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Site 1809: Dane County, Township 7N, Range 8E, Section 23. 1957-07-17

[s.l.]: [s.n.], 1957-07-17

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1809

Name:

County: Dane County

Locality:

T: 7N

R: 8E

Sec: 23 NE 1/4

Date: 7/19/57

Observers:

Size of Stand: 20 acres

Size of Area Sampled: 20 acres

Forest Type: oak

Soil Type:

Topography: Kroll to SE corner

Slope: steep to level. Directions: NW

Condition of Stand: weedy tall, not grazed in 1958
not grazed to sod except at edges - may be
cover - looking?

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									

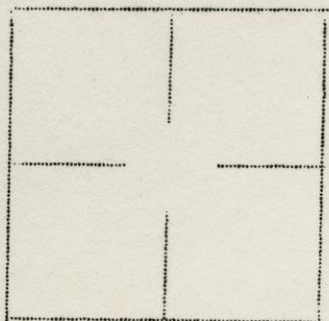
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



34

987.5

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1809

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										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	180 160	310 100	330 230 120	120 300	250 300 95 230	270 250		96 200	150 180	85 120 70 160
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	310 330	350 370	270	230 270		140 400	190 120 180 1170	190 170	130 190	
Tilia amer										
Ulmus amer										
Ulmus fulva										
Acer negundo										
P. virginiana										
	25	20 35 48	75,35 40,30	40,50 15	15,20 45,60	45,60 22	37,75	75,90 60	50,20 40	15,30
Distance	11,14 5,42 80	14,30 16,50 70	27,28 13,15 40	20,23 30,35 70	16,33 26,7 66	8,38 16,22 60	11,13 8,8 40	19,16 29,10 70	13,25 8,30 70	10,13 9,26 85

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1809

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum						100 95	140 170 170 330			
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ	1	1								
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	1									
Quercus alba	100	50		55 70 40				140 100 120 120	100 270	65 30 35 145
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	130 110 180	160 120 510	100 110 120 190	200	290 210 85 160	230 380			310 270	
Tilia amer										
Ulmus amer										
Ulmus fulva										
	50 35	45								
Distance	20,13 11,14 30	12,24 5,11 55	17,22 8,5 85%	15,20 8,5 0	25,16 11,27 30	5,15 12,22 95	9,15 5,13 95	5,14 9,9 80	32,10 10,32 60	35,30 15,18 80

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1809

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										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	140	55	130	80	140	200 160	200 50 200 120	60	20	120
Q. ellipsoid										
Q. macrocarpa										
Q. rubra	470				290	290 220			120	240
Q. velutina	220 170	160 140 120	240 580	320 200 120	150 150			260 200 220	170 110	120 180
Tilia amer										
Ulmus amer										
Ulmus fulva										
P. virginiana										
									25	
Distance	10, 24 26, 26	8, 25 13, 16	20, 30 18, 20	24, 70 22, 20	12, 4 5, 35	11, 34 10, 42	13, 13 27, 65	8, 90 19, 4	9, 18 25, 22	5, 11 16, 27

Cover

60%

35

40

10%

75%

80

60

95

50

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1209

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										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot									1	1
Quercus alba	40		30	30			85	85 120		135 110
Q. ellipsoid										
Q. macrocarpa	15	1	1							
Q. rubra										
Q. velutina	140 110	200 180 80 110	210 190 180	190 200 160	130 220 130 100	170 180 160 140	310 130 190	180 220	90 140 140 160	320 100
Tilia amer										
Ulmus amer										
Ulmus fulva										
		25	30						55	3
Distance	22,9 9,50 60%	11,21 25,25 60	30,15 22,14 40	23,9 30,22 40	11,21 9,20 50	13,35 16,20 0	9,30 27,25 80	5,45 32,20 85	11,17 11,13 60	13,24 17,25

Stand location. _____

Stand No. _____ 1809

Ambrosia artemisiifolia 2

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 12 7, 8, 9, 10

Bidens sp. 14

Cerastium vulgatum

Chenopodium hybridum albidum 45, 7, 9

Cirsium arvense 12

C. discolor

Cernus stolonifera

Dioscorea villosa

Elymus canadensis

Leonurus cardiaca 1, 7

Lithospermum latifolium

Medicago lupulina

Miliun effusum

Muhlenbergia schreberi

Oralis stricta 10

Panicum leibergii

urtica 1356, 7, 8, 9, 10

A 2 Linaria vulgaris

Syrphium alba 36

C 7 verbenia urticae.

Solidago 9 gigantea

Physalis heterophylla

✓ Pilea pumila 79, 10

Plantago sp. 5 79, 10

Plantago lanceolata

Poa compressa

P. pratense 2

Polygonum convolvulus

P. hydropiper 12 568, 9, 10

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum docanum 1

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 2

Trifolium hybridum 79

T. pratense.

Cat mis 12, 6, 7, 10

Timothy

Ribes heritolibn 568

✓ potentilla norvegica

Verbenia urticae folia

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia grypsosepala
Allium tricoccum
Amphicarpa braceata 6789,10
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
A. sagittifolius
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pennsylvanica 2P2
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 1345678,10
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
Fragaria virginiana 3
Galium aparine 3
G. circaeazans
G. concinnum
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 Carteri
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa 3
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton.
O. longistylis 10
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica 2,7,10
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya 2345,68,9,10
Podophyllum peltatum
Polemonium reptans

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

Additional species:

Ranunculus recurvatus 1368
✓ Calanagrostis canadensis

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1809

Ambrosia artemisiifolia 23489

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 89

Bidens sp. 123

Cerastium vulgatum 12368

Cheilopodium hybridum albidum 8, 9, 10

Cirsium arvense 2359

C. discolor

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

✓ Leonurus cardiaca 6

Lithospermum latifolium

✓ Medicago lupulina 34

Milium effusum

Muhlenbergia schreberi

Oxalis stricta 24589, 10

Panicum leibergii

Eragrostis 23

A. tri-leaf 2567 Linaria vulgaris

Crucianthemum 3

Achillea millefol 34

B. basal rosette 345 Erag. philadelphicus

Physalis heterophylla

Pilea pumila

Plantago sp. 12346

Plantago lanceolata

Poa compressa

P. pratense 12348

✓ Polygonum convolvulus

P. hydropiper 23689, 10

Prunella vulgaris 123

Rudbeckia hirta

Rumex acetosella

✓ Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum 5679

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 12356

Trifolium hybridum 136

T. pratense. 24

202 22551

catnip 235689, 10

Secur. alba 5, 10

✓ Oleocoma

white sweet clover

✓ Anemone oleum arvense

✓ Canabis setiva

Sisymbrium officinale 8

solidago? 9

wristica 10

Cynoglossum officinale

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 59, 10
Anemone quinquefolia 67
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
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pennsylvanica sp. 6
Caulophyllum thalictroides
Celastrus scandens 6
Circaea quadrisulcata 23 5678, 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 9
Festuca obtusa
Fragaria virginiana 48
Galium aparine
G. circaeans
G. concinnum
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 6
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton.
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica 234678
Parthenocissus inserta 10
Phlox divaricata
Phryma leptostachya 269, 10
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 46
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 27
R. occidentalis
R. strigosus
Sambucus canadensis 10
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 12458
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Lonicera tartarica

Ranunculus recurvatus 5679, 10

2 rubra 67

Barberry

Ribes hirtellum

Paronychia
canadensis