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**Site 0023: SE corner of Grady Tract, U.W.
Arboretum, with the adjacent eastward strip
along C. & N.W.R.R. for 1/4 mile, Dane
County, Township 6N, Range 9E, Section 4.
1944**

[s.l.]: [s.n.], 1944

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Data inadequate

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JTC

23
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Prairie Relic Study. III.

Section 4 Township 6N Range 9E County Dane Place SE corner of Gandy
Date As of 1944 Observer H. C. Greene Tract, U.W. Arboretum, with the
Habitat Description adjacent eastward strip along

.....Medium high to low prairie - mostly somewhat sandy. C+NN.R.R. for 1/4 mile.....

- | | | |
|--------------------------------|-------------------------------|---------------------------------|
| ✓ <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 nutans</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>Oxypolis 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

Agrostis gigantea var. *dispar*
Eragrostis spectabilis
Verbena hastata
Vicia angustifolia
Salix spp.

69 on List III
14 " " IV
5 extra

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Prairie Relic Study. IV.

Section	Township	Range	County	Place
Date	As of 1944	Observer	H.C. Greene	Dane
Habitat	Description			SE corner of Grady Tract, UW Arboretum, with the adjacent eastward strip along C+NNRR for 1/4 mile.
Medium high to low prairie - mostly somewhat sandy.				
Acer negundo		Draba caroliniana		Polygala sanguinea
Acerates floridana		Elymus virginicus		Polygala verticillata
Acerates lanuginosa		Equisetum arvense		Polygonatum commutatum
Acerates viridifl.		Equisetum hyemale		Polytaenia nuttallii
Agoseris cuspidata		Erigeron philadelph.		Populus tremuloides
Allium canadense		Erigeron pulchellus		Prenanthes alba
Allium cernuum		Galium tinctorium		Prenanthes racemosa
Ambrosia psilostach.		Gentiana procera		Prunella vulgaris
Anemone canadensis		Gerardia aspera		Psedera quinquefolia
Anemone patens		Habenaria leucophaea		Psoralea esculenta
Anemone quinquef.		Hedeoma pinnatifida		Pteridium latiusculum
Arabis lyrata		Helianthus strumosus		Pyrus ioensis
Arenaria stricta		Helopsis scabra		Rhus radicans
Artemisia ludovic.		Hieracium canadense		Rudbeckia subtomentosa
Asclepias amplexic.		Hieracium longipil.		Sanicula sp.
Asclepias ovalifolia		Hierochloa odorata.		Saxifraga pennsylvanica
Asclepias purpurasc.		Iris virginica		Scutellaria parvula
Asclepias sullivant.		Krigia biflora		Senecio aureus
Asclepias tuberosa		Lathyrus ochroleucus		Silene antirrhina
Aster linariifolius		Lathyrus palustris		Silene stellata
Aster oblongifolius		Liatris spicata		Silphium perfoliatum
Aster pilosus		Lilium michiganense		Smilacina racemosa
Aster ptarmicoides		Lilium philadelph.		Solidago altissima
Aster sagittifolius		Linum sulcatum		Solidago juncea
Astragalus canad.		Lithospermum croceum		Solidago riddellii
Aureolaria grandifl.		Lupinus perennis		Solidago serotina
Besseyia bullii		Lycopus americanus		Specularia perfoliata
Blephilia ciliata		Lysimachia quadrifol.		Spiranthes ochroleuca
Bouteloua hirsuta		Lythrum alatum		Stachys palustris
Brauneria pallida		Muhlenbergia racemosa		Steironema ciliatum
Bromus kalmii		Onoclea sensibilis		Steironema lanceolatum
Cacalia sp. aveolens		Orobanche uniflora		Steironema quadriflorum
Cacalia tuberosa		Oxalis violacea		Taenioidia integerrima
Calopogon pulchell.		Oxybaphus nyctagin.		Tephrosia virginiana
Carex pennsylvan.		Panicum praecox		Thasium aureum
Castilleja coccinea		Panicum perlongum		Valeriana edulis
Castilleja sessilifl.		Parnassia carolin.		Verbena stricta
Celastrus scandens		Parthenium integrif.		Veronica fasciculata
Cicuta maculata		Pedicularis canadens.		Vicia americana
Cirsium hillii		Pedicularia lanceol.		Viola sagittata
Cornus racemosa		Phalaris arundinacea		Zigadenus elegans
Cypripedium candidum		Phlox glaberrima		Zizia aptera
Cypripedium pubesc.		Polemonium reptans		

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		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:

23

Continuum Index:

Type:

Location:

T: R: S:

6N 9E 4

County:

Dane

Place:

SE corner of Gady
Pract, U.W. Arboretum
with the adjacent
eastward strip
along C & N.N.R.R. for
1/4 mile.

Investigators:

H.C. Greene

Date:

As of 1944

Method of Sampling:

Remarks:

#13

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 mutilum			Oxalis violacea
Hypericum canadense			Oxypolis rigidior
Hypoxis hirsuta	✓		Panicum implicatum
Hystris 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

#23

<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 rhomboideus</i>		✓ <i>Tradescantia ohimensis</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>