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Site 1821: Green County, Township 4N, Range 6E, Section 7. 1957-09-03

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1824

Name:
County: Green
Date: Sept 3, 57
Size of Stand: 15
Forest Type: oak
Topography: Ridge top

Locality:
T: 4N R: 6E Sec: 37
Observers:
Size of Area Sampled: 15
Soil Type:
Slope: 15° Directions: S. slope

Condition of Stand: Good not grazed this year

Open Grown Trees:
Stumps:
1. 4.
2. 5.
3. 6.

% Canopy:
7. 10.
8. 11.
9. 12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

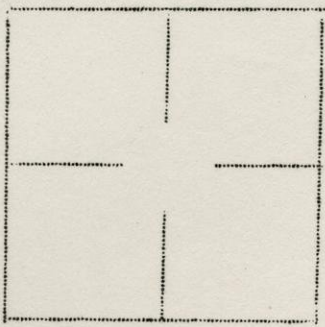
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	0-1	grass leaf litter
A ₁	1/2	black clay loam compact
A ₂	1	yellow brown
B	↓	yellow

Parent Material:

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 182

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord	1							2		
C. ovata	1	1	1	1						
Celtis occ										
Crataegus sp.	1	1		1			3			1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra						1	1	1		1
Ostrya virg										
Populus gran										
P. tremul	1									
Prunus serot	1	2	2		1					
Quercus alba	420 120	65	120				340	340 160		100
Q. ellipsoid										
Q. macrocarpa	60 95	70 85	65 35	1 120 35 30 90	1 140 40 80	3 75 80 25 170	440 35 60	100	1 30 180 170	1 110 180 30
Q. rubra										
Q. velutina		140	140					120		
Tilia amer										
Ulmus amer										
Ulmus fulva							1			1
Juniper							1			1 2
	30,40 40,40	75,60 35,25	60,55 60,80	10,45 60	75,30 60,45	8,30 25	10,60 15,30	50,90 15,90	10,30 16	60,60 35,54
Distance	11,18 15,19	20,50 48,25	35,42 25,24	10,25 10,32	11,8 15,15	10,5 17,15	11,13 80,25	13,40 21,21	3,10 17,11	8,22 27,28
	170	6	0	50	85	0	0	25	35	60

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord			1	1						
C. ovata								120	40	
Celtis occ										
Crataegus sp.	2	1	3	2	2	1	2	2	1	1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										2
P. tremul										
Prunus serot	2	1							1	1
Quercus alba			460							
Q. ellipsoid										
Q. macrocarpa	340 65 120	150 35 100	35 40 100	60 40 40	100 110 35 60	85 100 400 220	70 130 130 25	80 92 65	35 30 30	16 30
Q. rubra				35	60	220	25			
Q. velutina	160									560 180
Tilia amer										
Ulmus amer										
Ulmus fulva		1		1	2	3	1	1	2	
Pyrus		25	1							
	40, 10 12, 35	10, 30 15, 40	25, 10 10, 30	15, 25 15, 30	10, 12 25, 40	25, 30 45, 35	20, 25 10, 30	10, 30 60, 50	40, 35 30, 30	10, 30 35, 40
Distance	13, 14 24, 15	12, 14 13, 11	25, 25 11, 20	5, 30 17, 22	10, 37 31, 13	14, 50 25, 32	8, 30 20, 10	15, 11 18, 21	23, 20 16, 17	12, 17 14, 18
	0	50	70	46	60	75	80	0	0	15

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1821

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata		110								
Celtis occ										
Crataegus sp.	1	1		1	1			1	1	
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra		2	4	3	1	2	2	2	1	
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot			95	120 75	160		140	140	1	2
Quercus alba		140 120	180	160		140	140	220	100 230	360 100 120
Q. ellipsoid										
Q. macrocarpa	160 140 120 185	2 160	1 120 110	180	520					80
Q. rubra										
Q. velutina					70	80	120	180 140	140 140	
Tilia amer										
Ulmus amer										
Ulmus fulva										
Acer negundo					35	100 90	70			
	30,60 60	30,17 25,17	10,15 25,30	8,35 40,50	60,41	53 75	8,10 30	55,20 55,15	20,40 35,45	
Distance	40,92 8,40	50,42 8,19	53,20 20,18	35,40 35,24	38,35 24,22	16,14 38,78	16,45 28,60	16,30 75,38	60,14 22,42	10,20 45,35
	15	95	0	15	15	95	75	90	0	0

