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Site 1825: Green County, Township 4N, Range 9E, Section 26. 1957-09-14

[s.l.]: [s.n.], 1957-09-14

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1825

Name:

County: Green

Locality:

T: 4N

R: 9E

Sec: 26 NW 1/4

Date: Sept. 14

Observers: ETC

Size of Stand: 40 acres

Size of Area Sampled: 40 quarter point 20 quad.

Forest Type: Oak

Soil Type:

Topography: slightly rolling

Slope:

Directions:

Condition of Stand:

Open stand, some cutting, heavy grazing

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									

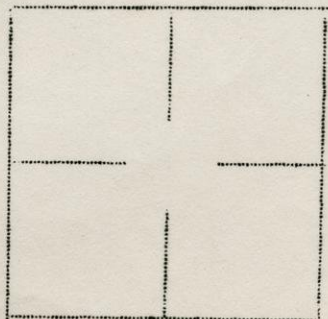
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	0 - 1/2	leaf litter - grass
A ₁	1 1/2	dark brown clay loam compact
A ₂	4	" " " "
B	1000	light brown " "

Parent Material:

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1824

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>negundo</i> Acer rubrum			1	1					181	180 65
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord					1	1	1	1		
C. ovata								60	60	
Celtis occ										
Crataegus sp.			1	1	2	1				
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra		45	45			80 40 95			130	2
Ostrya virg										
Populus gran										
P. tremul								1	1	1
Prunus serot			1						130	60
Quercus alba	230			170	150 100		205 160 180	160 25		100
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	210 180	170 190 220	140 200 220	200 220 170	65 180	85	240	450	450	
Tilia amer										
Ulmus amer										
Ulmus fulva	85	1								
<i>Pyrus malus</i> <i>Pyrus calleryana</i>		3	2						1	2
										1
	10, 100 25, 50	60, 60	95, 95 55	30, 80	55, 75 75	30, 80	40	75, 60 75	35, 45 40	20, 30 15, 40
Distance	25, 40 22, 48	15, 50 35, 52	35, 36 42, 60	12, 14 75, 18	18, 18 50, 42	2, 3 15, 50	9, 3 23, 34	15, 14 55, 44	22, 55 48, 68	24, 32 17, 12
	6	0	0	80	10	85	70	80	0	6

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1820

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>negundo</i> Acer rubrum					85					
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.		1	2	1	2	3	3	3	2	
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra	100 90	120	75	80 110						
Ostrya virg										
Populus gran									2	4
P. tremul										
Prunus serot	1		120	120	35	1				
Quercus alba	230	140	130 130	140	130	840 320	840	190	130 120	180
Q. ellipsoid										
Q. macrocarpa					150		130			
Q. rubra										
Q. velutina	120	140 160				180 140	130 140	190 180 120	230 200	210 120 85
Tilia amer										
Ulmus amer										
Ulmus fulva										
Pyrus cornuta	2	3	2							
	30, 60 30	55, 55 30, 25	100, 55 69, 75	70,	100, 10 40	20, 60 40, 60	55, 30 35	50, 11 25, 10	10, 30 35, 100	3, 4 2, 8
Distance	10, 24 32, 16	20, 32 24, 14	20, 38 60, 24	12, 27 21, 27	15, 50 8, 35	48, 55 29, 50	56, 13 41, 35	71, 55 60, 48	50, 39 21, 19	23, 35 24, 40
	85	40	0	75	90	0	95	60	0	0

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1825

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>negundo</i> Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1	45	1				160			1
Celtis occ										
Crataegus sp.	1		1	1	1		1	1	2	2
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra	110	100	85 95 60	65 98	1 60	1 55 95	180	95 120	120 210 35	1 180 210 160 80
Ostrya virg										
Populus gran										
P. tremul	25 20	2	1							
Prunus serot										
Quercus alba		180	170	140	160			290		
Q. ellipsoid										
Q. macrocarpa	210			250	240	320	310 25	7		
Q. rubra										
Q. velutina		260			210	260		380	370	
Tilia amer										
Ulmus amer										
Ulmus fulva										
	20,17 10,35	41,53 101	30,36	48,75 101	75,100 75	13	60,75	50,110	15,20 65	35,100 60,48
Distance	5, 23 24,19	48,42 42,62	40,50 60,38	41,12 40,38	33,50 32,17	19,33 55,10	15,35 27,40	50,24 13,34	48,40 35,40	18,32 31,22
	90	0	0	90	0	90	100	40	0	70

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1825

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>negundo</i> Acer rubrum	70									
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1	2	1	1		190	190		1	2
Celtis occ										
Crataegus sp.					1			1	1	1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra	130 120 85	3 85 100	60	35	1 30		1 210	1 210	1	290
Ostrya virg										
Populus gran										
P. tremul					1	2	2	1		30
Prunus serot		1			25			1	35	1
Quercus alba		25	25	65	180	786 110	180		240 210	210 240
Q. ellipsoid										
Q. macrocarpa		340	720 220	310	250		340	220 360 160		
Q. rubra										
Q. velutina				130		120			160	
Tilia amer										
Ulmus amer										
Ulmus fulva										
<i>Pyrus</i>			2	1						
	15,40 23,20	25,40 21	100,25 75	55,75 60	22,68 100	32,44 100	35,75 100	40,55 48,80	75,55 48,56	75,35 55,70
Distance	14,18 15 10	25,11 41,32	51,26 51,25	8,21 8,9	8,52 36,11	22,123 30,22	38,44 27,50	28,20 23,22	4,38 32,36	24,51 26,27
	70	15	85	75	90	50	0	40	100	5

95

1060.3

1060.3

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1925

- Ambrosia artemisiifolia* 12467810
A. trifida
Anemone cylindrica
Arabis canadensis
✓ Arctium minus
Bidens sp.
Cerastium vulgatum
Chenopodium hybridum
Cirsium arvense 48
C. discolor
Cornus stolonifera
Dioscorea villosa
Elmus canadensis
Leonurus cardiaca
Lithospermum latifolium
Medicago lupulina 56
Milium effusum
Muhlenbergia schreberi 5,10
Oxalis stricta 56710
Panicum leibergii
✓ Desmodium illinoense
phytolacca
Eragrostis spectabilis
Euphorbia supina 7
✓ " "
Asclepias verticillata 8

- ✓ Physalis heterophylla*
Pilea pumila
Plantago sp. 67,10
Plantago lanceolata 7
Poa compressa
P. pratense 12345678910
Polygonum convolvulus
P. hydropiper
Prunella vulgaris 7,10
Rudbeckia hirta
Rumex acetosella
Scrophularia marilandica
Senecio pauperculus
Setaria glauca 2
Solanum nigrum
Solidago latifolia 34
S. caesia
Stellaria media
Taraxacum officinale 3
Trifolium hybridum 5678
T. pratense.

- ✓ Datura stramonium* 67
Oxalis 45
Achillea millefolium 467
Aster oblongifolius 26
Asclepias verticillata 7,10

verbane verticillata

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 10
Allium tricoccum
Amphicarpa braceata 9
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 7
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius ✓
A. shortii
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 1
Claytonia virginiana
Cornus alternifolia
C. femina
C. rugosa
Corylus americana
Cryptotaenia canadensis |
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa 3
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 357
Galium aparine
G. circaeazans
G. concinnum 359
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense |
Goodyera pubescens
Habenaria bracteata
Hackelia virginica 8 10
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton.
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium 10
✓ Parietaria pennsylvanica
Parthenocissus inserta |
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 3
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 3
R. occidentalis 2
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 156810
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago altissima
S. flexicaulis
S. ulmifolia
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
Viola cucullata 479
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Q. velutina

P. trematodes 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1825

Ambrosia artemisiifolia 2 4 6 7 8 9

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 3 4 6

Bidens sp.

