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Site 0052: 1 1/2 mi. N of Magnolia Sta. on C. & N.W.R.R., Rock County, Township 3N, Range 10E, Section 12. 1947-07-11

[s.l.]: [s.n.], 1947-07-11

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-6/24/48 HEG-JTC

Substitute #52a
718153

166.8

(52)
A

NW 25W

Prairie Relic Study. III.

Section 12 Township 3N Range 10E County Rock Place 1 1/2 mi. N of Magnolia
Date 7/11/47 Observer J. T. Curtis; H. C. Greene Sta. on C. & N.W. RR.
Habitat Description

Low prairie

(D = on drier sites)

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

Additional Species

Houstonia caerulea
Oenothera pumila
- *Rudbeckia laciniata*

40 on List III

9 " " IV

2 extra

51

54

Habenaria leucophaea 7/17/51 E. T. T. T.

Prairie Relic Study. IV.

Section 12 Township 3N Range 10E County Rock
 Date 7/11/47 Observer J.T. Curtis; H.C. Greene
 Habitat Description

Place 1 1/2 mi. N. of Magnolia
 Sta. on C. & N. W. R. R.

Low prairie

Acer negundo	Draba caroliniana	<i>Polygala senega</i>
Acerates floridana	Elymus virginicus	Polygala polygama
Acerates lanuginosa	Equisetum arvense	Polygala sanguinea
Acerates viridifl.	Equisetum hyemale	Polygala verticillata
Agoseris cuspidata	Erigeron philadelph.	Polygonatum commutat.
Allium canadense	Erigeron pulchellus	Polytaenia nuttallii
Allium cernuum	Galium tinctorium	Populus tremuloides
Ambrosia psilostach.	Gentiana procera	Prenanthes alba
Anemone canadensis	Gerardia aspera	✓ Prenanthes racemosa
Anemone patens	Habenaria leucophaea	Prunella vulgaris
Anemone quinquef.	Hedeoma pinnatifida	Psedera quinquefolia
Arabis lyrata	Helianthus strumosus	Psoralea esculenta
Arenaria stricta	Helipsis scabra	Pteridium latiusculum
Artemisia ludovic. D	✓ Hieracium canadense	Pyrus ioensis
Asclepias amplexic.	Hieracium longipil.	Rhus radicans
Asclepias ovalifolia	Hierochloa odorata.	Rudbeckia subtomentosa
Asclepias purpurasc.	Iris virginica	Sanicula sp.
Asclepias sullivant.	✓ Krigia biflora	✓ Saxifraga pennsylvanica
Asclepias tuberosa	Lathyrus ochroleucus	Scutellaria parvula
Aster linariifolius	Lathyrus palustris	Senecio aureus
Aster oblongifolius	Liatris spicata	Silene antirrhina
Aster pilosus	Lilium michiganense	Silene stellata
Aster ptarmicoides	Lilium philadelph.	Silphium perfoliatum
Aster sagittifolius	Linum sulcatum	Smilacina racemosa
Astragalus canad.	Lithospermum croceum D	Solidago altissima
Aureolaria grandifl.	Lupinus perennis	✓ Solidago juncea
Besseyia bullii	✓ Lycopodium americanus	Solidago riddellii
Blephilia ciliata	Lysimachia quadrifol.	Solidago serotina
Bouteloua hirsuta	Lythrum alatum	Specularia perfoliata
Brauneria pallida	Muhlenbergia racemosa	Spiranthes ochroleuca
Bromus kalmii	Onoclea sensibilis	Stachys palustris
Cacalia sp. aveolens	Orobanche uniflora	Steironema ciliatum
Cacalia tuberosa	Oxalis violacea	Steironema lanceolatum
Calopogon pulchell. D	Oxybaphus nyctagin.	Steironema quadriflorum
Carex pennsylvan.	Panicum praecocius	Taenioidia integerrima
Castilleja coccinea	Panicum perlongum	Tephrosia virginiana
Castilleja sessilifl.	Parnassia carolin.	Thaspium aureum
Celastrus scandens	Parthenium integrif.	Valeriana edulis
✓ Cicuta maculata	✓ Pedicularis canadens.	Verbena stricta
Cirsium hillii	Pedicularis lanceol.	Veronica fasciculata
Cornus racemosa	Phalaris arundinacea	Vicia americana
Cypripedium candidum	Phlox glaberrima	Vibis sagittata
Cypripedium pubesc.	✓ Polemonium reptans	Zigadenus elegans
		Zizia aptera

Presence List
(Uncommon species)

PRAIRIES

Stand No. 52a

Locality: Magnolia Station

County: Rock

NW 1/4 SW
Sec: 12 T: 3N R: 10E

Date: 7/8/53

Observers: HCG, JTC, Archbald, Bray, Butler

Size of Stand: ca 1/4 mile x 200'

Size of Area Sampled: 30000

Condition of Stand: Fair to good

Along RR.

Type: Wet only

(not including higher area right at crossing)

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	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 philadelph	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 canad	S. vaginiflorus
A. umbellatus	G. grandiflora	✓ P. lanceolata	✓ Stachys palustris
Astragalus candens	Gnaphalium obtusif	Pentstemon digital	Symphoricarpos occ
Blephilia ciliata	Grindelfa 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:

Geum strictum
Aster paniculatus
Carex bicknellii
Rudbeckia laciniata

Data Form No. 35

Plant Ecology Research

Univ. of Wisconsin

Presence or Frequency
(Common species only)

PRAIRIES

Magnolia Station

Stand No. 52a
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

☒ *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: