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Site 1156: Winnebago Co. Forest Preserve, Winnebago County. 1951-07-11

[s.l.]: [s.n.], 1951-07-11

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STAND RECORD

FORESTS

Stand No. 1156

Name: *Winnabago Co. Forest Preserve* *Prairie herb sheets*
 County: *Winnabago* *West of Chlanda*
 Date: *July 11, 1951* Locality: *Curtis Greene Leblanc Bay*
 Size of Stand: *4 acres* T: _____ R: _____ Sec: _____
 Forest Type: *Black oak open* Observers: _____
 Topography: _____ Size of Area Sampled: *4 acres*
 Soil Type: _____ Slope: _____ Directions: _____

Condition of Stand:

32, 30, 32

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	_____	_____	_____	_____	_____	_____	_____	_____	_____

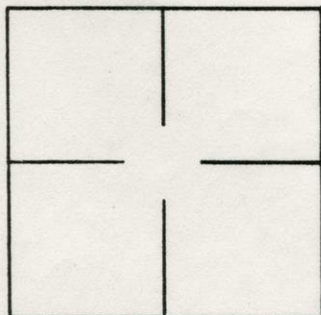
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	<i>1/4-1/2</i>	<i>loose little grass</i>	
A ₁	<i>1-1.5m</i>	<i>black sand</i>	<i>2.5m</i>
A ₂	_____	_____	_____
B	_____	_____	_____

Parent Material:

Map:



Polygonum polygonum
Smilacina racemosa
Lactuca intermedia

Stand # 1156, Brax, July, 1951, Winnebago Co. T, R, S Black Oak Opening, 80 pts.

Tree	No.	No.	No.	Pts.	No.	F. %	D. %	F. %	F. %	D. %	Dom. %	I. I.	C. I.
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	
Acerrubrum													
A. saccharum													
Carya cord.													
C. ovata													
Celtis occiden.													
Fagus grand.													
Fraxinus amer.													
F. lanceolata													
F. pennsylvani													
Juglans cinere													
J. nigra													
Ostrya virgin.													
Populus grand.													
P. tremuloides													
Prunus serotin	1	1	60						4.7	2.5	2.0		
Quercus alba													
Q. ellipsoidalis													
Q. macrocarpa	1	1	25						4.7	2.5	0.8		
Q. rubra													
Q. velutina	19	38	2859						90.4	95.0	97.1		
Tilia american													
Ulmus american													
U. rubra													
	21	40	2944						99.8	100.0	99.9		

Ave. Dist.
Btw'n Trees

412/20 = 20.6
x .8
16.48

Ave. BA

(Total
BA ÷ 80)

2944/40 = 73.6

No. Trees
Per acre

160.4

Dom. per
acre

11,804.6

A. Ruclair, '65

POINT RECORD TREES

SOUTHERN HARDWOODS

(Stand No. 1156

STATION NO.	1	2	3	4	5	6	7	8	9	10				
Acer rubrum														
A. saccharum														
Betula papy.														
Carpinus car														
Carya cord														
C. ovata														
Celtis occ														
Crataegus sp.														
Fagus grand														
Fraxinus am														
F. nigra														
Juglanscin														
J. nigra														
Ostrya virg														
Populus gran														
P. tremul														
Prunus serot														
Quercus alba														
Q. ellipsoid														
Q. macrocarpa														
Q. rubra														
Q. velutina	14 45	1 3	70 55	140 275	1 2	100 100	1 1	30 70	15 1200	210 2230	55 2	200 754	155 65	1 180
Tilia amer														
Ulmus amer														
Ulmus fulva														
Distance	14	28 1/2	17	37	25	31	23	24	16 1/2	16				

POINT RECORD TREES

SOUTHERN HARDWOODS

2 Stand No. 1156

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	11			4		40	1	4		1
Quercus alba								1		
Q. ellipsoid										
Q. macrocarpa						25				
Q. rubra										
Q. velutina	16 28	110 42	128 210	95 21	140 30	4	38 40	50 150	24 35	30 38
Tilia amer										
Ulmus amer										
Ulmus fulva										
Distance	18 1/2	20 1/2	34	13	51	14	12	10 1/2	7	13

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 1156

~~Achillea millefolium~~
~~Ambrosia artemisifolia~~
~~Ambrosia psilostachya~~
~~Amorpha canescens~~
~~Andropogon gerardi~~
~~Andropogon scoparius~~
~~Anemone canadensis~~
~~Anemone cylindrica~~
~~Anemone patens~~
~~Antennaria sp.~~
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
~~Artemisia caudata~~
~~Asclepias amplexicaulis~~
Asclepias syriaca
Asclepias tuberosa
~~Asclepias verticillata~~
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
~~Baptisia leucophaea~~
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
~~Ceanothus americanus~~
Cicuta maculata
Cirsium discolor
~~Comandra richardsiana~~
~~Convolvulus sepium~~
Coreopsis palmata
Cornus femina
~~Corylus americana~~
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
~~Euphorbia corollata~~

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
~~Helianthemum sp.~~
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
~~Heuchera richardsonii~~
~~Hieracium longipilum~~
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
~~Lactuca canadensis~~
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
~~Lespedeza capitata~~
~~Liatris aspera~~
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
~~Lithospermum canescens~~
~~Lithospermum croceum~~
~~Lithospermum incisum~~
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
~~Oenothera biennis~~
Oxalis violacea
Oxypolis rigidior
~~Panicum leibergii~~
Panicum oligosanthos
~~Panicum perlongum~~
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
~~Physalis virginiana~~
Polygala senega
Polytaenia nuttallii
~~Potentilla arguta~~
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
~~Rhus glabra~~
~~Rhus radicans~~
~~Rosa sp.~~
~~Rudbeckia hirta~~
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
~~Smilacina stellata~~
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
~~Solidago nemoralis~~
Solidago rigida
~~Solidago speciosa~~
Sorghastrum nutans
Spartina pectinata
Spiraea alba
~~Sporobolus heterolepis~~
Stipa spartea
~~Tephrosia virginiana~~
Thalictrum dasycarpum
~~Tradescantia ohioensis~~
Verbena stricta
Veronicastrum virginicum
Vicia americana
~~Viola pedata~~
Viola pedatifida
~~Vitis vulpina~~
Zizia aptera
Zizia aurea

Additional species:

Echinocystis
Rubus dew

Pteridium

Viola sagittata

Presence List
(Uncommon species)

PRAIRIES

Stand No. 1156

Locality:

County:

Sec:

T:

R:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Condition of Stand:

Type:

Acer negundo	Celastrus scandens	L. spicata	Prenanthes alba
Agoseris cuspidata	Chrysopsis villosa	Lobelia kalmii	P. aspera
Agropyron subsecun	Cirsium hillii	Lupinus perennis	Prunella vulgaris
Aletris farinosa	C. undulatum	Lycopus americanus	Psoralea argophyll
Allium canadense	Crataegus sp.	L. uniflorus	Pteridium latiuscu
A. cernuum	Cypripedium candid	Lysimachia ciliata	Pyrus ioensis
Amphicarpa monoica	C. pubescens	L. lanceolata	Rudbeckia subtomen
Anemone quinquefol	Draba reptans	L. quadriflora	Sanicula sp.
A. virginiana	Dryopteris thelypt	L. quadrifolia	Scleria triglomera
Apios americana ^{tuberosa}	Echinacea pallida	Lythrum alatum	Scrophularia lance
Aquilegia canadens	E. virginicus	Mirabilis nyctagin	Selaginella rupest
Arabis lyrata	Equisetum hyemale	Monarda punctata	Senecio aureus
Artemisia ludovici	Erigeron philadelp	Napaea dioica	S. pauperculus
A. serrata	E. pulchellus	Oenothera perennis	Silene antirrhina
Asclepias incarnat	Eupatorium altissi	O. rhombipetala	S. stellata
A. lanuginosa	Galium tinctorium	Onoclea sensibilis	Silphium perfoliat
A. longifolia	Gaura biennis	Orobanche fascicul	Smilacina racemosa
A. ovalifolia	Gentiana crinita	O. uniflora	Solidago riddellii
A. purpurascens	G. flavida	Panicum praecocius	Specularia perfoli
A. sullivantii	G. procera	Parnassia glauca	Spiranthes ochrole
Aster linariifoliu	G. quinquefolia	Parthenium integri	Sporobolus asper
A. pilosus	Gerardia aspera	Parthenocissus ins	S. cryptandrus
A. sagittifolius	G. gattingeri	Pedicularis canade	S. vaginiflorus
A. umbellatus	G. grandiflora	P. lanceolata	Stachys palustris
Astragalus candens	Gnaphalium obtusif	Pentstemon digital	Symphoricarpos occ
Blephilia ciliata	Grindelia squarros	Petalostemum villo	Taenidia integerri
Bromus kalmii	Habenaria leucopha	Phalaris arundinac	Thaspium aureum
Cacalia atriplicif	Hieracium canadens	Phlox glaberrima	Triosteum perfolia
Cacalia suaveolens	Hierochloe odorata	Plantago rugelii	Valeriana ciliata
Callirhoe triangul	Houstonia caerulea	Polemonium reptans	Verbena hastata
Calopogon pulchell	H. longifolium	Polygala polygama	Vernonia fascicula
Carex muhlenbergii	Hystrix patula	P. sanguinea	Vicia angustifolia
C. pensylvanica	Lathyrus ochroleuc	P. verticillata	V. villosa
C. vulpinoidea	Lechea tenuifolia	Polygonatum commut	Viola sagittata
Castilleja coccine	Leptoloma cognatum	Populus tremuloide	Wulfenia bullii
C. sessiliflora	Liatris ligulostyl	Potentilla frutico	Zigadenus elegans
Ceanothus ovatus			

