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Site 0013: 1 mile S of Juda on R.R. track, Green County, Township 1N, Range 8E, Section 11. 1947-06

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

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- 8/21/47
(Additions to orig. list)

190.0

(13)
A

Prairie Relic Study. III.

Section 11 Township 1N Range 8E County Green Place 1 mile S of Juda
Date 6/47 Observer J.T. Curtis; H.C. Greene; Fassett's Class on R.R. track
Habitat Description

Low, deep soil, along R.R.

- | | | |
|------------------------|-----------------------|-------------------------|
| 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 leucophaca | 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 | - 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

~~Polygonum~~
Verbena hastata

38 on List III
14 " " IV
1 extra
53

- 8/21/47

(Additions to orig. list)

(13)

A

Prairie Relic Study. IV.

Section 11 Township 1N Range 8E County Green Place 1 mile S of Juda
Date 6/47 Observer J. T. Curtis; H. C. Greene; Fassett's Class on R.R. track.
Habitat Description

Low, deep soil, along R.R.

- | | | |
|-----------------------|-----------------------|---------------------------|
| 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 | Ponulus 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 | Heliphsis 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 sagittifolius | Lilium philadelph. | - Silphium perfoliatum |
| Astragalus canad. | Linum sulcatum | Smilacina racemosa |
| Aureolaria grandifl. | Lithospermum croceum | Solidago altissima |
| Besseyia bullii | Lupinus perennis | Solidago juncea |
| Blechnia ciliata | Lycopus americanus | Solidago riddellii |
| Bouteloua hirsuta | Lysimachia quadrifol. | - Solidago serotina |
| Brauneria pallida | Lythrum alatum | Specularia perfoliata |
| Bromus kalmii | Muhlenbergia racemosa | Spiranthes ochroleuca |
| Cacalia suaveolens | Onoclea sensibilis | - Stachys palustris |
| Cacalia tuberosa | Orobanche uniflora | Steironema ciliatum |
| Calopogon pulchell. | ✓ Oxalis violacea | Steironema lanceolatum |
| Carex pennsylvan. | Oxybaphus nyctagin. | Steironema quadriflorum |
| Castilleja coccinea | Panicum praecocius | Taeniadia integerrima |
| Castilleja sessilifl. | Panicum perlongum | Tephrosia virginiana |
| - Celastrus scandens | Parnassia carolin. | Thasium aureum |
| Cicuta maculata | Parthenium integrif. | Valeriana edulis |
| Cirsium hillii | Pedicularis canadens. | Verbena stricta |
| - Cornus racemosa | Pedicularia lanceol. | Veronia fasciculata |
| Cypripedium candidum | Phalaris arundinacea | Vicia americana |
| Cypripedium pubesc. | Phlox glaberrima | Vicia sagittata |
| | ✓ Polemonium reptans | Zigadenus elegans |
| | | Zizia aptera |

Presence List
(Uncommon species)

