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Site 1169: Kenosha County, Township 1N, Range 23E. 1951-08

[s.l.]: [s.n.], 1951-08

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Data Form No. 20 | Plant Ecology Research | Univ. of Wisconsin

STAND RECORD | **FORESTS** | **Stand No.** 1169

Name:
Locality:
County: Kenosha
Date: middle of August 1951
T: 1N R: 23E Sec:
Observers: Bray
Size of Stand:
Size of Area Sampled:
Forest Type: Oak open
Soil Type: sand
Topography: flat
Slope:
Directions

Condition of Stand: good - fair P2 second area sampled; at one time pastured, has since recovered but many prairie herbs never returned so it is open but with mostly woods herbs

P1 - fair - small

Open Grown Trees:
% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

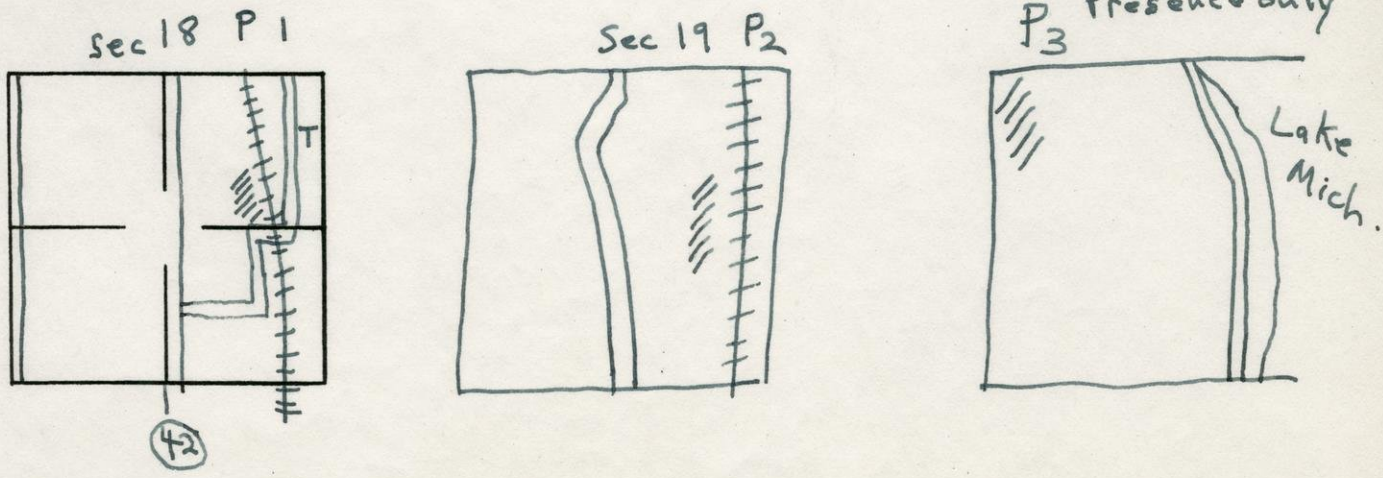
Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.		
Ao											
A1											
A2											
B											

	DEPTH	CHARACTERISTICS (Color, Texture, Structure, etc.)
Ao		
A1		
A2		
B		

Parent Material:

Map:



Data Form No. 24 | Plant Ecology Research | Univ. of Wisconsin

POINT RECORD TREES | SOUTHERN HARDWOODS | Stand No. 1169

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa	40					105	50 180			
Q. rubra										
Q. velutina	150	55 130	60 490	90 130	95 150	100		190 380	220 270	410 480
Tilia amer										
Ulmus amer										
Ulmus fulva										
P1 →								P2 →		
Distance	14½	16	30	33	11	17	20	23½	19	33
	1	2	3	4	5	6	7	1	2	

Data Form No. 24 Plant Ecology Research Univ. of Wisconsin

POINT RECORD TREES SOUTHERN HARDWOODS 2 Stand No. 1169

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot		200								
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	420 360	360								
Tilia amer										
Ulmus amer										
Ulmus fulva										
P2 →										
Distance	50 4	39 5								