Additional species:

Asclepias viridiflora
Greastep
Polytrichum
Panicum implicatum
Rumex acet
Rubus black
1) rasp

Parthenocissus
Galium concinnum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 1156
1

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana (P)
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis (P)
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina (P)
Zizia aptera
Zizia aurea

Additional species:

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 1154
2

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora (P)
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea (P)
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Beaster

Polytaenia

artemisia and psilo.

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 156
3

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta *Simplex*
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pennsylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Leptoloma

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

 Quadrat No. ¹¹⁵⁶
4

Achillea millefolium
 Ambrosia artemisiifolia
 Ambrosia psilostachya
 Amorpha canescens
 Andropogon gerardi
 Andropogon scoparius
 Anemone canadensis
 Anemone cylindrica
 Anemone patens
 Antennaria sp.
 Apocynum androsaemifolium
 Apocynum cannabinum
 Arenaria stricta
 Artemisia caudata
 Asclepias amplexicaulis
 Asclepias syriaca
 Asclepias tuberosa
 Asclepias verticillata
 Asclepias viridiflora
 Aster azureus
 Aster ericoides
 Aster laevis
 Aster novae-angliae
 Aster oblongifolius
 Aster ptarmicoides
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Bouteloua curtipendula
 Bouteloua hirsuta
 Cacalia tuberosa
 Calamagrostis canadensis
 Ceanothus americanus
 Cicuta maculata
 Cirsium discolor
 Comandra richardsiana
 Convolvulus sepium
 Coreopsis palmata
 Cornus femina
 Corylus americana
 Desmodium canadense
 Desmodium illinoense
 Dodecatheon meadia
 Elymus canadensis
 Equisetum arvense
 Equisetum kansanum
 Erigeron strigosus
 Eryngium yuccifolium
 Euphorbia corollata

Fragaria virginiana
 Galium boreale
 Gentiana andrewsii
 Gentiana puberula
 Geranium maculatum
 Geum triflorum
 Hedeoma hispida
 Helianthemum sp.
 Helianthus grosseserratus
 Helianthus laetiflorus
 Helianthus occidentalis
 Helianthus strumosus
 Heliopsis helianthoides
 Heuchera richardsonii
 Hieracium longipilum
 Hypoxis hirsuta
 Iris virginica
 Koeleria cristata
 Krigia biflora
 Kuhnia eupatorioides
 Lactuca canadensis
 Lactuca ludoviciana
 Lathyrus palustris
 Lathyrus venosus
 Lespedeza capitata
 Liatris aspera
 Liatris cylindracea
 Liatris pycnostachya
 Lilium michiganense
 Lilium philadelphicum
 Linum sulcatum
 Lithospermum canescens
 Lithospermum croceum
 Lithospermum incisum
 Lobelia spicata
 Monarda fistulosa
 Muhlenbergia cuspidata
 Muhlenbergia racemosa
 Oenothera biennis
 Oxalis violacea
 Oxypolis rigidior
 Panicum leibergii
 Panicum oligosanthos
 Panicum perlongum
 Panicum virgatum
 Petalostemum candidum
 Petalostemum purpureum
 Phlox pilosa
 Physalis heterophylla

Physalis subglabrata
 Physalis virginiana
 Polygala senega
 Polytaenia nuttallii
 Potentilla arguta
 Potentilla canadensis
 Prenanthes racemosa
 Psoralea esculenta
 Pycnanthemum virginicum
 Pyrus melanocarpa
 Quercus macrocarpa
 Ratibida pinnata
 Rhus glabra
 Rhus radicans
 Rosa sp.
 Rudbeckia hirta
 Salix humilis
 Saxifraga pennsylvanica
 Scutellaria parvula
 Silphium integrifolium
 Silphium laciniatum
 Silphium terebinthinaceum
 Sisyrinchium campestre
 Smilacina stellata
 Solidago altissima
 Solidago gigantea
 Solidago graminifolia
 Solidago juncea
 Solidago missouriensis
 Solidago nemoralis
 Solidago rigida
 Solidago speciosa
 Sorghastrum nutans
 Spartina pectinata
 Spiraea alba
 Sporobolus heterolepis
 Stipa spartea
 Tephrosia virginiana
 Thalictrum dasycarpum
 Tradescantia ohioensis
 Verbena stricta
 Veronicastrium virginicum
 Vicia americana
 Viola pedata
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Rumex acid.

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 5156

Achillea millefolium
Ambrosia artemisiifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

*Adiantum (P)**Rumex acris*

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 1156
6

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Leptoloma Cog.
note Panicum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 7115

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans 10
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pennsylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Ceanothus sp.

Blackberry

Presence or Frequency
(Common species only)

PRAIRIES.

Stand No.

Quadrat No. 8 156

✓ Achillea millefolium
 Ambrosia artemisifolia
 ✓ Ambrosia psilostachya
 ✓ Amorpha canescens
 Andropogon gerardi
 ✓ Andropogon scoparius
 Anemone canadensis
 Anemone cylindrica
 Anemone patens
 Antennaria sp.
 Apocynum androsaemifolium
 Apocynum cannabinum
 Arenaria stricta
 Artemisia caudata
 Asclepias amplexicaulis
 Asclepias syriaca
 Asclepias tuberosa
 Asclepias verticillata
 Asclepias viridiflora
 Aster azureus
 Aster ericoides
 Aster laevis
 Aster novae-angliae
 Aster oblongifolius
 Aster ptarmicoides
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Bouteloua curtipendula
 Bouteloua hirsuta
 Cacalia tuberosa
 Calamagrostis canadensis
 Ceanothus americanus
 Cicutula maculata
 Cirsium discolor
 Comandra richardsiana
 Convolvulus sepium
 Coreopsis palmata
 Cornus femina
 Corylus americana
 Desmodium canadense
 Desmodium illinoense
 Dodecatheon meadia
 Elymus canadensis
 Equisetum arvense
 Equisetum kansanum
 Erigeron strigosus
 Eryngium yuccifolium
 ✓ Euphorbia corollata

Fragaria virginiana
 Galium boreale
 Gentiana andrewsii
 Gentiana puberula
 Geranium maculatum
 Geum triflorum
 ✓ Hedeoma hispida
 ✓ Helianthemum sp.
 Helianthus grosseserratus
 Helianthus laetiflorus
 Helianthus occidentalis
 Helianthus strumosus
 Heliopsis helianthoides
 Heuchera richardsonii
 Hieracium longipilum
 Hypoxis hirsuta
 Iris virginica
 Koeleria cristata
 Krigia biflora
 Kuhnia eupatorioides
 Lactuca canadensis
 Lactuca ludoviciana
 Lathyrus palustris
 Lathyrus venosus
 ✓ Lespedeza capitata
 Liatris aspera
 Liatris cylindracea
 Liatris pycnostachya
 Lilium michiganense
 Lilium philadelphicum
 Linum sulcatum
 Lithospermum canescens
 ✓ Lithospermum croceum
 Lithospermum incisum
 Lobelia spicata
 Monarda fistulosa
 Muhlenbergia cuspidata
 Muhlenbergia racemosa
 Oenothera biennis
 Oxalis violacea
 Oxypolis rigidior
 Panicum leibergii
 Panicum oligosanthos
 Panicum perlongum
 Panicum virgatum
 Petalostemum candidum
 Petalostemum purpureum
 Phlox pilosa
 Physalis heterophylla

Physalis subglabrata
 Physalis virginiana
 Polygala senega
 Polytaenia nuttallii
 Potentilla arguta
 Potentilla canadensis
 Prenanthes racemosa
 Psoralea esculenta
 Pycnanthemum virginicum
 Pyrus melanocarpa
 Quercus macrocarpa
 Ratibida pinnata
 Rhus glabra
 Rhus radicans
 Rosa sp.
 Rudbeckia hirta
 Salix humilis
 Saxifraga pennsylvanica
 Scutellaria parvula
 Silphium integrifolium
 Silphium laciniatum
 Silphium terebinthinaceum
 Sisyrinchium campestre
 Smilacina stellata
 Solidago altissima
 Solidago gigantea
 Solidago graminifolia
 Solidago juncea
 Solidago missouriensis
 ✓ Solidago nemoralis
 Solidago rigida
 Solidago speciosa (p)
 Sorghastrum nutans
 Spartina pectinata
 Spiraea alba
 Sporobolus heterolepis
 Stipa spartea
 Tephrosia virginiana
 Thalictrum dasycarpum
 ✓ Tradescantia ohioensis
 Verbena stricta
 Veronicastrum virginicum
 Vicia americana
 ✓ Viola pedata
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Scroph
 Scrophularia?

Anemone patens

Polygon biflorum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 9

1156

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Polygonum bif
Rumex acid
little panicle

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 10 1 56

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsoniana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pennsylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Canex muller
Polygonatum sp.

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 41 T 56

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Rumex crispus

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 12

T15

Achillea millefolium
 Ambrosia artemisiifolia
 Ambrosia psilostachya
 Amorpha canescens
 Andropogon gerardi
 Andropogon scoparius
 Anemone canadensis
 Anemone cylindrica
 Anemone patens
 Antennaria sp.
 Apocynum androsaemifolium
 Apocynum cannabinum
 Arenaria stricta
 Artemisia caudata
 Asclepias amplexicaulis
 Asclepias syriaca
 Asclepias tuberosa
 Asclepias verticillata
 Asclepias viridiflora
 Aster azureus
 Aster ericoides
 Aster laevis
 Aster novae-angliae
 Aster oblongifolius
 Aster ptarmicoides
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Bouteloua curtipendula
 Bouteloua hirsuta
 Cacalia tuberosa
 Calamagrostis canadensis
 Ceanothus americanus
 Cicuta maculata
 Cirsium discolor
 Comandra richardsiana
 Convolvulus sepium
 Coreopsis palmata
 Cornus femina
 Corylus americana
 Desmodium canadense
 Desmodium illinoense
 Dodonaea meadia
 Elymus canadensis
 Equisetum arvense
 Equisetum kansanum
 Erigeron strigosus
 Eryngium yuccifolium
 Euphorbia corollata

Fragaria virginiana
 Galium boreale
 Gentiana andrewsii
 Gentiana puberula
 Geranium maculatum
 Geum triflorum
 Hedeoma hispida
 Helianthemum sp.
 Helianthus grosseserratus
 Helianthus laetiflorus
 Helianthus occidentalis
 Helianthus strumosus
 Heliopsis helianthoides
 Heuchera richardsonii
 Hieracium longipilum
 Hypoxis hirsuta
 Iris virginica
 Koeleria cristata
 Krigia biflora
 Kuhnia eupatorioides
 Lactuca canadensis
 Lactuca ludoviciana
 Lathyrus palustris
 Lathyrus venosus
 Lespedeza capitata
 Liatris aspera
 Liatris cylindracea
 Liatris pycnostachya
 Lilium michiganense
 Lilium philadelphicum
 Linum sulcatum
 Lithospermum canescens
 Lithospermum croceum
 Lithospermum incisum
 Lobelia spicata
 Monarda fistulosa
 Muhlenbergia cuspidata
 Muhlenbergia racemosa
 Oenothera biennis
 Oxalis violacea
 Oxypolis rigidior
 Panicum leibergii
 Panicum oligosanthos
 Panicum perlongum
 Panicum virgatum
 Petalostemum candidum
 Petalostemum purpureum
 Phlox pilosa
 Physalis heterophylla

