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Site 1146: Scuppernong Oak Opening, Waukesha County, Township 5N, Range 17E, Section 9. 1951-06-02

[s.l.]: [s.n.], 1951-06-02

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STAND RECORD

FORESTS

Stand No. 1146

Name: *Scuppernon oak opening* Locality:County: *Waukesha*T: *5N*R: *17E*Sec: *9**NE 1/4 of NE 1/4*Date: *June 2 1951*Observers: *Anthony G. Guss, et al*Size of Stand: *4 Acres*Size of Area Sampled: *4 acres*Forest Type: *oak opening*

Soil Type:

Topography: *level*

Slope:

Directions

Condition of Stand:

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

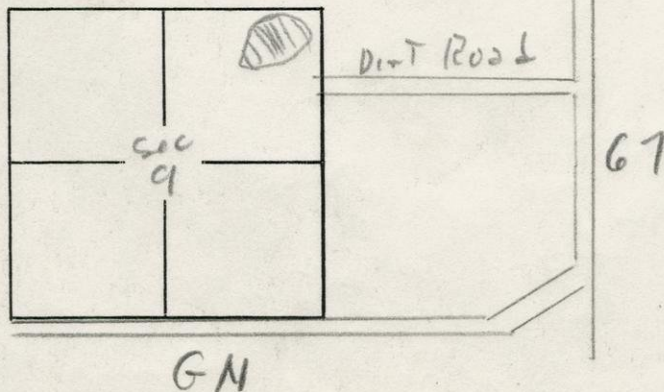
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell	230	15	145	170	490	200	75	170	75	2
	2	95	2180	12	3140	3	100	4	65	240
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Q. macrocarp	60							85		
P. sp.										
Q. alba						45				
Distance	21.4	72.5	40.5	26.5	22.5	54.5	83	14.5	28.5	22.5

seed
sap

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem			3							
Prunus pen.										
Quercus ell	160 130	90	190 55	95						
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Q. mac	4	3	1	80	4					
Carya ovata		80	1							
Distance	29	30	16.5	49						

3

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell		65 135	200 145	860	860	95	95	150	110	170
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Q. macrocarpa	100 155 (16)			110	50	45	35	30	155	28
Distance	16	31.5	65	114	262	23	22.5	28	36.5	34.5

ESAP

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carya ovata Carpinus car										
Fagus gran										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell	70 155	190	30	45 70	70 260	130	20 140 200			
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Q. macroc.		20	140			4 105	2 3			
	17.5	19	28.5	27.5	28	16	33			
Distance										

esap

PRAIRIE SURVEY

TYPE: ■
□

[illegible]

[illegible]

4.

1

[illegible]

[illegible]

Presence

Baptisia leucophaea

Coarctata palm

Smilacina rac.

Communia rub.
Communia umbel,
L. rugosa ochrole

Carya -

Polygonum canadense

Cary. ovata

Antennaria sps

Anemone frut.

Tenella integ.

Silene stellata

Polygonum

Composita amon.

Apocynum androsaem.

Lathyrus pratensis

Penstemon alba

Cerastium maculatum

Rosa sp.

Smilacina stellata

Anemone frut.

Aster ager

Wolffia hillebr.

Smilax esculenta

Tradescantia virginica

Smilax herbacea

Rhus radicans

Monarda fistulosa

Equisetum laevigatum

Coarctata palmata

Aster laevis

Potentilla simplex

P. arguta

Lactuca

Dodocanema

Lithospermum canescens

Helianthus multif.

Liatris scarp.

Hypoxis hirsuta

Luzula multifl.

Hebeclera richardsonii

Salix sp.

Poa trivialis

Hypoxis

Polygonum

Lycopodium capit.

Syringia

Phlox pilosa

~~Asclepias~~

Solidago speciosa

Euphorbia umb.

Sylvestris Ter.

Saxifraga pum.

Oxypetalum

Trichostema

Vicia carolina

Veronicastrum

Rhus glabra

Lilium mich.

Ratibida pinn.

Pedicularis canad.

Bizia aurea

Aster novae-angliae

32 103 274

Eriogonum puberulum

Vitis - v. californica

Sambucus racemosa

Lonicera californica

~~*Eriogonum*~~

Eriogonum

Arctostaphylos

Cornus foeniculacea

Junonia intermedia

Prairie Relic Study. III.

