4

3

<i>Oenothera biennis</i>	evening primrose	2
<i>Panicum oligosanthos</i> var. <i>scribnerianum</i>	panic grass	1
<i>Panicum virgatum</i>	prairie switch grass	4
<i>Parthenium integrifolium</i>	American feverfew	3
<i>Phragmites australis</i>	common red reed	3
<i>Physostegia virginiana</i>	false dragonhead	2
<i>Ratibida pinnata</i>	drooping coneflower	4
<i>Robinia pseudoacacia</i>	black locust	3
Plant List for Site N#62		
Scientific Name	Common Name	RAV
<i>Rosa carolina</i>	pasture rose	3
<i>Silphium integrifolium</i>	rosinweed	2
<i>Silphium laciniatum</i>	compass plant	4
<i>Silphium terebinthinaceum</i>	prairie dock	4
<i>Solidago canadensis</i>	Canada goldenrod	3
<i>Solidago missouriensis</i>	Missouri goldenrod	1
<i>Solidago rigida</i>	rigid goldenrod	4
<i>Spartina pectinata</i>	prairie cord grass	4
<i>Sporobolus asper</i>	drop seed	3
<i>Sporobolus heterolepis</i>	northern drop seed	3
<i>Veronicastrum virginicum</i>	Culver's root	4

Site: District 3

N# 63

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US-52 from Iroquois to Sheldon (Beaverville prairie)

County: Iroquois

GPS Data: Starting UTM 16T 0451039 - 4518843

GPS Data Ending UTM 16T 0452172 - 4514745

Quality Class: 1-2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Festuca pratensis

Robinia pseudoacacia

Phragmites australis

Common Name

smooth brome grass

meadow fescue

black locust

common red reed

Prairie Width: 25 m

Signs or Evidence of Management: Yes

Heritage Landmark

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 2.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: High density of conservative forbs.

Comments: The highest quality occurs 1.3 miles south of Iroquois and extends for 0.8 miles.

Plant List for Site N#63

Scientific Name

Andropogon gerardii

Aster ericoides

Aster laevis

Aster praealtus

Cirsium discolor

Comandra umbellata

Coreopsis tripteris

Cornus racemosa

Corylus americana

Dalea purpurea

Elymus canadensis

Eryngium yuccifolium

Eupatorium altissimum

Euphorbia corollata

Euthamia graminifolia

Helianthus grosseserratus

Helianthus rigidus

Lespedeza capitata

Liatris aspera

Liatris pycnostachya

Parthenium integrifolium

Phlox pilosa

Prenanthes aspera

Ratibida pinnata

Rudbeckia hirta

Common Name

big bluestem

heath aster

smooth aster

willow-leaved aster

field thistle

bastard toadflax

tall coreopsis

gray dogwood

hazelnut

purple prairie clover

Canada wild rye

rattlesnake master

tall boneset

flowering spurge

grassleaf goldenrod

tall sunflower

prairie sunflower

bush clover

rough blazing star

gayfeather

American feverfew

downy phlox

rough white lettuce

drooping coneflower

black-eyed susan

RAV

5

4

4

3

2

3

2

2

1

4

1

4

3

3

2

1

1

2

2

4

3

3

1

1

2

<i>Sassafras albidum</i>	red sassafras	2
<i>Schizachyrium scoparium</i>	little bluestem	4
<i>Silphium integrifolium</i>	rosinweed	1
<i>Silphium laciniatum</i>	compass plant	3
<i>Silphium terebinthinaceum</i>	prairie dock	1
<i>Solidago canadensis</i>	Canada goldenrod	4
<i>Solidago rigida</i>	rigid goldenrod	5
<i>Solidago speciosa</i>	showy goldenrod	1
Plant List for Site N#63		
Scientific Name	Common Name	RAV
<i>Sorghastrum nutans</i>	Indian grass	4
<i>Sporobolus asper</i>	drop seed	2
<i>Sporobolus heterolepis</i>	northern drop seed	3
<i>Ulmus americana</i>	American elm	1