Physalis subglabrata
 Physalis virginiana
 Polygala senega
 Polytaenia nuttallii
 Potentilla arguta
 Potentilla canadensis
 Prenanthes racemosa
 Psoralea esculenta
 Pycnanthemum virginicum
 Pyrus melanocarpa
 Quercus macrocarpa
 Ratibida pinnata
 Rhus glabra
 Rhus radicans
 Rosa sp.
 Rudbeckia hirta
 Salix humilis
 Saxifraga pennsylvanica
 Scutellaria parvula
 Silphium integrifolium
 Silphium laciniatum
 Silphium terebinthinaceum
 Sisyrinchium campestre
 Smilacina stellata
 Solidago altissima
 Solidago gigantea
 Solidago graminifolia
 Solidago juncea
 Solidago missouriensis
 Solidago nemoralis
 Solidago rigida
 Solidago speciosa
 Sorghastrum nutans
 Spartina pectinata
 Spiraea alba
 Sporobolus heterolepis
 Stipa spartea
 Tephrosia virginiana
 Thalictrum dasycarpum
 Tradescantia ohioensis
 Verbena stricta
 Veronicastrium virginicum
 Vicia americana
 Viola pedata
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Apocynum tuberosa
 Hieracium sabulum
 = longipilum
 of T. esculenta

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 13 1 56 4

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum (P)
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata sagittata (P)
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Rumex

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 14 1156

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Rumex and

Black rasp

Silene stellata
Rumex crispus

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 157156

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Rumex acid
Pteridium (b) *hirs*
Dew

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 16

1156

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica (P)
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Leaves!

Parthenocarpous
arbutum angustifolium

Presence or Frequency
(Common species only)

PRAIRIES.

Stand No. 1)
Quadrat No. 1156

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale *Concurrens*
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii (p.)
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta *simplex*
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans 1156
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata (p.)
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Den

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 18 7156

Achillea millefolium
Ambrosia artemisiifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pennsylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Dew

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.

Quadrat No. 19

Achillea millefolium
Ambrosia artemisiifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No. 20

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens
Andropogon gerardi
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Parthen

Deer

TYPE:

[illegible]

[illegible]

[illegible]

[illegible]

PRAIRIE SURVEY

TYPE: ■

5.

[illegible]

PRAIRIE SURVEY

TYPE:

STATION NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	F	P
<i>Thaspium aureum</i>																						
<i>Tradescantia ohioe</i>	✓		✓	✓	✓			✓	✓												30	✓
<i>Triosteum perfolia</i>																						
<i>Valeriana edulis</i>																						
<i>Verbena hastata</i>																						
<i>V. stricta</i>																						
<i>Vernonia fascicula</i>																						
<i>Veronicastrum virg</i>																						
<i>Vicia americana</i>																						
<i>V. angustifolia</i>																						
<i>V. villosa</i>																						
<i>Viola pedata</i>								✓	✓	✓									✓	✓	25	✓
<i>V. petatifida</i>																						
<i>V. sagittata</i>													✓								5	✓
<i>Vitis vulpina</i>	✓																				5	✓
<i>Zigadenus elegans</i>																						
<i>Zizia aptera</i>																						
<i>Z. aurea</i>																						
Additional sp:																						
<i>Gnaphalium</i>		✓																			5	
<i>Polytrichum</i>		✓																			5	
<i>Panicum implicatum</i>			✓																		5	
<i>Potentilla simplex</i>			✓					✓				✓						✓	✓		25	
<i>Rumex acet</i>				✓	✓						✓		✓	✓	✓						30	
<i>Rubus black</i>								✓													5	
<i>Carex sp</i>								✓													5	
<i>Polygonatum biflo</i>								✓	✓	✓											15	
<i>Rubus rasp</i>														✓							5	
<i>Rubus dew</i>															✓			✓	✓	✓	25	
<i>Athyrium angust</i>																✓					5	
<i>Parthenocissus nt</i>																✓				✓	10	
<i>Galium concinnum</i>																	✓				5	