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Site 1824: Dane County, Township 9N, Range 7E, Section 29. 1957-09-09

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 15824

Name:

County: Dane

Date: Sept 9

Size of Stand:

Forest Type:

Topography:

Locality:

T: 9N

R: 7E

Sec: 29

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions:

Condition of Stand:

Some cutting at the N end

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									

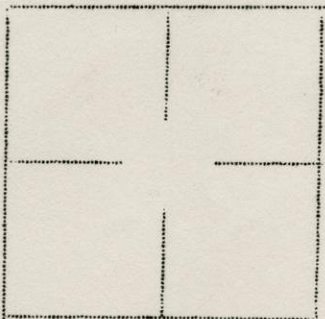
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	0	.....	.....	.....	.....	.....	.....	.....	.....
A ₁	15	.....	.....	.....	.....	.....	Dark brown	sandy	100m
A ₂	15	.....	.....	.....	.....	.....	"	"	"
B	.....	.....	.....	.....	.....	.....	light brown	sandy	"

Parent Material:

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1824

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum			1							
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	25	4	35	2	22	2	30	2	35	3
Celtis occ										
Crataegus sp.							1	1		1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot			290							
Quercus alba				25	35	180	120	120	130	110
Q. ellipsoid									130	240
Q. macrocarpa		25			1					
Q. rubra										
Q. velutina	470 200 130	480 160	120 140	130 190	180 160	230 190 160	290 170 210	380		110
Tilia amer										
Ulmus amer										
Ulmus fulva			1		1	1		2	2	30
Ulmus alba										2
	55,40 21,50	40,25 70,40	10,20 75,18	40,25 50,40	25,8 40,35	10,35 20,40	4,60 5,30	60,20 90,50	15,80 20,40	55,40 30,40
Distance	11,10 12,20	10,22 34,38	20,23 19,22	7,15 7,8	11,19 38,22	8,22 28,23	17,35 30,18	3,25 28,17	12,22 26,13	2,8 42,15
	90	6	0	85	70	90	90	95	40	600

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1824

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer rubrum															
A. saccharum															
Betula papy.															
Carpinus car															
Carya cord															
C. ovata	40 35 30	3	95	4	80	4	35 100 20	3	28 100	2	3	2	30 10	2	30 25
Celtis occ															
Crataegus sp.															
Fagus grand															
Fraxinus am															
F. nigra															
Juglans cin.															
J. nigra															
Ostrya virg															
Populus gran															
P. tremul															
Prunus serot															
Quercus alba		210													
Q. ellipsoid															
Q. macrocarpa	65					1	70	65	130 110	2	30 30 25	1	35	2	
Q. rubra															
Q. velutina		130 100		160 210	170	250	100 320 280	120 240	130		120 180		160 110		
Tilia amer															
Ulmus amer															
Ulmus fulva			110												
Pyrus															
	30, 70 80, 30	30, 25 55, 40	15, 40 35, 25	30, 35 60, 4	48, 65	43, 100 75	66, 24 100, 48	56, 75 55, 34	42, 50 44, 13						
Distance	20, 14 22, 48	7, 14 5, 25	7, 19 12, 22	18, 15 26, 11	9, 25 17, 10	15, 21 10, 19	18, 23 12, 13	7, 16 12, 13	17, 18 16, 7	10, 40 18, 13					
	0	90	45	0	80	95	35	80	40	75					

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1824

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>	33, 3	20, 4	15, 4	30, 3	40, 3	60, 2 40, 15 65	25, 4	18, 3 45	40, 4	30, 4 110
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>										
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>										
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>	130	150, 65	240, 210	170, 90	160			260		
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>				1					1, 45 120	120
<i>Q. rubra</i>										
<i>Q. velutina</i>	500, 180	180	330	190	310		190, 200	180	200	250
<i>Tilia amer</i>										
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>	1				120	1	1			
	40, 50 25, 90	30, 40 42, 35	10, 22 35, 8	95, 40 31, 53	60, 55 24, 75	20, 25 46, 19	8, 32 25, 18	40, 23 46, 48	10, 30 20, 40	66, 100 60, 40
Distance	13, 20 23, 10	12, 13 23, 16	28, 18 19, 29	11, 38 23, 24	8, 13 50, 14	7, 3 22, 20	16, 19 19, 12	13, 26 41, 19	10, 24 60, 11	11, 17 13, 35
	70	95	75	0	75	100	0	6	0	0

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1824

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer rubrum															
A. saccharum															
Betula papy.															
Carpinus car															
Carya cord															
C. ovata	120	2	75	1	130	2		20 60 180	130 90	120 65 110	100 35 30	130 100 25	1	18	3
Celtis occ															
Crataegus sp.															
Fagus grand															
Fraxinus am															
F. nigra															
Juglans cin.															
J. nigra															
Ostrya virg															
Populus gran															
P. tremul															
Prunus serot															
Quercus alba							160	160	120						
Q. ellipsoid															
Q. macrocarpa	140		70	15	25 45 30 150		1	100	2	1		100	1	65 75	
Q. rubra															
Q. velutina	210 200		200 190	340 200		180								360	
Tilia amer															
Ulmus amer															
Ulmus fulva															
Pyrus				1	1										1
	25, 100	23	95, 100 80	70,	30,	25, 20	65		50		30, 100 75 30				
Distance	23, 15 42, 14	20, 52 17, 18	20, 26 28, 15	1, 3 8, 7	15, 40 8, 16	23, 48 23, 16	9, 40 38, 35	7, 33 32, 42	7, 21 8, 17	10, 25 18, 35					
	5	10	20	75	5	5	5	90	95	95					

[illegible]

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. _____

1824

Ambrosia artemisiifolia 8
 A. trifida
 Anemone cylindrica
 Arabis canadensis
 Arctium minus
 Bidens sp. *pendula* 7, 10
 Cerastium vulgatum
 ✓ Chenopodium hybridum
 Cirsium arvense
 C. discolor
 Cornus stolonifera
 Dioscorea villosa
 Echinacea canadensis
 Leonurus cardiaca 5, 6, 7, 10
 Lithospermum latifolium
 Medicago lupulina
 Milium effusum
 Muhlenbergia schreberi 125
 Oxalis stricta
 Panicum leibergii

Physalis heterophylla
 Pilea pumila
 Plantago sp. 9
 Plantago lanceolata
 Poa compressa
 P. pratense 12, 8, 9, 10
 Polygonum convolvulus 7
 P. hydropiper
 Prunella vulgaris
 Rudbeckia hirta
 Rumex acetosella
 Scrophularia marilandica
 Senecio pauperculus
 Setaria glauca
 Solanum nigrum
 Solidago latifolia *altissima* 10
 S. caesia
 Stellaria media
 Taraxacum officinale 10
 Trifolium hybridum 9
 T. pratense.

Acalypha virginica 2, 9, 10

Myrica catarina 3, 10

Verbena

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 3 4 5 6
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 4
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 4 6
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 1 2 3 4 5 6 7 8 9 10
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 4 5 8, 10
Galium aparine
G. circaeazans
G. concinnum
G. lanceolatum
G. triflorum 1 3 4 5 6 7
✓ Geranium maculatum 6
Gerardia grandiflora
Geum canadense 2
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 6
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba 6
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 2 9
✓ R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense 4 5
Rosa sp.
Rubus allegheniensis 2 7
R. occidentalis 1 3 4 5 6 7 8
R. strigosus 4
Sambucus canadensis 4
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa 5
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 1 5 9
V. pubescens
Vitis aestivalis 2 3
V. riparia
Xanthoxylum americ. 7 8 9
Zizia aurea

Additional species:

P. serotina 1 2
C. ovata 1 8
U. fulva 3 4
Q. velutina 3

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1824

Ambrosia artemisiifolia 1236,10

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum 451

Chenopodium hybridum

Cirsium arvense 1357,10

C. discolor

Cornus stolonifera

Dioscorea villosa

Alnus canadensis

✓ Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 6

Oxalis stricta 136

Panicum leibergii

Indigofera 2345679,10

Achillea millefolium 5

Physalis heterophylla

Pilea pumila

Plantago sp. 1346

Plantago lanceolata

Poa compressa

P. pratense 1234567,10

Polygonum convolvulus 1

P. hydropiper 1

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 126

Solanum nigrum

Solidago latifolia 10

S. caesia

Stellaria media

Taraxacum officinale 134567,10

Trifolium hybridum 134569

T. pratense.

Verbena urticifolia 1

Acalypha virginica 123456,10

Pestivaca saxiva 1

Nepeta cataracta 1

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 2 4, 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 3
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 7
Caulophyllum thalictroides
Celastrus scandens
✓ Circaea quadrisulcata 10
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 2 5 6
Erythronium albidum
Eupatorium purpureum

Additional species:

Epigaea canadensis
Viola pedunculata
over woodland 8 6

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 2 3 4 9 10
Galium aparine
G. circaeazans
✓ G. concinnum
G. lanceolatum
G. triflorum 10
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 10
Parthenocissus inserta 7
Phlox divaricata
Phryma leptostachya 10
Podophyllum peltatum
Polemonium reptans

C. orata 1

U. fulva 25

P. geraniifolia 8

~~Habena~~ ?

Acronychia 10

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 2 4 5, 10
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
✓ R. missouriense
Rosa sp.
Rubus allegheniensis
✓ R. occidentalis 10
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 3 6 9
V. pubescens
Vitis aestivalis 8
V. riparia
✓ Xanthoxylum americ. 7 8 9 10
Zizia aurea

Veronica thapsus

Smilax

maria alba