PRAIRIE SURVEY

STATION NO.	P1 1	2	3	4	5	6	7	F	P	P2 1	2	3	4	5	P	%							
Acer negundo																							
Acerates floridana																							
A. lanuginosa																							
A. viridiflora																							
Achillea millefoli	✓	✓	✓		✓	✓			✓	✓		✓		✓	✓	66.6							
Agoseris cuspidata																							
Agropyron subsecun																							
Allium canadense																							
A. cernuum															✓								
Ambrosia artemisif															✓								
A. psilostachya										✓					✓	83							
Amorpha canescens																							
Amphicarpa monoica																							
Andropogon furcatu																							
A. scoparius																							
Anemone canadensis																							
A. cylindrica																							
A. patens																							
A. quinquefolia																							
A. virginiana																							
Antennaria sp.																							
Apios tuberosa																							
Apocynum androsaem																							
A. cannabinum																							
Aquilegia canadens																							
Arabis lyrata																							
Arenaria ~~stricta~~ laterifiora				✓	✓				✓							16.6							
Aronia melanocarpa																							
Artemisia caudata																							
A. ludoviciana																							
A. serrata																							
Asclepias amplexic																							
A. incarnata																							
A. ovalifolia																							
A. purpurascens																							
A. sullivantii																							
A. syriaca																							
A. tuberosa																							
A. verticillata																							
Aster azureus																							
A. ericoides				✓					✓	✓	✓	✓	✓	✓	✓	49.9							
A. laevis																							
A. linariifolius																							
A. novae-angliae																							
A. oblongifolius																							
A. pilosus																							
A. ptarmicoides																							
A. sagittifolius	✓			✓					✓			✓		✓	✓	33.3							
A. sericeus																							
A. ~~umbellatus~~ shortii	✓	✓							✓	✓					✓	16.6							
Astragalus candens																							
Aureolaria grandifl																							

PRAIRIE SURVEY TYPE:

STATION NO.	1	2	3	4	5	6	7	F	P	1	2	3	4	5	F	P	T						
Baptisia leucantha																							
B. leucophaea																							
Besseya bullii																							
Blephilia ciliata																							
Bouteloua curtipen																							
B. hirsuta																							
Brauneria pallida																							
Bromus kalmii																							
Cacalia atriplicif																							
Cacalia suaveolens																							
C. tuberosa																							
Calamagrostis cana																							
Callirhoe triangul																							
Calopogon pulchell																							
Carex Muhlenbergii																							
C. pennsylvanica																							
C. vulpinoidea																							
Castilleja coccine																							
C. sessiliflora																							
Ceanothus american									✓							✓							
Celastrus scandens				✓	✓	✓			✓								24.9						
Cicuta maculata																							
Cirsium discolor																							
C. hillii																							
C. undulatum																							
Comandra umbellata	✓								✓								8.3						
Convolvulus sepium																							
Coreopsis palmata																							
Cornus racemosa																							
Corylus americana			✓						✓								8.3						
Crataegus sp.																							
Cypropedium candiu																							
C. pubescens																							
Desmodium canadens																							
D. illinoense																							
Dodecatheon meadia														✓		✓	8.3						
Draba caroliniana																							
Dryopteris thelypt																							
Elymus canadensis																							
E. virginicus																							
Equisetum arvense																							
E. hyemale																							
E. laevigatum																							
Erigeron philadelp																							
E. pulchellus																							
E. ramosus																							
E. yuccifolium																							
Eupatorium altissi																							
Euphorbia corollat									✓							✓							
Fragaria virginian			✓						✓							✓	8.3						
Galium boreale									✓														
G. tinctorium L.																							

PRAIRIE SURVEY TYPE:

STATION NO.	1	2	3	4	5	6	7	F	P	1	2	3	4	5	F	P	T						
Gaura biennis																							
Gentiana andrewsii																							
G. procera																							
G. puberula																							
G. saponaria																							
Geranium maculatum	✓		✓	✓					✓								24.9						
Gerardia aspera																							
G. gattingeri																							
Geum triflorum																							
Gnaphalium obtusif																							
Grindelia squarros																							
Habenaria leucopha																							
Hedeoma hispida																							
Helianthemum sp.																							
Helianthus grosses																							
H. occidentalis																							
H. rigidus																							
H. strumosus	✓	✓	✓	✓		✓	✓		✓	✓						✓	49.9						
Heliopsis scarbra									✓														
Heuchera richardso							✓		✓					✓		✓	16.6						
Hieracium canadens																							
H. longipilum																							
Hierochloe odorata																							
Houstonia caerulea																							
H. longifolium																							
Hypoxis hirsuta																							
Hystrix patula																							
Iris virginica																							
Koeleria cristata																							
Krigia biflora																							
Kuhnia eupatorioi	✓	✓			✓				✓								24.9						
Lactuca canadensis																							
L. ludoviciana																							
Lathyrus ochroleuc																							
L. palustris																							
L. venosus		✓	✓	✓					✓								24.9						
Lechea tenuifolia																							
Leptoloma cognatum																							
Lespedeza capitata							✓		✓	✓						✓	16.6						
Liatris aspera																							
L. cylindracea																							
L. liqulostylis																							
L. pycnostachya																							
L. spicata																							
Lilium michiganens																							
L. philadelphicum																✓							
Linum sulcatum																							
Lithospermum canes																							
L. croceum																							
L. incisum																							
Lobelia Kalmii																							
L. spicata																							

PRAIRIE SURVEY TYPE:

STATION NO.	1	2	3	4	5	6	7	F	P	1	2	3	4	5	F	P	T						
Lupinus perennis																							
Lycopus americanus																							
L. uniflorus																							
Lysimachia quadrif																							
Lythrum alatum																							
Monarda fistulosa			✓		✓				✓					✓		✓	24.9						
Monarda punctata																							
Muhlenbergia racem																							
Napaea dioica																							
Oeonthera biennis																							
O. pumila																							
O. rhombipetala																							
Onoclea sensibilis																							
Orobanche fascicul																							
O. uniflora																							
Oxalis violacea																							
Oxybaphus nyctagin																							
Oxypolis rigidior																							
Panicum leibergii																							
P. perlongum																							
Panicum praecocius																							
P. scribnerianum																							
P. virgatum																							
Parnessia carolini																							
Parthenium integri																							
Pedicularis canade																							
P. lanceolata																							
Pentstemon digital																							
Petalostemum candi																							
P. purpureum																							
Phalaris arundinac																							
Phlox glaberrima																							
P. pilosa																							
Physalis heterophy																							
P. subglabrata																							
P. virginiana											✓					✓	8.3						
Plantago Rugelii																							
Polemonium reptans																							
Polygala polygama																							
P. sanguinea																							
P. senega																							
P. verticillata																							
Polygonatum ~~commut~~ canaliculatum									✓			✓					8.3						
Polytaenia nuttall																							
Populus tremuloide																							
Potentilla arguta																							
Potentilla canaden																							
P. fruticosa																							
Prenanthes alba																							
P. racemosa																							
Prunella vulgaris																							
Psedera vitacea																							

PRAIRIE SURVEY TYPE:

STATION NO.	1	2	3	4	5	6	7	F	P	1	2	3	4	5	F	P	T
Psoralea esculenta																	
Pteridium latiuscu									✓								
Pycnanthemum virgi			✓						✓	✓							16.6
Pyrus ioensis																	
Quercus macrocarpa																	
Ratibida pinnata																✓	
Rhus glabra																	
R. radicans																	
Rosa		✓	✓						✓								16.6
Rudbeckia hirta									✓					✓		✓	8.3
R. subtomentosa																	
Salix sp.									✓								
Sanicula sp.																	
Saxifraga pennsylv																	
Scleria triglomera																	
Scutellaria parvul																	
Selaginella rupest																	
Senecio aureus																	
Silene antirrhina																	
S. stellata																	
Silphium integrifo																	
S. laciniatum																	
S. perfoliatum																	
S. terebinthinaceu																	
Sisyrhincium campe																	
Smilacina stellata		✓					✓		✓							✓	16.6
S. racemosa						✓			✓								8.3
Solidago altissima																	
S. graminifolia																	
S. juncea		✓			✓				✓							✓	16.6
S. missouriensis																	
S. nemoralis	✓								✓				✓			✓	16.6
S. riddellii																	
S. rigida									✓							✓	
S. serotina																	
S. speciosa																	
Sorghastrum nutans																	
Spartina pectinata									✓								
Specularia perfoli																	
Spiraea alba																	
Spiranthes ochrole																	
Sporobolus cryptan																	
S. heterolepis																	
S. vaginiflorus																	
Stachys palustris																	
Steironema ciliatu																	
S. lanceolatum																	
Steironema quadrif																	
Stipa spartea									✓								
Taenidia integerri																	
Tephrosia virginia																	
Thalictrum dasycar							✓		✓								8.3

PRAIRIE SURVEY TYPE:

STATION NO.	1	2	3	4	5	6	7	F	P	1	2	3	4	5	F	P	T
Thaspium aureum																	
Tradescantia ohioe									✓							✓	
Triosteum perfolia																	
Valeriana edulis																	
Verbena hastata																	
V. stricta																	
Vernonia fascicula																	
Veronicastrum virg																✓	
Vicia americana																	
V. angustifolia																	
V. villosa																	
Viola pedata																	
V. petatifida																	
V. sagittata																	
Vitis vulpina									✓							✓	
Zigadenus elegans																	
Zizia aptera																	
Z. aurea																	
Additional sp:																	
Smilax herbacea	✓		✓	✓		✓	✓		✓								41.6
Amphicarpa bract					✓		✓		✓								16.6
Viola cucullata		✓		✓	✓				✓	✓							24.9
Sanicula gregaria				✓	✓	✓			✓								24.9
Silene stellata					✓		✓		✓								16.6
Canada bluegrass										✓	✓	✓	✓				33.3
Rubus ras.sp.									✓					✓			8.3
Potentilla simplex									✓								
Agrimonia gryposepala									✓								
Podophyllum peltatum									✓								

P 1

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Presence or Frequency (Common species only)

PRAIRIES

Stand No. 1169
Quadrat No. 1169

Achillea millefolium 1 2 3 5 6
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 4
Aster laevis
Aster novae-angliae
Aster oblongifolius shortii 2
Aster ptarmicoides sagit 1 4
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana (1)
Convolvulus sepium
Coreopsis palmata
Cornus femina
Corylus americana 3
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata

Fragaria virginiana 3
Galium boreale
Gentiana andrewsii
Gentiana puberula
Geranium maculatum 1 3 4
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus ? 1 3 4 6 7
Heliopsis ~~helianthoides~~ scabra
Heuchera richardsonii 7
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides 1 2 5
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus 2 3 4
Lespedeza capitata 7
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa 3 5
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oeonthera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthes
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Polygonatum canaliculatum

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla ~~canaden~~ simplex
Prenanthes racemosa (?)
Psoralea esculenta
Pycnanthemum virgianum 3
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp. 2 3
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata 1 2 7
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea 2 5
Solidago missouriensis
Solidago nemoralis 1
Solidago rigida
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum 7
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera white flowers?
Zizia aurea

Prenanthes alba Smilacina race 6

Additional species: Smilax herbacea 1 3 4 6 7 Sanicula gregaria 4 5 6
Viola areculata 2 4 5 amplicarpa 5 7 Celastrus scandens 4 5 6
Silene stellata Raspberry Arenaria lateriflora 4 5
Carypteris Bridge 5 7 agrimonia gryp
Phlox divaricata ? Pteridium Podophyllum peltatum

Formerly pastured prairie next to it largely recovered oak open still with some weeds, some intermediate sp.

