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Site 4114: Sullivan , Jefferson County, Township 6N, Range 16E, Section 5. 1954-07-09

[s.l.]: [s.n.], 1954-07-09

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STAND RECORD

FORESTS

Stand No. 4114

Name: Sullivan

County: Jefferson

Date: July 9, 1954

Size of Stand: 10A

Forest Type: Bottomland Hardwoods

Topography: Gentle slopes bordering marsh

Condition of Stand: Good. Old cutting. Few trees knocked over by wind.

Locality:

T: 6N

R: 16E

Sec: 5

Observers: Ware, Anderson

Size of Area Sampled: 10A

Soil Type:

Slope:

Directions

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.
A ₀									
A ₁									
A ₂									
B									

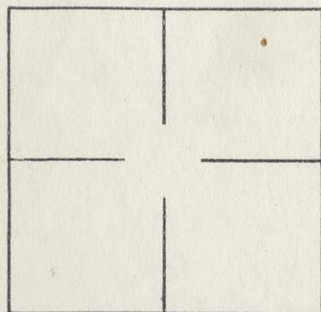
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



①

1-10 along 1 line; 1-20 along another (slightly higher)

Data Form No. 39
POINT RECORD TREES

21-30-3rd line
Plant Ecology Research
FLOOD-PLAIN HARDWOODS

Univ. of Wisconsin
Stand No. 4114

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
✓ A. saccharum	2	2			1	190	150	2		2
Betula nigra										
Carya cordiformis										
✓ Celtis occident.										
Crataegus sp.										
✓ Fraxinus americ.		1				140	230			
✓ F. nigra			1					70 90		
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
✓ Prunus serotina										
Quercus bicolor										
✓ Q. rubra										
Robinia pseudo.										
Salix nigra		240 110 110 75								
✓ Tilia americana		1	170	2		3	1	1		120 200
✓ Ulmus americana	140	210	85	60	180	1			430	
✓ U. rubra	110	1			110	190 140				
✓ Ostrya				30			1			
Q. alba										
Distance	26	23	13	15	15	21	10	18	24	11

✓ Ostrya
✓ Carpinus

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer negundo</i>										
<i>A. saccharinum</i>										
<i>A. saccharum</i>	30	4	✓	1			1	25	1	2
<i>Betula nigra</i>										
<i>Carya cordiformis</i>										
<i>Celtis occident.</i>										
<i>Crataegus sp.</i>										
<i>Fraxinus americ.</i>	100		190	190	180	70				65
<i>F. nigra</i>	180	55 150					35			
<i>F. pensylvanica</i>										
<i>Gleditsia triacan.</i>										
<i>Gymnocladus dioica</i>										
<i>Juglans cinerea</i>										
<i>Platanus occident.</i>										
<i>Populus deltoides</i>										
<i>P. tremuloides</i>										
✓ <i>Prunus serotina</i>								1		
<i>Quercus bicolor</i>										
<i>Q. rubra</i>										
<i>Robinia pseudo.</i>										
<i>Salix nigra</i>										
<i>Tilia americana</i>		2	85	3	70	2	80	1	95	75
<i>Ulmus americana</i>										
						300		75		230
<i>U. rubra</i>			120						120	
<i>Ostrya</i>				1			1			
<i>Carpinus</i>										
Distance	10	9	16	21	22	17	13	10	14	9

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer negundo															
A. saccharinum															
A. saccharum	55	1	2	4	1	2	4	35 90	4	15	3	40 45	4	45	4
Betula nigra															
Carya cordiformis															
Celtis occidental.															
Crataegus sp.															
Fraxinus americ.				45	55	140								250	
F. nigra															
F. pensylvanica															
Gleditsia triacan.															
Gymnocladus dioica															
Juglans cinerea															
Platanus occident.															
Populus deltoides															
P. tremuloides															
Prunus serotina															
Quercus bicolor															
Q. rubra															
Robinia pseudo.															
Salix nigra															
Tilia americana		1			1		80								
Ulmus americana	120	1	2	35											
U. rubra		70 290	140	200	45			130							
Ostrya						1									
Distance	12	19	13	25	12	12	17	16	8	14					

Data Form No. 39
POINT RECORD TREES

Plant Ecology Research
FLOOD-PLAIN HARDWOODS

Univ. of Wisconsin
Stand No. 4

[illegible]

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

PRESENCE

Adiantum pedatum
Agrimonia grypsosepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Uvularia grand

Botrychium virg

Polygonatum pubesc

Camelophyllum thal.

orchis spectabile

Presence List
(Uncommon species)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

PRESENCE

Acorus calamus
Actaea pachypoda
Actaea rubra
Agastache scrophulariaefolia
Agropyron trachycaulum
Alisma subcordatum
Alnus incana
Alnus rugosa
Ambrosia trifida
Amorpha fruticosa
Anemone quinquefolia
Anemonella thalictroides
Angelica atropurpurea
Apios americana
Aralia hispida
Aralia racemosa
Asclepias incarnata
Aster cordifolius
Aster sagittifolius
Aster shortii
Bidens connata
Bidens coronata
Bidens frondosa
Bidens vulgata
Botrychium virginianum
Bromus purgans
Calamagrostis canadensis
Carex albursina
Carex alopecoidea
Carex convoluta
Carex cristata
Carex grisea
Carex laxiflora
Carex molesta
Carex muskingumensis
Carex pensylvanica
Carex projecta
Carex stipata
Carex tribuloides
Carex typhina
Carex vesicaria
Cassia marilandica
Chaerophyllum thalictroides
Galastrus scandens
Chaerophyllum procumbens
Chelone glabra
Cicuta bulbifera
Circaea alpina
Clematis virginiana
Clintonia borealis

Comandra umbellata
Cornus alternifolia
Cuscuta sp.
Dentaria laciniata
Desmodium nudiflorum
Dicentra cucullaria
Diervilla lonicera
Dryopteris cristata
Dryopteris spinulosa
Dryopteris thelypteris
Ellisia nyctelea
Elymus virginicus
Epilobium palustre
Equisetum arvense
Equisetum hyemale
Erigeron philadelphicus
Erigeron pulchellus
Erythronium albidum
Eupatorium perfoliatum
Eupatorium purpureum
Eupatorium rugosum
Euonymus atropurpureus
Festuca obtusa
Fragaria vesca
Galium tinctorium
Gerardia gradiflora
Geum strictum
Hackelia virginica
Helenium autumnale
Helianthus strumosus
Hepatica acutiloba
Heracleum maximum
Hydrophyllum appendiculatum
Hypericum ascyron
Hypericum pyramidatum
Hystrix patula
Impatiens pallida
Iris versicolor
Isopyrum biternatum
Juncus tenuis
Lactuca canadensis
Lilium michiganense
Lilium philadelphicum
Lilium superbum
Lippia lanceolata
Lonicera prolifera
Maianthemum canadense
Mentha arvensis
Mertensia virginica
Mimulus ringens

Mitella diphylla
Monarda fistulosa
Muhlenbergia sp.
Napaea dioica
Nepeta hederacea
Oryzopsis racemosa
Osmunda cinnamomea
Osmunda regalis
Oxalis europaea
Oxalis stricta
Parietaria pensylvanica
Phalaris arundinacea
Phlox pilosa
Physocarpus opulifolius
Pilea pumila
Poa palustris
Polygonatum biflorum
Polygonatum pubescens
Polygonum hydropiper
Polygonum sagittatum
Pteridium aquilinum
Ranunculus recurvatus
Ratibida pinnata
Rubus allegheniensis
Rubus occidentalis
Rumex altissimus
Salix amygdaloides
Salix interior
Sanicula marilandica
Saxifraga pensylvanica
Scutellaria lateriflora
Senecio aureus
Silphium perfoliatum
Sium suave
Solidago gigantea
Solidago ulmifolia
Spiraea alba
Staphylea trifolia
Stellaria longifolia
Symplocarpus foetida
Trientalis borealis
Trillium grandiflorum
Trillium recurvatum
Triosteum perfoliatum
Urtica dioica
Uvularia grandiflora
Vernonia fasciculata
Viola renifolia
Zizia aurea

Additional Species:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

1-5
Adiantum pedatum 4
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata 45
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens 124
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrum filix-femina
Athyrum thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata 35
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa 25
Echinocystis lobata
Fragaria virginiana 4
Galium aparine
Galium concinnum 12345
Galium obtusum
Galium triflorum 15
Geranium maculatum
Geum canadense 23
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni 345
Osmorhiza longistylis
Parthenocissus inserta 3
Phlox divaricata
Phryma leptostachya 245
Physostegia virginiana
Podophyllum peltatum 45
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 14
Smilacina racemosa 2345
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum 12
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata 13
Viola pubescens 25
Vitis riparia
Zanthoxylum americanum 124

Additional species:

Solidago gigantea 15
Rubus black 1345
Carex rosea 125
Mianthemum 1
Botrychium virginicum 2

Carex blanda 24
Caulophyllum thalictroides 3
Anger maple seed 45
Box wood seedling 5

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

6-10

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata 25
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrum filix-femina
Athyrum thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata 13
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum 5
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni 12345
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum 13
Polemonium reptans

Polygonatum ^{pubera} canaliculatum 2345
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 95
Smilacina racemosa 3-45
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum 12
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens 2345
Vitis riparia
Zanthoxylum americanum

Additional species:

Oryzopsis racemosa 13

Chenopodium 3

Amorpha canescens 13
Uvularia grandiflora 9

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

11-15
Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata 14
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora 234
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrum filix-femina
Athyrum thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata 1235
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis 35
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum 13
Galium obtusum
Galium triflorum 235
Geranium maculatum
Geum canadense 4
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis 235
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 4
Phlox divaricata
Phryma leptostachya 2
Physostegia virginiana
Podophyllum peltatum 1
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus 4
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis 4
Sanguinaria canadensis
Sanicula gregaria 13
Smilacina racemosa 125
Smilacina stellata
Smilax ecirrhata 3
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens 12345
Vitis riparia
Zanthoxylum americanum

Additional species:

sugar maple seedling 1

grey ash seedling 1

Ostrya racemosa 1 ✓ 4

Carex blanda 3

burdock seedling 4

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4114
Quadrat No.

15-20
Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata 12345
Anemone canadensis 15
Anemone virginiana 15
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens 35
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrum filix-femina
Athyrum thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata 1245
Circaea quadrisulcata 1245
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa 2
Echinocystis lobata
Fragaria virginiana 2
Galium aparine
Galium concinnum 1235
Galium obtusum
Galium triflorum 35
Geranium maculatum
Geum canadense 1345
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis 4
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni 12345
Osmorhiza longistylis 145
Parthenocissus inserta 5
Phlox divaricata
Phryma leptostachya 5
Physostegia virginiana
Podophyllum peltatum 1
Polemonium reptans

Polygonatum cephaliculatum
Prenanthes alba
Ranunculus abortivus 3
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense 1
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 125
Smilacina racemosa 2
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia 1
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata 2
Viola pubescens 1345
Vitis riparia
Zanthoxylum americanum

Additional species:

Rubus glaberrimus 13

Crataegus 1

M. inthem 123

arsan myle seed 15

Carex blanda
white leaf 1

Urtica dioica 3

red oak seedling 4

Uvularia grandiflora 5

Carlophyll 5