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1528 Stand #

Clear

Stand # 1528

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1528

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	25	3	12	4	2	3	14	3	1	13 +3
Betula papy.										19
Carpinus car										
Carya cord				1	1					
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	1		15+1	16				45		
Populus gran								36 29		
P. tremul				28						
Prunus serot		39		47 48	28					
Quercus alba										
Q. ellipsoid										
Q. macrocarpa		80				42 43				42
Q. rubra	19 +2	72 74			131 101	43 53	72 81	50 23	23	13 36
Q. velutina					22	36	40			16
Tilia amer		13 14 18 19	23 17		28	23	20 23 29		13+1 26	10 15
Ulmus amer					55 23 21 47+1	22 +2	47 3 58+2		3 26 18+2	2 23+3 2
Ulmus fulva	12 17		41 25	1	38	2				
Canopy	80	5	95	85	5	75	90	5	80	75
Distance	11 7 12 10	10 16 23 17	9 5 10 26	3 15 18 17	5 8 11 9	5 12 9 22	4 18 7 15	15 8 10 8	9 11 11 14	5 10 3 19
Steps	4 15 4 11	4 3 4 15	5 11 17 8	13 21 10 15	8 7 7 15	6 10 10 29	12 19 6 24	3 12 10 16	13 10 11 10	16 15 13 10

POINT RECORD TREES

SOUTHERN HARDWOODS

#1528 5 acres

CC c. 40 yrs
(Prior to 1930 when they moved here)

#1529 Sel Cut.



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1528

STATION NO.	1	2	3	4	5	6	7	8	9	10						
Acer rubrum																
A. saccharum	(19)	3	12 31	3	2	27 +5	3	4	65	4	28	3	(15) 36	2	(16) +1	3
Betula papy.																
Carpinus car																
Carya cord					1										(15) 16	
C. ovata																
Celtis occ																
Crataegus sp.																
Fagus grand																
Fraxinus am																
F. nigra																
Juglans cin.			26													
J. nigra			26													
Ostrya virg			1		(15) +1	1					1		2		1	
Populus gran																
P. tremul			(16) 21 21													
Prunus serot	43				(38)			(43)					(18) 36			
Quercus alba													(75) 43			
Q. ellipsoid																
Q. macrocarpa																
Q. rubra					(24)			(62)				(16) 65 20		(43)		
Q. velutina																
Tilia amer	(140) 20 +2	131 70	1	27	(58) 80 85	(46)		(20 19) 13 13 35 30 18 43 35			25 15				(44) 72 53 50	20 22 28 39 +3
Ulmus amer	(74)				(43)											
Ulmus fulva			39 24	1				(18) 1740	43		32					
Canopy	5	95	90	5	90	90	5	85	85	5						
Distance	8 8 5 15	11 9 11 24	10 7 10 14	19 15 5 23	4 14 9 9	11 5 9 20	7 14 7 14	3 7 10 24	5 14 6 14	5 18 12 19						
Subs	14 15 15 23	20 9 27 25	9 13 18 24	13 14 18 25	4 13 11 16	3 13 12 10	3 10 5 14	5 15 10 16	4 18 10 27	11 25 12 30						

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1528

STATION NO.	21	2	3	4	5	6	7	8	9	10				
Acer rubrum														
A. saccharum	(24) 12	3	3	20	3	1	2	2	515	1	2	21	3	2
Betula papy.														
Carpinus car														
Carya cord														
C. ovata														
Celtis occ														
Crataegus sp.														
Fagus grand														
Fraxinus am														
F. nigra														
Juglans cin.														
J. nigra														
Ostrya virg			1	13	3	1	37	2	3	2	1	2		
Populus gran														
P. tremul														
Prunus serot								29	14	(42)				
Quercus alba	(32) 45						(28)			(38)				
Q. ellipsoid														
Q. macrocarpa			(48)				(26) 41							
Q. rubra	(87)	(56)	(66) 18 42	(32)			(16) 20	(15)						
Q. velutina			25				(49) 28							
Tilia amer	(43) 23	(38) (38)	(22+1) 21 22	28	(27) 40	(13+1) 44-24	27 18 24		(72)		77 15			
Ulmus amer		(14)			(16)	(52) 36-61	(44) 53							
Ulmus fulva				21				(85) 46 61	26					
Canopy	80	85	5	80	90	5	80	75	5	95				
Distance	7 10 8 21	15 7 4 8	8 10 3 11	11 14 13 19	10 18 14 19	23 15 8 18	15 8 15 11	14 7 8 19	8 12 15 9	21 14 10 15				
Notes	17 26 24 24	14 17 16 19	10 15 9 18	24 24 19 19	2 13 9 14	14 16 9 22	8 14 17 10	8 9 10 12	5 16 5 22	3 9 7 12				

C.I.																	Ave. D.A. 152.8	
Tree	No. : Pts.	No. : Tr.	No. : Dom.	No. Pts. : Sap.	No. : Sap.	F. % : Sap.	D. % : Sap.	I.I. : Seed	F. % : Seed	F. % : Tr.	D. % : Tr.	Dom. % : Trees	I.I. :	C.I. :	TR :	ST :		
Acerrubrum																		
A. saccharum	16	17	(19) 934	29	71	46.7	59.1	158.7	158.7	18.4	14.2	12.4	45	450	54.9	49.2		
Carya cord.	1	1	(2) 31	3	3	4.8	2.5	11.1	95.5	1.1	.8	1.4	2.3	19.8	31	15.5		
C. ovata																		
Celtis occiden.																		
Fagus grand.																		
Fraxinus amer.																		
F. lanceolata																		
F. pennsylvani																		
Juglans cinere	1	1	26							1.1	.8	1.3	2.2	16.7	26			
J. nigra																		
Ostrya virgin.	5	5	96	17	25	27.4	20.8	72.3	62.9	5.8	4.2	1.3	11.3	98.3	19.2			
Populus grand.	1	3	110							1.1	2.5	1.5	5.1	21.9	36.7			
P. tremuloides																		
Prunus serotin	10	11	(10) 511	1	1	1.6	.8	3.6	13.0	11.5	9.2	6.8	27.5	99.0	46.4	31.9		
Quercus alba	4	4	(2) 259							4.6	3.3	3.4	11.3	40.7	64.7	43.2		
Q. ellipsoidalis																		
Q. macrocarpa																		
Q. rubra	17	23	(40) 1923	1	1	1.6	.8	3.6	20.2	19.6	19.2	25.5	64.3	360.1	83.6	46.9		
Q. velutina																		
Tilia american	22	40	(8) 3055	7	14	11.3	11.7	34.5	251.8	25.3	33.3	40.5	99.1	723.4	76.4	35.1		
Ulmus american																		
U. rubra	10	15	(18) 598	4	5	6.4	4.2	15.9	130.4	11.5	12.5	7.9	31.9	261.6	39.9	33.2		
	87	120	(178) 7543	62	120	99.8	99.9	299.7	2726.9	100	100	100	300	2091.5				

Ave. Dist.
Btw'n Trees

11.7
13.2

Ave. BA
(Total
BA ÷ 80)

62.9
38.1

No. Trees
Per acre

318.2
250

Dom. per
acre

20,014.8

1.65 st/tree

+ 635.4

Canopy = 85%

$$CI = 2091$$

	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	515
Pop. trem.																		
Quercus ellip.																		
Q. macrocarp.																		
Q. velut.																		
Prun. serot.	2	1	1	2③	3①	5②												29 11③ 13
Querc. alba				1	1	1①	1①											11 4② 5
Pop. grand.				2	1													8 3
Carya ovata																		
Querc. rubra	2	1	2	5①	1	4⑤	4⑤	3③	3③	1①								61 23 ①⑧ 48
Juglans nig.																		
Frax. amer.																		
Acer rubrum																		
Tilia amer.	29	14	6③	15⑫	4①	7⑬	4⑨	2③	1③	1③								105 40 ④⑦ 125
Jug. cinerea				1														3 1
Ulmus amer.																		
Celtis occ.																		
Ulm. rubra	10	5	4	4	2	4①		1②										40 15③ 8
Carya cord.	6	3	1①															3 1① 3
Ostrya virg.	52	25	4		1													13 5
Acer sacc.	149	71	7	5①	3①		1											145 17② 5
		120																120 ⑦⑧ 207
#/acre	250			②③		④③		⑨				③					2	318

SOUTHERN UPLAND HARDWOODS

1528

- | | | |
|---|--|-------------------------------------|
| ✓ <i>Actaea pachypoda</i> 8 | <i>Galium aparine</i> | <i>Pteridium aquilinum</i> |
| ✓ <i>Adiantum pedatum</i> | <i>G. circaeazans</i> | <i>Pyrola elliptica</i> |
| <i>Agrimonia gryposepala</i> | <i>G. concinnum</i> 37, 13, 16 | <i>Ranunculus abortivus</i> |
| <i>Amelanchier</i> spp. | <i>G. lanceolatum</i> | <i>R. recurvatus</i> |
| <i>Amphicarpa bracteata</i> | <i>G. triflorum</i> | <i>R. septentrionalis</i> 369 14 20 |
| <i>Anemonella thalictroides</i> | <i>Geranium maculatum</i> 11, 12, 14, 15, 17, 18, 19, 20 | <i>Rhus radicans</i> 35 16 |
| <i>Apocynum androsaemifolium</i> | <i>Geum canadense</i> 9 | <i>R. cynosbati</i> 34 |
| ✓ <i>Aralia nudicaulis</i> | ✓ <i>Hackelia virginiana</i> | <i>R. missouriense</i> |
| <i>A. racemosa</i> | <i>Helianthus strumosus</i> 3 | <i>Rosa</i> sp. |
| <i>Arenaria lateriflora</i> | ✓ <i>Hepatica acutiloba</i> 3, 4, 5, 6, 7, 8, 9 | <i>Rubus allegheniensis</i> |
| ✓ <i>Arisaema atrorubens</i> | <i>Hydrophyllum virginianum</i> | <i>R. occidentalis</i> |
| <i>Aster macrophyllus</i> | ✓ <i>Hystrix patula</i> | <i>R. strigosus</i> |
| <i>A. sagittifolius</i> 9 15 | <i>Impatiens biflora</i> 289 | ✓ <i>Sambucus canadensis</i> |
| <i>A. shortii</i> 2, 3, 4, 10, 11, 20 | <i>Lactuca biennis</i> | <i>Sanguinaria canadensis</i> |
| ✓ <i>Athyrium filix-femina</i> | <i>Laportea canadensis</i> | <i>Sanicula gregaria</i> 38 |
| ✓ <i>Botrychium virginianum</i> | <i>Lathyrus ochroleucus</i> | <i>S. marilandica</i> |
| <i>Brachyelytrum erectum</i> | ✓ <i>Lonicera prolifera</i> 89 11 14 | ✓ <i>Smilacina racemosa</i> |
| <i>Carex albursina</i> | <i>Lysimachia quadrifolia</i> | <i>S. stellata</i> |
| <i>C. convoluta</i> 28 10 11 12 15 20 | <i>Monarda fistulosa</i> | ✓ <i>Smilax ecirrhata</i> 9 12 |
| <i>C. pensylvanica</i> 379 10 13 | ✓ <i>Osmorhiza claytoni</i> 346 78 12, 13 | <i>S. herbacea</i> |
| <i>Caulophyllum thalictroides</i> | <i>O. longistylis</i> 14 15 17 18 19 20 | <i>Solidago canadensis</i> |
| <i>Celastrus scandens</i> 79 | <i>Oxalis violacea</i> | <i>S. flexicaulis</i> |
| ✓ <i>Circaea quadrisulcata</i> 34, 789 | <i>Panicum latifolium</i> | <i>S. ulmifolia</i> 2 |
| ✓ <i>Cornus alternifolia</i> 13 15 16 17 18 | ✓ <i>Parietaria pensylvanica</i> 12 | <i>Thalictrum dioicum</i> |
| <i>C. femina</i> 7 | <i>Parthenocissus vitacea</i> 2345 | <i>Triosteum perfoliatum</i> 13 |
| <i>C. rugosa</i> | <i>Phlox divaricata</i> 679 10 13 | <i>Uvularia grandiflora</i> 11 |
| <i>Corylus americana</i> 20 | <i>Phryma leptostachya</i> 12 16 17 | <i>Veronicastrum virginicum</i> |
| <i>Cryptotaenia canadensis</i> 11, 11, 13 | <i>Podophyllum peltatum</i> 210 | <i>Viburnum acerifolium</i> |
| ✓ <i>Desmodium glutinosum</i> 15 | ✓ <i>Polemonium reptans</i> 479 | <i>V. lentago</i> |
| <i>D. nudiflorum</i> | <i>Polygonatum canaliculatum</i> | ✓ <i>V. rafinesquianum</i> |
| <i>Dioscorea villosa</i> | <i>P. pubescens</i> | <i>Viola cucullata</i> |
| <i>Eupatorium purpureum</i> 13 | <i>Polygonum virginianum</i> | <i>V. pubescens</i> |
| <i>E. rugosum</i> | <i>Potentilla simplex</i> | <i>Vitris aestivalis</i> |
| <i>Festuca obtusa</i> 8 | <i>Prenanthes alba</i> | <i>V. riparia</i> 210 |
| <i>Fragaria virginiana</i> | <i>Prunus virginiana</i> 457 20 | ✓ <i>Zanthoxylum americanum</i> |

Additional species:

- *Asclepias* 10
- *Crataegus* 1, 14
- *Acer sac* 12345678910
- *Bituya* 1239, 19
- *Ulmus* 9, 19
- *Carya cord* 9, 15
- *Prun serot.* 20

- ✓ *Achillea millefolium*
- Panax quin*
- *Plantago major* 10

- ✓ *Trillium recurvatum*
- ✓ *Staphylea trifolia*
- Phleum pratense* 2, 15

- ~~Lactaea~~ pachypoda 5
~~Adiantum~~ pedatum
 Agrimonia gryposepala
 Amelanchier spp.
 Amphicarpa bracteata
 Anemonella thalictroides
 Apocynum androsaemifolium
~~Aralia~~ nudicaulis
 A. racemosa
 Arenaria lateriflora
~~Arisaema~~ atrorubens
 Aster macrophyllus
~~A. sagittifolius~~ 10
~~A. shortii~~ 35
~~Athyrium~~ filix-femina
~~Botrychium~~ virginianum
 Brachyelytrum erectum
 Carex albursina
~~C. convoluta~~ 35
~~C. pensylvanica~~ 25
 Caulophyllum thalictroides
~~Celastrus~~ scandens 10
~~Circaea~~ quadrisulcata 50
~~Cornus~~ alternifolia
~~C. femina~~ 5
 C. rugosa
~~Corylus~~ americana 5
~~Cryptotaenia~~ canadensis 15
~~Desmodium~~ glutinosum 5
 D. nudiflorum
 Dioscorea villosa
~~Eupatorium~~ purpureum 5
 E. rugosum
~~Festuca~~ obtusa 5
 Fragaria virginiana
- Galium aparine
 G. circaeans
~~G. concinnum~~ 20
 G. lanceolatum
 G. triflorum
~~Geranium~~ maculatum 75
~~Geum~~ canadense 5
~~Hackelia~~ virginiana
~~Helianthus~~ strumosus 5
~~Hepatica~~ acutiloba 70
 Hydrophyllum virginianum
~~Hystrix~~ patula
~~Impatiens~~ biflora 15
~~Lactuca~~ biennis 5
 Laportea canadensis
 Lathyrus ochroleucus
~~Lonicera~~ prolifera 20
 Lysimachia quadrifolia
 Monarda fistulosa
~~Osmorhiza~~ claytoni 65
 O. longistylis
 Oxalis violacea
 Panicum latifolium
~~Parietaria~~ pensylvanica 5
~~Parthenocissus~~ vitacea 65
 Phlox divaricata
~~Phryma~~ leptostachya 25
~~Podophyllum~~ peltatum 10
~~Polemonium~~ reptans 15
 Polygonatum canaliculatum
 P. pubescens
 Polygonum virginianum
 Potentilla simplex
 Prenanthes alba
~~Prunus~~ virginiana 20
- Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 R. recurvatus
~~R. septentrionalis~~ 25
~~Rhus~~ radicans 15
~~R. cynosbati~~ 10
 R. missouriense
 Rosa sp.
 Rubus allegheniensis
 R. occidentalis
 R. strigosus
~~Sambucus~~ canadensis
 Sanguinaria canadensis
~~Sanicula~~ gregaria 10
 S. marilandica
~~Smilacina~~ racemosa
 S. stellata
~~Smilax~~ ecirrhata 10
 S. herbacea
 Solidago canadensis
 S. flexicaulis
~~S. ulmifolia~~ 5
 Thalictrum dioicum
~~Triosteum~~ perfoliatum 5
~~Uvularia~~ grandiflora 5
 Veronicastrum virginicum
 Viburnum acerifolium
 V. lentago
~~V. rafinesquianum~~
 Viola cucullata
 V. pubescens
 Vitris aestivalis
~~V. riparia~~ 10
~~Zanthoxylum~~ americanum

Additional species:

- Acer sac 100
 - Crataegus 10
 - Carya cord 10
 - Ostrya 25
 - Ulmus 10
 - Prun. serot 5
- Panax quinquefolia
 - Asclepias tuberosa 5
 - Plantago major 5
 - Phleum pratense 10

- Trillium recurvatum
 - Staphylea trifolia

1528

