



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Site 0116: Rewey (along C&NW R.R.), Iowa County, Township 4N, Range 1E, Section 5. 1952-08-16**

[s.l.]: [s.n.], 1952-08-16

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Data Form No. 36

Plant Ecology Research

Univ. of Wisconsin

Presence List  
(Uncommon species)

## PRAIRIES

Stand No.

Locality: Rewey (along C&amp;NW Ry)

County: Iowa

NW &amp; NE

Sec: 5 T: 4N R: 1E

Date: Aug 16, 1952

Observers: HC Greene &amp; JTC

Size of Stand: ca 1 acre

Size of Area Sampled: ca 1/4 acre

Condition of Stand: Very poor - badly disturbed, but still with high quantity of interesting prairie plants

Type: Mesic

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 philadelp	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 canade	S. vaginiflorus
A. umbellatus	G. grandiflora	P. lanceolata	Stachys palustris
Astragalus candens	Gnaphalium obtusif	Pentstemon digital	Symphoricarpos occ
Blephilia ciliata	Grindelia 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:

C1 = 306.7

Data Form No. 35

Plant Ecology Research

Univ. of Wisconsin

Presence or Frequency  
(Common species only)

PRAIRIES

Rewey Aug. 16, 1952

Stand No.  
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 *var. crassifolius*
- 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:

Badly disturbed - Good source of plants, esp. A. laevis  
& Parthenium

Aster laevis present in very large, vigorous, thick leaved form

Stand No:

116

Continuum Index:

Type:

Location:

T: R: S:

4N 1E 5  
NW 1/4 NE

County:

Iowa

Place:

Rewey (along  
C + NW R<sub>4</sub>)

Investigators:

H.C. Greene &  
W.D. Curtis

Date:

Aug 16, 1952

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		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 pennsylvanica
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 richardsoniana
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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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
Heliopsis helianthoides	✓	Onoclea sensibilis
Heuchera richardsonii		Onosmodium hispidissimum
Hieracium canadense		Onosmodium occidentale
Hieracium longipilum		Ophioglossum vulgatum
Hierochloa odorata		Opuntia humifusa
Houstonia caerulea		Orobanche fasciculata
Houstonia longifolia		Orobanche uniflora
Hypericum mutilus		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

# 116

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