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Site 1165: Observatory Hill, Marquette County, Township 14N, Range 10E, Section 8, SE 1/4. 1951-08-06

[s.l.]: [s.n.], 1951-08-06

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Prairie sheets

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1163

Name: *Observatory Hill*
 County: *Marquette*
 Date: *Aug 6, 1951*
 Size of Stand: *40 acres*
 Forest Type: *Cedar glade*
 Topography: *hilly, rock outcrops*
 Condition of Stand: *Excellent*

Locality:
 T: *14N* R: *10E* Sec: *SE8*
 Observers: *Curtis, Greene, Grebber, Bray*
 Size of Area Sampled:
 Soil Type: *wind blown silt*
 Slope: _____ Directions: _____

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	_____	_____	_____	_____	_____	_____	_____	_____	_____

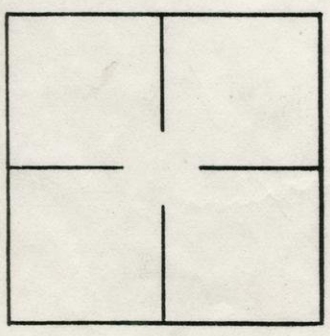
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	<i>1/4</i>	<i>mo. humus</i>	<i>1/2</i>
A ₁	<i>3 in grey black loam</i>	<i>3</i>	<i>grey black silt</i>
A ₂			<i>brown silt</i>
B			

Parent Material:

Map:



Galium aparine

Stand # 1165, Curtis, Bray, Aug. 1951 Marquette Co. T 14N; R 10E; S 8 se 4, Cedar Glade, 33pts.

Tree	No. : No. :	No. Pts. : No. :	F. % : D. % :	F. % : F. % : D. % :	Dom. % :										
	Pts. : Tr. :	Dom. : Sap. :	Sap. : Sap. :	Seed : Seed :	Tr. : Tr. :	Trees :	I. I. :	C. I. :							
Acerrubrum															
A. saccharum															
Carya cord.															
C. ovata	4 5	259					10.8	7.5	9.1						
Celtis occiden.															
Fagus grand.															
Fraxinus amer.															
F. lanceolata															
F. pennsylvani															
Juglans cinere															
J. nigra															
Ostrya virgin.															
Populus grand.															
P. tremuloides															
Prunus serotin															
Quercus alba	1 2	55					2.7	3.0	1.9						
Q. ellipsoidalis															
Q. macrocarpa															
Q. rubra															
Q. velutina	2 3	350					5.4	4.5	12.3						
Tilia american															
Ulmus american															
U. rubra															
<i>Jompeus virginiana</i>	30 56	2162					81.0	84.8	76.5						
	37 66	2826					99.9	99.8	99.8						

Ave. Dist.
Btw'n Trees
536/33 = 16.242
X.8
13.0
Ave. BA
(Total
BA ÷ 80)
42.82
No. Trees
Per acre
258.03
Dom. per
acre
11,048.80

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1165

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata		III						25		
Celtis occ										
Crataegus sp. (P)										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba		I								
Q. ellipsoid										
Q. macrocarpa (P)										
Q. rubra										
Q. velutina	135 175	40								
Tilia amer										
Ulmus amer										
Ulmus fulva										
Juniperus	11	70	42 30	28 4	35 25	17 14	35 23	42	44	13 4
Distance	11 1/2	15	5 1/2	10 1/2	12 1/2	18 1/2	11	14	7 1/2	15 1/2

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1165

STATION NO.	1	2	3	4	5	6	7	8	9	10	
Acer rubrum											
A. saccharum											
Betula papy.											
Carpinus car											
Carya cord	4										
C. ovata	2			19	3						
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am											
F. nigra											
Juglanscin											
J. nigra											
Ostrya virg											
Populus gran											
P. tremul											
Prunus serot											
Quercus alba	32 23	1 2	1								
Q. ellipsoid											
Q. macrocarpa											
Q. rubra											
Q. velutina						2	1				
Tilia amer											
Ulmus amer											
Ulmus fulva											
Juniper		89 37	37 122	44	51	20 20	125 415	25 175	125 430	50 80	100 100
Distance	18	13 1/2	22	18 1/2	8	26	14	14 1/2	14 1/2	27	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1160

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata					25				65 125	
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	3									
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	1									1
Tilia amer										
Ulmus amer										
Ulmus fulva										
Juncus	18 25	58 245	32 220	52 460	47	425 30	26 28	35 31	25 55	3
Distance	22	13	22	13	14½	10½	4	29½	11	18½

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1165

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										
Tilia amer										
Ulmus amer										
Ulmus fulva										
<i>Frax</i>	43 33	1 4	50 50	43 31	4					
Distance	10	25	8							

165

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No.

- ✓ 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

agrostoides

virginica

linanifolius
sagittifolius

perfoliatus

ramosus

- ✓ 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
- ✓ Lillium michiganense
- ✓ Lillium 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

scaberrimus

OVER

Geum canadense

- ✓ 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

Norvegica

alba

racemosa

almifolia

sagittata

Sporobolus vaginiflorus

Smilax herbacea

Antennaria parlinii

Additional species:

- ✓ Sedum purpureum
- ✓ Monotropa uniflora
- ✓ Rubus strigosus
- ✓ Dioscorea villosa

- ✓ Desmodium nud
- ✓ " glutinosum
- ✓ Ansaema atnorubens
- ✓ Lespedeza virginica

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 102
Quadrat No.

Physalis angulata	Physalis virginiana	Polygonum senega	Polygonum nuttallii	Potentilla arguta	Potentilla canadensis	Prenanthes racemosa	Rosa sp.	Rudbeckia hirta	Salix humilis	Scirpus pennsylvanicus	Scirpus parvulus	Scirpus setosus	Solidago altissima	Solidago gigantea	Solidago graminifolia	Solidago juncea	Solidago missouriensis	Solidago nemoralis	Solidago rigida	Solidago speciosa	Sorghastrum nutans	Spartina pectinata	Spiraea alba	Sporobolus heterophyllus	Stipa spartea	Tephrosia virginiana	Thalictrum dasycarpum	Trifolium pratense	Verbena stricta	Veronica virginiana	Vicia americana	Vicia pedata	Vicia pedunculata	Vitis vulpina	Xizis aptera	Xizis aurea				
Galium boreale	Gentiana andrewsii	Gentiana puberula	Gentiana maculata	Geum triflorum	Hedeoma papposum	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra	Heliopsis scabra
Asclepias tuberosa	Asclepias verticillata	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	Asclepias tuberosa	

Potentilla canadensis

Solidago juncea

Solidago juncea

Vicia pedata

Vicia pedata

Vicia pedata

Solidago juncea

Solidago juncea

Eryngium yuccifolium

Desmodium nudiflorum

Desmodium nudiflorum

Galium aparine
Polygonum convolvulus
Composita acer
Desmodium nudiflorum

Rubus idaeus

Viola pedata
Potentilla simplex

Ampelocera
Chenopodium
Marrubium

Fragaria virginiana
Syringia alba
Rumex crispus

Rumex crispus
Rumex crispus

Presence List
(Uncommon species)

PRAIRIES

Stand No. 1160

Locality:

County:

Sec:

T:

R:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Condition of Stand:

Type:

Acer negundo
Agoseris cuspidata
Agropyron subsecun
Aletris farinosa
Allium canadense
A. cernuum
Amphicarpa monoica
Anemone quinquefol
A. virginiana
Apios americana
~~Aquilegia canadens~~
~~Arabis lyrata~~
Artemisia ludovici
A. serrata
Asclepias incarnat
A. lanuginosa
A. longifolia
A. ovalifolia
A. purpurascens
A. sullivantii
~~Aster linariifoliu~~
A. pilosus
A. sagittifolius
A. umbellatus
Astragalus candens
Blephilia ciliata
Bromus kalmii
Cacalia atriplicif
Cacalia suaveolens
Callirhoe triangul
Calopogon pulchell
Carex muhlenbergii
~~C. pensylvanica~~
C. vulpinoidea
Castilleja coccine
C. sessiliflora
Ceanothus ovatus