Data Form No. 35 | Plant Ecology Research | Univ. of Wisconsin

P2

Presence or Frequency (Common species only) | PRAIRIES | Stand No. 1169 Quadrat No. 1169

Achillea millefolium 1 3 5
Ambrosia artemisifolia
Ambrosia psilostachya 1
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 1 2 3 4 5
Aster laevis shortii 1 2
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides sagit 3 5
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 short petioles
Desmodium illinoense
Dodecatheon meadia 4
Elymus canadensis
Equisetum arvense feathery 1, 2
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 1
Heliopsis helianthoides
Heuchera richardsonii 5
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata 1
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense wood lily
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa 5
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oeonthera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthes
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana 2
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canaden
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virgianum 1
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta 5
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 4
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: Canada Blue Grass 1 2 3 4 Raap 5 allium cernuum
Polygonatum canal 3
Carop Silene stellata
Viola cucullata 1

Presence by cos P3

Data Form No. 35 | Plant Ecology Research | Univ. of Wisconsin

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1169
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

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
Oeonthera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii
Panicum oligosanthes
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canaden
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virgianum
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:

Acer negundo			Actaea pacynpoda *
A. rubrum			Actaea rubra
A. saccharum			Adiantum pedatum
Amelanchier sp.			Agastache scrophularioides
Betula lutea			Agrimonia grypsosepala
B. papyrifera			Aletris farinosa
Carpinus caroliniana			Allium canadensis
Carya cordiformis			A. tricoccum
C. ovata			Amorpha canescens
Celtis occidentalis			Amphicarpa bracteata
Crataegus sp.			A. b. v. comosa
Fraxinus americana			Anaphalis margaritacea
F. nigra			Anemone cylindracea
F. pennsylvanica			A. quinquefolia
Gymnocladus dioica			A. virginiana
Juglans cinerea			Anemonella thalictroides
J. nigra			Antennaria sp.
Ostrya virginiana			Aplectrum hiemale
Populus grandidentata			Apocynum androsaemifolium
P. tremuloides			Aquilegia canadensis
Prunus americana			Arabis canadensis
P. nigra			A. laevigata
P. pensylvanica			A. lyrata
P. serotina			A. perstellata
P. virginiana			Aralia hispida
Quercus alba			Aralia nudicaulis
Q. bicolor			A. racemosa
Q. ellipsoidalis			Arenaria lateriflora
Q. macrocarpa	42.4		Arisaema atrorubens
Q. rubra			A. dracontium
Q. velutina	27.9		Asarum canadensis
Tilia americana			Asclepias ovalifolia
Ulmus americana			A. phytolaccoides *
U. fulva *			Aster azureus
U. thomasii			A. lateriflorus
			A. macrophyllus
			A. paniculatus *
			A. Prenanthoides
			A. sagittifolius
			A. shortii
			Athyrium angust. *
			A. pycnocaroon
			A. thelypteris
			Aureolaria gran. *
			Besseya bullii *
			Boehmeria cylindracea
			Botrychium multifidum
			v. intermedium
			B. virginianum
			Brachyelytrum erectum
			Bromus purgans
			Campanula americana
Depth A0 layer			Camptosorus rhizophyllus
Depth A1 layer			Carex albursina
Depth A2 layer			C. convoluta
Soil pH			C. pensylvanica
Soil MHC			Castilleja coccinea
Specific Gravity			Caulophyllus thalictroides
Calcium lbs/acre			Ceanothus americanus
Magnesium lbs/acre			Celastrus scandens
Phosphorus lbs/acre			Chimaphila umbellata
Potassium lbs/acre			Circaea alpina
Organic Matter %			Circaea latifolia *

Data Form No. 42

Univ. of Wisconsin

Stand No: 1169

Continuum Index: ~~57~~ 649

Type: Black oak opening

Location
T: 1N R: 23ES:

County: Kenosha

Place:

Investigators:
Bray

Date: 8/51

Method of Sampling:
50 PT. + 7 PT.
12 1m. Quadrats

Remarks:

* means name has since been changed.