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Site 1817: Green County, Township 3N, Range 9E, Section 15. 1957-08-24

[s.l.]: [s.n.], 1957-08-24

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1817

Name:

County: Green

Date: Aug 24, 1957

Size of Stand: 50 acres

Forest Type: Oak

Topography:

Locality:

T: 3N

R: 9E

Sec: 15

Observers: B.T.C.

Size of Area Sampled: 40

Soil Type:

Slope:

Directions:

Condition of Stand:

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									

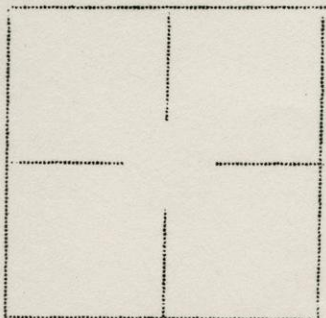
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1 in	Oak leaves decay wood etc.
A ₁	1 in	leaf
A ₂	1 in	humus
B		

Parent Material:

Map:



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Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1817

Name:

County: Green

Locality:

T:

R:

Sec:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Forest Type:

Soil Type:

Topography:

Slope:

Directions:

Condition of Stand:

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.)

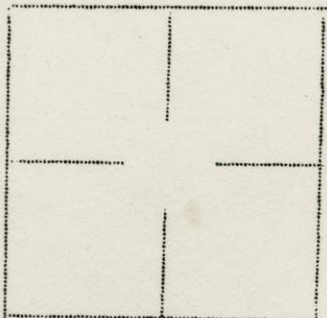
A ₀	
A ₁	
A ₂	
B	

Parent Material:

Air per

Water per

Map:



98	52
118	65
30	14
3 246	3 131
82	43

2' 30 sec
10+ min
10+ min

Film - shots 1-2-3-4

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1817

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										
Juglans cin.										
J. nigra	1						1	1	1	1
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	25 120 130 150		35	140 60 160	260 30	160 260		130	70	25 120
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina		320 220 200 140	220 180 190	200	220 160	190 170	480 180 160 180	230 200 160	240 130 260	130 200
Tilia amer										
Ulmus amer										
Ulmus fulva					2	2	2	1		2
	95				75, 80	28, 65	20, 75 70, 1	65, 100	38	15, 18 40
Distance	23, 21 11, 8 90	17, 16 8, 18 60	22, 25 10, 18 85	5, 17 12, 25 70	15, 24 17, 23 20	24, 5 20, 6 75	19, 16 27, 12 75	7, 20 20, 22 70	10, 20 8, 18 60	32, 5 17, 17 70

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1817

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										
Juglans cin										
J. nigra			1						1	1
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	100 85 50 60	180 80 35 100	200 150	70 100 100 180	170 160	90	70	130 160 100		150
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina			240 65		130 150	140 130 120	210 240 420	140	170 160 210 140	200 280 170
Tilia amer										
Ulmus amer										
Ulmus fulva	2	2	2	3	2	1	1			
	50, 25	10, 15	25, 20 35	48, 35 85	34, 100	48	100		100	68
Distance	13, 16 14, 14	48, 22 25, 25	34, 5 12, 25	12, 12 5, 24	13, 23 16, 7	24, 8 12, 6	8, 22 23, 26	24, 6 20, 6	34, 4 19, 14	21, 3 11, 27
	75	0	90	75	60	90	70	0	15	95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1817

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										
Juglans cin.										
J. nigra									1	
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	80 130	200	180				130 30	95 50 85		90 130 120
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	90 180	120 130 45	180 90 75	140 80 65 200	130 60 180 100	170 120 65 70	130 140	180	100 45 170 250	200
Tilia amer										
Ulmus amer										
Ulmus fulva									1	3
									100, 45	50, 65 55
Distance	12, 32 34, 35 90	12, 21 9, 24 65	21, 35 8, 21 95	5, 29 7, 19 75	32, 18 5, 26 110	20, 19 10, 15 80	10, 18 28, 25 90	40, 22 13, 12 80	12, 14 50, 9 80	11, 16 26, 24 95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1817

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
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C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	60 100	160 75 130 120	100 95 130	200 35 120	50		140 130 120 125	130	170 75	45 60
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	130 270		120	140	260 190 180	180 140 200 140		210 120 110	130 110	80 100
Tilia amer										
Ulmus amer										
Ulmus fulva	1	1								
	25	75								
Distance	22, 5 29, 10 85	14, 9 12, 30 95	33, 3 4, 6 85	30, 14 5, 12 80	10, 20 13, 14 60	31, 30 20, 10 50	38, 13 19, 19 25	8, 17 8, 14 15	9, 24 8, 20 30	17, 22 16, 21 70

14

890.7

2.5 cwt/acre

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1812

Ambrosia artemisiifolia
 A. trifida
 Anemone cylindrica
 Arabis canadensis
 Arctium minus
 Bidens sp.
 Cerastium vulgatum 7
 Chenopodium hybridum
 Cirsium arvense
 C. discolor
 Cornus stolonifera
 Dioscorea villosa
 Elmus canadensis
 Leonurus cardiaca
 Lithospermum latifolium
 Medicago lupulina
 Milium effusum
 Muhlenbergia schreberi
 Oxalis stricta
 Panicum leibergii

Physalis heterophylla
 Pilea pumila
 Plantago sp.
 Plantago lanceolata
 Poa compressa
 P. pratense 56
 Polygonum convolvulus
 P. hydropiper 34
 Prunella vulgaris
 Rudbeckia hirta
 Rumex acetosella
 Scrophularia marilandica
 Senecio pauperculus
 Setaria glauca 4
 Solanum nigrum 4
 Solidago latifolia
 S. caesia
 Stellaria media
 Taraxacum officinale 34
 Trifolium hybridum
 T. pratense.

B-8

Erigeron canadensis
Asclepias millefolia
Penstemon altissimus
Asclepias tuberosa

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
✓ Amphicarpa braceata 357 89, 10
Anemone quinquefolia 56
A. virginiana
Anemonella thalictroides
Antennaria sp. 10
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 1 2 3 5 6 7 8 9, 10
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 3 4 6 7 8
Claytonia virginiana
Cornus alternifolia
C. femina
C. rugosa 3
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine
G. circaeans
G. concinnum 1 3 4 7
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
✓ Hackelia virginica
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 3
Parthenocissus inserta 4
Phlox divaricata
✓ Phryma leptostachya 3
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
✓ R. missouriense 10
Rosa sp.
Rubus allegheniensis 2 3
R. occidentalis 6
R. strigosus flagellari 8
✓ Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
✓ Smilacina racemosa 8
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 4 5 6
V. pubescens
Vitis aestivalis 4 5
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

P. serotina 4

A. virginiana 89

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1817

Ambrosia artemisiifolia
 A. trifida
 Anemone cylindrica
 Arabis canadensis
 Arotium minus
 Bidens sp.
 Cerastium vulgatum
 Chenopodium hybridum 145
 Cirsium arvense 258
 C. discolor
 Cornus stolonifera
 Dioscorea villosa
 Elymus canadensis
 Leonurus cardiaca
 Lithospermum latifolium
 Medicago lupulina
 Milium effusum
 Muhlenbergia schreberi 258
 Oxalis stricta
 Panicum leibergii
 A 258

arenaria
 lateriflora

Physalis heterophylla
 Pilea pumila
 Plantago sp.
 Plantago lanceolata
 Poa compressa
 P. pratense 14
 Polygonum convolvulus 58
 P. hydropiper 145
 Prunella vulgaris
 Rudbeckia hirta
 Rumex acetosella 2
 Scrophularia marilandica
 Senecio pauperculus
 Setaria glauca
 Solanium nigrum 7
 Solidago latifolia
 S. caesia
 Stellaria media
 Taraxacum officinale
 Trifolium hybridum
 T. pratense.

Phytolacca

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
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Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 12
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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 1345
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 14568
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
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Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine
G. circaeazans
G. concinnum 67
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
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Hepatica acutiloba
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Impatiens capensis
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Isopyrum biternatum
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Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
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Menispermum canadensis
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Parietaria pennsylvanica
Parthenocissus inserta 567
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
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Pteridium aquilinum
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Ranunculus abortivus
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Rhus radicans
Ribes americanum
R. cynosbati
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Rubus allegheniensis 39,10
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Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
Viola cucullata
V. pubescens
Vitis aestivalis 3
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

P. serotina 2?
Q. velutina 4