trachycarum
~~Celastrus scandens~~
Chrysopsis villosa
Cirsium hillii
C. undulatum
Crataegus sp.
Cypripedium candid
C. pubescens
Draba reptans
Dryopteris thelypt
Echinacea pallida
E. virginicus
Equisetum hyemale
Erigeron philadelp
E. pulchellus
Eupatorium altissi
Galium tinctorium
Gaura biennis
Gentiana crinita
G. flavida
G. procera
G. quinquefolia
Gerardia aspera
G. gattingeri
G. grandiflora
~~Gnaphalium obtusif~~
Grindelia squarros
Habenaria leucopha
Hieracium canadens
Hierochloe odorata
Houstonia caerulea
H. longifolium
Hystrix patula
Lathyrus ochroleuc
~~Lechea tenuifolia~~
Leptoloma cognatum
Liatris ligulostyl

L. spicata
Lobelia kalmii
Lupinus perennis
Lycopus americanus
L. uniflorus
Lysimachia ciliata
L. lanceolata
L. quadriflora
L. quadrifolia
Lythrum alatum
Mirabilis nyctagin
Monarda punctata
Napaea dioica
Oenothera perennis
O. rhombipetala
Onoclea sensibilis
Orobanche fascicul
O. uniflora
Panicum praecocius
Parnassia glauca
Parthenium integri
~~Parthenocissus ins~~
Pedicularis canade
P. lanceolata
Pentstemon digital
Petalostemum villo
Phalaris arundinac
Phlox glaberrima
Plantago rugelii
Polemonium reptans
Polygala polygama
~~P. sanguinea~~
P. verticillata
Polygonatum commut
Populus tremuloide
Potentilla frutico

~~Prenanthes alba~~
P. aspera
Prunella vulgaris
Psoralea argophyll
~~Pteridium latiuscu~~
Pyrus ioensis
Rudbeckia subtomen
Sanicula sp. *manland*
Scleria triglomera
Scrophularia lance
Selaginella rupest
Senecio aureus
S. pauperculus
~~Stilene antirrhina~~
S. stellata
Silphium perfoliat
Smilacina racemosa
Solidago riddellii
Specularia perfoli
Spiranthes ochrole
Sporobolus asper
S. cryptandrus
~~S. vaginiflorus~~
Stachys palustris
Symphoricarpos occ
Taenidia integerri
Thaspium aureum
Triosteum perfolia
Valeriana ciliata
Verbena ~~hastata~~ *urticifolia*
Vernonia fascicula
Vicia angustifolia
V. villosa
Viola sagittata
Wulfenia bullii
Zigadenus elegans

Additional species:

Galium aparine
Spreata
Danthonia
Erechtites hyeraefolia
Humus penn
Dryopteris marginalis
Polygala sanguinea
Parietaria

Rubus hirsutus
Vaccinium penn
Polygonatum lauale
Viola sagittifolia?
Asplenium canadensis
Rhus glabra
P. Conydati sempervirens

