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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 29

STATION NO.	21	2	3	4	5	6	7	8	9	30
Acer rubrum										
A. saccharum				1						
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1	1				13	1	1	1	
Celtis occ	1				3	3	2			
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot		28 (80 65)	40			1			60	1 24 1
Quercus alba										
Q. ellipsoid										
Q. macrocarpa			18	L		1	(45+1)	L 17 45	3 14	1 3
Q. rubra	50 (65 70 75)	60 35	(50 60)	(70 85) 115	70 45 90 (90)	160 170	85 90 170	170 (60 60)	(85 90) 65	60 (55 70) (90 75)
Q. velutina			(75 110)	55 85	(75)	65	230 120			
Tilia amer										
Ulmus amer										
Ulmus fulva		1	2	3						
Acer neg.	2	2	1						1	
	14 11 19 17	21 12 16 21	9 13 12 14	10 22 14 17	13 6 22 15	17 7 2 14	14 7 11 16	12 25 13 18	23 10 8 26	27 10 23 19
Distance	12 10 12 19	17 11 17 20	12 16 16 30	16 12 7 9	8 12 12 13	8 17 10 32	10 16 12 26	6 11 12 13	6 11 11 18	13 8 15 10

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 29

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>					1		2	1		1
<i>Celtis occ</i>									1	
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>										
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>			1							
<i>Ostrya virg</i>										
<i>Populus gran</i>					130	120				
<i>P. tremul</i>						130				
<i>Prunus serot</i>	80		1	30 27 15	1	40 35 60	1	115	1	
<i>Quercus alba</i>				13	1					14
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>		25 13	1	2	2	1	2	15	2	1
<i>Q. rubra</i>	40 70 35 45	75 90 30 35 16	85 40 55 65 80	100 160	75	30 18	35 55 20 50 55	45 110 28	30 75 40 75 35 40	95 20 40 100
<i>Q. velutina</i>								70 45		
<i>Tilia amer</i>										
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>										
<i>Acer neg</i>	4	3						16		
	11 13 13 23	12 17 20 15	11 25 14 32	15 17 10 14	5 10 20 16	16 17 17 18	14 22 15 30	28 17 22 26	3 14 19 21	4 20 3 31
Distance	11 8 10 12	9 17 14 25	7 9 12 22	7 11 14 15	14 12 16 15	5 11 8 13	12 9 10 21	13 15 12 11	18 12 15 16	8 16 11 19

Light 6400 - 5600

230

280

320

280

600

180

200

380

240

190

240

250

340

220

240

Soil

A₀ $\frac{1}{8}$ "

$\frac{1}{8}$ "

Sandy loam

A₁ $1\frac{1}{2}$ - $2\frac{1}{2}$ " 2"

Temp

Soil 16

17°

Air 26

23.5°

Water perm 50 cc

40 sec.

25

Melina

N.

at S. and toward west.

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 29

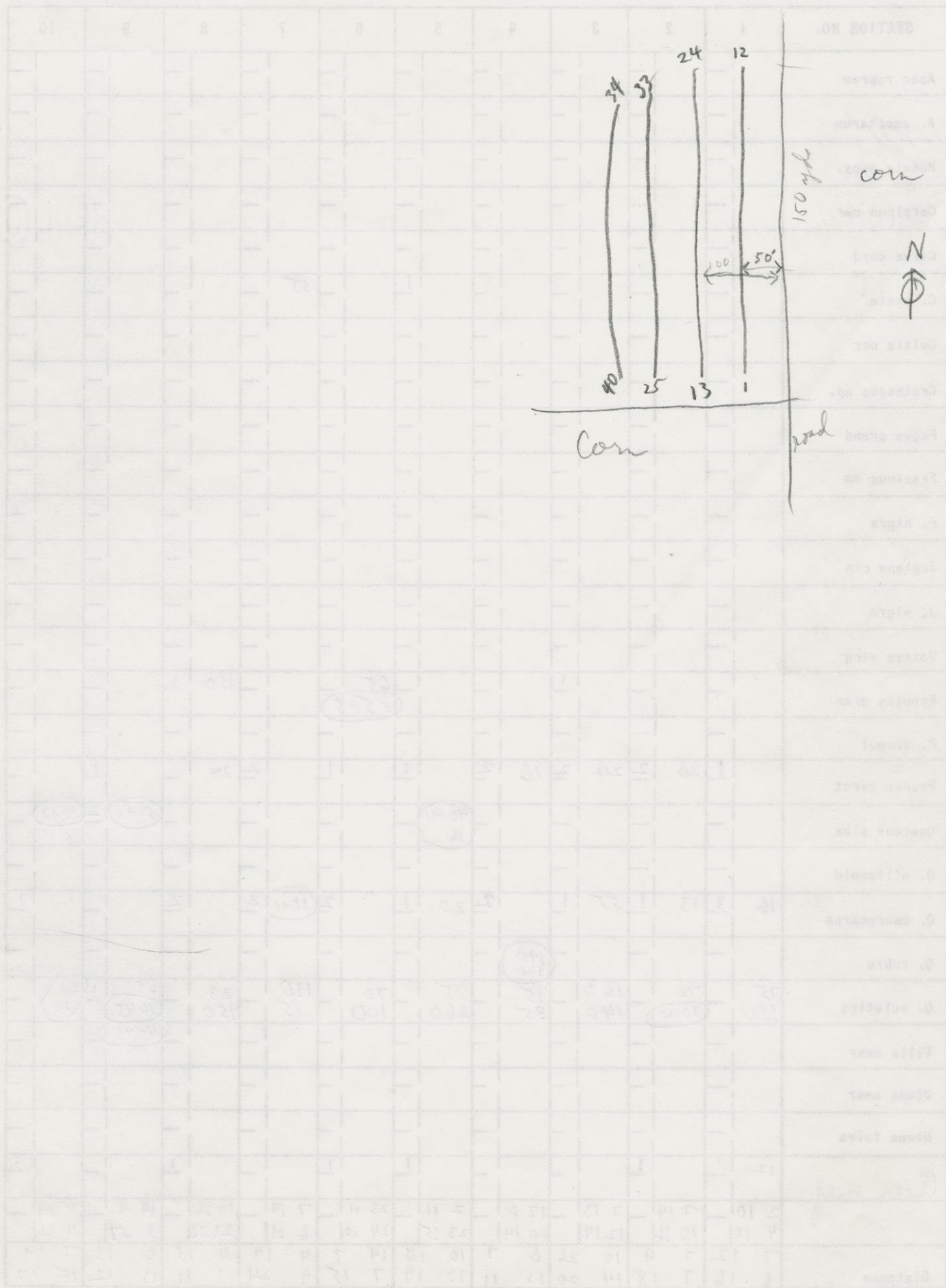
STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>					1		55			
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>										
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>										
<i>Populus gran</i>			1			65 (8585)		150	1	
<i>P. tremul</i>										
<i>Prunus serot</i>	1	20	2 24	2 16	2	1	1	2 24	1	
<i>Quercus alba</i>					40 40 16				50+1	2 22 27 35 30
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>	16	3 13	1 55	1	2 20	1	2 35+1	2	2	1
<i>Q. rubra</i>				140 120						
<i>Q. velutina</i>	75 380	70 (30 100)	160 140	95 35	75 260	70 100	110 35	23 150	65 (70 45) (45 45)	1 60 35
<i>Tilia amer</i>										
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>										
<i>Acer neg</i>	12	1				1	1		1	3
	2 10 4 10	7 14 10 16	7 13 12 14	17 8 20 14	2 11 23 35	23 11 24 20	7 14 6 21	10 26 21 32	14 9 8 27	15 19 11 21
Distance	7 12 6 16	7 9 7 18	10 26 14 20	6 7 13 11	10 10 10 19	14 7 7 15	9 19 9 24	4 15 7 11	6 13 13 12	7 9 15 17

