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Site 4017: Ferry Bluff, Sauk County, Township 9N, Range 6E, Section 21. 1950-08-03

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No.

Name: *Ferry Bluff*County: *Sauk*Date: *Aug 3-4 '50*

Size of Stand:

Forest Type: *Bottomland Hardwood*Topography: *flat*

Locality:

T: *9 N*R: *6 E*Sec: *2 1*Observers: *Dietz & Dietz*

Size of Area Sampled:

Soil Type: *alluvial silt; sandy*

Slope:

Directions

Condition of Stand:

Good; not pastured recently (or heavily)

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

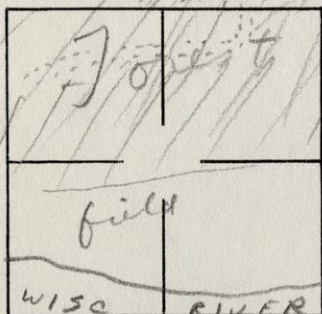
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	_____	-----
A ₁	_____	-----
A ₂	_____	-----
B	_____	-----

Parent Material:

Grass / swamp
Road peters out abt 1/2 mi from gate
Barbed wire fence

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula ^{nigra} pauciflora			120 $\frac{5}{2}$		265		230 $\frac{2}{2}$		225 $\frac{2}{2}$	
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand ^{Fraxinus}			1	2	4	2				1
Fraxinus am	490								2	1
F. nigra										
Juglans cin										
J. nigra										
Ostrya virgin ^{alba}		1								
Populus gran										
P. tremul										
Prunus serot										
Quercus alba ^{bicolor}	120 $\frac{60}{60}$	105	3 150	16 $\frac{57}{57}$	29	40	45	60 $\frac{2}{2}$	95	65
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva				2		85		2		
A. saccharinum		1	1					2 50	55	
Distance	33	39	40	19 $\frac{1}{2}$	48 $\frac{1}{2}$	39 $\frac{1}{2}$	21	10	27	23

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula ^{nigra} papy.				2		120	2	✓ 40		✓ 1
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fraxinus pennsylv Fagus grand										
Fraxinus am										
F. nigra	30	22 24	2	23	1	✓	2	75 2	18 23	32
Juglans cin										
J. nigra										
Alb. leucost Ostrya virg							✓			
Populus gran										
P. tremul										
Prunus serot										
Quercus ^{bicolor} alba	✓ 2		2	50	3	80	✓		90	✓
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer	315	✓ 52								350
Ulmus amer										
Ulmus fulva										246
Ulmus saccharinum				85	1	47 150	1			
Distance	28	10 1/2	13	20	16	34	18	23	37	34

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula ^{nigra} papy.	37	40/55	140			95			120/45	
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand ^{Frax pennsylv}										
Fraxinus am										
F. nigra			135			110	33			85
Juglans cin										
J. nigra										
Ostrya vrig										
Populus gran										
P. tremul										
Prunus serot										
Quercus ^{bicolor} alba					125		115			
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva				60				105		
A. saccharinum	115			110	120			230		310
Distance	26	38	14	32	20	25	55	46	11 1/2	16

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papyr ^{nigra}			65 28	65						
Carpinus car										
Carya cord										
C. ovata	95									
Celtis occ										
Crataegus sp.										
Fagus grand ^{Fraxinus pennsylv}					95					
Fraxinus am										
F. nigra		125		95			65	35		90
Juglans cin										
J. nigra										
Ostrya vrig										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba ^{bicolor}								80		120
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer						265 115	115			
Ulmus amer										
Ulmus fulva									70	
Acer saccharin	45	45			85				35	
Distance	29	16	33	39	17 1/2	24	42	26	19	28

Course 260° Interval 50°

PRESENCE LIST

SOUTHERN FLOODPLAIN FOREST

Stand No.

3 Aug
Ferry Bluff

Acer negundo
Acer rubrum
Acer saccharinum
Acer saccharum
Betula lutea
Betula nigra
Carya cordiformis
Carya ovata
Celtis occidentalis
Crataegus
Fraxinus americana
Fraxinus nigra

Fraxinus pennsylvanica
Fraxinus lanceolata
Fraxinus quadrangulata
Gleditsia triacanthos
Gymnocladus dioica
Juglans cinerea
Juglans nigra
Ostrya virginiana
Platanus occidentalis
Populus deltoides
Populus tremuloides
Prunus serotina

Prunus virginiana
Quercus alba
Quercus bicolor
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Robinia pseudoacacia
Salix nigra
Tilia americana
Ulmus americana
Ulmus fulva

HERBS & SHRUBS

Acorus calamus
Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Alisma plantago-aquatica
Allium canadense
Alnus incana
Alnus rugosa
Ambrosia trifida
Amorpha fruticosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Anemone virginiana
Anemonella thalictroides
Apios tuberosa
Aralia nudicaulis
Aralia racemosa
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Asclepias incarnata
Aster lateriflorus
Aster paniculatus
Athyrium angustum
Aureolaria grandiflora
Bidens coronata
Bidens vulgata
Botrychium virginianum
Brachyelytrum erectum
Bromus purgans
Caltha palustris
Campanula americana
Carex grayii
Cassia marilandica
Caulophyllum thalictroides
Cephalanthus occidentalis
Cheiropphyllum procumbens
Chelone glabra
Cicuta maculata

Circaea latifolia
Cirsium altissimum
Clematis virginiana
Comandra umbellata
Convolvulus sepium
Cornus alternifolia
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera
Corylus americana
Cryptotaenia canadensis
Cuscuta sp.
Dentaria laciniata
Desmodium glutinosum
Dicentra cucullaria
Dioscorea villosa
Dryopteris thelypteris
Echinocystis lobata
Ellisia nyctelea
Elymus virginicus
Epilobium palustris
Erythronium albidum
Eupatorium purpureum
Eupatorium rugosum
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Geum strictum
Glyceria nervata
Helianthus strumosus
Hepatica acutiloba
Hydrophyllum appendiculatum
Hydrophyllum virginianum
Hypericum ascyron
Hystrix patula
Ilex verticillata

Impatiens biflora
Iris virginica
Juncus tenuis
Lactuca spicata
Laportea canadensis
Leersia oryzoides
Lilium philadelphicum
Lippia lanceolata
Lobelia cardinalis
Lonicera prolifera
Lycopus americana
Lycopus uniflorus
Menispermum canadense
Muhlenbergia sp.
Napaea dioica
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Osmunda regalis
Parietaria pennsylvanica
Parthenocissus vitacea
Phlox divaricata
Phryma leptostachya
Physocarpus opulifolius
Physostegia virginiana
Pilea pumila
Podophyllum peltatum
Polemonum reptans
Polygonatum commutatum
Polygonum sagittatum
Polygonum virginianum
Prenanthes alba
Ranunculus abortivus
Ranunculus recurvatus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa palustris
Rubus allegheniensis

Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
Sanicula marilandica
Scutellaria lateriflora
Senecio aureus
Silphium perfoliatum
Sium suave
Smilacina racemosa
Smilacina stellata

Smilax ecirrhata
✓ Smilax herbacea
Smilax hispida
Solidago gigantea
Solidago ulmifolia
Stachys palustris
Staphylea trifolia
✓ Steironema ciliata
Stellaria longifolia
✓ Teucrium canadense
✓ Thalictrum dasycarpum
✓ Thalictrum dioicum

Trillium flexipes
Trillium grandiflorum
Trillium recurvatum
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginianum
✓ Viburnum lentago
✓ Viola cucullata
Viola pubescens
✓ Vitis riparia
Zanthoxylum americanum

Additional species:

Opalis stricta
Phlox pilularis
Poa sp
Carex crinita
Vernonia sp
Salix tuckermanni
Eromyza atrorubra (Linn.)
Pteridium aquilinum
Rubus
Viburnum