Site: District 3

N# 64

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US-24 4.9 miles Sheldon to US 1 at Watseka

County: Iroquois

GPS Data: Starting UTM 16T 0444954 - 4513889

GPS Data Ending UTM 16T 0452172 - 4514745

Quality Class: 1-3

Natural Community Type(s): Mesic & wet-mesic sand prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Phalaris arundinacea

Phragmites australis

Common Name

smooth brome grass

reed canary grass

common red reed

Prairie Width: 25 m

Signs or Evidence of Management: Yes

Part of the prairie is fenced near Watseka

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 3 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: There is several conservative species in this remnant.

Comments: Many plants on list are from Taft (1988). Most of the prairie habitat still exists in this remnant so I believe the species that were not located due to time constraints still exist in the remnant. *Phragmites australis* (common red reed) appears to be expanding into the remnant.

Plant List for Site N#64

Scientific Name

Common Name

RAV

Aletris farinosa

colic root

1

Amorpha canescens

lead plant

1

Andropogon gerardii

big bluestem

3

Anemone canadensis

meadow anemone

3

Anemone cylindrica

candle anemone

2

Anemone virginiana

tall anemone

2

Asclepias amplexicaulis

sand milkweed

2

Asclepias hirtella

tall green milkweed

3

Asclepias sullivantii

prairie milkweed

2

Asclepias syriaca

common milkweed

2

Asclepias tuberosa

butterflyweed

2

Asclepias verticillata

whorled milkweed

2

Asclepias viridiflora

green milkweed

2

Aster ericoides

heath aster

1

Aster laevis

smooth aster

3

Aster novae-angliae

New England aster

2

Aster pilosus

hairy aster

2

Aster praealtus

willow-leaved aster

3

Astragalus canadensis

Canada milk vetch

2

Bidens frondosa

common beggars-ticks

3

Boltonia asteroides

false aster

2

Bromus inermis

smooth brome grass

3

Carex abdita

sedge

1

Carex annectens

sedge

2

<i>Carex bicknellii</i>	sedge	2
<i>Carex brevior</i>	sedge	2
<i>Carex haydenii</i>	sedge	2
<i>Carex lanuginosa</i>	sedge	3
<i>Carex meadii</i>	sedge	3
<i>Carex scoparia</i>	sedge	2
<i>Ceanothus americanus</i>	New Jersey tea	2

Plant List for Site N#64

Scientific Name	Common Name	RAV
<i>Cirsium discolor</i>	field thistle	2
<i>Comandra umbellata</i>	bastard toadflax	2
<i>Coreopsis palmata</i>	prairie coreopsis	3
<i>Coreopsis tripteris</i>	tall coreopsis	2
<i>Cornus racemosa</i>	gray dogwood	4
<i>Dalea candida</i>	white prairie clover	2
<i>Dalea purpurea</i>	purple prairie clover	2
<i>Desmodium canadense</i>	showy tick trefoil	3
<i>Desmodium illioniense</i>	Illinois tick trefoil	2
<i>Dodecatheon meadia</i>	shooting star	2
<i>Elymus canadensis</i>	Canada wild rye	1
<i>Eryngium yuccifolium</i>	rattlesnake master	4
<i>Eupatorium altissimum</i>	tall boneset	1
<i>Euphorbia corollata</i>	flowering spurge	1
<i>Euthamia graminifolia</i>	grassleaf goldenrod	3
<i>Fragaria virginiana</i>	wild strawberry	2
<i>Gentiana saponaria</i>	soapwort gentian	1
<i>Helianthus divaricatus</i>	woodland sunflower	2
<i>Helianthus grosseserratus</i>	tall sunflower	3
<i>Helianthus mollis</i>	hairy sunflower	2
<i>Heuchera richardsonii</i>	prairie alumroot	2
<i>Hypericum sphaerocarpum</i>	round-fruited St. Johns-wort	2
<i>Iris shrevei</i>	southern blue flag	2
<i>Krigia biflora</i>	false dandelion	2
<i>Lespedeza capitata</i>	bush clover	1
<i>Liatris pycnostachya</i>	gayfeather	3
<i>Liatris spicata</i>	blazing star	2
<i>Lilium michiganense</i>	Michigan lily	2
<i>Lysimachia lanceolata</i>	lance-leaved loosestrife	2
<i>Lysimachia quadrifolia</i>	whorled loosestrife	2
<i>Lythrum alatum</i>	winged loosestrife	2
<i>Monarda fistulosa</i>	wild bergamot	1
<i>Oxypolis rigidior</i>	cowbane	1
<i>Panicum oligosanthes</i> var. <i>scribnerianum</i>	panic grass	1
<i>Phalaris arundinacea</i>	reed canary grass	3
<i>Phlox glaberrima</i>	smooth phlox	2
<i>Phlox pilosa</i>	downy phlox	2
<i>Phragmites australis</i>	common red reed	3
<i>Platanthera lacera</i>	green fringed orchid	1
<i>Polygala incarnata</i> (State endangered)	pink milkwort	1
<i>Potentilla simplex</i>	common cinquefoil	2
<i>Prenanthes aspera</i>	rough white lettuce	2
<i>Prenanthes racemosa</i>	glaucous white lettuce	2
<i>Ratibida pinnata</i>	drooping coneflower	4
<i>Rudbeckia subtomentosa</i>	fragrant coneflower	2
<i>Ruellia humilis</i>	hairy ruellia	3

<i>Salix exigua</i>	sandbar willow	2
<i>Salix humilis</i>	prairie willow	2
<i>Scleria triglomerata</i>	nut sedge	1
<i>Silene stellata</i>	starry campion	2
<i>Silphium laciniatum</i>	compass plant	1
<i>Silphium terebinthinaceum</i>	prairie dock	1
<i>Solidago canadensis</i>	Canada goldenrod	2
<i>Solidago nemoralis</i>	dyersweed goldenrod	2
<i>Solidago riddellii</i>	Riddell's goldenrod	2
<i>Solidago rigida</i>	rigid goldenrod	1
<i>Solidago speciosa</i>	showy goldenrod	3
<i>Sorghastrum nutans</i>	Indian grass	1
<i>Spartina pectinata</i>	prairie cord grass	3
<i>Spiranthes cernua</i>	nodding ladies' tresses orchid	2
<i>Stipa spartea</i>	needle grass	2
Plant List for Site N#64		
Scientific Name	Common Name	RAV
<i>Thaspium barbinode</i>	meadow parsnip	2
<i>Tradescantia ohiensis</i>	Ohio spiderwort	3
<i>Tridens flavus</i>	false red top	2
<i>Viola pedatifida</i>	prairie violet	2
<i>Viola sagittata</i>	arrow leaved violet	2
<i>Zizia aurea</i>	golden alexanders	3

Site: District 3

N# 65

Date: 10/8/02

Evaluator(s): William C. Handel

Location: US-24 from Watseka to Crescent City

County: Iroquois

GPS Data: Starting UTM 16T 0434881 - 4513720

GPS Data Ending UTM 16T 0428744 - 4513629

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Festuca pratensis

Pastinaca sativa

Phalaris arundinacea

Common Name

smooth brome grass

meadow fescue

wild parsnip

reed canary grass

Prairie Width: 40-80 m

Signs or Evidence of Management: Yes

No mowing signs

Dist. from Pavement: 7 m

Railroad Activity: Active

Prairie Length: 3.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: This site and sites 66 and 67 were inventoried by John Taft in 1993.

They still appear to be relatively the same quality. See Taft (1993) for more detailed information.

