



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1818: Dane County, Township 5N, Range 7E, Section 31. 1957-08-26

[s.l.]: [s.n.], 1957-08-26

<https://digital.library.wisc.edu/1711.dl/ZN6OBQMM2JO2X8N>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1818

Name:

Locality:

County: Dane

T: 5N

R: 7E

Sec: 31

Date: Aug 26

Observers: ETC

Size of Stand: 50 acres

Size of Area Sampled: 5000

Forest Type: Oak - bur + white

Soil Type:

Topography:

Slope:

Directions:

Condition of Stand:

Very little cutting, grazed as they travel to pastures.

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									

A₀A₁A₂

B

DEPTH

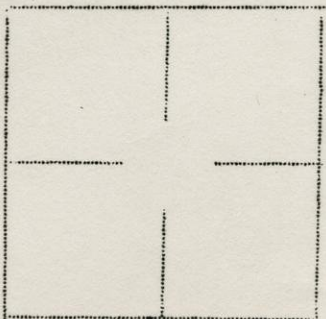
CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀A₁A₂

B

Parent Material:

Map:



17

CI = 637.3

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1818

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata		1								
Celtis occ										
Crataegus sp.					1	1	3		2 15	3
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba						160 100 140	100 110 130	230 180 100	120 150	
Q. ellipsoid										
Q. macrocarpa	100 65 15 130	45 130 140	100 80 140	110	120 240 80 160	160 85 190 45	35	30	340	120
Q. rubra										
Q. velutina		600	220	260 200 180					340	
Tilia amer										
Ulmus amer										
Ulmus fulva	2	2			2	2		2	2	
Pyrus						1				1
	34, 6	100, 50 100	0	0	30, 34 15	30, 15 18, 20	50, 24 15	50 35	30, 30 45, 2	10, 20 8, 20
Distance	11, 22 11, 17	50, 23 8, 29	45, 14 20, 10	25, 30 12, 28	16, 17 40, 21	40, 18 20, 13	20, 18 7, 10	17, 30 12, 10	11, 13 35, 39	25, 30 27, 10
	70	90	65	35	15	40	85	90	85	0

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	1	1	1					2		1
C. ovata			1							
Celtis occ										
Crataegus sp.	3	1	20	2	3	1	4	2	1	2
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										1
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot									1	
Quercus alba	130 120 150		160		180	190			160 150 130	150 100 90 65
Q. ellipsoid										
Q. macrocarpa	95	200 36 40 310	120 130	120 100 210 35	40 170 120	280 160	100 45 30	100 120 100	30	
Q. rubra										
Q. velutina							320	250		
Tilia amer										
Ulmus amer										
Ulmus fulva						2		2	1	
Pyrus malus alba		1 1			1	1				
	10,20 15,30	15,75 35,12	9,15 8,20	30,65 35,10	25,15 50,65	16,20 30,30	10,30 70,60	5,30 10,25	25,20 10,40	25,20 30,10
Distance	12,20 16,8	10,10 14,17	15,22 30,20	7,22 41,33	20,15 9,13	17,11 16,24	18,17 18,23	35,30 5,19	15,12 20,5	33,25 12,8
	95	55	0	35	10	40	80	95	60	90

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1718

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										2
C. ovata										
Celtis occ										
Crataegus sp.	1				1	3	2		2	1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra				1						1
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	1						1		2	
Quercus alba	120 150 160	120 100 110	140 120 110	160 130 120	180 110 120					
Q. ellipsoid	130	1180	85	140						
Q. macrocarpa					120	120 240 110	80 140 100 120	130 140 130 80	40 120 35 15	120 130 100 90
Q. rubra										
Q. velutina						110		1		
Tilia amer										
Ulmus amer										
Ulmus fulva	2	3	2		1	1	1	1		
Pyrus mon allo		1	2	1	1			2		
	15,25 15,20	24,10 85,30	50,50 65,85	8,15 10,80	65,10 50	35,15 25,20	27,60 35,16	15,43 40,80	10,10 35,35	5,10 40,15
Distance	22,11 40,10	40,15 3,20	15,25 7,12	22,30 13,20	22,35 25,29	19,40 30,13	20,22 15,11	9,9 7,30	12,25 24,14	40,18 15,15
	60	90	90	85	0	70	65	70	70	95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1818

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			1							
Celtis occ										
Crataegus sp.	3	1	3		15	4	2	1	2	1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra	1	1					1			
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot				2			1		1	1
Quercus alba					210 130	30 200 130	150 170 120	240 200 120	180 180 150 100	180 220
Q. ellipsoid										
Q. macrocarpa	140 260 220 180	110 120 75 200	65 30 25 90	40 130 25 50	210	30		130		160
Q. rubra										
Q. velutina				1						180
Tilia amer										
Acer nigra Ulmus amer										1
Ulmus fulva		1							1	
Pyrus malus alba		1					35	1	2	1
	10, 28 15, 2	15, 25 20, 10	46, 35 44, 24	20, 25 18, 12	10, 20 3, 9	20, 35 8, 15	20, 30	29, 55 20, 3	55, 20 15, 44	22, 45 58, 40
Distance	46, 24 32, 9	29, 14 12, 10	44, 22 13, 9	15, 9 20, 19	14, 20 15, 30	30, 16 7, 11	50, 11 35, 8	38, 25 21, 8	59, 20 11, 22	40, 14 20, 10
	30	80	5	60	75	100	90	90	95	90

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1818

Ambrosia artemisiifolia 1 4 8 9

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 13

Bidens sp. *pyramidalis* 1 4 7

Cerastium vulgatum 4

Chenopodium hybridum

Cirsium arvense

C. discolor

Cornus stolonifera

Dioscorea villosa

Erigeron canadensis

Leonurus cardiaca 7

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi

Oxalis stricta 2 4

Panicum leibergii

Asclepias 9 epallata

Sisymbrium alba 9

Sisymbrium officinale

Physalis heterophylla

Pilea pumila 7

Plantago sp. 12 3 4 9, 10

Plantago lanceolata

Poa compressa

P. pratense 1 2 3 4 6 8 9 10

Polygonum convolvulus

P. hydropiper 2

Prunella vulgaris 2

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 2 3 4 5, 10

Trifolium hybridum 1 3 4 9

T. pratense.

Rumex crispus 2

4. strigosum 3

urtica - 7

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 3456, 10
Allium tricoccum
Amphicarpa braceata 12469, 10
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 5
A. sagittifolius 349, 10
A. shortii 4
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica
Caulophyllum thalictroides
✓ Celastrus scandens 5
Circaea quadrisulcata 56789, 10
Claytonia virginiana
Cornus alternifolia
C. femina
C. rugosa
✓ Corylus americana
Cryptotaenia canadensis 145689, 10
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus 24
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 58, 10
Galium aparine
G. circaeazans
G. concinnum 49
G. lanceolatum
G. triflorum
Geranium maculatum 37, 10
Gerardia grandiflora
Geum canadense 1256, 10
Goodyera pubescens
Habenaria bracteata
Hackelia virginica 8
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. 5
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 8
Phlox divaricata 51
Phryma leptostachya 12356, 10
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 16, 10
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 9
R. occidentalis 356
R. strigosus 8, 10
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
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 1347
V. pubescens
Vitis aestivalis 3
V. riparia
Xanthoxylum americ. 3456789, 10
Zizia aurea

Additional species:

P. serotina 10

A. velutina 3
Anemone cylindrica
P. serotina 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1818

Ambrosia artemisiifolia 7

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 8

Bidens ~~sp.~~ frondosa 8

Cerastium vulgatum

Chenopodium hybridum

Cirsium arvense 7

C. discolor

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

Leonurus cardiaca 9, 10

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi

Oxalis stricta 7, 10

Panicum leibergii

Sisemachia terrestris

~~✓~~ Physalis heterophylla

Pilea pumila 8, 9, 10

Plantago sp. 3, 7, 8, 10

Plantago lanceolata

Poa compressa

P. pratense 1, 2, 4, 5, 6, 10

Polygonum convolvulus 5

P. hydropiper 8, 10

Prunella vulgaris 6

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

~~✓~~ Solanium nigrum

Solidago latifolia

S. caesia 1

Stellaria media

Taraxacum officinale 3, 5, 6, 7, 8

Trifolium hybridum 6, 7, 10

T. pratense.

~~✓~~ *Cephaelis* catan 10

~~✓~~ *Ranex crispus* 8, 9
A-3 = *canadensis americanum*
achillea millefol 4, 7

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 1234568
Allium tricoccum
✓ Amphicarpa braceata 247,10
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 47
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius 15
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 1389
Claytonia virginiana
Cornus alternifolia
C. femina
C. rugosa 2
Corylus americana
Cryptotaenia canadensis 89
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus 4
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 12348
Galium aparine
G. circaeazans
G. concinnum 5,10
G. lanceolatum
G. triflorum
✓ Geranium maculatum 28
Gerardia grandiflora
✓ Geum canadense 678,10
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
Parthenocissus inserta 12
Phlox divaricata
Phryma leptostachya 15689,10
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 8
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 569
R. recurvatus
R. septentrionalis
✓ Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense 3
Rosa sp.
✓ Rubus allegheniensis
✓ R. occidentalis 6
R. strigosus 24
✓ Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea 2
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 14568
V. pubescens
Vitis aestivalis 9
V. riparia
Xanthoxylum americ. 12345678,10
Zizia aurea

Additional species:

Prunus virginiana 3

Agelodes 2

exaltata

Q. velutina 126

U. fulva 3

Phytolacca arbutifolia

✓ Scrophularia

Viburnum

verticillata