



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1522: Green County, Township 3N, Range 8E, Section 10.

[s.l.]: [s.n.], [s.d.]

<https://digital.library.wisc.edu/1711.dl/SVM65LNTY52TE8D>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

1522 STAND #

hel

STAND # 1522

	STAND CHARACTERISTICS	Soils	W.R.C.	
1113	TREE CI			69.2
1389	SAP CI		pH	6.0
+276	CI DIFFERENCE	lbs/ACRE	CA Mg P K NO ₃ NH ₃	1200 1500 40 165 + 20
152	2 SAPS / ACRE			
179	2 TREES / ACRE		Soil PROFILE	A ₀ 1/8 A ₁ 3-3 1/2" silt loam
89-	2 AVE. B.A. STEM			
89+	AVE BA TREE		SLOPE	0° rolling 1 side 20 of 60 acres
16003	Dom. / ACRE		CI	827
333	stems + sps	CUTTING	STUMPS / ACRE	12
181	stems / ACRE		Spp. cut	QA 62 QV 38
1,01	1 STEM / TREE			
1	% mult		Ave. size cut	B
68.5	CANOPY %	Ave.	TIME SINCE CUT	2.4

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 24

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										
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am											
F. nigra											
Juglans cin.											
J. nigra											
Ostrya virg											
Populus gran											
P. tremul											
Prunus serot	1	2	2	2	1	20	1	260	12	1	2
Quercus alba	40 60 75 75	65 95 45	40 65 70 85	70 110	20	175 29 200	1 75 45 65	110 22	100 85	35 45 45	70
Q. ellipsoid											
Q. macrocarpa											
Q. rubra				30 260			350	1			
Q. velutina		130			170 135 45		1	26		170	
Tilia amer									2		
Ulmus amer											
Ulmus fulva	2		2	2	3			2	1	1	
<i>Acer neg.</i>		2					1			2	1
<i>Sap</i>	15 6 13 24	14 21 34 18	14 18 30 14	19 32 22 35	16 40 14 35	29 18 27 8	17 34 21 25	11 26 35 20	7 26 8 20	12 7 14 13	
Distance	14 17 11 25	12 21 14 12	3 15 12 19	11 12 14 24	3 14 7 14	11 8 23 33	5 25 7 23	11 15 25 18	14 7 18 14	12 8 12 15	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 24

STATION NO.	21	2	3	4	5	6	7	8	9	310	
Acer rubrum											
A. saccharum											
Betula papy.											
Carpinus car											
Carya cord											
C. ovata	1	130				110					
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am											
F. nigra											
Juglans cin.											
J. nigra	16 32		1								
Ostrya virg											
Populus gran											
P. tremul											
Prunus serot	1		2	2	1	1	3	13	3	4	
Quercus alba	110	165 75	100 120 170	35 45	60 95	80	70 60	95 90	135 27	170 140	45 55 65 35
Q. ellipsoid			140		120					115	
Q. macrocarpa											
Q. rubra										95	
Q. velutina	180	1		170		250		1			
Tilia amer					1						
Ulmus amer		1			1						
Ulmus fulva	1	1	1	1		13	3	1			
Acer neg		1	1	1	1						
	33 24 19 25	9 17 26 9	6 12 10 26	8 10 11 15	10 20 12 21	5 17 7 14	16 30 8 14	20 16 24 21	2 28 3 13	17 19 18 16	
Distance	35 25 25 12	27 36 21 30	11 11 33 27	15 14 8 10	17 15 14 15	11 10 11 12	16 10 7 14	16 13 19 9	13 10 13 26	8 15 6 22	
		11	12			13		14	15	16	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 24

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata					(45 13)	1	1			
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	2	1	4	4	3	3	3	3	1	2
Quercus alba	125 65 60	65 70 35 75 85	30 65 70 120	75 29 50	180 28	75 140	150 105 110	40 130 75	35 90 85 20	90 75 30
Q. ellipsoid										
Q. macrocarpa										
Q. rubra				150					65	
Q. velutina					160	35 130				80
Tilia amer										
Ulmus amer	1	1								1
Ulmus fulva	1	2						1	1	2 2
	11 23 16 10	10 5 17 22	8 6 10 13	20 25 14 29	11 10 11 20	19 5 32 32	22 34 24 24	32 3 21 18	12 19 8 14	33 30 28 15
Distance	12 18 18 18	8 10 9 14	20 18 9 26	12 17 7 21	20 8 5 18	22 17 24 14	28 19 10 21	20 26 20 17	15 16 11 26	3 10 8 13