Plant List for Site N#65

Scientific Name

Common Name

RAV

Andropogon gerardii

big bluestem

3

Asclepias syriaca

common milkweed

1

Aster laevis

smooth aster

1

Aster novae-angliae

New England aster

1

Aster pilosus

hairy aster

2

Bromus inermis

smooth brome grass

3

Cassia fasciculata

partridge pea

1

Cirsium discolor

field thistle

2

Coreopsis tripteris

tall coreopsis

2

Eryngium yuccifolium

rattlesnake master

3

Euthamia graminifolia

grassleaf goldenrod

1

Festuca pratensis

meadow fescue

3

Helianthus grosseserratus

tall sunflower

4

Helianthus mollis

hairy sunflower

1

Helianthus rigidus

prairie sunflower

2

Liatris pycnostachya

gayfeather

2

Monarda fistulosa

wild bergamot

1

Muhlenbergia mexicana

leafy satin grass

2

Panicum virgatum

prairie switch grass

3

Pastinaca sativa

wild parsnip

3

Phalaris arundinacea

reed canary grass

3

Pycnanthemum tenuifolium

slender mountain mint

1

Pycnanthemum virginianum

mountain mint

1

Rosa carolina

pasture rose

1

Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Solidago canadensis
Solidago rigida
Sorghastrum nutans
Spartina pectinata

Plant List for Site N#65

Scientific Name

Tridens flavus
Veronicastrum virginicum

rosinweed 2
compass plant 2
prairie dock 2
Canada goldenrod 5
rigid goldenrod 4
Indian grass 1
prairie cord grass 3

Common Name

false red top 1
Culver's root 1

RAV

Site: District 3

N# 66

Date: 10/9/02

Evaluator(s): William C. Handel

Location: US-24 Crescent City to Spring Creek

County: Iroquois

GPS Data: Starting UTM 16T 0427059 - 4513594

GPS Data Ending UTM 16T 0424082 - 4513513

Quality Class: 3

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Phalaris arundinacea

Phragmites australis

Common Name

smooth brome grass

reed canary grass

common red reed

Prairie Width: 25 m

Signs or Evidence of Management: Yes

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 1.8 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#66

Scientific Name

Ambrosia trifida

Andropogon gerardii

Aster ericoides

Aster laevis

Aster novae-angliae

Aster pilosus

Bromus inermis

Elymus canadensis

Festuca pratensis

Fraxinus americana

Lactuca canadensis

Phalaris arundinacea

Rhus glabra

Salix exigua

Silphium integrifolium

Silphium terebinthinaceum

Solidago canadensis

Solidago rigida

Spartina pectinata

Sporobolus asper

Veronicastrum virginicum

Common Name

giant ragweed

big bluestem

heath aster

smooth aster

New England aster

hairy aster

smooth brome grass

Canada wild rye

meadow fescue

white ash

Canada lettuce

reed canary grass

smooth sumac

sandbar willow

rosinweed

prairie dock

Canada goldenrod

rigid goldenrod

prairie cord grass

drop seed

Culver's root

RAV

1

3

1

1

1

1

3

2

3

1

1

2

1

1

2

3

4

3

3

4

1

Site: District 3

N# 67

Date: 10/9/02

Evaluator(s): William C. Handel

Location: US-24 Spring Creek to 900 E Road

County: Iroquois

GPS Data: Starting UTM 16T 0423608 - 4513500

GPS Data Ending UTM 16T 0419084 - 4513394

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Bromus inermis

Coronilla varia

Festuca pratensis

Ulmus pumila

Common Name

smooth brome grass

crown vetch

meadow fescue

Siberian elm

Prairie Width: 35 m

Signs or Evidence of Management: No

Dist. from Pavement: 5 m

Railroad Activity: Active

Prairie Length: 2.6 miles

Prairie present on opposite side of track: Yes

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#67

Scientific Name

Andropogon gerardii

Aster ericoides

Aster laevis

Aster novae-angliae

Bromus inermis

Cirsium discolor

Coronilla varia

Elymus virginicus

Equisetum laevigatum

Eupatorium altissimum

Euthamia graminifolia

Festuca pratensis

Physostegia virginiana

Ratibida pinnata

Rhus glabra

Rosa carolina

Salix exigua

Silphium integrifolium

Silphium laciniatum

Silphium terebinthinaceum

Solidago canadensis

Sporobolus asper

Ulmus pumila

Common Name

big bluestem

heath aster

smooth aster

New England aster

smooth brome grass

field thistle

crown vetch

wild rye

smooth scouring rush

tall boneset

grassleaf goldenrod

meadow fescue

false dragonhead

drooping coneflower

smooth sumac

pasture rose

sandbar willow

rosinweed

compass plant

prairie dock

Canada goldenrod

drop seed

Siberian elm

RAV

2

4

3

3

3

2

3

1

2

5

2

3

2

1

2

2

2

2

5

5

5

4

3

Site: District 3

N# 68

Date: 8/21/02

Evaluator(s): William C. Handel

Location: 2080 E Woodland Road

County: Iroquois

GPS Data: Starting UTM 16T 0438238 - 4505162

Quality Class: 2

Natural Community Type(s): Dry-mesic prairie

(Quality Classes: 1=Grades A or B, 2 = C, 3=D)

Threats: exotics, mowing

Scientific Name

Common Name

Bromus inermis

smooth brome grass

Festuca pratensis

meadow fescue

Prairie Width: 30 m

Signs or Evidence of Management: No

Dist. from Pavement: 2 m

Railroad Activity: Active

Prairie Length: 0.8 miles

Prairie present on opposite side of track: No

Significant or Exceptional Features: None

Comments: None

Plant List for Site N#68

Scientific Name

Common Name

RAV

Ambrosia artemisiifolia

ragweed

2

Ambrosia trifida

giant ragweed

2

Andropogon gerardii

big bluestem

5

Asclepias syriaca

common milkweed

1

Bromus inermis

smooth brome grass

3

Cirsium discolor

field thistle

2

Coreopsis tripteris

tall coreopsis

3

Eryngium yuccifolium

rattlesnake master

2

Euphorbia corollata

flowering spurge

2

Festuca pratensis

meadow fescue

3

Gaura biennis

gaura

3

Helianthus grosseserratus

tall sunflower

4

Hypericum perforatum

St. John's-wort

2

Lactuca canadensis

Canada lettuce

2

Monarda fistulosa

wild bergamot

3

Oenothera biennis

evening primrose

3

Panicum virgatum

prairie switch grass

3

Pycnanthemum virginianum

mountain mint

2

Rubus allegheniensis

common blackberry

2

Rubus occidentalis

black raspberry

2

Rudbeckia hirta

black-eyed susan

3

Salix exigua

sandbar willow

2

Sambucus canadensis

elderberry

2

Silphium integrifolium

rosinweed

1

Silphium laciniatum

compass plant

5

Silphium perfoliatum

cup plant

3

Silphium terebinthinaceum

prairie dock

2

Solidago canadensis

Canada goldenrod

2

Sorghastrum nutans

Indian grass

2

<i>Thalictrum dasycarpum</i>	purple meadow rue	4
<i>Tradescantia ohiensis</i>	Ohio spiderwort	3
<i>Tridens flavus</i>	false red top	2
<i>Veronicastrum virginicum</i>	Culver's root	3
<i>Vitis riparia</i>	river grape	2

1. McLean County

IL -54 between Farmer City and Bellflower

This remnant appears to have potential if mowing is stopped. There were some conservative species in the band of uncut vegetation near the tracks.

2. Ford County

Northeast of Gibson City

Some prairie vegetation was mowed next to the road. The majority of the remnant was over the steep embankment.

3. Livingston County

Near the town of Forest

This area was low quality.

4. La Salle County

This remnant is on a small county road west of Kangley.

This appears to have some quality prairie remaining.

5. La Salle County

This remnant is north of Tonica.

This area has some forbs in the spring but was mowed by the fall survey.

6. La Salle County

This remnant is west of Sheridan

This area has some forbs but was mowed just before the fall survey.