PRAIRIES

Stand No. 13b

Locality: Juda

County: Green

Sec: 11 T: 1N R: 8E

Date: June 3, 1955 Observers: H C Greene, R. Bray

Size of Stand: 1 acre along RR track Size of Area Sampled: 1 acre

Condition of Stand: excellent

Type: moist
deep soil

Acer negundo	Celastrus scandens	L. spicata	✓ <i>Frenanthes alba</i>
Agoseris cuspidata	Chrysopsis villosa	Lobelia kalmii	<i>P. aspera</i>
Agropyron subsecun	Cirsium hillii	Lupinus perennis	<i>Prunella vulgaris</i>
Aletris farinosa	C. undulatum	Lycopus americanus	<i>Psoralea argophyll</i>
✓ <i>Allium canadense</i>	Crataegus sp.	L. uniflorus	<i>Pteridium latiuscu</i>
<i>A. cernuum</i>	Cypripedium candid	Lysimachia ciliata	<i>Pyrus ioensis</i>
<i>Amphicarpa monoica</i>	C. pubescens	L. lanceolata	✓ <i>Rudbeckia subtomen</i>
✓ <i>Anemone quinquefol</i>	Draba reptans	L. quadriflora	✓ <i>Sanicula sp. marylandica</i>
<i>A. virginiana</i>	Dryopteris thelypt	L. quadrifolia	<i>Scleria triglomera</i>
<i>Apios americana</i>	Echinacea pallida	Lythrum alatum	<i>Scrophularia lance</i>
<i>Aquilegia canadens</i>	E. virginicus	Mirabilis nyctagin	<i>Selaginella rupest</i>
<i>Arabis lyrata</i>	Equisetum hyemale	Monarda punctata	<i>Senecio aureus</i>
<i>Artemisia ludovici</i>	Erigeron philadelp	Napaea dioica	<i>S. pauperculus</i>
<i>A. serrata</i>	E. pulchellus	Oenothera perennis	<i>Silene antirrhina</i>
<i>Asclepias incarnat</i>	Eupatorium altissi	O. rhombipetala	✓ <i>S. stellata</i>
<i>A. lanuginosa</i>	Galium tinctorium	Onoclea sensibilis	✓ <i>Silphium perfoliat</i>
<i>A. longifolia</i>	Gaura biennis	Orobanche fascicul	✓ <i>Smilacina racemosa</i>
<i>A. ovalifolia</i>	Gentiana crinita	O. uniflora	<i>Solidago riddellii</i>
<i>A. purpurascens</i>	G. flavida	Panicum praecocius	<i>Specularia perfoli</i>
<i>A. sullivantii</i>	G. procera	Parnassia glauca	<i>Spiranthes ochrole</i>
<i>Aster linariifoliu</i>	G. quinquefolia	Parthenium integri	<i>Sporobolus asper</i>
<i>A. pilosus</i>	Gerardia aspera	✓ <i>Parthenocissus ins</i>	<i>S. cryptandrus</i>
✓ <i>A. sagittifolius</i>	G. gattingeri	<i>Pedicularis canade</i>	<i>S. vaginiflorus</i>
<i>A. umbellatus</i>	G. grandiflora	<i>P. lanceolata</i>	<i>Stachys palustris</i>
<i>Astragalus candens</i>	Gnaphalium obtusif	Pentstemon digital	<i>Symphoricarpos occ</i>
<i>Blephilia ciliata</i>	Grindelia squarros	Petalostemum villo	<i>Taenidia integerr</i>
<i>Bromus kalmii</i>	Habenaria leucopha	Phalaris arundinac	<i>Thaspium aureum</i>
<i>Cacalia atriplicif</i>	Hieracium canadens	Phlox glaberrima	<i>Triosteum perfolia</i>
<i>Cacalia suaveolens</i>	Hierochloe odorata	Plantago rugelii	<i>Valeriana ciliata</i>
<i>Callirhoe triangul</i>	Houstonia caerulea	✓ <i>Polemonium reptans</i>	<i>Verbena hastata</i>
<i>Calopogon pulchell</i>	H. longifolium	<i>Polygala polygama</i>	<i>Vernonia fascicula</i>
<i>Carex muhlenbergii</i>	Hystrix patula	<i>P. sanguinea</i>	<i>Vicia angustifolia</i>
<i>C. pensylvanica</i>	Lathyrus ochroleuc	<i>P. verticillata</i>	<i>V. villosa</i>
<i>C. vulpinoidea</i>	Lechea tenuifolia	✓ <i>Polygonatum commut</i>	<i>Viola sagittata</i>
<i>Castilleja coccine</i>	Leptoloma cognatum	<i>Populus tremuloide</i>	<i>Wulfenia bullii</i>
<i>C. sessiliflora</i>	Liatris ligulostyl	<i>Potentilla frutico</i>	<i>Zigadenus elegans</i>
<i>Ceanothus ovatus</i>			

Additional species:

Ribes sp.
Poa pratensis
Prunus virginiana
Smilax herbacea
Dioscorea villosa
Heracleum maximum
Osmorhiza clayton.

Trillium recurvatum
Podophyllum peltatum
Steironema ciliata
Hydrophyllum vir.
Sanguinaria canadense

Ambrosia trifida
Arenaria lateriflora
Urtica dioica

toward upper part
 of slope
Gentiana flavida
Astragalus canad.
Galium concinnum
Artemisia atror.
Polygala seneca

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 136
Quadrat No.

