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Site 0038: Dell Prairie, Adams County, Township 14N, Range 6E, Section 10; Township 14N, Range 6E, Section 11. 1936

[s.l.]: [s.n.], 1936

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Prairie Relic Study. III.

Section 10, 11 Township 14 N Range 6 E County Adams Place Dell Prairie
Date 1936 Observer J.W. Thomson
Habitat Description

Sandy soil - roadsides and oak openings

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

Additional Species

19 on List III

5 " " IV

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Prairie Relic Study. IV.

(38)
D

Section 10, 11 Township 14N Range 6E County Adams Place Dell Prairie
Date 1936 Observer J. W. Thomson
Habitat Description

..... Sandy soil - roadsides and oak openings

Acer negundo
Acerates floridana
Acerates lanuginosa
Acerates viridifl.
Agoseris cuspidata
Allium canadense
Allium cernuum
Ambrosia psilostach.
Anemone canadensis
Anemone patens
Anemone quinquef.
Arabis lyrata
Arenaria stricta
Artemisia ludovic.
Asclepias amplexic.
Asclepias ovalifolia
Asclepias purpurasc.
Asclepias sullivant.
✓ Asclepias tuberosa
Aster linariifolius
Aster oblongifolius
Aster pilosus
Aster ptarmicoides
Aster sagittifolius
Astragalus canad.
Aureolaria grandifl.
Besseyia bullii
Blephilia ciliata
✓ Bouteloua hirsuta
Brauneria pallida
Bromus kalmii
Cacalia spaveolens
Cacalia tuberosa
Calopogon pulchell.
Carex pennsylvan.
Castilleja coccinea
Castilleja sessilifl.
Celastrus scandens
Cicuta maculata
Cirsium hillii
Cornus racemosa
Cypripedium candidum
Cypripedium pubesc.

Draba caroliniana
Elymus virginicus
Equisetum arvense
Equisetum hyemale
Erigeron philadelph.
Erigeron pulchellus
Galium tinctorium
Gentiana procera
Gerardia aspera
Habenaria leucophaea
Hedeoma pinnatifida
Helianthus strumosus
Helopsis scabra
Hieracium canadense
✓ Hieracium longipil.
Hierochloa odorata.
Iris virginica
Krigia biflora
Lathyrus ochroleucus
Lathyrus palustris
Liatris spicata
Lilium michiganense
Lilium philadelph.
✓ Linum sulcatum
✓ Lithospermum croceum
Lupinus perennis
Lycopus americanus
Lysimachia quadrifol.
Lythrum alatum
Muhlenbergia racemosa
Onoclea sensibilis
Orobancha uniflora
Oxalis violacea
Oxybaphus nyctagin.
Panicum praecocius
Panicum perlongum
Parnassia carolin.
Parthenium integrif.
Pedicularis canadens.
Pedicularis lanceol.
Phalaris arundinacea
Phlox glaberrima
Polemonium reptans

Polygala senega
Polygala polygama
Polygala sanguinea
Polygala verticillata
Polygonatum commutat.
Polytaenia nuttallii
Populus tremuloides
Prenanthes alba
Prenanthes racemosa
Prunella vulgaris
Psedera quinquefolia
Psoralea esculenta
Pteridium latiusculum
Pyrus ioensis
Rhus radicans
Rudbeckia subtomentosa
Sanicula sp.
Saxifraga pensylvanica
Scutellaria parvula
Senecio aureus
Silene antirrhina
Silene stellata
Silphium perfoliatum
Smilacina racemosa
Solidago altissima
Solidago juncea
Solidago riddellii
Solidago serotina
Specularia perfoliata
Spiranthes ochroleuca
Stachys palustris
Steironema ciliatum
Steironema lanceolatum
Steironema quadriflorum
Taenidia integerrima
Tephrosia virginiana
Thasium aureum
Valeriana edulis
Verbena stricta
Veronica fasciculata
Vicia americana
Vicia sagittata
Zigadenus elegans
Zizia aptera

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	Amorpha ✓	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

Data Form No. 61

Univ. of Wisconsin

Plant Ecology Research

Stand No:

38

Continuum Index:

Type:

Location:

T: R: S:

14N 6E 10,11

County:

Adams

Place:

DeLL Prairie

Investigators:

J.W. Thomson

Date:

1936

Method of Sampling:

Remarks:

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

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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