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Site 1815: Dane County, Township 9N, Range 9E, Section 4. 1957-08-22

[s.l.]: [s.n.], 1957-08-22

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1815

Name:

County: Dane

Date: Aug 22, 57

Size of Stand: 15 acres

Forest Type: Oak

Topography: Level

Locality:

T: 9N

R: 9E

Sec: 4 SE 1/4

Observers: ETL

Size of Area Sampled: 15 acres

Soil Type:

Slope:

Directions:

Condition of Stand:

Good slight cutting
grazed for 21 years
brush cut at start.

7-16 cows + calves

adj. stand
ingraz. for 15 yrs.

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.

A₀
A₁
A₂
B

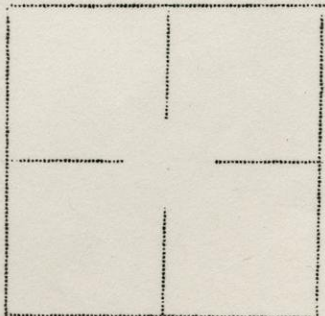
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

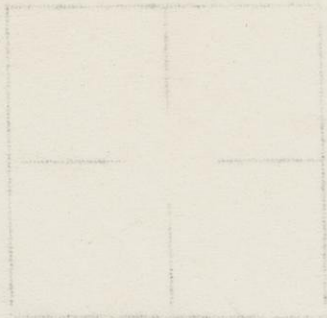
A₀ 0-1/2 leaf + herb litter
A₁ 2-4 black sandy loam
A₂ 2 white sand
B

Parent Material:

Map:



milw
45249



note:

General description:

B _____
 VS _____
 VI _____
 V _____

DETERM _____
 CHARACTERISTICS (color, texture, size, etc.) _____
 B _____
 VS _____
 VI _____
 V _____

	LN	H	B	K	CS	MS	OLE. MAT.	COLORS	A.M.C.
Soil Data:									
3:			2:			2:		15:	
5:			3:			3:		17:	
7:			4:			4:		19:	
Remarks:									
Other ground data:									

Composition of ground:

Location:	State:	Direction:
Forest type:	Soil type:	
Size of ground:	Size of area sampled:	
Date:	Operator:	
County:	L: H: Sec:	
Name:	Locality:	

FIELD RECORD

LOCUS

STATION NO.

Date from No. 50

Plant species. Research

Number of specimens

32

1157.8

Ave. Dist.
Btw'n Trees
17.9
320.4
Ave. BA
(Total
BA $\div$ 80)
107.0
No. Trees
Per acre
135.9
Dom. per
acre
14541.3
Cover
64.2 %

41
1681
26 sap/acre

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1815

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	160 120	1 190	120 140		120 20 35	3 160	3 20 22 25 20	3 30 100 25	1 100 22 25 45	2 100 4
Celtis occ										
Crataegus sp.	2	4	4	3	1	1	1	3	2	
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	50	1 45	50 60			75		140		30
Quercus alba		120		35 26 28 30	1 490					
Q. ellipsoid										
Q. macrocarpa						40				180 120
Q. rubra										
Q. velutina	420	420								
Tilia amer										
Ulmus amer										
Ulmus fulva						60				
	35, 95 26, 100	65, 100 40, 90	2, 8 5, 5	30, 25 26, 32	19, 25 34, 60	50, 35 34, 32	45, 31 48, 40	15, 8 20, 35	75, 30 45, 40	20, 35 32, 70
Distance	27, 28 22, 24	20, 24 8, 25	32, 17 22, 25	11, 17 22, 21	3, 21 35, 20	35, 15 8, 11	2, 2 3, 10	15, 22 13, 8	28, 20 9, 18	10, 3 20, 7
	0	40	0	90	85	75	80	80	60	95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1816

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum					40					
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	12 26 80	3 130 50	75 2 130 140 45	1 90 2 120 1 90 80 100 120	2 120 1 90 2 140 3 200 1					20 170 1
Celtis occ	140			130						
Crataegus sp.	1		1	2	2	2	1	1	1	1
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot			1	1	50	1	40		1	1
Quercus alba			50			80	130 140	220 280 140	260	280
Q. ellipsoid										
Q. macrocarpa		25							240 60 25	55
Q. rubra										
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva									2	1
	100, 10 40, 50	100, 27 35	10, 100 32	160, 15 100, 15	30, 10 100, 75	50, 48 75, 15	46, 63 50, 48	25, 8 22, 100	5, 15 100, 35	30, 63 60
Distance	8, 5 17, 26	21, 17 11, 22	13, 18 8, 42	5, 32 23, 33	13, 8 22, 14	18, 26 24, 40	44, 22 10, 40	16, 12 5, 24	11, 23 8, 20	12, 14 30, 17
	85	20	95	80	95	85	80	85	90	95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1815

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	50 40	85 1	3 80 20	3	3 65 4	100 4 120 110	35 4 45 130 20	20 4 15 100	100	
Celtis occ										
Crataegus sp.	4	3			1					
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot		65		30 40						
Quercus alba	240 180	160 490	490 180		200 90 120 1100	200 200 140				140
Q. ellipsoid			60 100							
Q. macrocarpa			1	1					90	120 160
Q. rubra										
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva										
	10, 15 18, 30	3, 8 4, 18	35, 53 34, 61	35, 75 55, 60	20, 16 100, 35	24, 41 8, 75	32, 28 25, 42	26, 28 31, 8	13, 50 21, 55	
Distance	5, 40 10, 27	11, 9 40, 30	16, 22 24, 18	13, 8 9, 11	22, 35 12, 16	13, 14 30, 8	7, 21 10, 14	10, 20 20, 19	3, 21 9, 25	27, 22 11, 8
	50	80	65	50	50	80	75	80	80	80

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1815

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	100 50	1 120	3 90 45	3 180 15 75	3 160 75 50	2 15 30 35	3 85 120	4 60 120 50 85	4 75 30 25	4 35 60
Celtis occ				120						
Crataegus sp.	3	1	1	1	2	1				
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										20
Quercus alba		120 380	200 130		10	290	50		160	140
Q. ellipsoid										
Q. macrocarpa	45 20									
Q. rubra										
Q. velutina		230								
Tilia amer										
Ulmus amer										
Ulmus fulva							85			
	15, 30 50, 25	25, 20 40, 45	60, 50 17, 53	15, 41 42, 38	20, 20 18, 10	25, 40 85, 75	50, 40 100, 40	29, 12 40, 8	100, 100 30, 50	60, 62 62, 78
Distance	15, 30 17, 19	5, 2 18, 28	30, 14 15, 48	14, 26 28, 24	14, 22 29, 21	8, 8 11, 15	11, 21 12, 21	21, 11 9, 26	17, 13 22, 8	10, 17 9, 22
	75	90	0	15	95	50	40	85	5	10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1215

Ambrosia artemisiifolia
A. trifida
Anemone cylindrica
Arabis canadensis
Arctium minus 2
Bidens sp.
Cerastium vulgatum 1
Chenopodium hybridum 36
Cirsium arvense 1
C. discolor
Cornus stolonifera
Dioscorea villosa
Elmus canadensis
Leonurus cardiaca
Lithospermum latifolium
Medicago lupulina
Milium effusum
Muhlenbergia schreberi, 10
Oxalis stricta 123, 110
Panicum leibergii
Asclepias virginica 3689, 10
Urtica
Achillea millefolium
Viola pedata

Physalis heterophylla
Pilea pumila 3456787, 10
Plantago sp. 12369
Plantago lanceolata
Poa compressa
P. pratense 12589, 10
Polygonum convolvulus
P. hydropiper 2356789, 10
Prunella vulgaris
Rudbeckia hirta
Rumex acetosella
Scrophularia marilandica
Senecio pauperculus
Setaria glauca
Solanum nigrum 3459
Solidago latifolia
S. caesia
Stellaria media
Taraxacum officinale 124
Trifolium hybridum 123568
T. pratense. 5

Potentilla norvegica

~~Grass~~ *Sisymbrium officinale*. 5
Verbena urticastolis
Digitaria sanguinalis

Anthem. catula

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 5
Allium tricoccum
Amphicarpa braceata 457
Anemone quinquefolia
A. virginiana
Anemonella thalictroides 45
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 23456789
✓Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 7,10
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
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa 1
Fragaria virginiana 5
Galium aparine
G. circaeazans
G. concinnum 8
G. lanceolatum
G. triflorum
Geranium maculatum 156
Gerardia grandiflora
Geum canadense 123
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. 2
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phlox divaricata
✓Phryma leptostachya
✓Podophyllum peltatum
Polemonium reptans 4678

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 10
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 45
S. marilandica 2
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 124567,10
V. pubescens 4
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

✓A. fulva 45
P. Serotina 4
C. Orat 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1815

Ambrosia artemisiifolia 9

A. trifida

Anemone cylindrica

Arabis canadensis

✓ Arctium minus 6

Bidens sp.

Cerastium vulgatum 8

Chenopodium hybridum 28, 10

Cirsium arvense 18

C. discolor

Cornus stolonifera

Dioscorea villosa

Alnus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 2

Oralis ^{Europe} stricta 1268

Panicum leibergii

Acalypha virginica 1234567910

Erigeron - 6

onopeltis cataniv

✓ Verbascum thapsus

Physalis heterophylla

Pilea pumila 23456710

Plantago sp. 278910

Plantago lanceolata

Poa compressa

P. pratense 1246789

Polygonum convolvulus

P. hydropiper 12456789, 10

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 89

Solanum nigrum 13, 10

Solidago ^{altissima} latifolia

S. caesia

Stellaria media

Taraxacum officinale 29

Trifolium hybridum 69, 10

T. pratense.

~~Festuca~~ 18

A2 aster latiflorus

Grass 25 Festuca obtusa

Euphorbia gypsin 9

Erechtites

hieracifolia

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

✓ Actaea pachypoda *Rubra*
 Adiantum pedatum
 Agrimonia grypsossepala
 Allium tricoccum
 Amphicarpa braceata 24
 Anemone quinquefolia
 A. virginiana
 Anemonella thalictroides 2
 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. pennsylvanica 123456789,10
 Caulophyllum thalictroides
 Celastrus scandens 5
 Circaea quadrisulcata 5
 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 1,8
 Erigeron pulchellus 6
 Erythronium albidum
 Eupatorium purpureum

Eupatorium rugosum
 Festuca obtusa
 Fragaria virginiana 2679
 Galium aparine
 G. circaeans
 ✓ G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium maculatum 14810
 Gerardia grandiflora
 ✓ Geum canadense
 Goodyera pubescens
 Habenaria bracteata
 Hackelia virginica
 Hamamelis virginiana
 Helianthus strumosus
 Hepatica acutiloba
 ✓ Heuchera richardsonii 79
 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
 Phlox divaricata
 Phryma leptostachya
 Podophyllum peltatum
 ✓ Polemonium reptans 1238

Polygonatum canaliculatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus 69
 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 6,10
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. tamnoides 6
 Solidago altissima
 S. flexicaulis
 S. ulmifolia
 Thalictrum dioicum
 Tovarva virginiana
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 ✓ Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrium virginicum
 Viburnum acerifolium
 V. rafinesquianum
 Viola cucullata 15689
 V. pubescens 10
 Vitis aestivalis
 V. riparia
 Xanthoxylum americ.
 Zizia aurea

Additional species:

C. ovata 2,45

G. fulva 35

P. serotinus