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	P	P	
<i>Thaspium aureum</i>																							
<i>Tradescantia ohioe</i>							✓		✓												10	✓	
<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>																							✓
<i>V. petatifida</i>																							✓
<i>V. sagittata</i>		✓	✓		✓		✓					✓	✓				✓			✓	40	✓	
<i>Vitis vulpina</i>																							
<i>Zigadenus elegans</i>																							
<i>Zizia aptera</i>																							
<i>Z. aurea</i>																							
Additional sp:																							
<i>Danthonia spicata</i>	✓	✓		✓								✓	✓	✓	✓	✓				✓	45	✓	
<i>Vaccinium pen</i>	✓					✓												✓			15	✓	
<i>Woodsia rusty</i>		✓					✓		✓	✓			✓								25	✓	
<i>Erechtites hyemacola</i>	✓						✓		✓			✓									20	✓	
<i>Liparis liliifolia</i>		✓																			5	✓	
<i>Botrychium multi</i>		✓																			5	✓	
<i>Solidago ulmifolia</i>		✓																			5	✓	
<i>Rubus idew</i>		✓									✓		✓								15	✓	
<i>Parthenocissus vt</i>			✓		✓				✓	✓	✓					✓	✓				35	✓	
<i>Rumex acet</i>				✓																	5	✓	
<i>Houstonia longifolia</i>					✓																		✓
<i>Amphicarpa bras.</i>				✓	✓				✓		✓										20	✓	
<i>Corydalis pinksempervivous</i>								✓					✓	✓							15	✓	
<i>Polyg. convolutus</i>								✓													5	✓	
<i>Vitis riparia</i>									✓	✓											5	✓	
<i>Potentilla simplex</i>									✓									✓			10	✓	
<i>Solidago flexicaulis</i>											✓										5	✓	
<i>Dryopteris marginalis</i>										✓											5	✓	
<i>Aralia nudicaulis</i>										✓	✓										10	✓	
<i>Rhus typhina</i>										✓											5	✓	
<i>Anisacoma atro.</i>										✓											5	✓	
<i>Bidens sp</i>					✓					✓					✓						20	✓	
<i>Paria taris</i>										✓					✓						10	✓	
<i>Prunus virgin.</i>											✓										5	✓	
<i>Panicum craepiensis</i>												✓						✓			10	✓	
<i>Polygonatum biflora</i>													✓								5	✓	
<i>Selaginella</i>														✓							5	✓	
<i>Aster lateriflorus</i>																		✓			5	✓	
<i>Polypodium vulgare</i>																		✓			5	✓	
<i>Campanula rotund.</i>																		✓		✓	10	✓	
<i>Cystopteris fragilis</i>																		✓			5	✓	
<i>Oxalis violacea</i>																				✓	5	✓	

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 1

Achillea millefolium	Fragaria virginiana	Physalis subglabrata
Ambrosia artemisifolia	Galium boreale	Physalis virginiana
Ambrosia psilostachya	Gentiana andrewsii	Polygala senega
✓ Amorpha canescens	Gentiana puberula	Polytaenia nuttallii
Andropogon gerardi	Geranium maculatum	Potentilla arguta
Andropogon scoparius	Geum triflorum	Potentilla canadensis
Anemone canadensis	Hedeoma hispida	Prenanthes racemosa
Anemone cylindrica	Helianthemum sp.	Psoralea esculenta
Anemone patens	Helianthus grosseserratus	Pycnanthemum virginicum
✓ Antennaria sp.	Helianthus laetiflorus	Pyrus melanocarpa
✓ Apocynum androsaemifolium	Helianthus occidentalis	Quercus macrocarpa
Apocynum cannabinum	Helianthus strumosus	Ratibida pinnata
Arenaria stricta	Heliopsis helianthoides	Rhus glabra
Artemisia caudata	Heuchera richardsonii	Rhus radicans
Asclepias amplexicaulis	Hieracium longipilum	Rosa sp.
Asclepias syriaca	Hypoxis hirsuta	Rudbeckia hirta
Asclepias tuberosa	Iris virginica	Salix humilis
Asclepias verticillata	Koeleria cristata	Saxifraga pensylvanica
Asclepias viridiflora	Krigia biflora	Scutellaria parvula
Aster azureus	Kuhnia eupatorioides	Silphium integrifolium
Aster ericoides	Lactuca canadensis	Silphium laciniatum
Aster laevis	Lactuca ludoviciana	Silphium terebinthinaceum
Aster novae-angliae	Lathyrus palustris	Sisyrinchium campestre
Aster oblongifolius	Lathyrus venosus	Smilacina stellata
Aster ptarmicoides	Lespedeza capitata	Solidago altissima
Aster sericeus	Liatris aspera	Solidago gigantea
Baptisia leucantha	Liatris cylindracea	Solidago graminifolia
Baptisia leucophaea	Liatris pycnostachya	Solidago juncea
Bouteloua curtipendula	Lilium michiganense	Solidago missouriensis
Bouteloua hirsuta	Lilium philadelphicum	Solidago nemoralis
Cacalia tuberosa	Linum sulcatum	Solidago rigida
Calamagrostis canadensis	Lithospermum canescens	Solidago speciosa
Ceanothus americanus	Lithospermum croceum	Sorghastrum nutans
Cicuta maculata	Lithospermum incisum	Spartina pectinata
Cirsium discolor	Lobelia spicata	Spiraea alba
Comandra richardsonii	Monarda fistulosa	Sporobolus heterolepis
Convolvulus sepium	Muhlenbergia cuspidata	Stipa spartea
Coreopsis palmata	Muhlenbergia racemosa	Tephrosia virginiana
Cornus femina	Oenothera biennis	Thalictrum dasycarpum
Corylus americana	Oxalis violacea	Tradescantia ohioensis
Desmodium canadense	Oxypolis rigidior	Verbena stricta
Desmodium illinoense	Panicum leibergii	Veronicastrum virginicum
Dodecatheon meadia	Panicum oligosanthos	Vicia americana
Elymus canadensis	Panicum perlongum	Viola pedata
Equisetum arvense	Panicum virgatum	Viola pedatifida
Equisetum kansanum	Petalostemum candidum	Vitis vulpina
Erigeron strigosus	Petalostemum purpureum	Zizia aptera
Eryngium yuccifolium	Phlox pilosa	Zizia aurea
Euphorbia corollata	Physalis heterophylla	