6 7 8 9 10

Q. alba 80 yrs 140 BA @ 1'

STATION NO.	1	2	3	4	5	6	7	8	9	10
10000										
10001										
10002										
10003										
10004										
10005										
10006										
10007										
10008										
10009										
10010										
10011										
10012										
10013										
10014										
10015										
10016										
10017										
10018										
10019										
10020										
10021										
10022										
10023										
10024										
10025										
10026										
10027										
10028										
10029										
10030										
10031										
10032										
10033										
10034										
10035										
10036										
10037										
10038										
10039										
10040										
10041										
10042										
10043										
10044										
10045										
10046										
10047										
10048										
10049										
10050										

1522

POINT RECORD TREES

SOUTHERN HARDWOODS

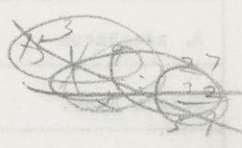
Stand No. 24

STATION NO.	31	2	3	4	5	6	7	8	9	40	
Acer rubrum											
A. saccharum											
Betula papy.											
Carpinus car											
Carya cord											
C. ovata		1					80	1			
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am											
F. nigra											
Juglans cin.											
J. nigra											
Ostrya virg											
Populus gran											
P. tremul											
Prunus serot	3		2	3	160	1	4	3	3	4	
Quercus alba	55 35 35	50 23	95 110	55 95 40 110	150 130	1 26	50	65	40 150	160 55 70	65 45
Q. ellipsoid								85	155		
Q. macrocarpa											
Q. rubra	120					240	260				
Q. velutina		120	110			165 110	165		45	65	
Tilia amer											
Ulmus amer			1	2							
Ulmus fulva		1 25	1								
<i>Acer neg.</i>											
	9 13 11 22	9 29 7 30	3 12 21 26	5 16 16 23	21 14 22 29	5 7 3 11	7 7 10 12	6 8 14 9	6 15 11 32	6 10 7 24	
Distance	7 21 8 22	9 18 9 25	10 8 12 25	14 21 15 22	12 13 13 13	11 16 13 27	10 22 13 30	13 17 22 10	10 22 22 24	17 11 10 16	
	17			18		19		20			

110

Light 6800 - 5400 FC

400	160
360	150
220	400
230	220
180	<u>260</u>



Soil A₀ $\frac{1}{8}$ " Silt loam

A₁ 3" - 3½"

Temp Soil 16-17°

Air 15°

The year of the report appears on the report

POINT RECORD TREES

SOUTHERN HARDWOODS

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										
13-23 61.9 56.1 177 Quercus alba 6322	B-2 B-2	B-2 A-4			A-4 C-2		B-4 A-4 C-4	A-2 B-3		
Q. ellipsoid	B-4	A-4								
1-2 7-16 4.8 4.9 14.6 Q. rubra 81.8										
32.3 39 108.4 Q. velutina 271	B-3 C-4						B-4 R-4	B-5	B-4 C-2	
Tilia amer										
Ulmus amer										
Ulmus fulva										
Canopy	70	75	70	70	75	75	60	80	65	45
Distance	18 25 56 12	42 65 30 52	100 100 55 20	75 100 100 100	47 100 65 100	38 24 100 100	60 65 65 53	42 40 23 100		

ave.
68.5
61.4

CI = 827.4

12/AC

Stand No.

SOUTHERN HARDWOODS

POINT RECORD TREES

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papyr.										
Carpinus ocl.										
Carya cord.										
C. ovata										
Celtis occ.										
Coccoloba sp.										
Fagus grand.										
Fraxinus am.										
F. nigra										
Liquidam. ocl.										
L. nigra										
Malva viltg.										
Populus gran.										
R. frond.										
Rhus copal.										
S. glabra										
Quercus alba										
Q. alifolia										
Q. macrocarpa										
Q. lyrata										
Q. velutina										
Vitis acer.										
Vitis acer.										
Vitis lutea										
Dist. sp.										

This must have been grazed in time past.
 Probably cut then too & thinned out. Or open, stumps
 rotted away. ∴ can't find any now.
 So was cut in past & now cut a few recently.

Tree	No. :		No. Pts. :	No. :		F. % :		D. % :		F. % :		D. % :		Dom. % :	I. I. :	C. I. :	TREE :	STEM :
	Pts. :	Tr. :		Sap. :	Sap. :	Sap. :	Sap. :	Seed :	Seed :	Tr. :	Tr. :	Trees :	Trees :					
Acerrubrum																		
A. saccharum																		
Carya cord.																		
C. ovata	4	4	378	6	6	6.3	3.7	15	67.5	5.3	2.5	2.6	10.4	46.8	94.5	75.6		
Celtis occiden.																		
Fagus grand.																		
Fraxinus amer.																		
F. lanceolata																		
F. pennsylvani																		
Juglans cinere																		
J. nigra	1	2	48	1	1	1.1	.6	2.5	15.7	1.3	1.2	.3	2.8	17.6		24		
Ostrya virgin.																		
Populus grand.																		
P. tremuloides																		
Prunus serotin	5	5	465	38	88	40	55	142.5	513	6.6	3.1	3.3	13	46.8		93		
Quercus alba	40	118	9346	2	2	2.1	1.2	4.9	17.6	52.6	73.7	65.3	191.6	689.8		79.2		
Q. ellipsoidalis																		
Q. macrocarpa																		
Q. rubra	8	9	1570	1	1	1.1	.6	2.5	14	10.5	5.6	11	27.1	157.8		174.9		
Q. velutina	16	20	2461	4	4	4.2	2.5	10	25	21.1	12.5	17.2	50.8	127		123		
Tilia american				1	1	1.1	.6	2.5	18.2									
Ulmus american				9	11	9.5	6.9	24.6	113.2									
U. rubra	2	2	38	24	35	25.3	21.9	70.8	580.6	2.6	1.2	.3	4.1	33.6		19		
Over ripened				9	11	9.5	6.9	24.6	24.6									
	76	160	14,306	95	160	100.2	99.9	299.9	1389.4	100	99.8	100	299.8	1113.4				

Ave. Dist.
Btw'n Trees
15.6 ^{SAP} 16.9

Ave. BA
(Total
BA ÷ 80)
89.4 ^{STEM} 88.9

No. Trees
Per acre
179 ^{SAP} 152.5

Dom. per
acre
16,002.6

1.01 stems/tree

+ 276.0

36.2%

CI = 1113

1522

ACER
NEQUANDA

	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.	10	11																
Q. macrocarp.																		
Q. velut.	4	4	1	1	2		1	1	2	3	1	6	1	1				22 20
Prun. serot.	14	88	2	1								1			11			6 5
Querc. alba	2	2		8	11	16	10	25	14	12	7	7	6	2				133 118
Pop. grand.																		
Carya ovata	6	6				10		1	1	1								4 40 2
Querc. rubra	1	1			1		1	1		1	1			1	2	1		10 9
Juglans nig.	1	1	1		1													2 2
Frax. amer.																		
Acer rubrum																		
Tilia amer.	1	1																
Jug. cinerea																		
Ulmus amer.	10	11																
Celtis occ.																		
Ulm. rubra	33	35	1	1														2 2
Carya cord.																		
Ostrya virg.																		
Acer sacc.																		
	160																	1600 2
Sap CI =	1389																	
Av dist	15.6																	
Av BA	88.9																	
Trees/acre	179																	
Dom/acre	16,002																	
#/acre	152		32.4			62.7			49.3			28		5.6		1.1		179

Area 6 1522

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Actaea pachypoda	Eupatorium rugosum	Polygonatum canaliculatum
Adiantum pedatum	Festuca obtusa	Polygonatum pubescens
Agrimonia gryposepala 78	Fragaria virginiana	Potentilla simplex 12
Allium tricoccum	Galium aparine 2347	Prenanthes alba
Amphicarpa braceata 134512	G. circaezans	Pteridium aquilinum
Anemone quinquefolia	G. concinnum 15811	Pyrola elliptica
A. virginiana	G. lanceolatum	Ranunculus abortivus 12
Anemonella thalictroides	G. triflorum	R. recurvatus
Antennaria sp. 3	Geranium maculatum 8	R. septentrionalis
Aplectrum hiemale	Gerardia grandiflora	Rhus radicans 510
Apocynum androsaemifolium 7	Geum canadense	Ribes americanum
Aquilegia canadensis	Goodyera pubescens	R. cynosbati 2347910
Aralia nudicaulis	Habenaria bracteata	R. missouriense
A. racemosa	Hackelia virginica	Rosa sp. 24
Arenaria lateriflora	Hamamelis virginiana	Rubus allegheniensis 14810
Arisaema atrorubens	Helianthus strumosus 1512	R. occidentalis 5
Asarum canadense	Hepatica acutiloba	R. strigosus 5
Aster macrophyllus	Heuchera richardsonii	Sambucus canadensis 11
A. sagittifolius 12371112	Hydrastis canadensis	Sanguinaria canadensis
A. shortii	Hydrophyllum virginianum	Sanicula gregaria
Athyrium filix-femina 9	Hystrix patula	S. marilandica 7
Botrychium virginianum 6	Impatiens capensis	Smilacina racemosa
Brachyelytrum erectum	I. pallida	S. stellata
Campanula americana	Isopyrum biternatum	Smilax ecirrhata
Carex albursina	Lactuca biennis	S. herbacea
C. pensylvanica 1345811	Laportea canadensis	S. tamnoides
Caulophyllum thalictroides	Lathyrus ochroleucus	Solidago altissima
Celastrus scandens	Lonicera prolifera	S. flexicaulis
Circaea quadrisulcata 25891112	Lysimachia quadrifolia	S. ulmifolia
Claytonia virginiana	Maianthemum canadensis	Thalictrum dioicum
Cornus alternifolia	Menispermum canadensis	Tovara virginiana
C. femina 12367	Mitella diphylla	Trillium cernuum
C. rugosa	Monarda fistulosa	T. flexipes
Corylus americana 349	Orchis spectabilis	T. grandiflorum
Cryptotaenia canadensis 7	Oryzopsis racemosa	T. recurvatum
Cypripedium pubescens	Osmorhiza clayton.	Triosteum perfoliatum
Cystopteris fragilis	O. longistylis	Uvularia grandiflora
Dentaria laciniata	Osmunda claytoni	Veronicastrum virginicum
Desmodium glutinosum 124567891012	Panax quinquefolia	Viburnum acerifolium
D. nudiflorum	Panicum latifolium	V. rafinesquianum
Dicentra cucullaria	Parietaria pennsylvanica	Viola cucullata 9
Dodecatheon meadia	Parthenocissus inserta 123456789	V. pubescens
Dryopteris spinulosa	Phlox divaricata 101112	Vitis aestivalis
Erigeron pulchellus	Phryma leptostachya 13589101112	V. riparia 34712
Erythronium albidum	Podophyllum peltatum	Xanthoxylum americ.
Eupatorium purpureum	Polemonium reptans 249	Zizia aurea 1

Additional species:

- Quercus alba 10
- Prunus serot 347
- Poa pratensis 11
- Carya ovata 5
- Crataegus sp. 7
- Acer neg 6 11
- Prunus fulva 10 12

Actaea pachypoda
 Adiantum pedatum
 ✓ Agrimonia gryposepala 20
 ✓ Amelanchier spp. 5
 ✓ Amphicarpa bracteata 30
 Anemonella thalictroides
 ✓ Apocynum androsaemifolium 10
 Aralia nudicaulis
 A. racemosa
 Arenaria lateriflora
 ✓ Arisaema atrorubens
 Aster macrophyllus
 ✓ A. sagittifolius 30
 A. shortii
 ✓ Athyrium filix-femina 5
 ✓ Botrychium virginianum 5
 Brachyelytrum erectum
 Carex albursina
 ✓ C. convoluta 10
 ✓ C. pensylvanica 40
 Caulophyllum thalictroides
 ✓ Celastrus scandens 20
 ✓ Circaea quadrisulcata 50
 Cornus alternifolia
 ✓ C. femina 45
 C. rugosa
 ✓ Corylus americana 15
 ✓ Cryptotaenia canadensis 5
 ✓ Desmodium glutinosum 60
 ✓ D. nudiflorum
 Dioscorea villosa
 ✓ Eupatorium purpureum
 E. rugosum
 Festuca obtusa
 ✓ Fragaria virginiana 5

Additional species:

14
 52

 66

- Antennaria 5
 - Dodonaea meadia
 - Aster laterif. 5
 - Cirsium altiss 5
 - Achillea millefolium

✓ Galium aparine 20
 G. circaeazans
 ✓ G. concinnum 40
 G. lanceolatum
 G. triflorum
 ✓ Geranium maculatum 10
 ✓ Geum canadense
 Hackelia virginiana
 ✓ Helianthus strumosus 15
 Hepatica acutiloba
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens biflora
 ✓ Lactuca biennis
 Laportea canadensis
 ✓ Lathyrus ochroleucus
 ✓ Lonicera prolifera
 Lysimachia quadrifolia
 Monarda fistulosa
 ✓ Osmorhiza claytoni
 O. longistylis
 Oxalis violacea
 Panicum latifolium
 Parietaria pensylvanica
 ✓ Parthenocissus vitacea 100
 Phlox divaricata
 ✓ Phryma leptostachya 70
 ✓ Podophyllum peltatum
 ✓ Polemonium reptans 15
 Polygonatum canaliculatum
 P. pubescens
 Polygonum virginianum
 ✓ Potentilla simplex 15
 ✓ Prenanthes alba
 ✓ Prunus virginiana

- Poa pratensis 5
 - Leonurus cardiaca
 - Lycopodium liliifolia 5
 - Prunella vulgaris 5

✓ Pteridium aquilinum
 Pyrrola elliptica
 ✓ Ranunculus abortivus 5
 R. recurvatus
 R. septentrionalis
 ✓ Rhus radicans 30
 ✓ R. cynosbati 45
 R. missouriense
 ✓ Rosa sp. 10
 ✓ Rubus allegheniensis 35
 ✓ R. occidentalis 10
 ✓ R. strigosus 5
 ✓ Sambucus canadensis 5
 Sanguinaria canadensis
 Sanicula gregaria
 ✓ S. marilandica 5
 ✓ Smilacina racemosa 5
 S. stellata
 Smilax ecirrhata
 S. herbacea
 ✓ Solidago canadensis
 S. flexicaulis
 S. ulmifolia
 ✓ Thalictrum dioicum
 Triosteum perfoliatum
 Uvularia grandiflora
 ✓ Veronicastrum virginicum
 Viburnum acerifolium
 ✓ V. lentago
 V. rafinesquianum
 ✓ Viola cucullata 5
 V. pubescens
 Vitris aestivalis
 ✓ V. riparia 35
 Zanthoxylum americanum

- Rhus glabra
 - Viola eriocarpa
 - Senecio pauperculus
 - Urtica dioica
 - Zizia 5

- Acer negundo 10
 - Carya ovata 5
 - Crataegus 5
 - Prunus serot. 20
 - Quercus alba 5
 - Quercus velut 5

- Ulmus rubra 30

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 24
Quadrat No.

Actaea pachypoda
 Adiantum pedatum
 Agrimonia grypsosepala 16 18
 Allium tricoccum
 Amphicarpa braceata 16
 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 16 18
 Caulophyllum thalictroides
 Celastrus scandens 13 16 17 20
 Circaea quadrisulcata 15 17 19 20
 Claytonia virginiana
 Cornus alternifolia
 C. femina 13 14 18 19
 C. rugosa
 Corylus americana
 Cryptotaenia canadensis
 Cypripedium pubescens
 Cystopteris fragilis
 Dentaria laciniata
 Desmodium glutinosum 18 19
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum
 Eupatorium purpureum

Eupatorium rugosum
 Festuca obtusa
 Fragaria virginiana 18
 Galium aparine
 G. circaeazans
 G. concinnum 16 17 18 19
 G. lanceolatum
 G. triflorum
 Geranium maculatum 15
 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.
 O. longistylis
 Osmunda claytoni
 Panax quinquefolia
 Panicum latifolium
 Parietaria pennsylvanica
 Parthenocissus inserta 13 14 15 16 17
 Phlox divaricata 18 19 20
 Phryma leptostachya 14 15 16 17 18 20
 Podophyllum peltatum
 Polemonium reptans

Polygonatum canaliculatum
 Polygonatum pubescens
 Potentilla simplex 16
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 R. recurvatus
 R. septentrionalis
 Rhus radicans 14 15 17 18
 Ribes americanum
 R. cynosbati 14 15 20
 R. missouriense
 Rosa sp.
 Rubus allegheniensis 16 17 18
 R. occidentalis 17
 R. strigosus
 Sambucus canadensis
 Sanguinaria canadensis
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa 15
 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 15 18 20
 Xanthoxylum americ.
 Zizia aurea

