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Site 0042: Welch's Praire, Juneau County, Township 17N, Range 4E, Section 6; Township 17N, Range 4E, Section 7. 1937

[s.l.]: [s.n.], 1937

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Prairie Relic Study. III.

Section 6,7 Township 17N Range 4E County Janeau Place Welch's Prairie
Date 1937 Observer J. W. Thomson
Habitat Description

Sandy

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 androsaenif.	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 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 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
Pinus Banksiana

16 on List III

4 " " IV

2 extra

22

42
D

Prairie Relic Study. IV.

Section 6, 7 Township 17N Range 4E County Juneau Place Welch's Prairie
 Date 1937 Observer J.W. Thomson
 Habitat Description

Sandy

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	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
Blechnum ciliatum	Lysimachia quadrifol.	Solidago serotina
✓Bouteloua hirsuta	Lythrum alatum	Specularia perfoliata
Brauneria pallida	Muhlenbergia racemosa	Spiranthes ochroleuca
Bromus kalmii	Onoclea sensibilis	Stachys palustris
Cacalia snaveolens	Orobancha 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.	Thaspium 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	Viola 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>Amorpha</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 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:

42

Continuum Index:

Type:

Location:

T: R: S:

17N 4E 6,7

County:

Duneau

Place:

Wehah's Prairie

Investigators:

D. W. Thomson

Date:

1937

Method of Sampling:

Remarks:

#42

<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