



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1557: Sauk County, Township 11N, Range 5E, Section 35, SW 1/4.

[s.l.]: [s.n.], [s.d.]

<https://digital.library.wisc.edu/1711.dl/TKDS4CAPHOP5L86>

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.

1557 Stand # lcl Stand # 1557

Stand # 1557

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1557

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum						3				
A. saccharum			15							
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	58	2	2		53				19	25
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am	1	1					140	2		
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	18 25	76 33	107	2	40 87	2 56	17 68	48 84	60 91	34 106
Q. ellipsoid								34 83		
Q. macrocarpa										
Q. rubra	73	37 12	55 150	38 17				20 42 67	75 20	49
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva										
	12 16 10 19	7 23 8 24	16 14 6 22	5 11 8 22	13 18 17 23	25 13 23 20	18 20 14 15	13 16 16 17	13 15 14 20	14 25 16 28
Distance	16 10 10 12	20 7 5 23	11 8 11 22	12 8 13 14	8 10 9 15	5 8 14 12	7 8 12 11	8 7 9 12	13 8 7 20	10 14 15 13
		55	60		80	65		60	70	

High
Like Out 190

In Hi 40 40 180 65 75 90
~~Low~~ 35 45 30 35

Soil A₀ $\frac{1}{8} - \frac{1}{4}$ Much red & grass

A₁ 1-2" Silt loam

B 2"

C Sandstone (c. 4" below top)

Maybe was heavily cut
quite long ago.

Many Oak stump left,
but only 1 stem now.

Acer rub. few in here.

If cut now, maybe
A. rub. would expand.

Acer rub. CC



St S. slb



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1557

STATION NO.	1	2	3	4	5	6	7	8	9	20
Acer rubrum		1	1	1		2	1			
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	26 18 36 20	14	2 28 21	1 35 61			1	1	1	1
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am	54	1		41	1	12	1	2		1
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	1		1		1			1	2	2
Populus gran										
P. tremul										
Prunus serot									1	
Quercus alba	1	77 45 27		33	1	19 145	132	23 133	66 34	15
Q. ellipsoid									65	
Q. macrocarpa					15					
Q. rubra			42 35	1	37 45 60	22	172 40	14	58	51 40
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva										
	9 22 20 24	8 21 8 22	28 10 23 17	13 18 14 25	8 16 12 16	15 19 18 23	8 9 9 18	11 9 18 11	6 16 7 13	12 9 11 26
Distance	10 14 11 9	8 13 20 16	17 12 11 10	14 9 5 9	8 13 9 14	16 12 2 7	10 13 11 14	8 7 12 12	10 14 8 16	11 12 8 19

65

40

60

10

80

75

45

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1557

STATION NO.	1	2	3	4	5	6	7	8	9	30	
Acer rubrum										2	
A. saccharum											
Betula papy.											
Carpinus car											
Carya cord											
C. ovata	1	47 23 28	3 32	28 32	2	1	1	35 39 2841	3 16	1	27
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am	1	1		1			2		1	2	
F. nigra											
Juglans cin.											
J. nigra											
Ostrya virg	1			2						1	
Populus gran											
P. tremul											
Prunus serot											
Quercus alba	14 155	102	23	104 15	43	1	15 149	85	13 3750	42 7014	
Q. ellipsoid											
Q. macrocarpa											
Q. rubra	24 29		220	29 30 75	30 65 141	1	109 93 3841 4950	295	1	42	15 42
Q. velutina											
Tilia amer											
Ulmus amer											
Ulmus fulva											
	7 10 12 20	6 10 9 15	8 12 9 31	12 9 10 14	2 10 19 6	11 16 14 20	20 19 20 8	5 18 17 20	18 16 16 22	11 20 15 12	
Distance	18 9 8 16	22 15 7 16	17 19 11 12	8 17 9 21	16 6 7 17	11 6 13 22	12 17 13 28	12 17 7 10	7 10 8 15	6 12 7 10	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1557

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										
15-20 48.4 48.8 145.8 Quercus alba 529.9	A-3 A-5 T144	A-4 A-4 A-4	A-5 (A-3 SD) A-5 T15		B-3	A-4 B-4 C-3	B-3	A-5 T14 A-4		
Q. ellipsoid										
Q. macrocarpa										
16-21 51.6 51.2 154.2 Q. rubra 863.5	B-2 SD A-4	A-5 T55+1T	A-5 T50	A-3 B-4 A-5 T40	A-5 T16 A-5 T28		A-5 SD A-5 SD T25	A-5 T50+2T A-5 T102+1T		
Q. velutina										
Tilia amer										
Ulmus amer										
Ulmus fulva										
Distance	N 22 22 36	16 32 30 22	9 22 15 25	19 23 21 24	12 16 14 26	3 33 29 25	5 12 10 18	11 27 12 19		

CI = 1388.4

ave.

19.4'

116/ac.

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

Grazed, stumps disappeared fast.

∴ few stumps, these
(fallen trees + ? sprts)

STATION NO.	1	2	3	4
Acer rubrum				
A. saccharum				
Betula papyr.				
Carpinus car.				
Carya cord.				
C. ovata				
C. alba				
Crataegus sp.				
Fagus grand.				
Fraxinus am.				
F. nigra				
Liquidambar				
L. styrac.				
Ostrya virgin.				
Populus gran.				
R. fraxinif.				
Prunus serot.				
Q. alba				
Q. ellipsoid.				
Q. macrocarpa				
Q. rubra				
Q. velutina				
Tilia am.				
Ulmus am.				
Ulmus fulva				
Distance	11	12	13	14

Tree	:No. :No. :		:No.Pts.:No. :		:F.% :D.% :		:F.% :D.% :		:Dom.% :		:I.I. :C.I. :		:T. :S. :	
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	I.I.	C.I.
Acerrubrum				11	15	11.3	12.5	35.7	249.9					
A. saccharum	1	1	15	2	2	2.1	1.7	5.7	57.0	1.5	.8	.3	2.6	26.0 15
Carya cord.			(23)											
C. ovata	13	21	717	20	28	20.6	23.3	65.8	296.1	20.0	17.5	10.2	47.7	214.6 34.1 31.2
Celtis occiden.														
Fagus grand.				3	3	3.1	2.5	8.4	8.4					
Fraxinus amer.	4	4	247	22	26	22.7	21.7	66.6	446.2	6.2	3.3	3.5	13.0	87.1 61.7
F. lanceolata														
F. pennsylvani														
Juglans cinere														
J. nigra														
Ostrya virgin.				14	17	14.4	14.2	42.9	373.2					
Populus grand.														
P. tremuloides														
Prunus serotin			(52)	2	2	2.1	1.7	5.7	20.5					
Quercus alba	25	51	3137	11	13	11.3	10.8	33.1	119.2	38.5	42.5	44.7	125.7	452.5 61.5 60.3
Q. ellipsoidalis														
Q. macrocarpa			(50)											
Q. rubra	22	43	2899	12	14	12.4	11.7	36.1	202.2	33.8	35.8	41.3	110.9	621.0 67.4 58
Q. velutina														
Tilia american														
Ulmus american														
U. rubra														
	65	120	7015	97	120	100	100.1	300	1772.7	100.0	99.9	100.0	299.9	1401.2

1.08 stems/tree

+371.5

Canopy 61.2%

AcBA 1557

Ave. Dist.

Btw'n Trees

11.8 15

Ave. BA

(Total

BA ÷ 80)

58.5 54

No. Trees

Per acre

310.7 193.6

Dom. per

acre

18,176

14.2%

1557

CI = 1401

Crataeg.

	Sap.	12- 19	20- 28	29- 38	39- 50	51- 63	64- 78	79- 95	96- 113	114- 132	133- 153	154- 176	177- 201	202- 254	255- 314	315- 380	381- 452	
Pop. trem.	5	3																
Quercus ellip.																		
Q. macrocarp.																		
Q. velut.																		
Prun. serot.	3	2																
Querc. alba	21	13	10	7	7①	7	3	6	5	4	1	3	1	1				132 51① 2
Pop. grand.																		
Carya ovata	45	28	3	10①	3	2①	3											54 21② 5
Querc. rubra	23	14	7	4	7	10③	4	5①		1①		2②	1		1	1		112 43② 18
Juglans nig.																		
Frax. amer.	42	26	1			1	1											10 4
Acer rubrum	24	15																
Tilia amer.																		
Jug. cinerea																		
Ulmus amer.																		
Celtis occ.																		
Ulm. rubra																		
Carya cord.																		
Ostrya virg.	28	17																
Acer sacc.	3	2	1															3 1

120

120 ⑩
25

Sap CI = 1773

#/acre

194

145

105.8

28.9

23.3

2.6

2.6

311

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Sauk Co.
11 N 5 E SW 35
Stand No. 1557
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 126 78 10 13
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp. 1, 3 7 9 10 13 16 17 18 19 20
Aplectrum hiemale
✓ Apocynum androsaemifolium 13
Aquilegia canadensis
Aralia nudicaulis 5 10 11 13 14 15 16 17
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
✓ Aster macrophyllus 34 56 7 10 11 12 13 14 15 16
A. sagittifolius 9 20
A. shortii
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum 4, 12
Campanula americana
Carex albursina 8 10
C. pensylvanica 23 56 7 9 11 12 13 14 15 16 18
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 6 8 11
Claytonia virginiana
Cornus alternifolia
C. femina 12 4 5 10 12 13
C. rugosa
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum 6 11 18
✓ D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 13 45 9 13 15
Galium aparine
G. circaezans
✓ G. concinnum
G. lanceolatum 19
G. triflorum
Geranium maculatum 13 56 7 8 10 11 12
Gerardia grandiflora 20 19 18 15 14
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
Helianthus strumosus 12 7 13 15
Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera 6
Lysimachia quadrifolia 17
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton.
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium 13 7 8 9 10 13 14
Parietaria pennsylvanica
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum 2
Polygonatum pubescens
✓ Potentilla simplex 4 5 6 8 9 11 13 15 17
✓ Prenanthes alba
Pteridium aquilinum 19 20
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
✓ Rosa sp. 5 7 8 13 14 20
Rubus allegheniensis 13 16
R. occidentalis
✓ R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
✓ Smilacina racemosa 7 14 15 16 17 18
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 34 6 12
V. rafinesquianum 12 4 5 18
Viola cucullata
V. pubescens
Vitis aestivalis 14
V. riparia
Xanthoxylum americ.
Zizia aurea ✓

Amelanchier
Frax. am. 12 35 6 10 11 13 15
Additional species:

Carya ovata 15 9 16 17
acer rub 1
Q. alba 2 8 20
Rubus 12
Crataegus 11 12 13 14 15 16 19 20

Ostrya 11
Q. rub 11

- Vaccinium myrtilloides 14
- Oxalis 20

- Desmodium canadense 15, 18, 20

- Taraxacum 2

- Vib. lentago 1

- Lathyrus 17 9 16 19

- L. pubescens 13 4 7 8 9 10 11 16 17 18 19 20

- Lobelia inflata 2

- Blechnum lanceolatum 4

SOUTHERN UPLAND HARDWOODS

Presence

1557

Actaea pachypoda
 Adiantum pedatum
 Agrimonia gryposepala
 ✓ Amelanchier spp.
 ✓ Amphicarpa bracteata 35
 Anemonella thalictroides
 ✓ Apocynum androsaemifolium 5
 ✓ Aralia nudicaulis 40
 A. racemosa
 Arenaria lateriflora
 Arisaema atrorubens
 ✓ Aster macrophyllus 65
 ✓ A. sagittifolius 10
 A. shortii
 Athyrium filix-femina
 Botrychium virginianum
 ✓ Brachyelytrum erectum 10
 ✓ Carex albursina 10
 ✓ C. convoluta 10
 ✓ C. pensylvanica 70
 Caulophyllum thalictroides
 Celastrus scandens
 ✓ Circaea quadrisulcata 15
 Cornus alternifolia
 ✓ C. femina 35
 C. rugosa
 Corylus americana
 Cryptotaenia canadensis
 ✓ Desmodium glutinosum 15
 ✓ D. nudiflorum
 Dioscorea villosa
 Eupatorium purpureum
 E. rugosum
 Festuca obtusa
 ✓ Fragaria virginiana 35

Galium aparine
 G. circaezans
 ✓ G. concinnum
 ✓ G. lanceolatum 5
 G. triflorum
 ✓ Geranium maculatum 75
 Geum canadense
 Hackelia virginiana
 ✓ Helianthus strumosus 25
 Hepatica acutiloba
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens biflora
 Lactuca biennis
 Laportea canadensis
 ✓ Lathyrus ochroleucus
 ✓ Lonicera prolifera 5
 ✓ Lysimachia quadrifolia 5
 ✓ Monarda fistulosa
 Osmorhiza claytoni
 O. longistylis
 ✓ Oxalis violacea 5
 ✓ Panicum latifolium 40
 Parietaria pensylvanica
 Parthenocissus vitacea
 Phlox divaricata
 Phryma leptostachya
 Podophyllum peltatum
 Polemonium reptans
 ✓ Polygonatum canaliculatum 5
 P. pubescens
 Polygonum virginianum
 ✓ Potentilla simplex 55
 ✓ Prenanthes alba
 ✓ Prunus virginiana

Pteridium aquilinum
 Pyrrola elliptica
 Ranunculus abortivus
 ✓ R. recurvatus
 R. septentrionalis
 Rhus radicans
 R. cynosbati
 R. missouriense
 ✓ Rosa sp. 30
 ✓ Rubus allegheniensis 10
 R. occidentalis
 ✓ R. strigosus
 Sambucus canadensis
 Sanguinaria canadensis
 Sanicula gregaria
 S. marilandica
 ✓ Smilacina racemosa 40
 S. stellata
 Smilax ecirrhata
 S. herbacea
 Solidago canadensis
 S. flexicaulis
 ✓ S. ulmifolia
 Thalictrum dioicum
 ✓ Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virginicum
 ✓ Viburnum acerifolium 20
 ✓ V. lentago 5
 ✓ V. rafinesquianum 25
 Viola cucullata
 V. pubescens
 ✓ Vitris aestivalis 5
 V. riparia
 Zanthoxylum americanum

Additional species:

12
 39
 5
 - Antennaria 55
 - Cirsium

- Desmodium canadense 15
 - Ceanothus americanus
 - Conopholis americana

- Acer rubrum 5
 - Carya ovata 25
 - Crataegus 40
 - Fraxinus amer. 45

- Lathyrus venosus 25
 - Poa comp. 65
 - Lobelia inflata 5

- Ostrya 5
 - Prunus serot. 10
 - Q. alba 15
 - Q. rubra 5

- Vaccinium myrtilloides 5
 - Ilex verticillata
 - Taraxacum 5
 - Steironema lanceolatum 5

1557

CI = 1401

SAP = 1773 + 1

H = 227 - 1

750

550

350

250

150

100

50

25

1

4

7

10

13

16

19

22

25

