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Stand # 1532

[illegible]

1532

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 288

STATION NO.	1	2	3	4	5	6	7	8	9	10		
Acer rubrum												
A. saccharum												
Betula papy.												
Amelanchier 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	2	1	1	2		24	1		1		
Quercus alba	115 100	2 55 20	2 80 55 80	140 65 95	1 65 80	2 16	110 55 70	1 55 220	1 130 65 100	1 80 85	2 110 25	1
Q. ellipsoid												
Q. macrocarpa												1
Q. rubra												
Q. velutina	240 200	1 100 140		3 85	2 100	2		1 105 70	1 80 165 150	1 160 100	1	1
Tilia amer												
Ulmus amer												
Ulmus fulva												
Acer neg.												
Sapo.	24 24 24 28	10 26 11 22	6 19 22 33	9 18 15 30	12 45 34 8	13 19 28 26	13 13 12 8	26 28 27 24	11 18 25 28	13 21 18 22		
Distance	11 21 9 7	14 12 13 20	6 13 11 26	18 15 18 30	7 14 14 15	16 20 19 21	17 22 27 40	12 16 14 26	10 14 10 22	14 29 22 11		

80-100
yrs old

1532

POINT RECORD TREES

SOUTHERN HARDWOODS

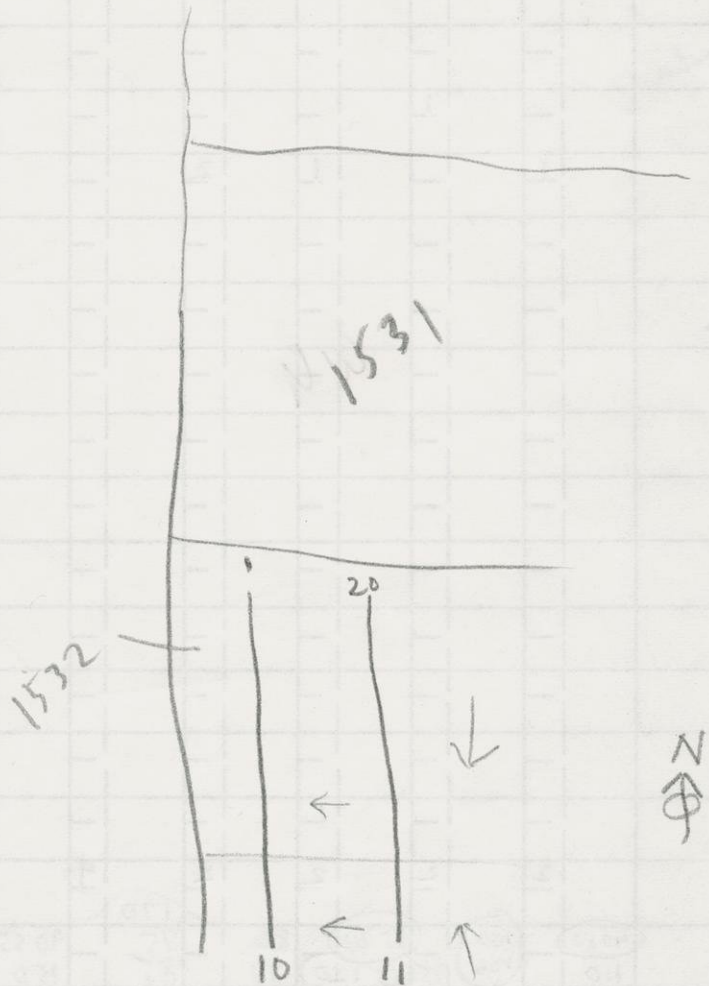
Stand No. 288

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord		1								
C. ovata	1		1	2				2	1	
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	2	2	2	2	4	3	2	2	3	4
Quercus alba	40 80 110	100 120	55 60 195 85 120 175	80 90 140	170 75 85 190	90 55 150 120	100 95 130	110 120 70 75 70	95 40 45 120 220 *	95 75 155
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	230 200	1 70 160	60	125			140			140
Tilia amer										
Ulmus amer										
Ulmus fulva										
<i>Acer neg</i>		1	1							
	3 8 6 22	11 27 14 23	3 10 6 26	7 22 7 23	11 23 15 40	22 29 6 30	14 18 8 28	5 21 10 27	7 19 19 26	7 18 21 27
Distance	5 19 15 28	8 21 10 24	14 10 16 20	13 10 11 11	16 22 19 18	15 13 6 22	11 22 13 35	6 7 18 23	14 11 11 20	10 12 10 13

220 BA = 320 @ 1'

Quercus
94 yrs.
16" dia.

W. exposure, more reprod. along road
slt S slope also



Stumps

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1532

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					A-4				C-2	
743 748 223.9		B-3	B-3	B-3	A-3			A-4	C-3	B-4
Quercus alba	A-4	B-3	B-3	A-3	B-3	A-4	C-4	A-3	A-3	C-2
29-50	B-3	A-3	A-2	B-2	B-3	A-2	A-3	A-3	C-2	B-3
204.2	2-5d								5d	
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
25.7 25.4 76.6	A-3	A-4	B-4	B-4		A-4	B-4	B-4		C-4
10-17	A-3		25p			B-4				
Q. velutina										
194.5										
Tilia amer	All oaks c 100 yrs old (Bigger rings start 23, 24, 17 yrs ago)									
Ulmus amer										
Ulmus fulva										
Canopy	60	70	55	75	65	85	80	60	60	70
Distance	11 24 23 24	14 43 29 33	12 19 19 10	13 18 15 37	25 34 37 70	36 31 24 41	32 100 26 27	5 18 25 37	18 25 32 43	33 41 15 36

CI = 995.7

68%
ave 20.9
52.2/A

AVEBA

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. : C. I.	Stem : Tree	Tree
Acerrubrum															
A. saccharum															
Carya cord.				1	1	2	1.3	4.9	42.1						
C. ovata				7	9	13.7	11.5	37.8	170.1						
Celtis occiden.															
Fagus grand.															
Fraxinus amer.															
F. lanceolata															
F. pennsylvani															
Juglans cinere															
J. nigra															
Ostrya virgin.															
Populus grand.															
P. tremuloides				1	1	2	1.3	4.9	4.9						
Prunus serotin	1	1	24	18	36	35.3	46.2	122.2	439.9	2.9	1.3	.3	4.5	16.2	24
Quercus alba	20	58	6365	8	11	15.7	14.1	44.7	160.9	58.8	72.5	69.1	200.4	721.4	109.7
Q. ellipsoidalis															
Q. macrocarpa				1	1	2	1.3	4.9	4.9						
Q. rubra															
Q. velutina	13	21	2820	9	13	17.6	16.7	51.4	128.5	38.2	26.2	30.6	95	237.5	134.3
Tilia american															
Ulmus american															
U. rubra				1	1	2	1.3	4.9	40.2						
Acer negundo				4	4	7.8	5.1	19.3	19.3						
Pyrus idensis				1	1	2	1.3	4.9	4.9						
	34	80	9209	51	78	100.1	100.1	299.9	1015.7	99.9	100	100	299.9	975.1	

Ave. Dist.
Btw'n Trees16 ^{SAP}
18.5Ave. BA
(Total

BA ÷ 80)

115.1 ^{TREE} 105.9 ^{ITEM}No. Trees
Per acre170.2 ^{SAP}
127.3Dom. per
acre

19,590

1.09 stem/tree

+ 40.6

CI = 975

1532

52.5%

ACER
NEGUNDO

	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.	2	1																
Quercus ellip.	7	4																
Q. macrocarp.	2	1																
Q. velut.	20	13				1	2	2	4	1	4	3	2	2			45	21
Pyrus idensis	2	1																
Prun. serot.	57	36	1														2	1
Querc. alba	16	11	2		1	60	80	153	8	80	3	3	1	3			123	580 15
Pop. grand.																		
Carya ovata	15	9																
Querc. rubra																		
Juglans nig.																		
Frax. amer.																		
Acer rubrum																		
Tilia amer.																		
Jug. cinerea																		
Ulmus amer.																		
Celtis occ.																		
Ulm. rubra	2	1																
Carya cord.	2	1																
Ostrya virg.																		
Acer sacc.																		
Pyrus idensis	78																	
Sap CI =	1016																	800 15
Ave dist	16																	
Ave. BA	105.9	115.1																
Trees/acre	170.2																	
Dom/acre	19,590																	
#/acre	127	64			38			80.7			34		10.6				170	

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Page 1 Goes with 1-10 of trees

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 1234567
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis 8910
A. racemosa
Arenaria lateriflora 23
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius 7
A. shortii 368
Athyrium filix-femina
Botrychium virginianum 125
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 2369
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 810
Claytonia virginiana
Cornus alternifolia
C. femina 12345678910
C. rugosa
Corylus americana 147
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum 12345678910
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 468
Galium aparine 457
G. circaeans
G. concinnum 123
G. lanceolatum
G. triflorum 10
Geranium maculatum 234578
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
Helianthus strumosus 146910
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. 35
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 410
Phlox divaricata
Phryma leptostachya 1568910
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum 7
Polygonatum pubescens
Potentilla simplex 18
Prenanthes alba
Pteridium aquilinum 13456910
Pyrola elliptica 610
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 1240
R. occidentalis
R. strigosus 10
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 1267810
S. marilandica
Smilacina racemosa 137910
S. stellata 23468910
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:

- Acer negundo 279 - Carya ovata 8
- Querc. alba 12468 - Cornus 410 - Ceanothus 8
- Q. velut. 1279 - Poa comp. 49 - Salix spp. 4
- Anelanchie 1257 - Prunus serot. 6

SOUTHERN UPLAND HARDWOODS

- | | | |
|--------------------------------|-------------------------------|---------------------------|
| Actaea pachypoda | ✓ Galium aparine 25 | ✓ Pteridium aquilinum 65 |
| Adiantum pedatum | G. circaeans | ✓ Pyrola elliptica 25 |
| ✓ Agrimonia gryposepala | ✓ G. concinnum 20 | Ranunculus abortivus |
| ✓ Amelanchier spp. 20 | G. lanceolatum | R. recurvatus |
| ✓ Amphicarpa bracteata 45 | ✓ G. triflorum 5 | R. septentrionalis |
| Anemonella thalictroides | ✓ Geranium maculatum 50 | Rhus radicans |
| ✓ Apocynum androsaemifolium 10 | Geum canadense 5 | ✓ R. cynosbati |
| ✓ Aralia nudicaulis 35 | Hackelia virginiana | R. missouriense |
| ✓ A. racemosa 5 | ✓ Helianthus strumosus 40 | Rosa sp. |
| ✓ Arenaria lateriflora 10 | Hepatica acutiloba | ✓ Rubus allegheniensis 35 |
| Arisaema atrorubens | Hydrophyllum virginianum | ✓ R. occidentalis |
| Aster macrophyllus | Hystrix patula | ✓ R. strigosus 5 |
| ✓ A. sagittifolius 10 | Impatiens biflora | ✓ Sambucus canadensis |
| ✓ A. shortii 20 | ✓ Lactuca biennis | Sanguinaria canadensis |
| Athyrium filix-femina | Laportea canadensis | ✓ Sanicula gregaria 35 |
| ✓ Botrychium virginianum 15 | Lathyrus ochroleucus | S. marilandica |
| Brachyelytrum erectum | ✓ Lonicera prolifera 5 | ✓ Smilacina racemosa 45 |
| Carex albursina | ✓ Lysimachia quadrifolia 5 | ✓ S. stellata 50 |
| C. convoluta | ✓ Monarda fistulosa | Smilax ecirrhata |
| ✓ C. pensylvanica 25 | ✓ Osmorhiza claytoni 20 | S. herbacea |
| Caulophyllum thalictroides | O. longistylis | ✓ Solidago canadensis 5 |
| ✓ Celastrus scandens 5 | Oxalis violacea | S. flexicaulis |
| ✓ Circaea quadrisulcata 30 | Panicum latifolium | S. ulmifolia |
| Cornus alternifolia | Parietaria pensylvanica | Thalictrum dioicum |
| ✓ C. femina 25 | ✓ Parthenocissus vitacea 20 | Tricostemum perfoliatum |
| ✓ C. rugosa | Phlox divaricata | Uvularia grandiflora |
| ✓ Corylus americana 25 | ✓ Phryma leptostachya 50 | Veronicastrum virginicum |
| Cryptotaenia canadensis | Podophyllum peltatum | Viburnum acerifolium |
| ✓ Desmodium glutinosum 100 | Polemonium reptans | V. lentago |
| ✓ D. nudiflorum 5 | ✓ Polygonatum canaliculatum 5 | V. rafinesquianum |
| Dioscorea villosa | P. pubescens | ✓ Viola cucullata 10 |
| Eupatorium purpureum | Polygonum virginianum | V. pubescens |
| E. rugosum | ✓ Potentilla simplex 10 | Vitris aestivalis |
| Festuca obtusa | ✓ Prenanthes alba 5 | ✓ V. riparia 5 |
| ✓ Fragaria virginiana 25 | ✓ Prunus virginiana | Zanthoxylum americanum |

Additional species:

- Poa compressa 20

- Cirsium

- Anemone quinquefolia

- Convolvulus 15

- Ceanothus 5

- Acer neg 25

- Carya ovata 15

- Prunus serot 5

- Q. alba 40

- Q. velut. 30

Salix spp 5

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 28B
Quadrat No.

Page 2, 011-20

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 39
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium 29
Aquilegia canadensis
Aralia nudicaulis 1234
A. racemosa 8
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius 9
A. shortii 6
Athrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 4
Caulophyllum thalictroides
Celastrus scandens 8
Circaea quadrisulcata 25710
Claytonia virginiana
Cornus alternifolia
C. femina 12467810
C. rugosa
Corylus americana 68
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum 123456789
D. nudiflorum 3
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 19
Galium aparine 510
G. circaeazans
G. concinnum 4
G. lanceolatum
G. triflorum
Geranium maculatum 1234
Gerardia grandiflora
Geum canadense 10
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
Helianthus strumosus 789
Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera 9
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton. 410
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 45
Phlox divaricata
Phryma leptostachya 12510
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum 123689
Pyrola elliptica 4510
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 13
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 5
S. marilandica
Smilacina racemosa 1478
S. stellata 567
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago altissima 9
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 5-7
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Quercus velutina 47
alba 7910
Acer neg 510
Carya ovata 78

- Poa comp. 69
- Convolv. 6

SELECTIVELY CUT STANDS

1532

CI = 975

Sip - 1016 S

H - 232 S

