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Site 0039: Eaton Tp., Adams County, Township 16N, Range 6E, Section 36. 1936

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

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Prairie Relic Study. III.

Section 36 Township 16N Range 6E County Adams Place Eaton Tp.
Date 1936 Observer J.W. Thomson
Habitat Description

.....South slope of sandstone ridge - Oak opening.....

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	✓ Kuhnia 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 nutans
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	Oxyopsis rigidior	✓ Tradescantia ohioensis
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

Ambrosia psilostachya
Bouteloua hirsuta
Chrysopsis villosa?
Juniperus horizontalis
Opuntia fragilis
Sporobolus cryptandrus

21 on List III

5 " " IV

6 extra

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Prairie Relic Study. IV.

Section 36 Township 16N Range 6E County Adams Place Eaton Tp.
Date 1936 Observer J.W. Thomson
Habitat Description

.....South slope of sandstone ridge - oak opening.....

Acer negundo	Draba caroliniana	Polygala senega
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	Helopsis scabra	Pteridium latiusculum
Artemisia ludovic.	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	Solidago altissima..
Aureolaria grandifl.	Lupinus perennis	Solidago juncea
Besseyia bullii	Lycopus 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 snaveolens	Orobanche uniflora	Steironema ciliatum
Cacalia tuberosa	Oxalis violacea	Steironema lanceolatum
Calopogon pulchell.	Oxybaphus nyctagin.	Steironema quadriflorum
Carex pennsylvan.	Panicum praecocius	Taenidia integerrima
Castilleja coccinea	Panicum perlongum	Tephrosia virginiana
Castilleja sessilifl.	Parnassia carolin.	Thasium aureum
Celastrus scandens	Parthenium integrif.	Valeriana edulis
Cicuta maculata	Pedicularis canadens.	Verbena stricta
Cirsium hillii	Pedicularia lanceol.	Veronica fasciculata
Cornus racemosa	Phalaris arundinacea	Vicia americana
Cypripedium candidum	Phlox glaberrima	Vicia sagittata
Cypripedium pubesc.	Polemonium reptans	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 <i>Amarpha</i> ✓		Astragalus caryocarpus
Ambrosia trifida <i>psilostachya</i> ✓	✓	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 muhlbergii
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:

39

Continuum Index:

Type:

Location:

T: R: S:

16N 6E 36

County:

Adams

Place:

Eaton Tp.

Investigators:

D.W. Thomson

Date:

1936

Method of Sampling:

Remarks:

#39

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

#39

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 ohienensis
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