Additional species:

Carex penn
Dianthus

Vaccinium Plum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 2

Achillea millefolium
 Ambrosia artemisifolia
 Ambrosia psilostachya
 Amorphia 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
 Sistrinchium 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:

Agropyron woodii (P)
 Danthonia
 Erechtites

Danthonia
 Lycopodium
 Botrychium

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 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
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:

Carex
Ranunculus
Parthenocissus

Bolochium multiv.
marant

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 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
 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:

Sambucus

Polygala sanguinea
 Grey, soul
 Monarda longifolia

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 5

Achillea millefolium	Fragaria virginiana	Physalis subglabrata
Ambrosia artemisifolia	Galium boreale	Physalis virginiana
Ambrosia psilostachya	Gentiana andrewsii	Polygala senega
Amorpha canescens	Gentiana puberula	Polytaenia nuttallii
Andropogon gerardi	Geranium maculatum	Potentilla arguta
Andropogon scoparius	Geum triflorum	Potentilla canadensis
Anemone canadensis	Hedeoma hispida	Prenanthes racemosa
Anemone cylindrica	Helianthemum sp.	Psoralea esculenta
Anemone patens	Helianthus grosseserratus	Pycnanthemum virginicum
Antennaria sp.	Helianthus laetiflorus	Pyrus melanocarpa
Apocynum androsaemifolium	Helianthus occidentalis	Quercus macrocarpa
Apocynum cannabinum	Helianthus strumosus	Ratibida pinnata
Arenaria stricta	Heliopsis helianthoides	Rhus glabra
Artemisia caudata	Heuchera richardsonii	Rhus radicans
Asclepias amplexicaulis	Hieracium longipilum	Rosa sp.
Asclepias syriaca	Hypoxis hirsuta	Rudbeckia hirta
Asclepias tuberosa	Iris virginica	Salix humilis
Asclepias verticillata	Koeleria cristata	Saxifraga pensylvanica
Asclepias viridiflora	Krigia biflora	Scutellaria parvula
Aster azureus	Kuhnia eupatorioides	Silphium integrifolium
Aster ericoides	Lactuca canadensis	Silphium laciniatum
Aster laevis	Lactuca ludoviciana	Silphium terebinthinaceum
Aster novae-angliae	Lathyrus palustris	Sisyrinchium campestre
Aster oblongifolius	Lathyrus venosus	Smilacina stellata
Aster ptarmicoides	Lespedeza capitata	Solidago altissima
Aster sericeus	Liatris aspera	Solidago gigantea
Baptisia leucantha	Liatris cylindracea	Solidago graminifolia
Baptisia leucophaea	Liatris pycnostachya	Solidago juncea
Bouteloua curtipendula	Lilium michiganense	Solidago missouriensis
Bouteloua hirsuta	Lilium philadelphicum	Solidago nemoralis
Cacalia tuberosa	Linum sulcatum	Solidago rigida
Calamagrostis canadensis	Lithospermum canescens	Solidago speciosa
Ceanothus americanus	Lithospermum croceum	Sorghastrum nutans
Cicuta maculata	Lithospermum incisum	Spartina pectinata
Cirsium discolor	Lobelia spicata	Spiraea alba
Comandra richardsoniana (p)	Monarda fistulosa	Sporobolus heterolepis
Convolvulus sepium	Muhlenbergia cuspidata	Stipa spartea
Coreopsis palmata	Muhlenbergia racemosa	Tephrosia virginiana
Cornus femina	Oenothera biennis	Thalictrum dasycarpum
Corylus americana	Oxalis violacea	Tradescantia ohioensis
Desmodium canadense	Oxypolis rigidior	Verbena stricta
Desmodium illinoense	Panicum leibergii	Veronicastrum virginicum
Dodecatheon meadia	Panicum oligosanthos	Vicia americana
Elymus canadensis	Panicum perlongum	Viola pedata
Equisetum arvense	Panicum virgatum	Viola pedatifida (p) sagittata
Equisetum kansanum	Petalostemum candidum	Vitis vulpina
Erigeron strigosus	Petalostemum purpureum	Zizia aptera
Eryngium yuccifolium	Phlox pilosa	Zizia aurea
Euphorbia corollata	Physalis heterophylla	