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1821

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.		1	1					1		2
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot								1	3	2
Quercus alba	60	80								
Q. ellipsoid										
Q. macrocarpa	70 85 65	100	3 15 30 30 100	3 25 180 75 100	2 280 185 100	1 18 85 65	1 130 25 80 67	1 100 50 40 55	1 100 145 120 20	1 60 90 70 100
Q. rubra										
Q. velutina		140 65					65			
Tilia amer										
Ulmus amer										
Ulmus fulva				1	1	1			1	
		40,30 2586	17,3 35,20	34,5 35	70,8	40,60	45	30,18 25	8,15 12,30	16,45 30,70
Distance	21,17 30,25	20,25 8,35	11,16 8,18	14,14 14,13	8,18 9,25	8,14 17,50	28,12 8,50	20,35 20,10	10,7,8 28,	22,21 20,19
	0	80	60	85	40	90	75	80	90	36

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1821

Ambrosia artemisiifolia 34, 10

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum 3

Chenopodium hybridum

Cirsium arvense 135

C. discolor

Corax stolonifera

Dioscorea villosa

Alnus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina 6, 9

Milium effusum

Muhlenbergia schreberi 23 45

Oxalis stricta

Panicum leibergii

Black locust 7

Verbascum thapsus

Physalis heterophylla

Pilea pumila 3

Plantago sp. 23 59, 10

Plantago lanceolata 3

Poa compressa

P. pratense 123 456 89, 10

Polygonum convolvulus 4

P. hydropiper

Prunella vulgaris 7

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 12345

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 1235689, 10

Trifolium hybridum 1349

T. pratense.

Daucus carota 56

Ascypha virginica 5 8

A. 5

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda	Eupatorium rugosum	Polygonatum canaliculatum
Adiantum pedatum	Festuca obtusa	Polygonatum pubescens
Agrimonia gryposepala	Fragaria virginiana 35789, 10	Potentilla simplex
Allium tricoccum	Galium aparine	Prenanthes alba
Amphicarpa braceata 10	G. circaezans	Pteridium aquilinum
Anemone quinquefolia	G. concinnum	Pyrola elliptica
A. virginiana	G. lanceolatum	Ranunculus abortivus 6 9
Anemonella thalictroides	G. triflorum	R. recurvatus
Antennaria sp. 10	Geranium maculatum	R. septentrionalis
Aplectrum hiemale	Gerardia grandiflora	Rhus radicans
Apocynum androsaemifolium	Geum canadense	Ribes americanum
Aquilegia canadensis	Goodyera pubescens	R. cynosbati
Aralia nudicaulis	Habenaria bracteata	R. missouriense
A. racemosa	Hackelia virginica	Rosa sp.
Arenaria lateriflora	Hamamelis virginiana	Rubus allegheniensis
Arisaema atrorubens	Helianthus strumosus	R. occidentalis
Asarum canadense	Hepatica acutiloba	R. strigosus
Aster macrophyllus	Heuchera richardsonii	Sambucus canadensis 4
A. sagittifolius 6	Hydrastis canadensis	Sanguinaria canadensis
A. shortii 7	Hydrophyllum virginianum	Sanicula gregaria
Athyrium filix-femina	Hystrix patula	S. marilandica
Botrychium virginianum	Impatiens capensis	Smilacina racemosa
Brachyelytrum erectum	I. pallida	S. stellata 9
Campanula americana	Isopyrum biternatum	Smilax ecirrhata
Carex albursina	Lactuca biennis	S. herbacea
C. pensylvanica 6	Laportea canadensis	S. tamnoides
Caulophyllum thalictroides	Lathyrus ochroleucus	Solidago altissima
Celastrus scandens	Lonicera prolifera	S. flexicaulis
Circaea quadrisulcata	Lysimachia quadrifolia	S. ulmifolia
Claytonia virginiana	Maianthemum canadensis	Thalictrum dioicum
Cornus alternifolia	Menispermum canadensis	Tovara virginiana
C. femina	Mitella diphylla	Trillium cernuum
✓ C. rugosa	Monarda fistulosa	T. flexipes
Corylus americana	Orchis spectabilis	T. grandiflorum
Cryptotaenia canadensis	Oryzopsis racemosa	T. recurvatum
Cypripedium pubescens	Osmorhiza clayton.	Triosteum perfoliatum
Cystopteris fragilis	O. longistylis	Uvularia grandiflora
Dentaria laciniata	Osmunda claytoni	Veronicastrum virginicum
Desmodium glutinosum	Panax quinquefolia	Viburnum acerifolium
D. nudiflorum	Panicum latifolium	V. rafinesquianum
Dicentra cucullaria	Parietaria pennsylvanica	Viola cucullata 5 8 9
Dodecatheon meadia	Parthenocissus inserta	V. pubescens
Dryopteris spinulosa	Phlox divaricata	Vitis aestivalis 4
Erigeron pulchellus 10	Phryma leptostachya 3 7	V. riparia
Erythronium albidum	Podophyllum peltatum	Xanthoxylum americ. 6.789, 10
Eupatorium purpureum	Polemonium reptans	Zizia aurea

Additional species:

Acer negundo 3

P. serotina 10

U. fulva 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 172H

Ambrosia artemisiifolia 2679

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum 4/10

Chenopodium hybridum

Cirsium arvense?

C. discolor

Cornus stolonifera

Dioscorea villosa

Linus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina 54

Milium effusum

Muhlenbergia schreberi 23457

Oxalis stricta 156

Panicum leibergii

Leptocarpus

achillea millefol. 7, 10

Juniper

Daucus carota 7, 9, 10

verbascum thapsus?

Physalis heterophylla

Pilea pumila

Plantago sp. 1234.5789

Plantago lanceolata

Poa compressa

P. pratense 1234678910

Polygonum convolvulus

P. hydropiper 3

Prunella vulgaris 5

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 136

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 1.2 4 5 6 8 9 10

Trifolium hybridum 14679, 10

T. pratense.

Acalypha virginica 1, 10

asclepias verticill 6

viola pedunculata 6

7-6

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

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Adiantum pedatum	Festuca obtusa	Polygonatum pubescens
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Anemone quinquefolia	G. concinnum	Pyrola elliptica
A. virginiana	G. lanceolatum	Ranunculus abortivus 8
Anemonella thalictroides	G. triflorum	R. recurvatus
Antennaria sp. 5 6 7 9, 10	Geranium maculatum 58	R. septentrionalis
Aplectrum hiemale	Gerardia grandiflora	✓ Rhus radicans
Apocynum androsaemifolium	Geum canadense	✓ Ribes americanum
Aquilegia canadensis	Goodyera pubescens	✓ R. cynosbati
Aralia nudicaulis	Habenaria bracteata	R. missouriense
A. racemosa	Hackelia virginica	Rosa sp.
Arenaria lateriflora	Hamamelis virginiana	✓ Rubus allegheniensis
Arisaema atrorubens	Helianthus strumosus	✓ R. occidentalis
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Cornus alternifolia	Menispermum canadensis	Tovara virginiana
C. femina	Mitella diphylla	Trillium cernuum
C. rugosa	Monarda fistulosa 5	T. flexipes
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Cryptotaenia canadensis	Oryzopsis racemosa	T. recurvatum
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Cystopteris fragilis	O. longistylis	Uvularia grandiflora
Dentaria laciniata	Osmunda claytoni	Veronicastrum virginicum
Desmodium glutinosum	Panax quinquefolia	Viburnum acerifolium
D. nudiflorum	Panicum latifolium	V. rafinesquianum
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Erigeron pulchellus 7	Phryma leptostachya	V. riparia
Erythronium albidum	Podophyllum peltatum	Xanthoxylum americ. 4 5, 6 8
Eupatorium purpureum	Polemonium reptans	Zizia aurea

Additional species: