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Site 1819: Green County, Township 2N, Range 9E, Section 9. 1957-08-29

[s.l.]: [s.n.], 1957-08-29

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 4819

Name:

County:

Date: Aug 29 57

Size of Stand:

Forest Type:

Topography:

Locality:

T: 2N

R: 9E

Sec:

9 NW 1/4

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions:

Condition of Stand:

Open Grown Trees:

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									

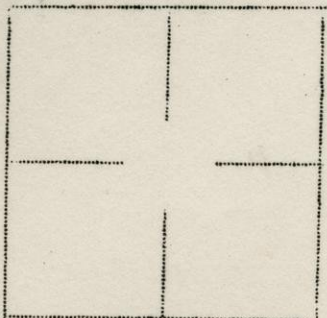
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	0-2 in	grass root & leaf
A ₁	2-4 in	dark brown humus & clay loam
A ₂	4-6 in	light brown
B	↓	to yellow

Parent Material:

Map:



Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1819

Name:

Locality:

County:

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.)

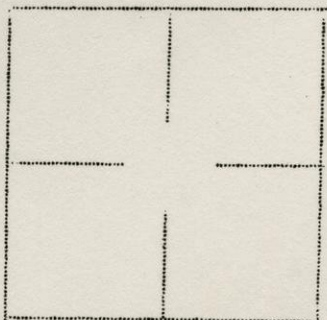
A ₀	
A ₁	
A ₂	
B	

Parent Material:

Dry soil
air per

water per

Map:



120 80
110 60
131 95
3 360 3 235
120 98

10+ min
10+ min
10+ min

photo 5678

leaf fall as in leaf's paper not a
measure of effect of grazing upon litter
in woodland only measured biomass density
+ canopy

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1819

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	120 120	120 40 110	260 110 100	60 210	210 140	L	300	180 260	240 200	
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba				130		45 160	180 160	160 120	140	210 240
Q. ellipsoid										
Q. macrocarpa	110 120	190	18	160	60	60			180	190
Q. rubra										
Q. velutina					400	410	200			160
Tilia amer										
Ulmus amer										
Ulmus fulva										
Distance	18, 12 14, 25	27, 23 10, 30	9, 24 35, 10	12, 30 41, 27	16, 30 40, 40	10, 18 15, 29	20, 24 48, 40	13, 60 38, 21	17, 30 10, 55	32, 60 25, 40
	0	40	70	85	70	60	0	90	20	0

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1819

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							120	120 160 100	55	
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	140 130 250 200	130 180 250 200	180 160 200 250	200 140 180 200	130 260 180 120	260 180 130 85	80 300	180	160 140	140 340 100
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina									160	160
Tilia amer										
Ulmus amer										
Ulmus fulva							300			
Distance	19, 50 30, 29 60	45, 55 48, 75 0	22, 30 58, 60 90	17, 40 38, 40 20	15, 50 25, 14 75	30, 25 35, 64 50	17, 50 12, 20 95	5, 22 17, 50 85	17, 21 31, 35 45	29, 50 38, 75 0

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1819

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					100 65	70 35 200	200 80 110 120	120 110 80		40
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	500 160 180 175	360 130 140 1100	180 170 200 140	180 130 180	120 85	100		460	360 280	280 100 330
Q. ellipsoid										
Q. macrocarpa				240						
Q. rubra										
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva									45 15	
Distance	47.9 25.35 85	35.30 32.7 95	24.20 19.50 0	8.42 46.17 90	40.30 35.65 0	22.24 8.50 50	9.5 14.24 80	18.20 26.19 35	12.38 35.40 90	25.38 35.30 5

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1819

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	160 200 210		180		100	100 90		35 100	45 140 120 100	120 180
Ostrya virg										
Populus gran				100	100	160				
P. tremul										
Prunus serot										
Quercus alba	180	210	220 90	100			65			
Q. ellipsoid										
Q. macrocarpa								180		80 100
Q. rubra		75		230 210	210 260 150		360	360		
Q. velutina		360	360		100	100	80 20			
Tilia amer										
Ulmus amer										
Ulmus fulva		120								
Distance	15,22 60,35	35,142 7,19	15,20 41,40	8,40 5,25	10,35 21,35	16,25 28,55	40,22 10,45	50,16 30,5	16,27 12,8	26,30 42,30
	75	95	85	90	85	50	90	85	80	0

37

CI: 1270.9

[illegible]

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1819

Ambrosia artemisiifolia

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum

Chenopodium hybridum

Cirsium arvense 8

C. discolor 8

Cornus stolonifera

Dioscorea villosa

Elymus canadensis

Leonurus cardiaca 4

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 3 4 5

Oxalis stricta 3 4 10

Panicum leibergii

Physalis heterophylla

Pilea pumila

Plantago sp. 3

Plantago lanceolata

Poa compressa

P. pratense 1 2 3 4 5 6 7 8 9

Polygonum convolvulus 1

P. hydropiper

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 1 6 8

Solanum nigrum 8

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 1 3 5 6 8 9

Trifolium hybridum 2 5 8

T. pratense.

Scrophularia marilandica

Lonchocarpus alatus

Achillea millefolium

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 5
Allium tricoccum
Amphicarpa braceata 34510
Anemone quinquefolia
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
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pennsylvanica 4-10
Caulophyllum thalictroides
Celastrus scandens
✓ Circaea quadrisulcata 16
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 10
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine
G. circaezans
G. concinnum 79,10
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense 4
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 3 8,10
Phlox divaricata
✓ Phryma leptostachya 9
✓ Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 610
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 18
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 3
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 134629
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

U. fulva 6

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1819

Ambrosia artemisiifolia 3 7
 A. trifida
 Anemone cylindrica
 Arabis canadensis
 Arctium minus
 Bidens sp.
 Cerastium vulgatum 14
 Chenopodium hybridum
 Cirsium arvense 10
 C. discolor
 Cornus stolonifera
 Dioscorea villosa
 Alnus canadensis
 Leonurus cardiaca
 Lithospermum latifolium
 Medicago lupulina 3 4 8 9, 10
 Milium effusum
 Muhlenbergia schreberi 4 9 10
 Oxalis stricta 3 4 7 9, 10
 Panicum leibergii
 Eragrostis? 4 9, 10
 " canadensis 10
 Verbena stricta
 Verbena stricta

Physalis heterophylla
 Pilea pumila
 Plantago sp. 3 4 7
 Plantago lanceolata
 Poa compressa
 P. pratense 1 2 3 4 5 6 7 8 9 10
 Polygonum convolvulus
 P. hydropiper
 Prunella vulgaris
 Rudbeckia hirta
 Rumex acetosella
 Scrophularia marilandica
 Senecio pauperculus
 Setaria glauca 1 9
 Solanum nigrum
 Solidago latifolia
 S. caesia
 Stellaria media
 Taraxacum officinale 1 2 3 4 6 7 9 10
 Trifolium hybridum 4 9 10
 T. pratense.
 Achillea millefolium 1 2 8 9, 10
 Menta 4 9, 10
 Teucrium canadense
 Euphorbia corollata 9

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 2368
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 25
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius 3
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pennsylvanica 28
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 35
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
Erigeron pulchellus 9
Erythronium albidum
Eupatorium purpureum

✓Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 2
Galium aparine
G. circaeazans
G. concinnum 3
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense 3
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 13
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 269
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis
R. occidentalis
R. strigosus
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 1543
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

U. fulva 123