Quadrat 1.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxypolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
Anemone quinquefolia	Lithospermum angust.	Zizia aurea		
	Poa pratensis	Lathyrus crotocarys		
		Taenidia integ.		
		Prenanthes alba		
.....				
<u>Additional Species</u>				

Prairie Relic Study. III.

Quadrat
II

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	✓ Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	✓ Galium boreale	Physalis virginiana		
Andropogon scoparius	Centiana andrewsii	✓ Potentilla arguta ^{simplex}		
Anemone cylindrica	Centiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	✓ Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida.		
Ceanothus americanus	Liatris cylindracea	✓ Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
✓ Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxybolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		

Anemone quinquefolia

Helianthus stuebelii

Quercus ellipsoidalis

Additional Species

Ros. pratinensis

Paenanthus racemosus
Viola sagittata

Vicia or Lathyrus?

Prairie Relic Study. III.

Quadrat III

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	✓ Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	✓ Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terebinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaea	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	✓ Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
✓ Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxybolis rigidior	✓ Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
✓ Eremophila quinquefolia	✓ Helianthus divaricatus	Zizia aurea		
	Euphorbia corollata	Viola sagittata		
.....				

Additional Species

Eryngium yuccif.
Poa pratensis

Prairie Relic Study. III.

Quadrat 4

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
✓ <i>Achillea millefolium</i>		<i>Eryngium yuccif.</i>		<i>Petalostemum pur.</i>
<i>Ambrosia artemisiif.</i>		<i>Euphorbia corollata</i>		✓ <i>Phlox pilosa</i>
<i>Amorpha canescens</i>		✓ <i>Fragaria virginiana</i>		<i>Physalis heteroph.</i>
<i>Andropogon furcatus</i>		✓ <i>Galium boreale</i>		<i>Physalis virginiana</i>
<i>Andropogon scoparius</i>		<i>Gentiana andrewsii</i>		<i>Potentilla arguta</i>
<i>Anemone cylindrica</i>		<i>Gentiana puberula</i>		<i>Potentilla canad.</i>
<i>Antennaria sp.</i>		<i>Geranium maculatum</i>		<i>Pycnanthemum virg.</i>
<i>Apocynum androsaemif.</i>		<i>Geum triflorum</i>		<i>Quercus macrocarpa</i>
<i>Apocynum cannabinum</i>		<i>Helianthemum sp.</i>		✓ <i>Ratibida pinnata</i>
<i>Artemisia caudata</i>		<i>Helianthus grosse.</i>		<i>Rhus glabra</i>
<i>Asclepias syriaca</i>		<i>Helianthus occid.</i>		<i>Rosa sp.</i>
<i>Asclepias verticill.</i>		<i>Helianthus rigidus</i>		<i>Rudbeckia hirta</i>
<i>Aster azureus</i>		<i>Heuchera richard.</i>		<i>Silphium integrif.</i>
<i>Aster ericoides</i>		✓ <i>Hypoxis hirsuta</i>		<i>Silphium laciniat.</i>
<i>Aster laevis</i>		<i>Koeleria cristata</i>		✓ <i>Silphium terobinth.</i>
<i>Aster novae-angliae</i>		<i>Kunnia eupatorioid.</i>		<i>Sisyrinchium sp.</i>
<i>Aster sericeus</i>		<i>Lactuca canadensis</i>		<i>Smilacina stellata</i>
<i>Baptisia leucantha</i>		<i>Lactuca ludoviciana</i>		<i>Solidago graminifolia</i>
<i>Baptisia leucophaca</i>		<i>Lathyrus venosus</i>		<i>Solidago missouriensis</i>
<i>Bouteloua curtipend.</i>		<i>Lespedeza capitata</i>		<i>Solidago nemoralis</i>
✓ <i>Calamagrostis canad.</i>		<i>Liatris aspera</i>		<i>Solidago rigida</i>
<i>Ceanothus americanus</i>		<i>Liatris cylindracea</i>		<i>Solidago speciosa</i>
<i>Cirsium discolor</i>		<i>Liatris pycnostachya</i>		<i>Sorghastrum nutans</i>
✓ <i>Comandra umbellata</i>		<i>Lithospermum angust.</i>		<i>Spartina pectinata</i>
<i>Convolvulus sepium</i>		<i>Lithospermum canes.</i>		<i>Spiraea alba</i>
<i>Coreopsis palmata</i>		<i>Lobelia spicata</i>		<i>Sporobolus heterolepis</i>
<i>Corylus americana</i>		<i>Monarda fistulosa</i>		<i>Stipa spartea</i>
<i>Desmodium canadense</i>		<i>Oenothera biennis</i>		✓ <i>Thalictrum dasycarpum</i>
<i>Desmodium illinoense</i>		<i>Oxybolis rigidior</i>		✓ <i>Tradescantia ohioensis</i>
<i>Dodecatheon meadia</i>		<i>Panicum leibergii</i>		<i>Veronicastrum virgin.</i>
<i>Elymus canadensis</i>		<i>Panicum scribner.</i>		<i>Viola pedata</i>
<i>Equisetum laevigatum</i>		<i>Panicum virgatum</i>		<i>Viola petatifida</i>
<i>Erigeron ramosus</i>		<i>Petalostemum can.</i>		<i>Vitis vulpina</i>
		<i>Euphorbia corollata</i>		<i>Zizia aurea</i>