Cerastium vulgatum 9

Chenopodium hybridum

Cirsium arvense 2

C. discolor

Cornus stolonifera

Dioscorea villosa

Linus canadensis

Leonurus cardiaca 1 2 3 5

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 4 5 6 8 9, 10

Oxalis stricta 7

Panicum leibergii

~~A. compressa 5~~

Physalis heterophylla 8

Pilea pumila

Plantago sp. 1 6 7 8 9 10

Plantago lanceolata

Poa compressa

P. pratense 1 2 5 6 7 8 9, 10

Polygonum convolvulus

P. hydropiper 5

Prunella vulgaris 5

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 2 7 10

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 5 8 9

Trifolium hybridum 7 9

T. pratense.

Onopeltis cataracta 2 3 4

Phytolacca 3 5

Asclepias verticillatus 7 9

" syriaca

Oenothera coccinea 8

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Grazed stands

Actaea pachypoda
Adiantum pedatum
✓ Agrimonia gryposepala 8
✓ Allium tricoccum
✓ Amphicarpa braceata 146
✓ Anemone quinquefolia
A. virginiana
✓ Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
✓ Aralia nudicaulis
A. racemosa
Arenaria lateriflora
✓ Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
✓ A. sagittifolius
✓ A. shortii
Athyrium filix-femina
✓ Botrychium virginianum
Brachyelytrum erectum
✓ Campanula americana
✓ Carex albursina
✓ C. pensylvanica 3
✓ Caulophyllum thalictroides
✓ Celastrus scandens
✓ Circaea quadrisulcata 345
Claytonia virginiana
✓ Cornus alternifolia
✓ C. femina
✓ C. rugosa 3
✓ Corylus americana
✓ Cryptotaenia canadensis 13569
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
✓ Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
✓ Erigeron pulchellus
Erythronium albidum
✓ Eupatorium purpureum

Additional species:

✓ Eupatorium rugosum
✓ Festuca obtusa
✓ Fragaria virginiana 2589
✓ Galium aparine
✓ G. circaeazans
✓ G. concinnum 9
G. lanceolatum
✓ G. triflorum
✓ Geranium maculatum
Gerardia grandiflora
✓ Geum canadense 9
Goodyera pubescens
Habenaria bracteata
✓ Hackelia virginica 135
Hamamelis virginiana
✓ Helianthus strumosus
✓ Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
✓ Impatiens capensis
I. pallida
Isopyrum biternatum
✓ Lactuca biennis
✓ Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
✓ Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
✓ Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
✓ Osmorhiza clayton.
✓ O. longistylis
✓ Osmunda claytoni
Panax quinquefolia
Panicum latifolium
✓ Parietaria pennsylvanica
✓ Parthenocissus inserta 14
✓ Phlox divaricata
✓ Phryma leptostachya
✓ Podophyllum peltatum
Polemonium reptans

P. serotina 4

✓ Polygonatum canaliculatum
Polygonatum pubescens
✓ Potentilla simplex 8
✓ Prenanthes alba 1
Pteridium aquilinum
Pyrola elliptica
✓ Ranunculus abortivus
R. recurvatus
R. septentrionalis
✓ Rhus radicans
Ribes americanum
✓ R. cynosbati
✓ R. missouriense
✓ Rosa sp.
✓ Rubus allegheniensis 3
✓ R. occidentalis 456
✓ R. strigosus
✓ Sambucus canadensis
✓ Sanguinaria canadensis
✓ Sanicula gregaria 2569
S. marilandica
✓ Smilacina racemosa
✓ S. stellata
✓ Smilax ecirrhata
✓ S. herbacea
✓ S. tamnoides
Solidago altissima
✓ S. flexicaulis
✓ S. ulmifolia
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes
✓ T. grandiflorum
T. recurvatum
Triosteum perfoliatum
✓ Uvularia grandiflora
Veronicastrum virginicum
✓ Viburnum acerifolium
✓ V. rafinesquianum
✓ Viola cucullata 589
✓ V. pubescens
✓ Vitis aestivalis
V. riparia
✓ Xanthoxylum americ.
Zizia aurea