Additional species: - Querc. velut. 18

- Ulmus fulva 16 17 19 20 - Prunus serotina 18

- Androsace 17

- Aster laterif. 3 - Prunella vulgaris 3
 - Carex complanata 11, 13
 - Cirsium altiss. 3
 - Liparis liliifolia 18

202

1522

CI = 1113

SAP - 1389 + 1

H - 247 S

750

550

350

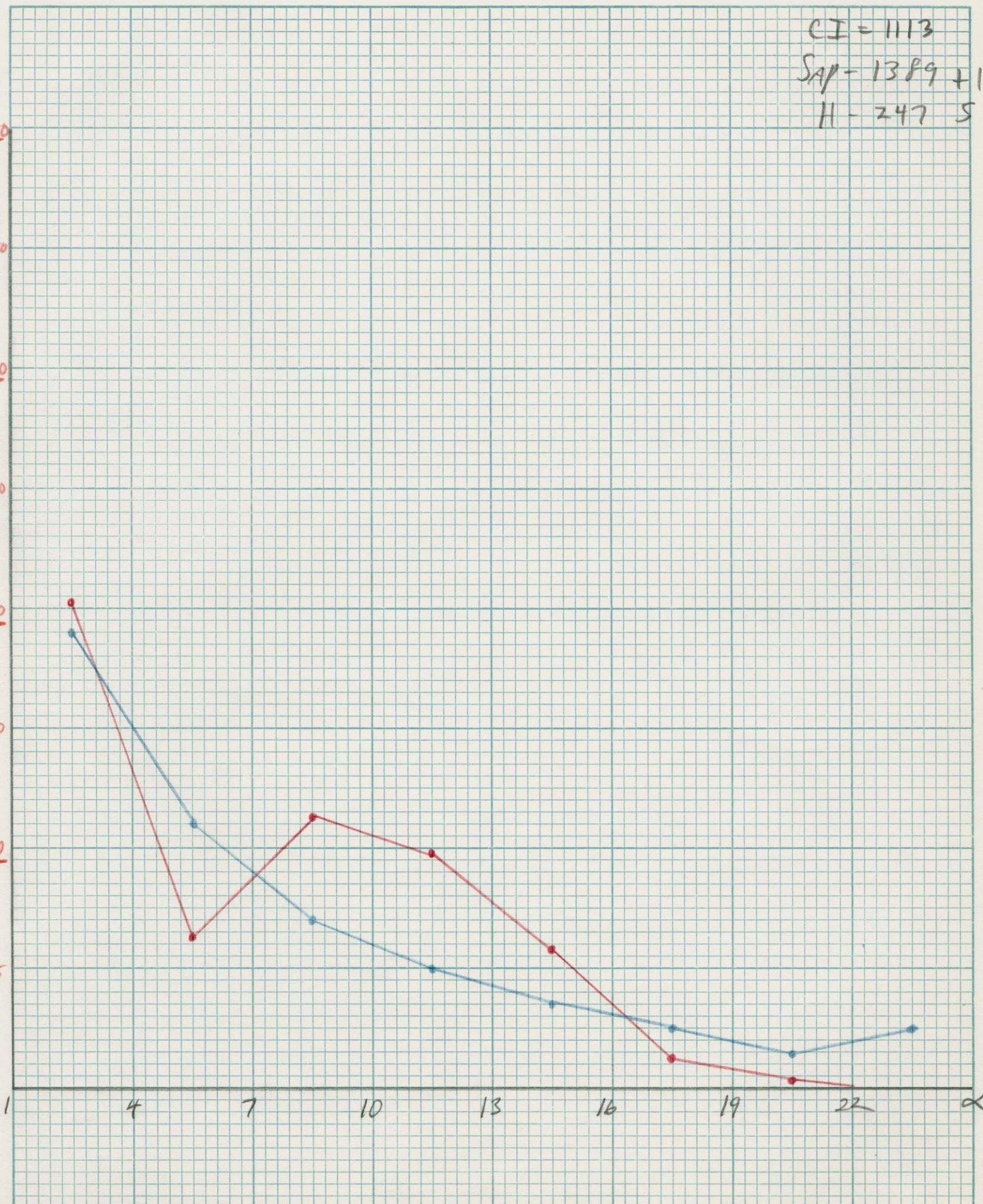
250

150

100

50

25



1 4 7 10 13 16 19 22 x