Additional Species

Solidago gigantea
Poa pratensis

Prairie Relic Study. III.

Quadrat 5.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
✓ <i>Achillea millefolium</i>		<i>Eryngium yuccif.</i>		<i>Petalostemum pur.</i>
<i>Ambrosia artemisiif.</i>		<i>Euphorbia corollata</i>		<i>Phlox pilosa</i>
<i>Amorpha canescens</i>		<i>Fragaria virginiana</i>		<i>Physalis heteroph.</i>
<i>Andropogon furcatus</i>		<i>Galium boreale</i>		<i>Physalis virginiana</i>
<i>Andropogon scoparius</i>		<i>Gentiana andrewsii</i>		<i>Potentilla arguta</i>
<i>Anemone cylindrica</i>		<i>Gentiana puberula</i>		<i>Potentilla canad.</i>
<i>Antennaria sp.</i>		<i>Geranium maculatum</i>		<i>Pycnanthemum virg.</i>
✓ <i>Apocynum androsaenif.</i>		<i>Geum triflorum</i>		✓ <i>Quercus macrocarpa</i>
<i>Apocynum cannabinum</i>		<i>Helianthemum sp.</i>		<i>Ratibida pinnata</i>
<i>Artemisia caudata</i>		<i>Helianthus grosse.</i>		<i>Rhus glabra</i>
<i>Asclepias syriaca</i>		<i>Helianthus occid.</i>		<i>Rosa sp.</i>
<i>Asclepias verticill.</i>		<i>Helianthus rigidus</i>		<i>Rudbeckia hirta</i>
✓ <i>Aster azureus</i>		<i>Heuchera richard.</i>		<i>Silphium integrif.</i>
<i>Aster ericoides</i>		<i>Hypoxis hirsuta</i>		<i>Silphium laciniat.</i>
<i>Aster laevis</i>		<i>Koeleria cristata</i>		<i>Silphium terobinth.</i>
<i>Aster novae-angliae</i>		<i>Kuhnia eupatorioid.</i>		<i>Sisyrinchium sp.</i>
<i>Aster sericeus</i>		✓ <i>Lactuca canadensis</i>		<i>Smilacina stellata</i>
<i>Baptisia leucantha</i>		<i>Lactuca ludoviciana</i>		<i>Solidago graminifolia</i>
✓ <i>Baptisia leucophaca</i>		<i>Lathyrus venosus</i>		<i>Solidago missouriensis</i>
<i>Bouteloua curtipend.</i>		<i>Lespedeza capitata</i>		<i>Solidago nemoralis</i>
<i>Calamagrostis canad.</i>		✓ <i>Liatris aspera</i>		<i>Solidago rigida</i>
<i>Ceanothus americanus</i>		<i>Liatris cylindracea</i>		<i>Solidago speciosa</i>
<i>Cirsium discolor</i>		<i>Liatris pycnostachya</i>		<i>Sorghastrum nutans</i>
✓ <i>Comandra umbellata</i>		<i>Lithospermum angust.</i>		<i>Spartina pectinata</i>
<i>Convolvulus sepium</i>		<i>Lithospermum canes.</i>		<i>Spiraea alba</i>
<i>Coreopsis palmata</i>		<i>Lobelia spicata</i>		<i>Sporobolus heterolepis</i>
<i>Corylus americana</i>		<i>Monarda fistulosa</i>		<i>Stipa spartea</i>
<i>Desmodium canadense</i>		<i>Oenothera biennis</i>		<i>Thalictrum dasycarpum</i>
<i>Desmodium illinoense</i>		<i>Oxybolis rigidior</i>		<i>Tradescantia ohioensis</i>
<i>Dodecatheon meadia</i>		<i>Panicum leibergii</i>		<i>Veronicastrum virgin.</i>
<i>Elymus canadensis</i>		<i>Panicum scribner.</i>		<i>Viola pedata</i>
<i>Equisetum laevigatum</i>		<i>Panicum virgatum</i>		<i>Viola petatifida</i>
<i>Erigeron ramosus</i>		<i>Petalostemum can.</i>		<i>Vitis vulpina</i>
✓ <i>Carex pennsylvanica</i>		<i>hupula</i>		<i>Zizia aurea</i>
		<i>Poa pratensis</i>		
.....				