Red
Black
gfp.
Red >
Black

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 2



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 29

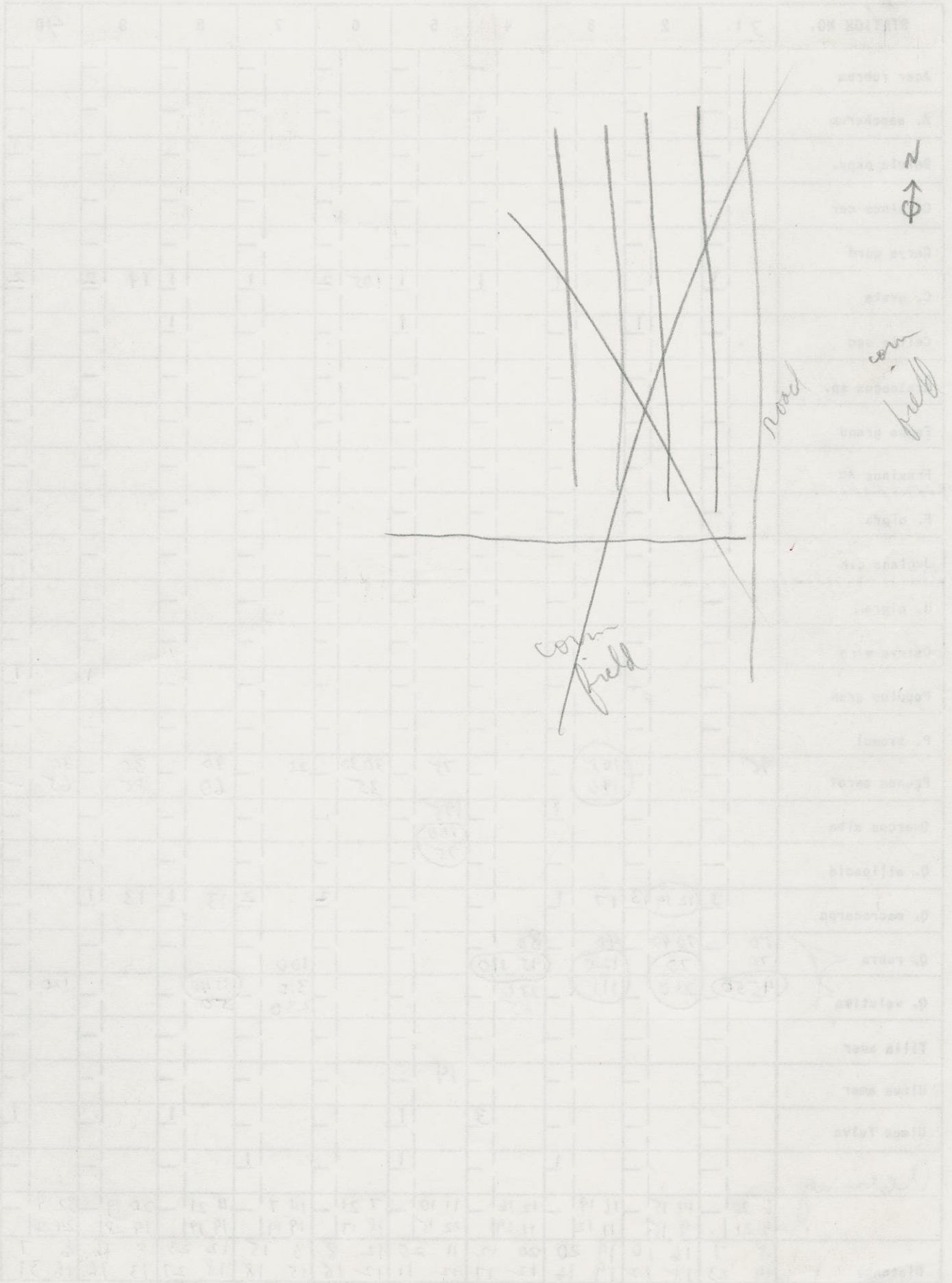
STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1		1	1	1	105	2	1	19	2
Celtis occ		1			1			1		
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran									1	1
P. tremul										
Prunus serot	95		(105) (140)		75	30 30 35	20	90 60	30 85	30 65
Quercus alba			1		(195) (100) 35					
Q. ellipsoid										
Q. macrocarpa	3	(12 14)	3 17	1		2	2	13	13	1
Q. rubra	50 70	70 40 70	40 (120)	80 (45 110)			100			
Q. velutina	(45 50)	210	(115)	230 85			310 230	(35 40) 50		120
Tilia amer										
Ulmus amer					14					
Ulmus fulva				3	1			1		1
Acer neg			1		1		1			
	6 20 9 21	14 15 9 15	16 19 11 12	12 16 11 19	11 10 22 15	7 21 18 17	14 7 19 19	4 21 19 19	20 19 14 28	32 9 24 24
Distance	8 7 14 23	16 10 18 12	19 20 19 16	20 12 12 17	11 20 12 11	12 8 12 18	3 15 15 18	12 23 18 27	8 16 13 16	6 7 16 31

Red oak
Bank
leaves
sometimesBl oak
leaves
sometimes
acorns(35)
85

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 2



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1533

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										
5 4.7 14.6 Prunus serot 52.6	A-5 T75+2T	A-5 T60+1T	A-5 T18+1T							
15 13.8 43.4 Quercus alba 156.2			A-5 T19+5T	A-5 T60+2T	A-5 T27+1T	A-2			A-5 T25	
Q. ellipsoid										
5 4.7 14.6 Q. macrocarpa			A-5 T35+5T			A-5 T40+1T				
75 76.6 Q. rubra 227.4	A-5 T120+1T	A-5 T60+1T	B-5 T50	A-5 T25	B-4 T72+1T	B-4 T75+1T	A-5 T60	A-5 T110	A-5 T50	A-5
Q. velutina 232.8	A-4 T50	same T80 +28cap	A-5 T50	A-5 T40	A-5 T50+1T		A-5 T55+1T	A-5 T75	A-5 T55	A-3
Tilia amer							A-5 T85	A-5 T90+1T	A-5	
Ulmus amer								A-5		
Ulmus fulva										
Canopy	80	75	80	70	65	50	70	65	75	85
Distance	23 29 35 30 37 32 14 19		11 11 10 8 13 17 7 20		24 9 34 14 14 24 24 23		10 10 30 12 40 14 10 16		3 38 13 26 13 16 18 12	

CI = 1155.7

ave.
71.5%
19.1'
119/ac

CI

AVE. BA.

Tree	No. : Pts. : Tr.	No. : Dom.	No. Pts. : Sap.	No. : Sap.	F. % : Sap.	D. % : Sap.	TL : Seed	F. % : Seed	F. % : Tr.	D. % : Tr.	Dom. % : Trees	I. I. : C. I.	Tree : Tree	Stem : Stem
Acerrubrum														
A. saccharum			1	1	.9	.6	2.3	23						
Carya cord.														
C. ovata	4	4	192	19	23	17.1	14.4	47.2	212.4	4.5	2.5	1.3	8.3	37.3
Celtis occiden.			8	13	7.2	8.1	22.9	183.2						
Fagus grand.														
Fraxinus amer.														
F. lanceolata														
F. pennsylvani														
Juglans cinere														
J. nigra			1	1	.9	.6	2.3	14.5						
Ostrya virgin.		⑦												
Populus grand.	4	6	765	4	4	3.6	2.5	9.1	39.1	4.5	3.7	5.3	13.5	58.1
P. tremuloides		②④												
Prunus serotin	20	29	1793	15	19	13.5	11.9	38.1	137.2	22.7	18.1	12.4	53.2	191.5
Quercus alba	6	9	⑬ 617	3	24	2.7	2.5	7.8	28.1	6.8	5.6	4.3	16.7	60.1
Q. ellipsoidalis		⑫												
Q. macrocarpa	14	16	387	31	52	27.9	32.5	90.6	90.6	15.9	10	2.7	28.6	28.6
Q. rubra		⑫①												
Q. velutina	37	93	10,720	2	2	1.8	1.2	4.5	18.5	42	58.1	73.6	173.7	712.1
Tilia american														
Ulmus american	1	1	14	2	2	1.8	1.2	4.5	20.7	1.1	.6	.1	1.8	8.2
U. rubra				9	14	8.1	8.7	25.2	206.6					
Acer negundo	2	2	28	16	25	14.4	15.6	45	45	2.3	1.2	.2	3.7	3.7
		②①①												
	88	160	14,516	111	160	99.9	99.8	299.5	1018.9	99.8	99.8	100.0	299.7	1099.5

Ave. Dist.
Btw'n Trees
SAP
13.3 15.6

Ave. BA
(Total
PA ÷ 80)
TREE STEM
90.7 69.5
No. Trees
Per acre
246.3 179
Dom. per
acre

22,339.4

1.31 stems/tree

— 80.6

	12-	23-	34-	45-	56-	67-	78-	89-	100-	125-	150-	175-	200-	250-	300-	350-
	22	33	44	55	66	77	88	99	124	149	174	199	249	299	349	399
CAR. OVATA	2			1					1							
POP. GRAND.					1		2		1	2	1					
PR. SEROT.	4	10	5		5	1	4	2	2	12						
QUERC. ALBA	4	2	4	1					1			1				
Q. MAC.	12	1	1	3												
{ Q. RUB.	4	6	17	21	12	23	9	8	15	2	7		4	1	1	1
{ Q. VELUT.																
ULM. AMER.	1															
ACER NEG.	2															
POT. ACOT.	29	19	27	26	18	24	15	10	20	5	8	1	4	1	1	209

168

41

80.4%

19.6%

STEMS

	1	2	3	singles	mult.	trunk	stems	no mult.	stem/tree
Q. alba	6	2	1	6	3	9	13	33.3	1.44
Q. mac	15	1		15	1	16	17	6.2	1.06
Q. rub-velut.	60	28	5	60	33	93	131	35.5	1.41
				81	37	118	161	31.4	1.36

22.5%

CI = 1099

1533

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.																		
Quercus ellip.	25	2																3 2
Q. macrocarp.	52	100	2	1	2	1												25 16 ① 2
Q. velut.	✓																	
Prun. serot.	21 19	1	70	6	2	30	2	6 ②		1	10							45 29 ⑤ 8
Querc. alba	4 4	2	10	2	2 ②				10				1					14 9 ④ 6
Pop. grand.	4 4						1	10		3	1							9 6 ① 2
Carya ovata	26 23	2				1			1									6 4
Q. VELUTINA																		
Querc. rubra	2 2		2	6 ③	14 ③	9 ⑦	20 ⑧	15 ⑥	8 ⑤	4 ①	3 ①	5 ①		4 ③	1 ①	1		142 93 ③ 58
Juglans nig.	1 1																	
Frax. amer.																		
Acer rubrum																		
Tilia amer.																		
Jug. cinerea																		
Ulmus amer.	2 2	1																2 1
Celtis occ.	15 13																	
Ulm. rubra	16 14																	
Carya cord.																		
Ostrya virg.																		
Acer sacc.	1 1																	
	160																	160 ④ 76
Sap CI =	1019																	
Av dist	13.3																	
Av BA	69.5 (90.7)																	
Trees/acre	246.3		11			4			4			6		3				
Dom/acre	22,339		⑥			②①			①⑥			③		③				
#/acre	179	69.3				87.8			61.6			16.9		7.7		3.1		246

Rock 6. 1533
 Univ. of Wisconsin
 3N 10E SE of NW 16
 Stand No. 29
 Quadrat No.

Data Form No. 40

Plant Ecology Research

Presence or Frequency
 (Common species only)

SOUTHERN UPLAND HARDWOODS

Actaea pachypoda
 Adiantum pedatum
 Agrimonia gryposepala 5
 Allium tricoccum
 Amphicarpa braceata
 Anemone quinquefolia
 A. virginiana
 Anemonella thalictroides
 Antennaria sp.
 Aplectrum hiemale
 Apocynum androsaemifolium
 Aquilegia canadensis
 Aralia nudicaulis
 A. racemosa
 Arenaria lateriflora 6
 Arisaema atrorubens
 Asarum canadensis
 Aster macrophyllus
 A. sagittifolius
 A. shortii
 Athyrium filix-femina
 Botrychium virginianum
 Brachyelytrum erectum
 Campanula americana
 Carex albursina
 C. pensylvanica
 Caulophyllum thalictroides
 Celastrus scandens 45
 Circaea quadrisulcata 12345891011
 Claytonia virginiana
 Cornus alternifolia
 C. femina 2345710
 C. rugosa
 Corylus americana 8
 Cryptotaenia canadensis
 Cyripedium 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. circaeazans
 G. concinnum 145610
 G. lanceolatum
 G. triflorum 2
 Geranium maculatum 13689
 Gerardia grandiflora
 Geum canadense 458912
 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 1510
 Laportea canadensis
 Lathyrus ochroleucus
 Lonicera prolifera
 Lysimachia quadrifolia
 Maianthemum canadensis
 Menispermum canadensis
 Mitella diphylla
 Monarda fistulosa
 Orchis spectabilis
 Oryzopsis racemosa
 Osmorhiza clayton. 356891011
 O. longistylis 12
 Osmunda claytoni
 Panax quinquefolia
 Panicum latifolium
 Parietaria pennsylvanica
 Parthenocissus inserta 14689112
 Phlox divaricata
 Phryma leptostachya 2489101112
 Podophyllum peltatum
 Polemonium reptans

Polygonatum canaliculatum 2
 Polygonatum pubescens
 Potentilla simplex 12
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 R. recurvatus
 R. septentrionalis
 Rhus radicans 811
 Ribes americanum
 R. cynosbati 2812
 R. missouriense
 Rosa sp.
 Rubus allegheniensis 1234511
 R. occidentalis 7
 R. strigosus 591011
 Sambucus canadensis 9
 Sanguinaria canadensis
 Sanicula gregaria 8
 S. marilandica
 Smilacina racemosa 179
 S. stellata 1378
 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 1491011
 Xanthoxylum americ.
 Zizia aurea

