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Site 0027: I.C.R.R. right-of-way betw. Paoli and Basco, Dane County, Township 5N, Range 8E, Section 11. 1947-06-26

[s.l.]: [s.n.], 1947-06-26

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Prairie Relic Study. III.

Section 11 Township 5N Range 8E County Dane Place I. C. R. R. right-of-way
 Date 6/26/47 Observer H. C. Greene Betw. Paoli + Basco
 Habitat Description

High prairie, deep soil - cork opening?

- | | | |
|--------------------------------|-------------------------------|---------------------------------|
| ✓ <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>Kuhnia 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 nutens</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>Oxyopsis 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> |

Additional Species

- ✓ *Lechea tenuifolia*
 ✓ *Lysimachia quadrifolia*
 ✓ *Carex muhlenbergii*
 ✓ *Panicum sp.*
 ✓ *Plantago aristata*
 ✓ *Prunus sp.*
 ✓ *Rubus allegheniensis*
 " *occidentalis*
 ✓ *Oxalis stricta*
 ✓ *Viola sp.*
 ✓ *Salix sp.*

60 on List III
 23 " " IV
 10 extra
 93

Prairie Relic Study. IV.

Section _____ Township 5N Range 8E County Dane Place I.C.R.R. right-of-way
Date 6/26/47 Observer H.C. Greene betw. Paoli + Base
Habitat Description

..... High prairie, deep soil - oak opening?

Acer negundo	Draba caroliniana	<u>Polygala senega</u>
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	✓ Solulus 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	Helipsis 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 quadrifl.	Solidago serotina
Bouteloua hirsuta	Lythrum alatum	✓ Specularia perfoliata
Brauneria pallida	Muhlenbergia racemosa	Spiranthes ochroleuca
Bromus kalmii	Onoclea sensibilis	Stachys palustris
Cacalia sp. shaveolens	✓ Orobancha uniflora	✓ Steironema ciliatum
Cacalia tuberosa	✓ Oxalis violacea	Steironema lanceolatum
Calopogon pulchell.	✓ Oxybaphus nyctagin.	Steironema quadriflorum
✓ Carex pennsylvan.	✓ Panicum praecocius	✓ Taeniadia 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	Phaleris arundinacea	✓ Vicia americana
Cypripedium candidum	Phlox glaberrima	Viola sagittata
Cypripedium pubesc.	Polemonium reptans	Zigadenus elegans
		Zizia aptera

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 27
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*
- 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*

• Additional species:

A. sag.

Similar to *Asclepias*

Aster pilosus

Prunella vulgaris

Pauli

- Fragaria virginiana*
- Galium boreale*
- Gentiana andrewsii*
- Gentiana puberula*
- ✓ *Geranium maculatum*
- Geum triflorum* *canadense*
- 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*

Sambucus

Blackberry

Ranunculus

Lysimachia quadrifolia

Galium triflorum

- Physalis subglabrata*
- ✓ *Physalis virginiana*
- Polygala senega*
- Polytaenia nuttallii*
- Potentilla arguta*
- ✓ *Potentilla canadensis simplex*
- Prenanthes racemosa*
- Psoralea esculenta*
- Pycnanthemum virginianum*
- 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*

Pathos
Phytol

P. praecox

L. cal. intermedius

Anem. quinq.

R. alabicus

Hieracium
scabrum