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1511 Stand #

Clear

Stand # 1511

	STAND CHARACTERS	Soils	
891	TREE CI	W.R.C.	75.3
945	SAP CI	pH	4.0
+ 54	CI DIFFERENCE	lbs/ACRE	CA 300 Mg 200 P 30 K 80 NO ₃ T NH ₃ 30
186	SAPS / ACRE		
288	TREES / ACRE	Soil profile	A ₀ 1/4 - 1/4 A ₁ 1 1/4 - 2 sandy loam (sandstone at 6")
32	Ave. B.A. stem		
44	Ave BA TREE	SLOPE	0° (rolling)
12668	Dom. / ACRE	Size + other woods	2 hides 10 acres 80 acres
583	stems + sps / ac	CUTTING Stumps / ACRE	
397	stems / ac	Spp. cut	
1.38	STEMS / TREE		
		Ave. size cut	
60.7	CANOPY %	Ave. TIME since cut	

1511

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 11

STATION NO.	21	2	3	4	5	6	7	8	9	30							
Acer rubrum																	
A. saccharum																	
Betula papy.					1												
Carpinus car																	
Carya cord																	
C. ovata					1												
Celtis occ																	
Crataegus sp.																	
Fagus grand																	
Fraxinus am																	
F. nigra																	
Juglans cin.																	
J. nigra																	
Ostrya virg																	
Populus gran							20 35	3 23	1								
P. tremul																	
Prunus serot	13		1			2	1			14							
Quercus alba	2	1	14	4	17+1 30	1	19+2 22	1	28	3 35 12 40	2 21 190 18						
Q. ellipsoid																	
Q. macrocarpa																	
Q. rubra																	
Q. velutina	12 13 18+2 27 30	2	40 75 100 22	2	85 16 45 140	22 80 38+1	3	13 15 45	15+1 26+1	2	15+1 18 13	1	22 22	30 110 19	2	21	1
Tilia amer																	
Ulmus amer																	
Ulmus fulva																	
	20 33 28 30	22 24 9 32	2 8 10 8	5 7 8 16	18 7 4 12	5 6 3 9	7 6 8 11	7 29 9 33	14 16 19 20	8 19 20 22							
Distance	5 11 15 18	5 16 15 12	14 10 13 26	15 23 11 11	8 8 13 25	7 17 19 22	14 13 12 17	9 14 6 10	3 13 7 23	16 25 8 22							
	1111	11	1	111	1111	1111	11	1	11	111							

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 11

STATION NO.	31	2	3	4	5	6	7	8	9	40
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	20									
P. tremul										
Prunus serot			2	13		35				
Quercus alba	(60+5) (40+1)	3 15	2 (13 30) 3 (15 13) 2	13	3 36 35	2 (70 120)	3 13	4 35 75	2	
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	24	1 (19 15) 55 22	1 19	2 (23 45) 27 17	1 (19 13)	2 110 180	1 28 13 36 (40 27)	(30 110) 28 10	2 22 40 (18+1) (35+2)	4
Tilia amer					70					
Ulmus amer										
Ulmus fulva										
	6 9 16 15	15 21 26 9	5 3 9 40	3 2 15 6	12 7 17 19	17 8 22 25	8 19 20 33	11 13 21 10	20 17 17 28	29 19 7 15
Distance	8 17 14 9	4 5 11 8	10 14 7 19	21 4 14 17	11 12 7 11	12 11 4 10	9 14 14 7	11 11 12 17	7 21 6 15	11 10 9 20
	1	11	11	11	11	11		111	1	1111

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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 11

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata									25	1
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot		15 12		1			23	1	1	1
Quercus alba	1	17 23 12+2	3 15 16	3	4 16 12 1		2 21 15 50	1	1 40 26 25	1 16 16 +2
Q. ellipsoid										
Q. macrocarpa	1									
Q. rubra									30 22 40	
Q. velutina	17+1 13+1 45 30+1	2	1 15 28 23	20 19 28 12 30 40 17 14 27	13+2 3 30 27 25 40 16	15 20 15 13 19 13	2 45 45 55 60	2 21 25 19 24 16 13	2 35 55	13 16 70 29
Tilia amer										
Ulmus amer										
Ulmus fulva										
	7 17 8 14	4 9 7 11	20 17 19 30	7 11 19 7	5 17 9 13	29 15 17 29	8 10 14 28	11 18 15 19	19 20 30 30	6 11 7 11
Distance	11 11 12 10	6 7 10 22	8 7 11 14	5 13 8 15	29 10 11 17	4 9 5 11	5 11 6 24	3 15 4 21	6 13 9 14	9 23 13 22
	111	111	1	111	111	111	111	111	11	11

1976

1511

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. //

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			14	1				(17+1)	20
Quercus alba	(25+1) (13+2) (20+4)	(14+1)	3 (55 55) 40	1		1	1	1 (25 26) (24+1)	3 (30 26) 22	30 2
Q. ellipsoid										
Q. macrocarpa					1		1			
Q. rubra								85		
Q. velutina	(12+2) 3 (35 22) 25 (55 50)	1 (28 19) 66 55	3 (17 95) 100 65	3 (140 14) 26 (13+1) 19	2 (13 30) 13+1 20 16	3 (12 14) 23 24 (17 12 13)	2 15 12	(24 20)	2 (20 40) 27 13	2
Tilia amer										
Ulmus amer										
Ulmus fulva										
	6 19 3 11	10 3 15 19	23 8 29 35	25 13 33 32	20 16 11 28	14 12 10 15	11 10 26 23	22 8 16 17	7 11 8 20	15 23 27 17
Distance	6 7 27 22	5 16 11 11	33 13 8 16	8 20 12 18	7 29 12 14	7 20 4 21	11 8 6 16	5 13 6 10	3 19 11 14	2 9 15 12
	111	111	111	111	1	11	111	11	11	1

1511

CI = 891

	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.																		
Quercus ellip.																		
Q. macrocarp.	3	3																
Q. velut.	77	66	32 (9)	26 (9)	8 (5)	12 (11)	7 (4)	3 (1)	4 (2)	5 (3)		2	1				140	106 (40) 78
Prun. serot.	14	12	6 (1)	2	1													16 9 (1) 2
Querc. alba	82	70	18 (3)	8 (1)	10 (3)	4 (5)	1	1	2 (2)	1 (1)	1 (1)						83	46 (16) 29
Pop. grand.	6	5		3	1												7	4
Carya ovata	2	2		1													2	1
Betula papyrifera	2	2																
Querc. rubra																		
Juglans nig.																		
Frax. amer.																		
Acer rubrum																		
Tilia amer.																		
Jug. cinerea																		
Ulmus amer.																		
Celtis occ.																		
Ulm. rubra																		
Carya cord.																		
Ostrya virg.																		
Acer sacc.																		
		160																160 (61) 109
Sap CI = 944	945																	
#/acre	186	208.2				50.4			21.6			7.2						288

CI.

AVE. B.A.

Tree	No. : : Pts. :	No. : : Tr. :	No. : : Dom. :	No. Pts. : : Sap. :	No. : : Sap. :	F. % : : Sap. :	D. % : : Sap. :	Seed : : Seed :	F. % : : Seed :	F. % : : Tr. :	D. % : : Tr. :	Dom. % : : Trees :	I. I. : : I. I. :	C. I. : : C. I. :	TREE : : TREE :	STEM : : STEM :
Acerrubrum																
A. saccharum																
Carya cord.																
C. ovata	1	1	25	2	2	2.3	1.2	5.2	23.4	1.3	.6	.4	2.3	10.3	25	25
Celtis occiden.																
Fagus grand.																
Fraxinus amer.																
F. lanceolata																
F. pennsylvani																
Juglans cinere																
J. nigra																
Ostrya virgin.																
Populus grand.	3	4	98	3	5	3.5	3.1	9.9	42.6	3.8	2.5	1.4	7.7	33.1	24.5	24.5
P. tremuloides																
Prunus serotin	9	9	176	10	12	11.6	7.5	28.6	103	11.4	5.6	2.5	19.5	70.2	19.6	17.6
Quercus alba	28	46	1976	33	70	38.4	43.7	123.1	443.2	35.4	28.7	28	92.1	331.6	43	31.9
Q. ellipsoidalis																
Q. macrocarpa				3	3	3.5	1.9	8.1	8.1							
Q. rubra																
Q. velutina	38	100	4773	33	66	38.4	41.2	119.4	298.5	48.1	62.5	67.7	178.3	445.7	47.7	33.1
Tilia american																
Ulmus american																
U. rubra																
BET. papyrif.				2	2	2.3	1.2	5.2	26							
	79	160	7048	86	160	100	99.8		9448	100	99.9	100	299.9	890.9		

Ave. Dist.
Btw'n Trees12.3
15.3

Ave. BA

(Total
BA ÷ 80)TREE 44
STEM 31.9

No. Trees

Per acre sap

287.9 186.1

Dom. per
acre

12,667.6

1.38 stems/tree

+ 53.9

SOUTHERN UPLAND HARDWOODS

Presence

1511

- | | | |
|-----------------------------|----------------------------|---------------------------|
| Actaea pachypoda | Galium aparine | Pteridium aquilinum 90 |
| Adiantum pedatum | G. circaeazans | Pyrrola elliptica |
| Agrimonia gryposepala | G. concinnum | Ranunculus abortivus |
| ✓ Amelanchier spp. | ✓ G. lanceolatum 10 | R. recurvatus |
| Amphicarpa bracteata | G. triflorum | R. septentrionalis |
| Anemonella thalictroides | ✓ Geranium maculatum | Rhus radicans |
| ✓ Apocynum androsaemifolium | Geum canadense | R. cynosbati |
| ✓ Aralia nudicaulis 5 | Hackelia virginiana | R. missouriense |
| A. racemosa | ✓ Helianthus strumosus 5 | Rosa sp. |
| Arenaria lateriflora | Hepatica acutiloba | ✓ Rubus allegheniensis 50 |
| Arisaema atrorubens | Hydrophyllum virginianum | ✓ R. occidentalis |
| Aster macrophyllus | Hystrix patula | ✓ R. strigosus 5 |
| A. sagittifolius | Impatiens biflora | Sambucus canadensis |
| A. shortii | ✓ Lactuca biennis | Sanguinaria canadensis |
| Athyrium filix-femina | Laportea canadensis | Sanicula gregaria |
| Botrychium virginianum | Lathyrus ochroleucus | S. marilandica |
| Brachyelytrum erectum | Lonicera prolifera | ✓ Smilacina racemosa 15 |
| Carex albursina | Lysimachia quadrifolia | ✓ S. stellata 5 |
| C. convoluta | Monarda fistulosa | Smilax ecirrhata |
| ✓ C. pensylvanica 90 | ✓ Osmorhiza claytoni 5 | S. herbacea |
| Caulophyllum thalictroides | O. longistylis | Solidago canadensis |
| Celastrus scandens | Oxalis violacea | S. flexicaulis |
| Circaea quadrisulcata | Panicum latifolium | S. ulmifolia |
| Cornus alternifolia | Parietaria pensylvanica | Thalictrum dioicum |
| ✓ C. femina 5 | ✓ Parthenocissus vitacea 5 | Triosteum perfoliatum |
| C. rugosa | Phlox divaricata | Uvularia grandiflora |
| ✓ Corylus americana 20 | ✓ Phryma leptostachya 5 | Veronicastrum virginicum |
| Cryptotaenia canadensis | Podophyllum peltatum | Viburnum acerifolium |
| Desmodium glutinosum | Polemonium reptans | V. lentago |
| D. nudiflorum | Polygonatum canaliculatum | V. rafinesquianum |
| Dioscorea villosa | P. pubescens | Viola cucullata |
| Eupatorium purpureum | Polygonum virginianum | V. pubescens |
| E. rugosum | ✓ Potentilla simplex 15 | Vitris aestivalis |
| Festuca obtusa | ✓ Prenanthes alba 5 | V. riparia |
| ✓ Fragaria virginiana 5 | ✓ Prunus virginiana 10 | Zanthoxylum americanum |

Additional species:

- Euphorbia corollata 10
- Antennaria
- Amorpha can. 10

- Poa compressa 30
- Liatris aspera 5
- Panicum implicatum 5
- Prunus serot. 20
- Q. Alba 10
- Q. velut. 25

- Vaccinium myrtilloides 30

60-70-40

60.7%

Canopy 60-55-65-60-70-60-65-75-55-75-40

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 11
Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis 4
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius
A. shortii
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
C. pensylvanica 1234567910
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana
Cornus alternifolia
C. femina
C. rugosa
Corylus americana 124
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
Galium aparine
G. circaezans
G. concinnum
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
Helianthus strumosus 4
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.
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 1,8
Prenanthes alba 10
Pteridium aquilinum 23456789
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 125610
R. occidentalis
R. strigosus
Sambucus canadensis
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
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Prunus verg. 1
Poa compressa 238
Querc. velut. 2359
Q. alba 4
Liatris aspera 3
Euphorbia corollata 3,8
Panicum implicatum 5

Conium maculatum 7
A. V. 6-10 23
B. asper 3
C. m. 38
D. 47
E. 5

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 11
Quadrat No.

✓ *Anemone arborea*
Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
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. pensylvanica 11 12 13 14 15 16 17
Caulophyllum thalictroides 18 19
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana
Cornus alternifolia
C. femina 13
C. rugosa
✓ *Corylus americana* 19
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* 17
Galium aparine
G. circaezans
G. concinnum
G. lanceolatum 15, 20
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
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton. 14
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 14
Phlox divaricata
Phryma leptostachya 12
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 17
Prenanthes alba
Pteridium aquilinum 11 12 13 14 15
Pyrola elliptica 16 18 19 20
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 13 16 17 18
✓ *R. occidentalis* 19
R. strigosus 14
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa 13 14 17
S. stellata 11
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:

Prunus serot. 14
virg. 14

Poa compressa 15 17 20
Quercus alba 15
Q. velut. 18

Stand No. 11
Quadrat No.

SOUTHERN UPLAND HARDWOODS

Presence or Frequency
(Common species only)

Q. velut.

Q. alba

1" = 10 yrs.

$\frac{3}{4}$ " = 11 yrs.

1" = 16 yrs.

1" = 18 yrs.

1" = 14 yrs.

1" = 15 yrs.

Polypodium virginicum
Polypodium virginicum
Potentilla simplex
Prunella alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregraria
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea
S. latifolia
Solidago altissima
S. flexuosa
S. nemoralis
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
Trisetum perfoliatum
Urtica grandiflora
Veronicastrum virginicum
Viburnum acerifolium
V. retinodes
Viola cucullata
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americanum
Xizia aurea

Eupatorium
Festuca
Fraxinus virginiana
Galium aparine
G. obtusifolium
G. canadense
G. latifolium
G. triflorum
Geranium maculatum
Geranium grandiflorum
Geum canadense
Goodyera pubescens
Habenaria procumbens
Hachelia virginica
Hamelia virginiana
Helianthus atrorubens
Hepatica acutiloba
Hesperis matronalis
Hydrastis canadensis
Hydrophyllum virginicum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum heterophyllum
Lactuca biennis
Laportea canadensis
Lathyrus ochroleucus
Lonicera procumbens
Lysimachia quadrifolia
Maianthemum canadense
Menispermum canadense
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza fraxinifolia
O. longistylis
Osmunda clematis
Panax quinquefolium
Panicum latifolium
Parthenocissus vitacea
Phlox divaricata
Phytolacca americana
Podophyllum peltatum
Polygonum reptans

Actaea pachyloba
Adiantum pedatum
Agrimonia eupatoria
Allium tricoccum
Apocynum androsaemifolium
A. virginicum
Anemone pulsatilla
Anemone hepatica
Anemone thalictroides
Antennaria sp.
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria intermedia
Asarum canadense
Aster macrophyllus
A. sagittalis
A. shortii
Athyrium filix-femina
Botrychium virginicum
Brachyotum erectum
Campanula americana
Carex albustris
C. pennsylvanica
Caulophyllum thalictroides
Celastrus scandens
Cleome quadrifida
Claytonia virginica
Cornus alternifolia
C. tenuis
C. rugosa
Corylus americana
Cryptotaenia canadensis
Desmodium illinoense
D. nudiflorum
Dicentra cucullata
Dodecatheon meadia
Erythronium albidum
Erythronium purpureum

1" = 10 yrs.
1" = 18 yrs.
1" = 14 yrs.
1" = 15 yrs.

1" = 10 yrs.
1" = 18 yrs.
1" = 14 yrs.
1" = 15 yrs.

Presence List
(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No. 11

Locality:

County:

Sec:

T:

R:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Condition of Stand:

Type:

Acalypha rhomboidea

Agastache scrophul.

Allium canadense

Amorpha canescens 23

Anaphalis margarit.

Anemone cylindrica

Arabis canadensis

A. laevigata

A. lyrata

A. perstellata

Aralia pispida

Arisaema dracont.

Asclepias ovalif.

A. exaltata

Aster azureus

A. simplex

A. prenanthoides

Athyrium thelypter.

Boehmeria cylindr.

Botrychium multif.

Bromus purgans

Camptosorus rhizop.

Carex convoluta

Ceanothus americ.

Chimaphila umbell.

Cirsium altissim.

Clematis virgin.

Clintonia boreal.

Comandra umbellata

Conopholis americ.

Corallorrhiza mac.

Corydalis semperv.

Cynoglossum offic.

Cystopteris bulbif.

Desmodium cuspidatum

D. canadense

Dicentra canad.

Diervilla lonicera

Dioscorea villosa

Dirca palustris

Elymus villosus

Epifagus virgin.

Erigeron philadel.

Erythronium americ.

Evonymus atropur.

Floerkea prosperp.

Fragaria vesca

Galium boreale

Gaultheria procumb.

Gaylussacia baccata

Gentiana quinquef.

Geum virginianum

Hedeoma hispida

Hepatica americana

Heraclium maximum

Hieracium canad.

H. scabrum

Hydrophyllum append.

Hypoxis hirsuta

Ilex verticillata

Juncus tenuis

Juniperus communis

J. virginiana

Krigia biflora

Lathyrus venosus

Lilium philadel.

Liparis liliifolia

Lobelia cardinalis

Lonicera dioica

L. hirsuta

Luzula acuminata

L. multiflora

Lysimachia ciliata

L. hybrida

Miliun effusum

Mitchella repens

Monotropa uniflora

Onoclea sensibilis

Oryzopsis asperif.

Osmunda cinnamomea

Oxalis violacea 8

Panax trifolium

Paronychia canad.

Pedicularis canad.

Physocarpus opul.

Phytolacca americana

Pilea pumila

Polymnia canad.

Polypodium vulgare

Prunella vulgaris

Pteretis pensylvanica

Pyrus coronaria

P. ioensis

Ranunculus fascicul.

R. rhomboideus

Rhus glabra

R. typhina

Rubus hispidus

R. pubescens

Rudbeckia laciniata

Salix sp.

Sambucus pubens

Saxifraga pennsylv.

Scrophularia lan.

S. marilandica

Senecio pauperculus

Silene stellata

Solanum nigrum

Solidago speciosa

Staphylea trifolia

Streptopus roseus

Symplocarpus foet.

Taenidia integerr.

Taxus canadensis

Thalictrum dasycarp.

Thaspium aureum

Tradescantia ohio.

Urtica sessilif.

Vaccinium myrtilloides 4712161819

Veronica serpyllif.

Viburnum lentago

V. trilobum

Vicia americana

Viola conspersa

V. incognita

Wulfenia bullii

Additional Species:

SOUTHERN UPLAND HARDWOODS

Stand No.

Presence List
(Indicate species)

Mostly clear cut (20-25 yrs ago?)

Light 8000 - 4000 FC, outside.

320	230
700	400
320	300
340	340
220	500
1900	1770

3670

$$\frac{367}{6000} = 6.12\%$$

Soil

A₀ $\frac{1}{8}$ " - $\frac{1}{4}$ "
A₁ $\frac{1}{4}$ " - $\frac{1}{2}$ "
sandy loam

Pinet sandy soil

Sandstone underlying at depth of 5-6 in

Temp, soil 18° 18½°

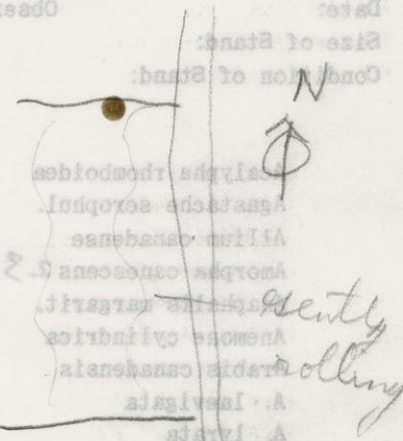
air 29° 27°

18.2
28
65%

Water permeability

50cc
15 sec.
10 sec.
12.5 sec

Canopy estimate
65%



Additional Species:

1511

CI = 891

S_{9p} = 945 S

H 156 S