Achillea millefolium	✓ <i>Fragaria virginiana</i>	<i>Physalis subglabrata</i>
Ambrosia artemisifolia	✓ <i>Galium boreale</i>	<i>Physalis virginiana</i>
Ambrosia psilostachya	<i>Gentiana andrewsii</i>	<i>Polygala senega</i>
Amorpha canescens	<i>Gentiana puberula</i>	<i>Polytaenia nuttallii</i>
Andropogon gerardi	✓ <i>Geranium maculatum</i>	<i>Potentilla arguta</i>
Andropogon scoparius	<i>Geum triflorum</i>	<i>Potentilla canadensis</i>
Anemone canadensis	<i>Hedeoma hispida</i>	<i>Prenanthes racemosa</i>
Anemone cylindrica	<i>Helianthemum</i> sp.	<i>Psoralea esculenta</i>
Anemone patens	<i>Helianthus grosseserratus</i>	<i>Pycnanthemum virginicum</i>
Antennaria sp.	<i>Helianthus laetiflorus</i>	<i>Pyrus melanocarpa</i>
✓ <i>Apocynum androsaemifolium</i>	<i>Helianthus occidentalis</i>	✓ <i>Quercus macrocarpa</i>
✓ <i>Apocynum cannabinum</i>	<i>Helianthus strumosus</i>	<i>Ratibida pinnata</i>
<i>Arenaria stricta</i>	✓ <i>Heliopsis helianthoides</i>	<i>Rhus glabra</i>
<i>Artemisia caudata</i>	✓ <i>Heuchera richardsonii</i>	✓ <i>Rhus radicans</i>
<i>Asclepias amplexicaulis</i>	<i>Hieracium longipilum</i>	<i>Rosa</i> sp.
✓ <i>Asclepias syriaca</i>	<i>Hypoxis hirsuta</i>	<i>Rudbeckia hirta</i>
<i>Asclepias tuberosa</i>	<i>Iris virginica</i>	<i>Salix humilis</i>
<i>Asclepias verticillata</i>	<i>Koeleria cristata</i>	<i>Saxifraga pensylvanica</i>
<i>Asclepias viridiflora</i>	<i>Krigia biflora</i>	<i>Scutellaria parvula</i>
<i>Aster azureus</i>	<i>Kuhnia eupatorioides</i>	<i>Silphium integrifolium</i>
<i>Aster ericoides</i>	<i>Lactuca canadensis</i>	<i>Silphium laciniatum</i>
<i>Aster laevis</i>	<i>Lactuca ludoviciana</i>	<i>Silphium terebinthinaceum</i>
✓ <i>Aster novae-angliae</i>	<i>Lathyrus palustris</i>	<i>Sisyrinchium campestre</i>
<i>Aster oblongifolius</i>	<i>Lathyrus venosus</i>	<i>Smilacina stellata</i>
<i>Aster ptarmicoides</i>	<i>Lespedeza capitata</i>	<i>Solidago altissima</i>
<i>Aster sericeus</i>	<i>Liatris aspera</i>	<i>Solidago gigantea</i>
<i>Baptisia leucantha</i>	<i>Liatris cylindracea</i>	<i>Solidago graminifolia</i>
<i>Baptisia leucophaea</i>	<i>Liatris pycnostachya</i>	<i>Solidago juncea</i>
<i>Bouteloua curtipendula</i>	<i>Lilium michiganense</i>	<i>Solidago missouriensis</i>
<i>Bouteloua hirsuta</i>	<i>Lilium philadelphicum</i>	<i>Solidago nemoralis</i>
<i>Cacalia tuberosa</i>	<i>Linum sulcatum</i>	<i>Solidago rigida</i>
<i>Calamagrostis canadensis</i>	<i>Lithospermum canescens</i>	<i>Solidago speciosa</i>
<i>Ceanothus americanus</i>	<i>Lithospermum croceum</i>	<i>Sorghastrum nutans</i>
✓ <i>Cicuta maculata</i>	<i>Lithospermum incisum</i>	<i>Spartina pectinata</i>
<i>Cirsium discolor</i>	<i>Lobelia spicata</i>	<i>Spiraea alba</i>
<i>Comandra richardsiana</i>	✓ <i>Monarda fistulosa</i>	<i>Sporobolus heterolepis</i>
<i>Convolvulus sepium</i>	<i>Muhlenbergia cuspidata</i>	<i>Stipa spartea</i>
<i>Coreopsis palmata</i>	<i>Muhlenbergia racemosa</i>	<i>Tephrosia virginiana</i>
✓ <i>Cornus femina</i>	✓ <i>Oenothera biennis</i>	✓ <i>Thalictrum dasycarpum</i>
✓ <i>Corylus americana</i>	<i>Oxalis violacea</i>	<i>Tradescantia ohioensis</i>
<i>Desmodium canadense</i>	<i>Oxypolis rigidior</i>	<i>Verbena stricta</i>
<i>Desmodium illinoense</i>	<i>Panicum leibergii</i>	✓ <i>Veronicastrum virginicum</i>
<i>Dodecatheon meadia</i>	<i>Panicum oligosanthos</i>	<i>Vicia americana</i>
<i>Elymus canadensis</i>	<i>Panicum perlongum</i>	<i>Viola pedata</i>
<i>Equisetum arvense</i>	<i>Panicum virgatum</i>	<i>Viola pedatifida</i>
<i>Equisetum kansanum</i>	<i>Petalostemum candidum</i>	<i>Vitis vulpina</i>
<i>Erigeron strigosus</i>	<i>Petalostemum purpureum</i>	<i>Zizia aptera</i>
<i>Eryngium yuccifolium</i>	<i>Phlox pilosa</i>	✓ <i>Zizia aurea</i>
<i>Euphorbia corollata</i>	<i>Physalis heterophylla</i>	

Additional species: