



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1538: Dane County, Township 6N, Range 12E, Section 8.

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

<https://digital.library.wisc.edu/1711.dl/7PFY3ZIER4CFB8A>

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.

1538 Stand #

Clear

Stand # 1538

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

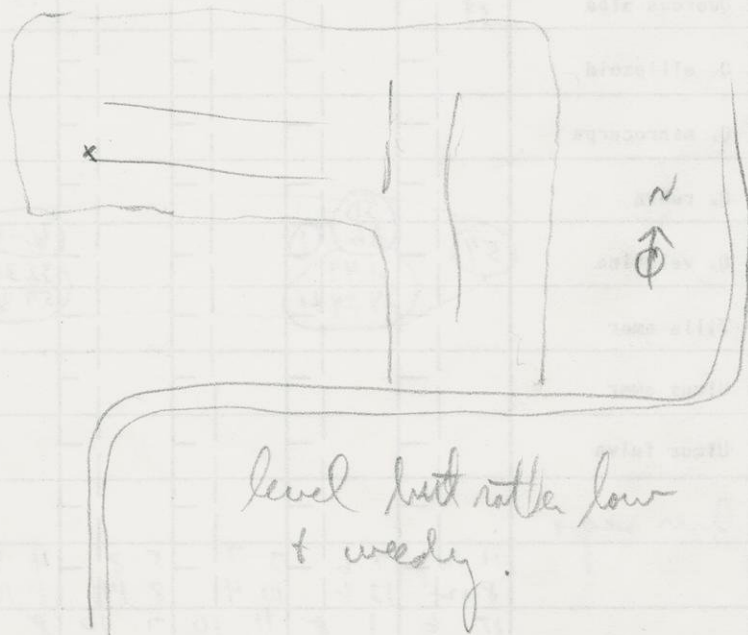
Stand No. 4538

STATION NO.	1	2	3	4	5	6	7	8	9	10										
Acer rubrum																				
A. saccharum																				
Betula papy.																				
Carpinus car																				
Carya cord																				
C. ovata	2	3	2	16	3	1	14	3	2	35	4	18	2	16	3					
Celtis occ										32	20									
Crataegus sp.																				
Fagus grand																				
Fraxinus am																				
F. nigra																				
Juglans cin.																				
J. nigra																				
Ostrya virg																				
Populus gran													50							
P. tremul																				
Prunus serot	94	1	21	1320	1	38	17	1	14	3	14	12	2	50	34	13	1			
Quercus alba	13	1		14	1	12		45				15	15		22					
Q. ellipsoid																				
Q. macrocarpa																				
Q. rubra																				
Q. velutina	54	50	86	1		60+1	68	48	13						2	12				
Tilia amer		61	49			32	35	15	51	80	41				111					
Ulmus amer		24	54	1		54	38			28					66					
Ulmus fulva																				
Acer neg.																				
	11	16	7	6	3	7	5	8	4	9	4	8	12	15	7	5	7	9	10	7
	8	12	13	6	10	4	8	14	8	10	6	11	14	18	8	12	8	11	8	19
	15	6	1	8	11	10	7	10	8	8	12	15	11	11	3	9	13	7	11	10
Distance	10	13	6	21	7	9	7	14	13	9	15	13	6	7	12	17	2	14	11	13

Soil A₀ $\frac{1}{2}$
 A₁ 2" silt loam

CC c. 30 yrs. ago.
 except for few logs shipped.

Dead dog tied to tree at x.
 Look for skeleton 10 yrs. hence.



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1538

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer rubrum															
A. saccharum															
Betula papy.															
Carpinus car															
Carya cord															
C. ovata	12	4221	1	222	4	12	1	21	225 28 2512	4	13	3	31 18	2	1
Celtis occ															
Crataegus sp.															
Fagus grand															
Fraxinus am															
F. nigra															
Juglans cin.															
J. nigra															
Ostrya virg															
Populus gran	42														
P. tremul															
Prunus serot	52	3616 2115	1	53	2	46	27	2			1		1		2
Quercus alba										16			1	24	
Q. ellipsoid															
Q. macrocarpa			2	198											
Q. rubra															
Q. velutina	16 31 18 65		19 24		51 29		13 15 15	1		45 46 21 38 24 14		67 79	31	12 52 24	19 75
Tilia amer															
Ulmus amer															
Ulmus fulva															
Oak neg															
	7 10 4 10	9 18 6 21	3 12 13 20	10 20 12 8	6 21 13 18	10 10 7 11	11 7 16 9	7 13 12 14	7 7 12 8					14 6 15 9	
Distance	7 19 18 20	25 9 12 21	15 8 15 21	15 11 12 19	8 11 8 24	23 15 4 3	9 16 10 10	5 14 11 20	23 20 5 21					5 15 14 15	
	75		65		75		75		60						

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1538

STATION NO.	1	2	3	4	5	6	7	8	9	30
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	23 25	31 13	3 25	4 29	2 18	4 25	3 3	3 3	15 22	2 2
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	16	3	15 44 68	43 30		19 41 28 55	23	20 25		17
Quercus alba					12		27 19	12		19
Q. ellipsoid										
Q. macrocarpa										15
Q. rubra		26 25			74					
Q. velutina	62	96 18 28	28	21 23	90 32 46	24 23 31	169 104	71 37	15 38	19
Tilia amer										
Ulmus amer										
Ulmus fulva										
✓ Morus sp.										
✓ Pyrus ioensis										
	7 13 12 14	6 4 2 18	2 13 3 15	4 6 17 26	4 14 9 25	2 15 13 16	5 7 6 11	8 11 14 17	1 7 5 9	2 7 7 11
Distance	14 14 18 11	11 13 12 16	7 12 11 13	16 10 14 21	15 10 12 23	15 7 8 7	18 7 10 12	6 8 6 1	9 10 10 8	9 5 5 13

65

50

70

75

85

CE

AVBA 1538

Tree	No. : Pts.	No. : Tr.	No. : Dom.	No. Pts. : Sap.	No. : Sap.	F. % : Sap.	D. % : Sap.	F. % : Seed	D. % : Seed	F. % : Tr.	D. % : Tr.	Dom. % : Trees	I. I. : I. I.	C. I. : C. I.	Tr. : Tr.	St. : St.
Acerrubrum																
A. saccharum																
Carya cord.																
C. ovata	20	29	817	30	76	46.9	63.3	165.3	743.8	25.3	24.2	14.4	63.9	287.6	28.2	28.2
Celtis occiden.																
Fagus grand.																
Fraxinus amer.																
F. lanceolata																
F. pennsylvani																
Juglans cinere																
J. nigra																
Ostrya virgin.																
Populus grand.	2	2	92							2.5	1.7	1.6	5.8	24.9	46	46
P. tremuloides																
Prunus serotin	22	38	1281	20	28	31.3	23.3	81.9	294.8	27.8	31.7	22.6	82.1	295.6	33.7	28.5
Quercus alba	10	12	232	4	4	6.3	3.3	14.4	51.8	12.7	10.0	4.1	26.8	96.5	19.3	19.3
Q. ellipsoidalis																
Q. macrocarpa	2	2	213	2	3	3.1	2.5	8.4	8.4	2.5	1.7	3.7	7.9	7.9	106.5	106.5
Q. rubra																
Q. velutina	23	37	3045	5	6	7.8	5.0	19.2	48.0	29.1	30.8	53.6	113.5	283.7	82.3	42.3
Tilia american																
Ulmus american				1	1	1.6	.8	3.6	16.6							
U. rubra																
Acer neg.				2	2	3.1	1.7	7.2	7.2							
	79	120	5680	64	120	100.1	99.9	300	1170.6	99.9	100.1	100	300	996.2		

Ave. Dist.
Btw'n Trees sap
11.73 10

Ave. BA
(Total
PA ÷ 80) stem
47.3 25.1

No. Trees
Per acre sap
316.6 435.6

Dom. per
acre
14,975.2

1.35 stems/tree

+174.4

Canopy 71%

stems	1	2	3	4	5	Total	single	mult.	tree	stem	% mult.	stem/acre	Only multiple			#	% of total	% mult.
Q. alba	12					12	12	0	12	12	0	1				1	8.3	0
Q. macrocarpa	2					2	2	0	2	2	0	1						
Q. velutina	15	13	6	2	1	37	15	22	37	72	59.5	1.95	22	57	2.59	29	78.4	75.9
							29	22	51	86	43.1	1.69						
No Q. macrocarpa							27	22	49	84	44.9	1.71						

Ave. BA
(Total)
BA + AB
No. Trees
Per acre
Dens. per
acre

Q. alba
Q. macrocarpa
Q. velutina
Q. elliptica
Q. macrocarpa
Q. robur
Q. velutina
Tilia americana
Ulmus americana
U. robur

1538

CI = 996

	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.	7	2																
Quercus ellip.																		
Q. macrocarp.	11	3	1										1					5 2
Q. velut.	22	6	8	4④	4④	2③	7④	5⑦	4⑤	3③								98 37 35 43
Prun. serot.	102	28	13	11①	5④	3	4②	1	1									100 38 ⑦ 18
Querc. alba	15	4	9	2		1												32 12
Pop. grand.					2													5 2
Carya ovata	275	76	12	11	5									1				77 29
Querc. rubra																		
Juglans nig.																		
Frax. amer.																		
Acer rubrum																		
Tilia amer.																		
Jug. cinerea																		
Ulmus amer.	4	1																
Celtis occ.																		
Ulm. rubra																		
Carya cord.																		
Ostrya virg.																		
Acer sacc.																		

120

Sap CI = 1171

120 42
111

#/acre

436

224.4

66

21.1

2.6

2.6

317

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 46
Allium tricoccum
Amphicarpa braceata 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 2471012
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 167131820
Caulophyllum thalictroides
Celastrus scandens 231012
Circaea quadrisulcata 12367101241516
Claytonia virginiana
Cornus alternifolia
C. femina 3678121314151617
C. rugosa
Corylus americana 4514
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 19
Festuca obtusa 15
Fragaria virginiana 7
Galium aparine 2589141576171920
G. circaeazans
G. concinnum 112
G. lanceolatum 4
G. triflorum
Geranium maculatum 29131628
Gerardia grandiflora
Geum canadense 1245891316181920
Goodyera pubescens
Habenaria bracteata
Hackelia virginica 13
Hamamelis virginiana
Helianthus strumosus 613
Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis 19
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza claytonii 167811151820
✓ O. longistylis
Osmunda claytonii
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica 1917161513
Parthenocissus inserta 1345671011
Phlox divaricata
Phryma leptostachya 101112131417
Podophyllum peltatum
Polemonium reptans

✓ Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 9
R. recurvatus
R. septentrionalis
Rhus radicans 4191
Ribes americanum
R. cynosbati 1568101314171920
R. missouriense
Rosa sp.
✓ Rubus allegheniensis 19
R. occidentalis
R. strigosus 38
✓ Sambucus canadensis 20
Sanguinaria canadensis
Sanicula gregaria 2415
S. marilandica
Smilacina racemosa 23471318
S. stellata
Smilax ecirrhata 5
✓ S. herbacea 13
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 10
V. pubescens
Vitis aestivalis
✓ V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Carya ovata 2910111214
P. v. 3.15.16
Ulmus 3415171819
Quercus 5
Populus 6
Catalpa 14

P. alba 18

V. lentago 7

Nepeta 1
Cirsium 16
Androsia trifida 1
Botrych. multif. 2
Poa prat. 34
✓ Xanthoxylum 8918
varietum 9

SOUTHERN UPLAND HARDWOODS

1538

Actaea pachypoda
 Adiantum pedatum
 Agrimonia gryposepala 10
 Amelanchier spp.
 Amphicarpa bracteata 5
 Anemonella thalictroides
 Apocynum androsaemifolium
 Aralia nudicaulis
 A. racemosa
 Arenaria lateriflora
 Arisaema atrorubens
 Aster macrophyllus
 A. sagittifolius
 A. shortii
 Athyrium filix-femina
 Botrychium virginianum 25
 Brachyelytrum erectum
 Carex albursina
 C. convoluta
 C. pennsylvanica 30
 Caulophyllum thalictroides
 Celastrus scandens 20
 Circaea quadrisulcata 55
 Cornus alternifolia
 C. femina 50
 C. rugosa
 Corylus americana 15
 Cryptotaenia canadensis
 Desmodium glutinosum
 D. nudiflorum
 Dioscorea villosa
 Eupatorium purpureum
 E. rugosum 5
 Festuca obtusa 5
 Fragaria virginiana 5

Additional species:

- Cirsium 10
 - Ambrosia trifida 5
 - Botrych. multif. 5
 - Arctium 5

- Carya ovata 30
 - Crataegus 5
 - Populus 5
 - Quercus 5
 - Quercus 5
 - Ulmus am 30

Galium aparine 50
 G. circaezans
 G. concinnum 10
 G. lanceolatum 5
 G. triflorum
 Geranium maculatum 25
 Geum canadense 55
 Hackelia virginiana 5
 Helianthus strumosus 10
 Hepatica acutiloba
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens biflora
 Lactuca biennis 10
 Laportea canadensis
 Lathyrus ochroleucus
 Lonicera prolifera
 Lysimachia quadrifolia
 Monarda fistulosa
 Osmorhiza claytoni 40
 O. longistylis
 Oxalis violacea
 Panicum latifolium
 Parietaria pennsylvanica
 Parthenocissus vitacea 65
 Phlox divaricata
 Phryma leptostachya 45
 Podophyllum peltatum
 Polemonium reptans
 Polygonatum canaliculatum
 P. pubescens
 Polygonum virginianum
 Potentilla simplex
 Prenanthes alba
 Prunus virginiana 15

- Nepeta 5
 - Poa prat. 10

Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus 5
 R. recurvatus
 R. septentrionalis
 Rhus radicans 10
 R. cynosbati 50
 R. missouriense
 Rosa sp.
 Rubus allegheniensis 5
 R. occidentalis
 R. strigosus 10
 Sambucus canadensis 5
 Sanguinaria canadensis
 Sanicula gregaria 15
 S. marilandica
 Smilacina racemosa 30
 S. stellata
 Smilax ecirrhata 5
 S. herbacea 5
 Solidago canadensis
 S. flexicaulis
 S. ulmifolia
 Thalictrum dioicum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virginicum
 Viburnum acerifolium
 V. lentago 5
 V. rafinesquianum
 Viola cucullata 5
 V. pubescens
 Vitris aestivalis
 V. riparia
 Zanthoxylum americanum

- Rhamnus 15

153P

CI = 996

Sap - 11715

H - 293 + 1

750

550

350

250

150

100

50

25

1

4

7

10

13

16

19

22

25

