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Data inadequate

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Prairie Relic Study. III.

Section 9 Township 5N Range 17E County Waukesha Place Scuppernon Prairie
 Date 7/31/47 Observer J.T. Curtis: H.C. Greene
 Habitat Description Low prairie

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

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Additional Species

Asclepias incarnata
Liatris ligulistylis
~~*Polygala senega*~~
Populus tremuloides
Potentilla fruticosa
~~*Rhus radicans*~~
Scleria triglomerata
Solidago riddellii
Steironema quadriflorum

76 on List III
 48 " " IV
 4 extra
 128

Prairie Relic Study. IV.

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A

Section _____ Township 5N Range 17E County Waukesha Place Scuppernon Prairie
Date 7/31/47 Observer J. T. Curtis : H. C. Greene
Habitat Description _____

Low prairie

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

Data Form No. 61

Univ. of Wisconsin

Plant Ecology Research

Stand No:

Continuum Index:

Type:

Location:

T: R: S:

5N 17E 9

County:

Waukesha

Place:

Scuppernon
Prairie

Investigators:

J.T. Curtis
H.C. Greene

Date:

7/31/47

Method of Sampling:

Remarks:

Acalypha virginica	✓	Aster novae-angliae
Acer negundo		Aster oblongifolius
Achillea millefolium	✓	Aster paniculatus
Agropyron smithii		Aster pilosus
Agropyron trachycaulum	✓	Aster ptarmicoides
Aletris farinosa		Aster sagittifolius
Allium canadense		Aster sericeus
Allium cernuum		Aster umbellatus
Ambrosia artemisiifolia	✓	Astragalus canadensis
Ambrosia psilostachya <i>Amorpha</i>	✓	Astragalus caryocarpus
Ambrosia trifida	✓	Baptisia leucantha
Amphicarpa bracteata	✓	Baptisia leucophaea
Anaphalis margaritacea		Betula papyrifera
Andropogon gerardi	✓	Betula sandbergii
Andropogon scoparius	✓	Blephilia ciliata
Anemone canadensis		Bouteloua curtipendula
Anemone cylindrica		Bouteloua hirsuta
Anemone patens		Bromus ciliatus
Anemone quinquefolia	✓	Bromus kalmii
Anemone virginiana		Cacalia atriplicifolia
Angelica atropurpurea		Cacalia suaveolens
Antennaria spp.	✓	Cacalia tuberosa
Apios americana	✓	Calamagrostis canadensis
Apocynum androsaemifolium		Callirhoe triangulata
Apocynum cannabinum	✓	Calopogon pulchellus
Aquilegia canadensis		Caltha palustris
Arabis lyrata		Camassia scilloides
Arenaria lateriflora		Campanula aparinoides
Arenaria stricta		Campanula rotundifolia
Artemisia caudata		Cardamine bulbosa
Artemisia frigida		Carex bicknellii
Artemisia ludoviciana		Carex muhlenbergii
Artemisia serrata		Carex pensylvanica
Asclepias amplexicaulis	✓	Carex vulpinoidea
Asclepias incarnata	✓	Carya ovata
Asclepias lanuginosa		Cassia fasciculata
Asclepias longifolia	✓	Castilleja coccinea
Asclepias ovalifolia		Castilleja sessiliflora
Asclepias purpurascens		Ceanothus americanus
Asclepias sullivantii	✓	Ceanothus ovatus
Asclepias syriaca	✓	Celastrus scandens
Asclepias tuberosa		Celtis occidentalis
Asclepias verticillata	✓	Chelone glabra
Asclepias viridiflora		Chrysopsis villosa
Aster azureus	✓	Cicuta maculata
Aster ericoides	✓	Cirsium discolor
Aster laevis	✓	Cirsium hillii
Aster linariifolius		Cirsium muticum
Aster lucidulus	✓	Cirsium undulatum
		Comandra richardsiana
Depth AO layer	✓	Convolvulus sepium
Depth of soil	✓	Coreopsis palmata
Soil pH		Cornus racemosa
Soil MHC		Cornus stolonifera
Volume Weight	✓	Corylus americana
Calcium %		Crataegus spp.
Potassium %		Cyperus filiculmis
Phosphorus %		Cyperus schweinitzii
Calcium lbs/acre	✓	Cypripedium candidum
Potassium lbs/acre	✓	Cypripedium pubescens
Phosphorus lbs/acre		Delphinium virescens
NH4 lbs/acre	✓	Desmodium canadense
NO3 lbs/acre	✓	Desmodium illinoense
	✓	Dodecatheon meadia
		Draba reptans
		Dryopteris thelypteris

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<i>Echinacea pallida</i>	✓	✓	<i>Lactuca canadensis</i>
<i>Elymus canadensis</i>	✓		<i>Lactuca ludoviciana</i>
<i>Elymus virginicus</i>		✓	<i>Lathyrus ochroleucus</i>
<i>Epilobium adenocaulon</i>		✓	<i>Lathyrus palustris</i>
<i>Equisetum arvense</i>		✓	<i>Lathyrus venosus</i>
<i>Equisetum hyemale</i>			<i>Lechea tenuifolia</i>
<i>Equisetum kansanum</i>	✓		<i>Leersia virginica</i>
<i>Erigeron philadelphicus</i>			<i>Leptoloma cognatum</i>
<i>Erigeron pulchellus</i>		✓	<i>Lespedeza capitata</i>
<i>Erigeron strigosus</i>	✓		<i>Lespedeza violacea</i>
<i>Eriophorum virginicum</i>		✓	<i>Liatris aspera</i>
<i>Eryngium yucifolium</i>	✓		<i>Liatris cylindracea</i>
<i>Eupatorium altissimum</i>		✓	<i>Liatris ligulistylis</i>
<i>Eupatorium maculatum</i>			<i>Liatris punctata</i>
<i>Eupatorium perfoliatum</i>		✓	<i>Liatris pycnostachya</i>
<i>Eupatorium rugosum</i>			<i>Liatris spicata</i>
<i>Euphorbia corollata</i>	✓	✓	<i>Lilium michiganense</i>
<i>Fragaria virginiana</i>	✓	✓	<i>Lilium philadelphicum</i>
<i>Galium boreale</i>	✓		<i>Linum sulcatum</i>
<i>Galium labradoricum</i>			<i>Liparis loeselii</i>
<i>Galium tinctorium</i>		✓	<i>Lithospermum canescens</i>
<i>Gaura biennis</i>			<i>Lithospermum croceum</i>
<i>Gentiana andrewsii</i>	✓		<i>Lithospermum incisum</i>
<i>Gentiana crinita</i>			<i>Lobelia kalmii</i>
<i>Gentiana flavida</i>			<i>Lobelia siphilitica</i>
<i>Gentiana procera</i>		✓	<i>Lobelia spicata</i>
<i>Gentiana puberula</i>		✓	<i>Lupinus perennis</i>
<i>Gentiana quinquefolia</i>			<i>Lycopus americanus</i>
<i>Gentiana saponaria</i>			<i>Lycopus uniflorus</i>
<i>Geranium maculatum</i>	✓		<i>Lysimachia ciliata</i>
<i>Gerardia aspera</i>			<i>Lysimachia lanceolata</i>
<i>Gerardia gattingeri</i>		✓	<i>Lysimachia quadriflora</i>
<i>Gerardia grandiflora</i>			<i>Lysimachia quadrifolia</i>
<i>Geum triflorum</i>	✓	✓	<i>Lythrum alatum</i>
<i>Glyceria striata</i>			<i>Mentha arvensis</i>
<i>Gnaphalium obtusifolium</i>			<i>Mimulus ringens</i>
<i>Grindelia squarrosa</i>			<i>Mirabilis nyctagineus</i>
<i>Habenaria flava</i>		✓	<i>Monarda fistulosa</i>
<i>Habenaria leucophaea</i>			<i>Monarda punctata</i>
<i>Hedeoma hispida</i>			<i>Muhlenbergia cuspidata</i>
<i>Helenium autumnale</i>			<i>Muhlenbergia mexicana</i>
<i>Helianthemum canadense</i>	✓		<i>Muhlenbergia racemosa</i>
<i>Helianthus grosseserratus</i>	✓		<i>Napaea dioica</i>
<i>Helianthus laetiflorus</i>	✓	✓	<i>Oenothera biennis</i>
<i>Helianthus occidentalis</i>	✓		<i>Oenothera perennis</i>
<i>Helianthus strumosus</i>			<i>Oenothera rhombipetala</i>
<i>Helopsis helianthoides</i>			<i>Onoclea sensibilis</i>
<i>Heuchera richardsonii</i>	✓		<i>Onosmodium hispidissimum</i>
<i>Hieracium canadense</i>	✓		<i>Onosmodium occidentale</i>
<i>Hieracium longipilum</i>	✓		<i>Ophioglossum vulgatum</i>
<i>Hierochloa odorata</i>	✓		<i>Opuntia humifusa</i>
<i>Houstonia caerulea</i>			<i>Orobancha fasciculata</i>
<i>Houstonia longifolia</i>			<i>Orobancha uniflora</i>
<i>Hypericum mutilum</i>		✓	<i>Oxalis violacea</i>
<i>Hypericum canadense</i>		✓	<i>Oxypolis rigidior</i>
<i>Hypoxis hirsuta</i>	✓		<i>Panicum implicatum</i>
<i>Hystrix patula</i>		✓	<i>Panicum leibergii</i>
<i>Iris virginica</i>	✓		<i>Panicum oligosanthos</i>
<i>Juncus dudleyi</i>			<i>Panicum perlongum</i>
<i>Juncus tenuis</i>			<i>Panicum praecocius</i>
<i>Juniperus communis</i>			<i>Panicum virgatum</i>
<i>Juniperus virginiana</i>		✓	<i>Parnassia glauca</i>
<i>Koeleria cristata</i>	✓		<i>Parthenium integrifolium</i>
<i>Krigia biflora</i>	✓		<i>Parthenocissus inserta</i>
<i>Krigia virginica</i>		✓	<i>Pedicularis canadensis</i>
<i>Kuhnia eupatorioides</i>	✓		<i>Pedicularis lanceolata</i>

Pentstemon digitalis	✓	Senecio aureus
Pentstemon gracilis		Senecio pauperculus
Pentstemon grandiflorus		Silene antirrhina
Petalostemum candidum	✓	Silene stellata
Petalostemum purpureum	✓	Silphium integrifolium
Petalostemum villosum	✓	Silphium laciniatum
Phalaris arundinacea		Silphium perfoliatum
Phlox glaberrima	✓	Silphium terebinthinaceum
Phlox pilosa	✓	Sisyrinchium campestre
Physalis heterophylla		Sium suave
Physalis subglabrata		Smilacina racemosa
Physalis virginiana	✓	Smilacina stellata
Physocarpus opulifolius		Smilax herbacea
Physostegia virginiana		Solidago altissima
Plantago purshii		Solidago canadensis
Plantago rugelii	✓	Solidago gigantea
Polemonium reptans	✓	Solidago graminifolia
Polygala polygama	✓	Solidago juncea
Polygala sanguinea	✓	Solidago missouriensis
Polygala senega	✓	Solidago nemoralis
Polygala verticillata		Solidago ohioensis
Polygonatum commutatum	✓	Solidago riddellii
Polygonum amphibium	✓	Solidago rigida
Polygonum tenue		Solidago speciosa
Polytaenia nuttallii	✓	Sorghastrum nutans
Populus tremuloides	✓	Spartina pectinata
Potentilla arguta	✓	Specularia perfoliata
Potentilla canadensis	✓	Spiraea alba
Potentilla fruticosa	✓	Spiranthes cernua
Prenanthes alba		Spiranthes gracilis
Prenanthes aspera	✓	Spiranthes ochroleuca
Prenanthes racemosa	✓	Sporobolus asper
Prunella vulgaris	✓	Sporobolus cryptandrus
Prunus americana		Sporobolus heterolepis
Prunus pumila		Sporobolus vaginiflorus
Prunus serotina	✓	Stachys palustris
Prunus virginiana		Stellaria longifolia
Psoralea argophylla	✓	Stipa spartea
Psoralea esculenta		Symphoricarpos occidentalis
Pteridium latiusculum		Taenidia integerrima
Pycnanthemum virginianum	✓	Tephrosia virginiana
Pyrus ioensis		Teucrium canadense
Pyrus melanocarpa	✓	Thalictrum dasycarpum
Quercus macrocarpa	✓	Thaspium aureum
Ranunculus fascicularis		Tofieldia glutinosa
Ranunculus rhomboideus	✓	Tradescantia ohiensis
Ranunculus septentrionalis		Triosteum perfoliatum
Ratibida pinnata	✓	Valeriana ciliata
Rhus glabra	✓	Verbena hastata
Rhus radicans	✓	Verbena stricta
Rosa spp.	✓	Vernonia fasciculata
Rubus spp.	✓	Veronicastrum virginicum
Rudbeckia hirta	✓	Vicia americana
Rudbeckia laciniata		Vicia augustifolia
Rudbeckia subtomentosa		Vicia villosa
Rumex verticillatus		Viola cucullata
Salix humilis		Viola lanceolata
Sanicula gregaria	✓	Viola pedata
Sanicula marilandica	✓	Viola pedatifida
Sanicula sp.	✓	Viola sagittata
Saxifraga pensylvanica	✓	Vitis aestivalis
Scleria triglomerata	✓	Vitis riparia
Scrophularia lanceolata	✓	Wulfenia bullii
Scutellaria epilobiifolia		Xanthoxylum americanum
Scutellaria parvula	✓	Zigadenus elegans
Selaginella apoda	✓	Zizia aptera
Selaginella rupestris	✓	Zizia aurea

Data Form No. 63

Univ. of Wisconsin

Plant Ecology Research

#1