Additional Species

Prairie Relic Study. III.

Quadrat 6

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	✓ Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	✓ Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaenif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
✓ Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	✓ Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	✓ Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
✓ Corylus americana	✓ Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxybolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatitifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
Anemone pennsylvanica	✓ Delianthus	Zizia aurea		
Coreq sp. (pennsylvanica)	✓ Lathyrus sceleratus			
.....				

Additional Species

Prairie Relic Study. III.

Quadrat 7

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	✓ Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	✓ Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaenif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kunzia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	✓ Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
✓ Corylus americana	✓ Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxybolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
Carex pennsylvanica	Helianthus sturmois	Zizia aurea		
Euphorb. cor.	Rosa pratinensis	Smilacina rose		
.....				

Additional Species

Viola cucullata
Lathyrus palustris

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>	<u>Quadrat</u>
<u>Date</u>	<u>Observer</u>				8
<u>Habitat Description</u>					

Achillea millefolium Ambrosia artemisiif. ✓ Amorpha canescens Andropogon furcatus Andropogon scoparius Anemone cylindrica Antennaria sp. Apocynum androsaenif. Apocynum cannabinum Artemisia caudata Asclepias syriaca Asclepias verticill. Aster azureus Aster ericoides Aster laevis Aster novae-angliae Aster sericeus Baptisia leucantha Baptisia leucophaca Bouteloua curtipend. Calamagrostis canad. Ceanothus americanus Cirsium discolor Comandra umbellata Convolvulus sepium Coreopsis palmata ✓ Corylus americana Desmodium canadense Desmodium illinoense Dodecatheon meadia Elymus canadensis ✓ Equisetum laevigatum Erigeron ramosus	Eryngium yuccif. ✓ Euphorbia corollata Fragaria virginiana ✓ Galium boreale Gentiana andrewsii Gentiana puberula ✓ Geranium maculatum Geum triflorum Helianthemum sp. Helianthus grosse. Helianthus occid. Helianthus rigidus Heuchera richard. Hypoxis hirsuta Koeleria cristata Kunzia eupatorioid. Lactuca canadensis Lactuca ludoviciana Lathyrus venosus Lespedeza capitata Liatris aspera Liatris cylindracea Liatris pycnostachya Lithospermum angust. Lithospermum canes. Lobelia spicata Monarda fistulosa Oenothera biennis Oxypolis rigidior Panicum leibergii Panicum scribner. Panicum virgatum Petalostemum can.	Petalostemum pur. Phlox pilosa Physalis heteroph. Physalis virginiana Potentilla arguta Potentilla canad. Pycnanthemum virg. Quercus macrocarpa Ratibida pinnata Rhus glabra Rosa sp. Rudbeckia hirta Silphium integrif. Silphium laciniat. Silphium terobinth. Sisyrinchium sp. Smilacina stellata Solidago graminifolia Solidago missouriensis Solidago nemoralis Solidago rigida Solidago speciosa Sorghastrum nutans Spartina pectinata Spiraea alba Sporobolus heterolepis Stipa spartea Thalictrum dasycarpum Tradescantia ohioensis Veronicastrum virgin. Viola pedata Viola petatitida Vitis vulpina Zizia aurea
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~~Ranunculus abortivus~~

Lathyrus occ.

Additional Species

Polygonatum pubescens -

Vicia sp.

Quercus ellip.
 Prunus serotina
 Smilax herbacea
 Carex pennsylvanica
 Poa pratensis

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>	<u>Quadrat</u>
<u>Date</u>	<u>Observer</u>				
<u>Habitat</u>	<u>Description</u>				
.....					
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.			
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa			
Amorpha canescens	Fragaria virginiana	Physalis heteroph.			
Andropogon furcatus	Galium boreale	Physalis virginiana			
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta			
Anemone cylindrica	Gentiana puberula	Potentilla canad.			
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.			
Apocynum androsaenif.	Geum triflorum	✓ Quercus macrocarpa			
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata			
Artemisia caudata	Helianthus grosse.	Rhus glabra			
Asclepias syriaca	Helianthus occid.	Rosa sp.			
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta			
✓ Aster azureus	Heuchera richard.	Silphium integrif.			
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.			
Aster laevis	Koeleria cristata	Silphium terobinth.			
Aster novae-angliae	Kunzia eupatorioid.	Sisyrinchium sp.			
Aster sericeus	Lactuca canadensis	Smilacina stellata			
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia			
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis			
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis			
Calamagrostis canad.	Liatris aspera	Solidago rigida			
Ceanothus americanus	Liatris cylindracea	✓ Solidago speciosa			
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans			
✓ Comandra umbellata	Lithospermum angust.	Spartina pectinata			
Convolvulus sepium	Lithospermum canes.	Spiraea alba			
✓ Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis			
Corylus americana	Monarda fistulosa	Stipa spartea			
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum			
Desmodium illinoense	Oxypolis rigidior	Tradescantia ohioensis			
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.			
Elymus canadensis	Panicum scribner.	Viola pedata			
Equisetum laevigatum	Panicum virgatum	Viola petatifida			
Erigeron ramosus	Petalostemum can.	Vitis vulpina			

Lupinus ~~jaen~~
Helianthus strumosus

Zizia aurea
O. ellip. viridula
Prenanthes alba
Poa *ps.*
Carex
Smilacina racemosa

Additional Species

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>	<u>Quadrat 10</u>
<u>Date</u>	<u>Observer</u>				
<u>Habitat Description</u>					

Achillea millefolium	Eryngium yuccif.	Petalostemum pur.
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa
Amorpha canescens	Fragaria virginiana	Physalis heteroph.
Andropogon furcatus	Galium boreale	Physalis virginiana
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta
Anemone cylindrica	Gentiana puberula	Potentilla canad.
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata
Artemisia caudata	Helianthus grosse.	Rhus glabra
Asclepias syriaca	Helianthus occident.	Rosa sp.
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta
Aster azureus	Heuchera richard.	Silphium integrif.
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.
Aster laevis	Koeleria cristata	Silphium terobinth.
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.
Aster sericeus	Lactuca canadensis	Smilacina stellata
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis
Calamagrostis canad.	Liatris aspera	Solidago rigida
Ceanothus americanus	Liatris cylindracea	Solidago speciosa
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans
Comandra umbellata	Lithospermum angust.	Spartina pectinata
Convolvulus sepium	Lithospermum canes.	Spiraea alba
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis
Corylus americana	Monarda fistulosa	Stipa spartea
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum
Desmodium illinoense	Oxybolis rigidior	Tradescantia ohioensis
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.
Elymus canadensis	Panicum scribner.	Viola pedata
Equisetum laevigatum	Panicum virgatum	Viola petatitifida
Erigeron ramosus	Petalostemum can.	Vitis vulpina
	Helianthus str.	Zizia aurea

Additional Species

Lathyrus occ.
 Lycopodium obs.
 Poa prat.
 Carex pens.
 Pennus skottina
 Quercus ellipsoidalis
 Anemone quinquefolia

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaenif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terobinth.
Aster novae-angliae		Kuhnia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaca		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum angust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea
.....				

Additional Species

Hel. stenosus
 Smil. racemosa
 Poa pratensis
 " Complanata
 Anemone virginiana
 Smilax latifolia
 Lathyrus ochroleucus

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaemif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terobinth.
Aster novae-angliae		Kuhnia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaea		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum angust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea

Additional Species

Podicalis Canad
Helianth. stratosus
Agropyrum subsecundum
Poa pratensis
Lamium. rebaudianum
Vicia. carolin.
Aster sagittatus (laevis?)
Viola cucullata
Aster sps - (collaris?)

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaemif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terebinth.
Aster novae-angliae		Kuhnia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaca		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum angust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea
.....				

Additional Species

Sarothra racemosa
Polygonum canad.
Salix sp.
Anem. quin.
Poa pratensis
Lupinus perenn.
Vicia am.

Helianthus - Stachys
Asclepias
Carex sp.
Solidago speciosa

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaea	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxypolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatitifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
		Zizia aurea		
.....				

Additional Species

Helianthus divar.

Salix sps

Vicia am.

Lathyrus

Lupinus perenn.

Pea plant.

Cacalia tuberosa

Holcus sp.

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaenif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rose sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaea	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxyopsis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatitifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
		Zizia aurea		

Additional Species

Helianthus stans

Agropyron sp

Poa prat.

Smilacina racemosa

Lupinus for.

Anemone fring.

Catalpa bignonioides

Solidago speciosa

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	* Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	* Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terebinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaea	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum an. ust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxypolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatitifida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
		Zizia aurea		
.....				

Additional Species

Anem. quinque
 Vicca am.
 LaDrymus - sp -
 Cacalia tub

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaenif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terobinth.
Aster novae-angliae		Kunzia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaca		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum angust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea
.....				

Additional Species

Salix sps
 Liparis paucifl.
 Cactalia T. b.
 Rosa praealt.

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium	Eryngium yuccif.	Petalostemum pur.		
Ambrosia artemisiif.	Euphorbia corollata	Phlox pilosa		
Amorpha canescens	Fragaria virginiana	Physalis heteroph.		
Andropogon furcatus	Galium boreale	Physalis virginiana		
Andropogon scoparius	Gentiana andrewsii	Potentilla arguta		
Anemone cylindrica	Gentiana puberula	Potentilla canad.		
Antennaria sp.	Geranium maculatum	Pycnanthemum virg.		
Apocynum androsaemif.	Geum triflorum	Quercus macrocarpa		
Apocynum cannabinum	Helianthemum sp.	Ratibida pinnata		
Artemisia caudata	Helianthus grosse.	Rhus glabra		
Asclepias syriaca	Helianthus occid.	Rosa sp.		
Asclepias verticill.	Helianthus rigidus	Rudbeckia hirta		
Aster azureus	Heuchera richard.	Silphium integrif.		
Aster ericoides	Hypoxis hirsuta	Silphium laciniat.		
Aster laevis	Koeleria cristata	Silphium terobinth.		
Aster novae-angliae	Kuhnia eupatorioid.	Sisyrinchium sp.		
Aster sericeus	Lactuca canadensis	Smilacina stellata		
Baptisia leucantha	Lactuca ludoviciana	Solidago graminifolia		
Baptisia leucophaca	Lathyrus venosus	Solidago missouriensis		
Bouteloua curtipend.	Lespedeza capitata	Solidago nemoralis		
Calamagrostis canad.	Liatris aspera	Solidago rigida		
Ceanothus americanus	Liatris cylindracea	Solidago speciosa		
Cirsium discolor	Liatris pycnostachya	Sorghastrum nutans		
Comandra umbellata	Lithospermum angust.	Spartina pectinata		
Convolvulus sepium	Lithospermum canes.	Spiraea alba		
Coreopsis palmata	Lobelia spicata	Sporobolus heterolepis		
Corylus americana	Monarda fistulosa	Stipa spartea		
Desmodium canadense	Oenothera biennis	Thalictrum dasycarpum		
Desmodium illinoense	Oxybolis rigidior	Tradescantia ohioensis		
Dodecatheon meadia	Panicum leibergii	Veronicastrum virgin.		
Elymus canadensis	Panicum scribner.	Viola pedata		
Equisetum laevigatum	Panicum virgatum	Viola petatitida		
Erigeron ramosus	Petalostemum can.	Vitis vulpina		
		Zizia aurea		

Additional Species

Helianth. sp.

Anem. quin.

Lysimach. quadr.

Anelis nudicaulis

Smilacina racemosa

Conus foenicul.

Agropyron sp?

Aster sagittifolius

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaenif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terobinth.
Aster novae-angliae		Kunzia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaca		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum an. ust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea

Additional Species

Smilac. racem. *Polygonatum canad.*
Anem. fr.
Poa prat.
Helianth. ann.

Prairie Relic Study. III.

<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>Place</u>
<u>Date</u>	<u>Observer</u>			
<u>Habitat</u>	<u>Description</u>			
.....				
Achillea millefolium		Eryngium yuccif.		Petalostemum pur.
Ambrosia artemisiif.		Euphorbia corollata		Phlox pilosa
Amorpha canescens		Fragaria virginiana		Physalis heteroph.
Andropogon furcatus		Galium boreale		Physalis virginiana
Andropogon scoparius		Gentiana andrewsii		Potentilla arguta
Anemone cylindrica		Gentiana puberula		Potentilla canad.
Antennaria sp.		Geranium maculatum		Pycnanthemum virg.
Apocynum androsaenif.		Geum triflorum		Quercus macrocarpa
Apocynum cannabinum		Helianthemum sp.		Ratibida pinnata
Artemisia caudata		Helianthus grosse.		Rhus glabra
Asclepias syriaca		Helianthus occid.		Rosa sp.
Asclepias verticill.		Helianthus rigidus		Rudbeckia hirta
Aster azureus		Heuchera richard.		Silphium integrif.
Aster ericoides		Hypoxis hirsuta		Silphium laciniat.
Aster laevis		Koeleria cristata		Silphium terobinth.
Aster novae-angliae		Kunnia eupatorioid.		Sisyrinchium sp.
Aster sericeus		Lactuca canadensis		Smilacina stellata
Baptisia leucantha		Lactuca ludoviciana		Solidago graminifolia
Baptisia leucophaea		Lathyrus venosus		Solidago missouriensis
Bouteloua curtipend.		Lespedeza capitata		Solidago nemoralis
Calamagrostis canad.		Liatris aspera		Solidago rigida
Ceanothus americanus		Liatris cylindracea		Solidago speciosa
Cirsium discolor		Liatris pycnostachya		Sorghastrum nutans
Comandra umbellata		Lithospermum angust.		Spartina pectinata
Convolvulus sepium		Lithospermum canes.		Spiraea alba
Coreopsis palmata		Lobelia spicata		Sporobolus heterolepis
Corylus americana		Monarda fistulosa		Stipa spartea
Desmodium canadense		Oenothera biennis		Thalictrum dasycarpum
Desmodium illinoense		Oxybolis rigidior		Tradescantia ohioensis
Dodecatheon meadia		Panicum leibergii		Veronicastrum virgin.
Elymus canadensis		Panicum scribner.		Viola pedata
Equisetum laevigatum		Panicum virgatum		Viola petatifida
Erigeron ramosus		Petalostemum can.		Vitis vulpina
				Zizia aurea

Additional Species

Helianthus stans
Poa prat.
Aquilegia sp.
Aster sagittifolius
Smilacina racemosa

Saguenay oak spring

I Hardwood Survey

Presence & Station Record

Stand No.:

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum			F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Distance:

Tree	BA	S	Tree	BA	S	Tree	BA	S
Actaea sp.			<u>Shrubs & Herbs</u>			Polygonatum commut.		
Adiantum pedat.			Eupatorium purpur.			Polygonatum pubesc.		
Agrimonia gryp.			Eupatorium rugosum			Polygonum virgin.		
Allium tricocc.			Festuca obtusa			Potentilla simpl.		
Amphicarpa brac.			Fragaria virgin.			Prenanthes alba		
Anemone quinque.			Galium aparine			Pteridium aquil.		
A. virginiana			G. circaeans			Pyrola elliptica		
Anemonella thal.			G. concinnum			Ranunculus abort.		
Antennaria sp.			G. lanceolatum			R. recurvatus		
Aplectrum hiem.			G. triflorum			R. septentrion.		
Apocynum andros.			Geranium macul.			Rhus radicans		
Aquilegia canad.			Geum canadense			Ribes americanum		
Aralia nudicaul.			Goodyera pubesc.			R. cynosbati		
A. racemosa			Habenaria bract.			R. missouriense		
Arenaria later.			Hamamelis virg.			Rosa sp.		
Arisaema atror.			Helianthus strum.			Rubus alleghen.		
Asarum canad.			Hepatica acutil.			R. occidentalis		
Aster macrophyll.			Heuchera richard.			R. strigosus		
A. sagittifolius			Hydrastis canad.			Sambucus canad.		
A. shortii			Hydrophyllum virg.			Sanguinaria can.		
Athyrium angust.			Hystrix patula			Sanicula gregaria		
Aureolaria grandif.			Impatiens biflora			S. marilandica		
Botrychium vir.			I. pallida			Smilacina racemosa		
Brachyelytrum			Isopyrum bitern.			S. stellata		
Campanula amer.			Lactuca spicata			Smilax ecirrhata		
Carex albursina			Laportea canad.			S. herbacea		
C. pennsylvan.			Lappula virgin.			S. hispida		
Caulophyllum thal.			Lathyrus ochrol.			Solidago altissima		
Celastrus scan.			Lonicera prolif.			S. latifolia		
Circaea latif.			Lysimachia quadr.			S. ulmifolia		
Claytonia virg.			Maianthemum can.			Thalictrum dioicum		
Cornus altern.			Menispermum can.			Trillium cernuum		
C. femina			Mitella diphylla			T. flexipes		
C. rugosa			Monarda fistulosa			T. grandiflorum		
Corylus americana			Orchis spectab.			T. recurvatum		
Cryptotaenia canad.			Oryzopsis racem.			Triosteum perfoliatum		
Cypripedium pubesc.			Osmorhiza clayton.			Uvularia grandiflora		
Cystopteris frag.			C. longistylis			Veronicastrum virg.		
Dentaria laciniata			Osmunda clayton.			Viburnum acerifolium		
Desmodium acumin.			Panax quinquef.			V. affine		
D. nudiflorum			Panicum latifolium			Viola cucullata		
Dicentra cucullaria			Parietaria pennsylv.			V. pubescens		
Dodecatheon meadia			Parthenocissus vit.			Vitis aestivalis		
Dryopteris spinulosa			Phlox divaricata			V. riparia		
Erigeron pulchellus			Phryma leptostachya			Zanthoxylum americ.		
Erythronium albidum			Podophyllum pelt.			Zizia aurea		
			Polemonium reptans					

II Hardwood Survey

Presence & Station Record

Stand No.:

Agastache scrophul.
 Allium canadense
 Amorpha canesc.
 Anaphalis marg.
 Anemone cylindrica
 Arabis canadensis
 A. laevigata
 A. lyrata
 A. perstellata
 Aralia hispida
 Arisaema dracont.
 Asclepias ovalif.
 A. phytolaccoides
 Aster azureus
 A. paniculatus
 A. prenanthoides
 Athyrium thelypter.
 Besseyia bullii
 Boehmeria cylindr.
 Botrychium multif.
 Bromus pürgans
 Camptosorus rhizop.
 Carex convoluta
 Ceanothus americ.
 Chimaphila umbell.
 Cirsium altissim.
 Clematis virgin.
 Clintonia boreal.
 Comandra umbellata
 Conopholis americ.
 Corallorrhiza mac.
 Corydalis semperv.
 Cynoglossum offic.
 Cystopteris bulbif.
 Desmodium bracteos.
 D. canadense
 Dicentra canad. en.
 Diervilla lonicera
 Dioscorea villosa
 Dirca palustris
 Elymus villosus
 Epifagus virgin.

Erigeron philadel.
 Erythronium americ.
 Evonymus atropur.
 Floerkea prosperp.
 Fragaria vesca
 Galium boreale
 Gaultheria procumb.
 Gaylussacia baccata
 Gentiana quinquef.
 Geum virginianum
 Hedeoma hispida
 Hepatica americana
 Heracleum lanatum
 Hieracium canad. en.
 H. scabrum
 Hydrophyllum append.
 Hypoxis hirsuta
 Ilex verticillata
 Juncus tenuis
 Juniperus communis
 J. virginiana
 Krigia biflora
 Lathyrus venosus
 Lilium philadel.
 Liparis liliifolia
 Lobelia cardinalis
 Lonicera dioica
 L. hirsuta
 Luzula acuminata
 L. Multiflora
 Miliun effusum
 Mitchella repens
 Monotropa uniflora
 Onoclea sensibilis
 Oryzopsis asperif.
 Osmunda cinnamomea
 Oxalis violacea
 Panax trifolium
 Paronychia canad.
 Pedicularis canad.
 Physocarpus opul.
 Phytolacca decand.

Pilea pumila
 Polymnia canad.
 Polypodium vulgare
 Prunella vulgaris
 Pteretis nodulosa
 Pyrus coronaria
 P. ioensis
 Ranunculus fascicul.
 R. rhomboideus
 Rhus glabra
 R. typhina
 Rubus hispidus
 R. pubescens
 Rudbeckia laciniata
 Salix sp.
 Sambucus pubens
 Saxifraga pennsylv.
 Scrophularia lan.
 S. marilandica
 Senecio balsamitae
 Silene stellata
 Solanum nigrum
 Solidago speciosa
 Staphylea trifolia
 Steironema ciliatum
 S. lanceolatum
 Streptopus roseus
 Symplocarpus foet.
 Taenidia integerr.
 Taxus canadensis
 Thalictrum dasycarp.
 Thaspium aureum
 Tradescantia ohio.
 Uvularia sessilif.
 Vaccinium canad.
 Veronica serpyllif.
 Viburnum lentago
 V. trilobum
 Vicia americana
 Viola conspersa
 V. incognita

Additional Species:

Calamagrostis - Can. h.