Additional species:

~~Amphicarpa~~ Aquilegia Pasture Bidens sp

Presence or Frequency
(Common species only)

PRAIRIES.

Stand No. 1165
Quadrat No. 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 (p)
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Carex penn

Amphibia
Vaccinium penn

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 7

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 *sagata*
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

Woodruff rusty

Erechtites

Presence or Frequency
(Common species only)

PRAIRIES.

Stand No. 1165
Quadrat No. 9

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 (P)
 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
 Thalicttrum dasycarpum
 Tradescantia ohioensis
 Verbena stricta
 Veronicastrium virginicum
 Vicia americana
 Viola pedata
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Diogenaea villosa (P)
Moronegona (P)
Polygonum Convolvulus
Carex pens
Rhus strigosus
Polygonum canad
Convolvulus

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 9

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:

Desmodium nud (P)
" glut (P)
Woodruff

Parthenocera Aquilegia
Lespedeza atrovirens (P)
Arisaema strictum (P)
Ampelocera Potentilla simplex (P)
also in pond

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 10

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 *canadense*
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:

Bidens sp.

Panicum sp.

Desmodium sp.

Artemisia

Woodruffia

Rhus typhina

Potentilla norvegica (P)

Verbena ulmifolia (P)

Androsaemum atro

Erechtites

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 11

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 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:

Cornus rugosa
Galatella
Heuland

Pteridium aquilinum
Panthera
Amphispiza

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 12

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~~ *virginica*
 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 *Sag*
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Panicum crepense
Erechtites

Polygonatum ca
Bidens sp
Danthonia

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 13

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 *racemosa*
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:

Polygonatum hydropiper
Corydalis

Antennaria parvifolia

Sarothamnus sp

Desmodium
Woodwardia

Antennaria parvifolia

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 14

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:

Selaginella

Danthonia

Conyza

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 15

Achillea millefolium	Fragaria virginiana	Physalis subglabrata
<u>Ambrosia artemisifolia</u>	Galium boreale	Physalis virginiana
Ambrosia psilostachya	Gentiana andrewsii	Polygala senega
Amorpha canescens	Gentiana puberula	Polytaenia nuttallii
Andropogon gerardi	Geranium maculatum	Potentilla arguta
Andropogon scoparius	Geum triflorum	Potentilla canadensis
Anemone canadensis	Hedeoma hispida	Prenanthes racemosa
Anemone cylindrica	Helianthemum sp.	Psoralea esculenta
Anemone patens	Helianthus grosseserratus	Pycnanthemum virginianum
Antennaria sp.	Helianthus laetiflorus	Pyrus melanocarpa
Apocynum androsaemifolium	Helianthus occidentalis	Quercus macrocarpa
Apocynum cannabinum	Helianthus strumosus	Ratibida pinnata
Arenaria stricta	Heliopsis helianthoides	Rhus glabra
Artemisia caudata	Heuchera richardsonii	Rhus radicans
Asclepias amplexicaulis	Hieracium longipilum	<u>Rosa sp.</u>
Asclepias syriaca	Hypoxis hirsuta	Rudbeckia hirta
Asclepias tuberosa	Iris virginica	Salix humilis
Asclepias verticillata	Koeleria cristata	Saxifraga pensylvanica
Asclepias viridiflora	Krigia biflora	Scutellaria parvula
Aster azureus	Kuhnia eupatorioides	Silphium integrifolium
Aster ericoides	Lactuca canadensis	Silphium laciniatum
Aster laevis	Lactuca ludoviciana	Silphium terebinthinaceum
Aster novae-angliae	Lathyrus palustris	Sisyrinchium campestre
Aster oblongifolius	Lathyrus venosus	Smilacina stellata
Aster ptarmicoides	Lespedeza capitata	Solidago altissima
Aster sericeus <i>sagittifol</i>	Liatris aspera	Solidago gigantea
Baptisia leucantha	Liatris cylindracea	Solidago graminifolia
Baptisia leucophaea	Liatris pycnostachya	Solidago juncea
Bouteloua curtipendula	Lilium michiganense	Solidago missouriensis
Bouteloua hirsuta	Lilium philadelphicum	Solidago nemoralis
Cacalia tuberosa	Linum sulcatum	Solidago rigida
Calamagrostis canadensis	Lithospermum canescens	Solidago speciosa
Ceanothus americanus	Lithospermum croceum	Sorghastrum nutans
Cicuta maculata	Lithospermum incisum	Spartina pectinata
Cirsium discolor	Lobelia spicata	Spiraea alba
Comandra richardsiana	Monarda fistulosa	Sporobolus heterolepis
Convolvulus sepium	Muhlenbergia cuspidata	Stipa spartea
<u>Coreopsis palmata (P)</u>	Muhlenbergia racemosa	Tephrosia virginiana
Cornus femina	Oenothera biennis	Thalictrum dasycarpum
Corylus americana	Oxalis violacea	Tradescantia ohioensis
Desmodium canadense	Oxypolis rigidior	Verbena stricta
Desmodium illinoense	Panicum leibergii	Veronicastrum virginicum
Dodecatheon meadia	Panicum oligosanthos	Vicia americana
Elymus canadensis	Panicum perlongum	Viola pedata
Equisetum arvense	Panicum virgatum	Viola pedatifida
Equisetum kansanum	Petalostemum candidum	Vitis vulpina
Erigeron strigosus	Petalostemum purpureum	Zizia aptera
Eryngium yuccifolium	Phlox pilosa	Zizia aurea
Euphorbia corollata	Physalis heterophylla	

Additional species:

Danthonia

Panicum

Bidens

delite
aster
lucanif
Antennaria
Aquilegia
Verbascum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 16

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:

Polygonum vulgare

Danthonia
Carex penn

Caryophyllus rotundifolius
Ranunculus
Potentilla

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 17

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 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 *Sag*
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Cypripedium
fragile

Agrostis
perennis

Panicum creperum

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 18

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
 Veronicastrium virginicum
 Vicia americana
 Viola pedata
 Viola pedatifida
 Vitis vulpina
 Zizia aptera
 Zizia aurea

Additional species:

