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Site 0034: 2 mi. W. of Brodhead on Milw. R.R., Green County, Township 2N, Range 9E, Section 27. 1947-07-05

[s.l.]: [s.n.], 1947-07-05

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-8/21/47

(Additions to orig. list)

- 9/13/48

Substitute 34a

240.8

(34)
A

Prairie Relic Study. III.

Section 27 Township 2N Range 9E County Green Place 2 mi. W. of Bradhead
Date 7/5/47 Observer J.T. Curtis : H.C. Greene on Milw. R.R.
Habitat Description

Deep soil, low to medium high, along RR right-of-way. Soil slightly 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 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 | ✓ Oxypolis rigidior | ✓ Tradescantia ohioensis |
| ✓ Dodecatheon meadia | ✓ Panicum leibergii | ✓ Veronicastrum virgin. |
| ✓ Elymus canadensis | ✓ Panicum scribner. | Viola pedata |
| ✓ Equisetum laevigatum | Panicum virgatum | ✓ Viola petatitida |
| Erigeron ramosus | — Petalostemum can. | Vitis vulpina |
| | | ✓ Zizia aurea |

Additional Species

Artemisia serrata

Muhlenbergia sp.

~~Polypogon monspeliensis~~

Scrophularia (green stem)

Gentiana Saponaria

Gentiana flavida

78 on List III

20 " " IV

3 extra

101

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

(34)

A

Prairie Relic Study. IV.

Section 27 Township 2N Range 9E County Green Place 2 mi W. of Brodhead
Date 7/5/47 Observer J.T. Curtis; H.C. Greene on Milw. R.R.
Habitat Description

Deep soil, low to medium high, along R.R. right-of-way. Soil slightly sandy.

- | | | |
|-----------------------|-------------------------|---------------------------|
| 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 spaveolens | Orobanche uniflora | Steironema ciliatum |
| Cacalia tuberosa | ✓ Oxalis violacea | ✓ Steironema lanceolatum |
| Calopogon pulchell. | ✓ Oxybaphus nyctagin. | Steironema quadriflorum |
| Carex pennsylvan. | Panicum praecoxius | 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 | Viola sagittata |
| Cypripedium pubesc. | Polemonium reptans | Zigadenus elegans |
| | | Zizia aptera |

Presence List
(Uncommon species)

PRAIRIES

Stand No. 34a

Locality: Brodhead

County: Green

SE & SE
Sec: 27 T: 2N R: 9E

Date: July 8, 1953

Observers: Archibald, Bray, Butler, Curtis, Greene

Size of Stand: ca 1/4 mile x 300 ft

Size of Area Sampled: 4 acres

Condition of Stand: Excellent

Type: Wet-Mesic?

<i>Acer negundo</i>	<i>Celastrus scandens</i>	<i>L. spicata</i>	<i>Prenanthes alba</i>
<i>Agoseris cuspidata</i>	<i>Chrysopsis villosa</i>	<i>Lobelia kalmii</i>	<i>P. aspera</i>
<i>Agropyron subsecun</i>	✓ <i>Cirsium hillii</i>	<i>Lupinus perennis</i>	<i>Prunella vulgaris</i>
<i>Aletris farinosa</i>	<i>C. undulatum</i>	<i>Lycopus americanus</i>	<i>Psoralea argophyll</i>
<i>Allium canadense</i>	✓ <i>Crataegus sp.</i>	<i>L. uniflorus</i>	<i>Pteridium latiuscu</i>
<i>A. cernuum</i>	<i>Cypripedium candid</i>	<i>Lysimachia ciliata</i>	<i>Pyrus ioensis</i>
<i>Amphicarpa monoica</i>	<i>C. pubescens</i>	✓ <i>L. lanceolata</i>	<i>Rudbeckia subtomen</i>
✓ <i>Anemone quinquefol</i> 6/55	<i>Draba reptans</i>	✓ <i>L. quadriflora</i>	<i>Sanicula sp.</i>
<i>A. virginiana</i>	<i>Dryopteris thelypt</i>	<i>L. quadrifolia</i>	<i>Scleria triglomera</i>
<i>Apios americana</i>	<i>Echinacea pallida</i>	<i>Lythrum alatum</i>	<i>Scrophularia lance</i>
<i>Aquilegia canadens</i>	<i>E. virginicus</i>	<i>Mirabilis nyctagin</i>	<i>Selaginella rupest</i>
<i>Arabis lyrata</i>	<i>Equisetum hyemale</i>	<i>Monarda punctata</i>	<i>Senecio aureus</i>
<i>Artemisia ludovici</i>	<i>Erigeron philadelph</i>	<i>Napaea dioica</i>	<i>S. pauperculus</i>
<i>A. serrata</i>	<i>E. pulchellus</i>	<i>Oenothera perennis</i>	<i>Silene antirrhina</i>
<i>Asclepias incarnat</i>	<i>Eupatorium altissi</i>	<i>O. rhombipetala</i>	✓ <i>S. stellata</i>
<i>A. lanuginosa</i>	<i>Galium tinctorium</i>	<i>Onoclea sensibilis</i>	<i>Silphium perfoliat</i>
<i>A. longifolia</i>	<i>Gaura biennis</i>	<i>Orobanche fascicul</i>	<i>Smilacina racemosa</i>
<i>A. ovalifolia</i>	<i>Gentiana crinita</i>	<i>O. uniflora</i>	<i>Solidago riddellii</i>
<i>A. purpurascens</i>	✓ <i>G. flavida</i>	<i>Panicum praecocius</i>	<i>Specularia perfoli</i>
<i>A. sullivantii</i>	<i>G. procera</i>	<i>Parnassia glauca</i>	<i>Spiranthes ochrole</i>
<i>Aster linariifoliu</i>	<i>G. quinquefolia</i>	<i>Parthenium integri</i>	<i>Sporobolus asper</i>
<i>A. pilosus</i>	<i>Gerardia aspera</i>	<i>Parthenocissus ins</i>	<i>S. cryptandrus</i>
<i>A. sagittifolius</i>	<i>G. gattereri</i>	<i>Pedicularis canade</i>	<i>S. vaginiflorus</i>
<i>A. umbellatus</i>	<i>G. grandiflora</i>	<i>P. lanceolata</i>	<i>Stachys palustris</i>
<i>Astragalus candens</i>	<i>Gnaphalium obtusif</i>	<i>Pentstemon digital</i>	<i>Symphoricarpos occ</i>
<i>Blephilia ciliata</i>	<i>Grindelia squarros</i>	<i>Petalostemum villo</i>	<i>Taenidia integerri</i>
<i>Bromus kalmii</i>	✓ <i>Habenaria leucopha</i> ca 35 fls	<i>Phalaris arundinac</i>	✓ <i>Thaspium aureum</i>
<i>Cacalia atriplicif</i>	<i>Hieracium canadens</i>	<i>Phlox glaberrima</i>	<i>Triosteum perfolia</i>
<i>Cacalia suaveolens</i>	<i>Hierochloe odorata</i>	<i>Plantago rugelii</i>	<i>Valeriana ciliata</i>
<i>Callirhoe triangul</i>	<i>Houstonia caerulea</i>	<i>Polemonium reptans</i>	<i>Verbena hastata</i>
<i>Calopogon pulchell</i>	<i>H. longifolium</i>	<i>Polygala polygama</i>	<i>Vernonia fascicula</i>
<i>Carex muhlenbergii</i>	<i>Hystrix patula</i>	<i>P. sanguinea</i>	<i>Vicia angustifolia</i>
<i>C. pensylvanica</i>	<i>Lathyrus ochroleuc</i>	<i>P. verticillata</i>	<i>V. villosa</i>
<i>C. vulpinoidea</i>	<i>Lechea tenuifolia</i>	<i>Polygonatum commut</i>	<i>Viola sagittata</i>
<i>Castilleja coccine</i>	<i>Leptoloma cognatum</i>	<i>Populus tremuloide</i>	<i>Wulfenia bullii</i>
<i>C. sessiliflora</i>	<i>Liatris ligulostyl</i>	<i>Potentilla frutico</i>	<i>Zigadenus elegans</i>
<i>Ceanothus ovatus</i>			

Additional species:

Carex Bicknellii
Potentilla simplex
Gentiana saponaria

Quercus velutina 6/55

Data Form No. 35

Plant Ecology Research

Univ. of Wisconsin

Presence or Frequency
(Common species only)

PRAIRIES

Brodhead

Stand No. 34a
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 richardsoniana*
- ✓ *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: