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1565 Stand # Sel Stand # 1565

1565 Stand # Sel Stand # 1565

[illegible]

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1565

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
1-1 1.8 .9 4.1 A. saccharum 41			(A-3) sd							
Betula papy.										
Carpinus car										
1-1 1.8 .9 4.1 Carya cord 35.3			A-2							
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
3-8 5.5 7.1 18.9 J. nigra 119.1		C-3						B-4 C-3		
1-1 1.8 .9 4.1 Ostrya virg 35.7									(A-1) sd	
Populus gran										
P. tremul										
2-2 3.6 1.8 8.1 Prunus serot 29.2		A-3	A-5		A-3			A-4		
21-46 38.2 40.7 118.2 Quercus alba 425.5	A-4 B-4 C-3		B-2	B-2 B-2 B-4	C-2 sd C-2	C-2 B-2	C-3 C-3	C-3	C-3 C-3 A-4	(B-2) sd A-4
Q. ellipsoid										
Q. macrocarpa								B-4		
21-45 38.2 39.8 117 Q. rubra 655.2	A-4 C-4 B-4	C-4 B-4	C-4	C-4 B-4	A-5 C-4 C-3	B-5 B-4	B-4 B-3	B-4 A-3 C-4 B-3		A-4
Q. velutina										
4-8 2.3 7.1 21.6 Tilia amer 152.7						(B-5) sd	(B-4) sd		(A-5) sp	
Ulmus amer							(C-5) T65			
1-1 1.8 .9 4.1 Ulmus fulva 33.6		A-4								
Distance	15 30 22 43	10 11 20 40	22 34 20 40	14 27 16 34	11 30 5 27	8 24 17 26	19 15 9 25	23 25 23 34	21 13 22 11	21 6 7 44

C.I. = 1532.3

ave.

21.6'

93/ac

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1565

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>						23				
<i>A. saccharum</i>		43	4		36 16	4 17 25	2	3 46 17+11	3	2
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>	29	4	12	3	13		12	2	14 22 17	2
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>			15 21							12 26
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>	13 21									
<i>Quercus alba</i>		63					70 310 36			190
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>		60	240		230 200	220		240		295
<i>Q. velutina</i>										
<i>Tilia amer</i>	13 26			23	2		26			
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>				50	37			15+11	95	
	5 7 5 9	6 16 7 13	3 18 12 6	23 9 6 14	7 15 15 16	19 8 14 10	6 7 6 9	3 13 7 13	6 15 12 21	3 12 11 14
Distance	16 25 6 8	5 19 14 23	11 3 11 25	10 7 12 11	3 15 14 19	24 10 14 6	16 21 12 35	7 11 18 15	11 11 10 22	4 16 19 8

65

1610
1313

85

12 20
8 23

95

821
1718

95

90

Palma 82
 " 113
 " 108

Station No.	1	2	3	4	5	6	7	8	9	10
1' depth										
2' depth										
3' depth										
4' depth										
5' depth										
6' depth										
7' depth										
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88' depth										
89' depth										
90' depth										
91' depth										
92' depth										
93' depth										
94' depth										
95' depth										
96' depth										
97' depth										
98' depth										
99' depth										
100' depth										

PLANT RECORD SHEET

SOIL/LEAF ANALYSIS

STATION NO.

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1565

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	1	1	420 4712+1	1				35	1	1
Betula papy.										
Carpinus car										
Carya cord								1		
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am				20	1	3	2	2		2 13
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	19 25 23	3	13 16	3 13	12 12	17		1	2	
Populus gran			95							
P. tremul										
Prunus serot		17					24			
Quercus alba	165	2		48	21	68 112 60	1	110		17
Q. ellipsoid										
Q. macrocarpa										
Q. rubra	2				205	330			240	3
Q. velutina										
Tilia amer			19	1	115 50	1	77	1235 1523 13+1	2441 7280 300	1
Ulmus amer									1875 95+1	39
Ulmus fulva					16			35	80	24
Camp		80		60		65		95		60
Sap	16 18 7 26	8 11 7 17	6 24 14 27	8 28 11 14	10 17 6 13	3 9 5 6	11 14 8 10	3 9 8 12	6 11 18 15	5 6 13 15
Distance	15 12 11 19	5 14 7 25	14 23 4 25	6 14 13 21	16 12 15 18	19 12 19 15	9 12 8 8	6 15 5 12	14 25 10 14	10 11 15 25

14 27 3 31
12 25 30 3220 19
14 182 13
18 35

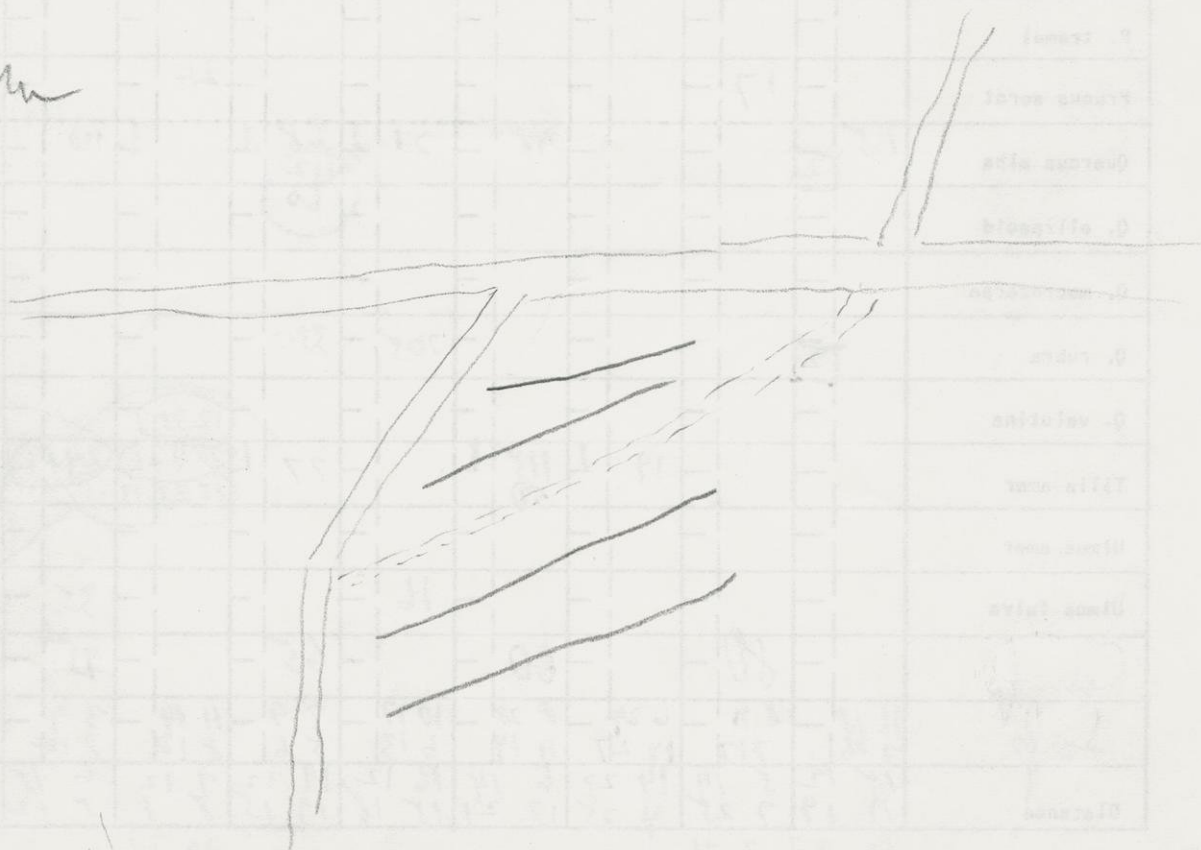
Light selec cut (Red tint only)
 out High 185
 In Low 115 95 105 60
 90 90 70 65 185

High 115

A₀ $\frac{1}{4}$ - 1"

A₁ 1 - 2 $\frac{1}{2}$ " Silt loam

B yellow



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1565

STATION NO.	1	2	3	4	5	6	7	8	9	30
Acer rubrum										
A. saccharum	1	18 23	3 16	13 3	24 4	2	2	1	3	24 4 17 30
Betula papy.										
Carpinus car										
Carya cord								1		1
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am	14		26	16 17		1	1	(16)		
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	1	28	38			12		2		
Populus gran										
P. tremul										
Prunus serot						13				
Quercus alba			272	100	40		290 183	365	358	366
Q. ellipsoid										
Q. macrocarpa										
Q. rubra					455 329	54	252	348		
Q. velutina										
Tilia amer	34	60 30	2	1		(78 111)	64	17	32	(60 93)
Ulmus amer										
Ulmus fulva					12				57	
	9 15 11 17	10 14 12 15	5 13 5 16	7 6 11 7	2 12 7 17	16 9 18 10	12 10 16 8	5 7 16 8	10 7 12 12	3 14 6 15
Distance	8 10 15 9	13 20 6 12	15 5 15 11	6 5 12 9	7 19 6 16	23 5 12 14	7 18 8 19	30 7 6 12	13 15 28 25	18 23 16 13

95 95 80 50 65 90 75

																CI		Au. BA. 7565	
Tree	No.	No.	No.	No.	No.	F.%	D.%	F.%	D.%	Dom.%									
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	I.I.	C.I.	Tr.	ST.			
Acerrubrum			(20)																
A. saucharum	11	18	902	24	52	35.3	43.3	117.9	1179.0	12.4	15.0	8.2	35.6	356.0	50.1	45.1			
Carya cord.				3	3	4.4	2.5	10.4	89.4										
C. ovata																			
Celtis occiden.																			
Fagus grand.																			
Fraxinus amer.	11	14	241	15	28	22.1	23.3	68.1	456.3	12.4	11.7	2.2	26.3	176.2	17.2				
F. lanceolata																			
F. pennsylvani																			
Juglans cinere																			
J. nigra			(17)																
Ostrya virgin.	9	15	314	10	19	14.7	15.8	45.7	397.6	10.1	12.5	2.9	25.5	221.8	20.9	18.5			
Populus grand.	1	1	95							1.1	.8	.9	2.8	12.0	95				
P. tremuloides																			
Prunus serotin	4	5	88	1	1	1.5	.8	3.5	12.6	4.5	4.2	.8	9.5	34.2	17.6				
Quercus alba	15	19	3227	3	3	4.4	2.5	10.4	37.4	16.9	15.8	29.4	62.0	223.2	169.8	161.3			
Q. ellipsoidalis																			
Q. macrocarpa																			
Q. rubra	13	15	3768							14.6	12.5	34.3	61.3	343.3	251.2				
Q. velutina			(35)																
Tilia american	15	21	1866	11	13	16.2	10.8	40.5	295.6	16.9	17.5	17.0	51.4	375.2	88.9	53.3			
Ulmus american																			
U. rubra	10	12	492	1	1	1.5	.8	3.5	28.7	11.2	10.0	4.5	25.7	210.7	41				
			(139)																
	89	120	10,993	68	120	100.1	99.8	300	2496.6	100.1	100.0	100.2	300.1	1952.6					

1.16 stem/tree

+544

Candy 78.8%

18.1%

1565

CI = 1953

	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	453
Pop. trem.																		
Quercus ellip.																		
Q. macrocarp.																		
Q. velut.																		
Prun. serot.	3	1	3	2														10 5
Querc. alba	9	3		1	1	2	1	2	3 ①			1	2		1	2	3	37 19 ① 2
Pop. grand.								1										2 1
Carya ovata																		
Querc. rubra						2								7	2	3		1 2 15
Juglans nig.																		
Frax. amer.	84	28	10	3	1													27 14
Acer rubrum																		
Tilia amer.	39	13	2	4 ②	5 ③	1	2 ③	2	2 ③	1 ①	1				1 ④			42 21 ① 28
Jug. cinerea																		
Ulmus amer.																		
Celtis occ.																		
Ulm. rubra	3	1	3	1	4	1	1	2										24 12
Carya cord.	9	3																
Ostrya virg.	57	19	9 ②	5	1													29 15 ② 4
Acer sacc.	155	52	7	5	3	2											1 ②	35 18 ② 4
		120																120 ① 38

Sap CI = 2497

#/acre	359	137.2	31.4	19.6	5.9	15.7	21.6	3.9	235
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Iowa Co.
Univ. of Wisconsin
5N 3E NE 15
Stand No. 1565
Quadrat No.

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

(11-20 = 20-30 trees)

Actaea pachypoda
✓ Adiantum pedatum 3, 10, 17
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata 1, 3, 11
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium 8
Aquilegia canadensis
Aralia nudicaulis 8
A. racemosa 13
Arenaria lateriflora
Arisaema atrorubens 23, 18
Asarum canadensis
Aster macrophyllus
A. sagittifolius
A. shortii
Athyrum filix-femina 3
Botrychium virginianum
Brachyelytrum erectum 20
Campanula americana
Carex albursina 14
C. pensylvanica 12, 35, 67, 89, 11, 12, 15
Caulophyllum thalictroides
Celastrus scandens 7
Circaea quadrisulcata 25, 69, 10, 11, 12, 14
Claytonia virginiana
Cornus alternifolia
C. femina 1, 6, 14
✓ C. rugosa
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum 12, 79, 10, 11, 15
✓ D. nudiflorum 4, 10, 16, 19
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine 10
G. circaeazans
G. concinnum 145
G. lanceolatum
G. triflorum
Geranium maculatum 125, 78, 9, 15, 16
Gerardia grandiflora
Geum canadense
Goodyera pubescens 15
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. 235, 15, 14, 20
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 6, 12, 15, 16, 19, 20
Phlox divaricata
✓ Phryma leptostachya 3, 10, 11, 12, 15, 19, 20
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis 9, 19, 20
Rhus radicans 168, 15, 16
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis 16
R. occidentalis 11
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 78, 910, 11, 12, 13, 16
S. marilandica 8
Smilacina racemosa 58, 910
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 8
V. pubescens
Vitis aestivalis 2, 20
V. riparia 2, 20
Xanthoxylum americ.
Zizia aurea

Additional species:

✓ 3. rufum 129, 14, 16
- Ostrya 125, 68, 910, 15, 16, 17, 18
✓ Andromeda 5
- Prun. virg 2, 19, 20
- Acer sac 567, 12, 14, 15
- Ulmus 5, 13, 17, 18
- Tilia 6
- Prun. serot 89
- Querc 10

- Diocoria 15, 16

SOUTHERN UPLAND HARDWOODS

Presence

1565

Actaea pachypoda
 ✓ Adiantum pedatum 15
 ✓ Agrimonia gryposepala
 ✓ Amelanchier spp. 5
 ✓ Amphicarpa bracteata 15
 Anemonella thalictroides
 ✓ Apocynum androsaemifolium 5
 ✓ Aralia nudicaulis 5
 ✓ A. racemosa 5
 Arenaria lateriflora
 ✓ Arisaema atrorubens 15
 Aster macrophyllus
 ✓ A. sagittifolius
 A. shortii
 ✓ Athyrium filix-femina 5
 ✓ Botrychium virginianum
 ✓ Brachyelytrum erectum 5
 Carex albursina
 ✓ C. convoluta 5
 ✓ C. pensylvanica 60
 Caulophyllum thalictroides
 ✓ Celastrus scandens 5
 ✓ Circaea quadrisulcata 50
 ✓ Cornus alternifolia
 ✓ C. femina 15
 ✓ C. rugosa
 ✓ Corylus americana 5
 ✓ Cryptotaenia canadensis
 ✓ Desmodium glutinosum 55
 ✓ D. nudiflorum 20
 ✓ Dioscorea villosa 10
 Eupatorium purpureum
 ✓ E. rugosum
 Festuca obtusa
 Fragaria virginiana

Additional species:

✓ Galium aparine 5
 G. circaezans
 ✓ G. concinnum 15
 G. lanceolatum
 G. triflorum
 ✓ Geranium maculatum 40
 Geum canadense
 Hackelia virginiana
 ✓ Helianthus strumosus
 Hepatica acutiloba
 Hydrophyllum virginianum
 ✓ Hystrix patula
 Impatiens biflora
 Lactuca biennis
 Laportea canadensis
 Lathyrus ochroleucus
 ✓ Lonicera prolifera
 Lysimachia quadrifolia
 Monarda fistulosa
 ✓ Osmorhiza claytoni 30
 O. longistylis
 Oxalis violacea
 Panicum latifolium
 Parietaria pensylvanica
 ✓ Parthenocissus vitacea 30
 Phlox divaricata
 ✓ Phryma leptostachya 35
 ✓ Podophyllum peltatum
 Polemonium reptans
 ✓ Polygonatum canaliculatum
 P. pubescens
 Polygonum virginianum
 ✓ Potentilla simplex
 Prenanthes alba
 ✓ Prunus virginiana 15

Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 R. recurvatus
 ✓ R. septentrionalis 15
 ✓ Rhus radicans 25
 R. cynosbati
 R. missouriense
 Rosa sp.
 ✓ Rubus allegheniensis 5
 ✓ R. occidentalis 5
 R. strigosus
 Sambucus canadensis
 Sanguinaria canadensis
 ✓ Sanicula gregaria 40
 ✓ S. marilandica 5
 ✓ Smilacina racemosa 20
 S. stellata
 ✓ Smilax ecirrhata
 ✓ S. herbacea
 Solidago canadensis
 S. flexicaulis
 S. ulmifolia
 Thalictrum dioicum
 ✓ Triosteum perfoliatum
 ✓ Uvularia grandiflora
 Veronicastrium virginicum
 Viburnum acerifolium
 V. lentago
 ✓ V. rafinesquianum
 ✓ Viola cucullata 5
 V. pubescens
 Vitris aestivalis
 ✓ V. riparia 10
 Zanthoxylum americanum

- Koeberlinia pub. 5

- Solidago gigantea
 - Zizia

- Ambrosia trifida
 - Asclepias exaltata
 - Crataegus
 - Acer sacce 30
 - Fraxinus 25
 - Ostrya 55
 - Prunus serot 10
 - Quercus 5
 - Tilia 5
 - Ulmus 20

1565

CI=1953

Sap-2497+2

H-329 S