Additional species:

- Acer neg 69
 - Prunus serot 45691012
 - P. virgin 5
 - Querc. velut 68
 - ~~Sp. alba~~
 - Arctium 891011
 - Carya ovata 5

SOUTHERN UPLAND HARDWOODS

1533

Actaea pachypoda
 ✓ Adiantum pedatum
 ✓ Agrimonia gryposepala 5
 Amelanchier spp.
 Amphicarpa bracteata
 Anemonella thalictroides
 ✓ Apocynum androsaemifolium
 Aralia nudicaulis
 A. racemosa
 ✓ Arenaria lateriflora 5
 Arisaema atrorubens
 Aster macrophyllus
 A. sagittifolius
 A. shortii
 ✓ Athyrium filix-femina
 ✓ Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 C. convoluta
 ✓ C. pensylvanica
 Caulophyllum thalictroides
 ✓ Celastrus scandens 10
 ✓ Circaea quadrisulcata 80
 Cornus alternifolia
 ✓ C. femina 40
 C. rugosa
 ✓ Corylus americana 5
 Cryptotaenia canadensis
 ✓ Desmodium glutinosum 10
 D. nudiflorum
 Dioscorea villosa
 Eupatorium purpureum
 E. rugosum
 Festuca obtusa
 Fragaria virginiana

✓ Galium aparine
 G. circaeans
 ✓ G. concinnum 35
 G. lanceolatum
 ✓ G. triflorum 30
 ✓ Geranium maculatum 45
 ✓ Geum canadense 45
 ✓ Hackelia virginiana
 Helianthus strumosus
 Hepatica acutiloba
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens biflora
 ✓ Lactuca biennis 20
 Laportea canadensis
 Lathyrus ochroleucus
 Lonicera prolifera
 Lysimachia quadrifolia
 Monarda fistulosa
 ✓ Osmorhiza claytoni 55
 ✓ O. longistylis 30
 Oxalis violacea
 Panicum latifolium
 ✓ Parietaria pensylvanica 5
 ✓ Parthenocissus vitacea 75
 Phlox divaricata
 ✓ Phryma leptostachya 70
 Podophyllum peltatum
 Polemonium reptans
 ✓ Polygonatum canaliculatum 5
 P. pubescens
 Polygonum virginianum
 ✓ Potentilla simplex 10
 Prenanthes alba
 ✓ Prunus virginiana 10

✓ Pteridium aquilinum
 Pyrrola elliptica
 Ranunculus abortivus
 ✓ R. recurvatus
 R. septentrionalis
 ✓ Rhus radicans 20
 ✓ R. cynosbati 25
 R. missouriense
 Rosa sp.
 ✓ Rubus allegheniensis 60
 ✓ R. occidentalis 10
 ✓ R. strigosus 30
 ✓ Sambucus canadensis 20
 Sanguinaria canadensis
 ✓ Sanicula gregaria 5
 S. marilandica
 ✓ Smilacina racemosa 30
 ✓ S. stellata 20
 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 10
 V. pubescens
 Vitris aestivalis
 ✓ V. riparia 30
 Zanthoxylum americanum

Additional species:

- Arctium minus 30
 - Ambrosia trifida

- Acer neg. 15
 - Carya ovata 5
 - Prunus serot. 55
 - Q. alba 5
 - Q. velut. 10
 - Ulmus Rubra 5

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 29
Quadrat No.

13-20

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
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 4568920
Claytonia virginiana
Cornus alternifolia
C. femina 47
C. rugosa
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum 720
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine
G. circaeazans
G. concinnum 38
G. lanceolatum
G. triflorum 457920
Geranium maculatum 5689
Gerardia grandiflora
Geum canadense 3478
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 7
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton. 3578
O. longistylis 45820
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica 20
Parthenocissus inserta 345678
Phlox divaricata 920
Phryma leptostachya 34578920
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 7
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans 37
Ribes americanum
R. cynosbati 69
R. missouriense
Rosa sp.
Rubus allegheniensis 345689
R. occidentalis 5
R. strigosus 79
Sambucus canadensis 367
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa 589
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 820
V. pubescens
Vitis aestivalis
V. riparia 4
Xanthoxylum americ.
Zizia aurea

Additional species:

- Acer neg 8
- Q. alba 8
- Prunus serot 13567
- Prunus virgin 20
- Prunus faba 7

1533

CI = 1009

Sap - 1019 S

H - 242 S