Carex Penna
 Aquilegia

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 116
Quadrat No. 19

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:

Carex per

Spiranthes gracilis
Oxalis violacea

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1165
Quadrat No. 2D

Achillea millefolium	Fragaria virginiana	Physalis subglabrata
Ambrosia artemisifolia	Galium boreale	Physalis virginiana
Ambrosia psilostachya	Gentiana andrewsii	Polygala senega
Amorpha canescens	Gentiana puberula	Polytaenia nuttallii
Andropogon gerardi	Geranium maculatum	Potentilla arguta
Andropogon scoparius	Geum triflorum	Potentilla canadensis
Anemone canadensis	Hedeoma hispida	Prenanthes racemosa
Anemone cylindrica	Helianthemum sp.	Psoralea esculenta
Anemone patens	Helianthus grosseserratus	Pycnanthemum virginicum
Antennaria sp.	Helianthus laetiflorus	Pyrus melanocarpa
Apocynum androsaemifolium	Helianthus occidentalis	Quercus macrocarpa
Apocynum cannabinum	Helianthus strumosus	Ratibida pinnata
Arenaria stricta	Heliopsis helianthoides	Rhus glabra
Artemisia caudata	Heuchera richardsonii	Rhus radicans
Asclepias amplexicaulis	Hieracium longipilum	Rosa sp.
Asclepias syriaca	Hypoxis hirsuta	Rudbeckia hirta
Asclepias tuberosa	Iris virginica	Salix humilis
Asclepias verticillata	Koeleria cristata	Saxifraga pensylvanica
Asclepias viridiflora	Krigia biflora	Scutellaria parvula
Aster azureus	Kuhnia eupatorioides	Silphium integrifolium
Aster ericoides	Lactuca canadensis	Silphium laciniatum
Aster laevis	Lactuca ludoviciana	Silphium terebinthinaceum
Aster novae-angliae	Lathyrus palustris	Sisyrinchium campestre
Aster oblongifolius	Lathyrus venosus	Smilacina stellata
Aster ptarmicoides	Lespedeza capitata	Solidago altissima
Aster sericeus	Liatris aspera	Solidago gigantea
Baptisia leucantha	Liatris cylindracea	Solidago graminifolia
Baptisia leucophaea	Liatris pycnostachya	Solidago juncea
Bouteloua curtipendula	Lilium michiganense	Solidago missouriensis
Bouteloua hirsuta	Lilium philadelphicum	Solidago nemoralis
Cacalia tuberosa	Linum sulcatum	Solidago rigida
Calamagrostis canadensis	Lithospermum canescens	Solidago speciosa
Ceanothus americanus	Lithospermum croceum	Sorghastrum nutans
Cicuta maculata	Lithospermum incisum	Spartina pectinata
Cirsium discolor	Lobelia spicata	Spiraea alba
Comandra richardsoniana	Monarda fistulosa	Sporobolus heterolepis
Convolvulus sepium	Muhlenbergia cuspidata	Stipa spartea
Coreopsis palmata	Muhlenbergia racemosa	Tephrosia virginiana
Cornus femina	Oenothera biennis	Thalictrum dasycarpum
Corylus americana	Oxalis violacea	Tradescantia ohioensis
Desmodium canadense	Oxypolis rigidior	Verbena stricta
Desmodium illinoense	Panicum leibergii	Veronicastrum virginicum
Dodecatheon meadia	Panicum oligosanthos	Vicia americana
Elymus canadensis	Panicum perlongum	Viola pedata
Equisetum arvense	Panicum virgatum	Viola pedatifida <i>sig</i>
Equisetum kansanum	Petalostemum candidum	Vitis vulpina
Erigeron strigosus <i>ramosus</i>	Petalostemum purpureum	Zizia aptera
Eryngium yuccifolium	Phlox pilosa	Zizia aurea
Euphorbia corollata	Physalis heterophylla	

Additional species:

Arabis lyrata *Campanula rotundifolia*
Sedum tetraefolium *Agrostis* *Silene aethiops*
Danthonia (P)