LIBRARIES
UNIVERSITY OF WISCONSIN–MADISON

Site 1560: Dodge County, Township 9N, Range 13E, Section 11, SE 1/4.

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

https://digital.library.wisc.edu/1711.dl/EGMIXLWLGF3CY8X

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.

728 State Street | Madison, Wisconsin 53706 | library.wisc.edu

1560 Stand # fcl Stand # 1560

1678	Stand Characters Tree CI	Soils W.R.C.	72.4
2060	Sap CI	pH	5.8
+382	CI difference	lbs/acre Ca Mg	
		P K	20 240
		NO_3 NH_3	2 20
380	4 Saps/acre		
308 (688)	4 Trees/acre	Soil profile	A_0 ½ A_1 2
56	3 Ave. B.A. stem		
57	Ave BA tree	Slope	0° Ridgecrest 2 sides 20 of 50 ? acres
17625	Dom./acre	Stmp CI	1257
694	Stms+saps	Cutting Stumps/acre 4	101
314	Stms/acre	Spp. cut	QA 65 Qr 23
1.02	2 Stems/tree		
2	% mult.	Ave. size cut	B.1
68.7	Canopy %	Ave. Time since cut	1.8

Data Form No. 24 | Plant Ecology Research | Univ. of Wisconsin Stumps

POINT RECORD TREES | SOUTHERN HARDWOODS | Stand No. 1560

STATION NO.	1	2	3	4	5	6	7	8	9	10
2 - 5 Acer rubrum (7.5 4.2 11.6 81.2)			B-5 Sp	C-2 25p + 5d						
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					C-2 A-2					C-2
37 - 69 Quercus alba (64.8 58 184.2 663.7)	A-4 B-4 A-3 B-3	A-4 B-3	A-4	A-3 A-3 C-3 B-2 5d	C-3 A-3 A-2 5d A-3	B-4 B-4 A-3	B-2 B-2 A-3 C-3	B-2 5d B-2 5d B-3 C-3	B-2 A-4 C-3 A-4	C-2 B-2 C-3 B-3
Q. ellipsoid										
Q. macrocarpa										
Q. rubra (22.8 30.2 79.5 325.9)										C-2 5d B-2 5d
13 - 36 Q. velutina		C-2 B-5	B-5 C-2 C-2	C-2 C-2		C-3 5d			C-2	C-2 C-2
3 - 6 Tilia amer (5.3 5 15.5 113.2)		B4 T 13" + 25p							C-2 95p	A-3 5d
Ulmus amer										
2 - 3 Ulmus fulva (3.5 2.5 9 73.8)										B-3 A-1 5d
Distance	29 12 6 45	12 15 31 38	12 17 42 23	12 29 30 28	11 9 20 41	12 12 14 26	14 20 20 20	7 26 27 24	11 23 22 30	12 21 18 12

ave 20.8'

CI 1257.2

101/ac.

Data Form No. 24 | Plant Ecology Research | Univ. of Wisconsin

POINT RECORD TREES — SOUTHERN HARDWOODS — Stand No. 1560

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum			60 153				25	87 83		
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					1			2	25 16	
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	77 137	101 50	53	98		97 38	103 131	72 68	75 63	76 110
Q. ellipsoid									150	
Q. macrocarpa										
Q. rubra					236 161	78				
Q. velutina										
Tilia amer	13 5	19 3	15 27 2	19 79 3	21	47 3		2	2	1 4
Ulmus amer	1				121		18 1		1	
Ulmus fulva	19	15	1	16	2	1		1	2	20
	4 9 6 10	5 5 10 23	25 14 17 24	10 8 5 15	3 5 4 10	4 6 5 9	13 15 14 22	9 8 9 21	11 11 10 16	3 6 3 10
Distance	2 11 10 15	3 4 7 13	2 11 7 13	2 9 14 14	20 12 12 23	9 8 14 13	8 14 12 15	11 11 6 16	16 9 7 19	15 13 10 19

Canopy Strip: 85 80 (14, 20) 75 60 75 (26, 6) 75 (22 7 17 21)

Q rub 64 no spit
Q alba 82 " "

Light selec cut, mostly wht oak,
Cut many small one, post size
(mostly)

Data Form No. 24 | Plant Ecology Research | Univ. of Wisconsin

POINT RECORD TREES | SOUTHERN HARDWOODS | Stand No. 1560

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum			41	25 1		36			32 42 1	
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord								29		
C. ovata	20				19					
Celtis occ										
Crataegus sp.		1								
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	1						1	12	13 1	2
Populus gran										
P. tremul										
Prunus serot		1	17		2		1	1		
Quercus alba	[11]		84	47 65 [2]	122 72	117 [12]	90 121 146	72 108	81 [14]	89 [12]
Q. ellipsoid										
Q. macrocarpa										
Q. rubra		12 30	[1] [15]	[25]		15				18 2 [11]
Q. velutina										
Tilia amer	15 2	12 2	31 2	23 2	12 2	2	1	1	1	(18 57) 1 45
Ulmus amer	1		1	1		1	20 1		1	1
Ulmus fulva	14 16	18	1	1		19 1		2		
	8 13 12 15	7 17 8 10	6 10 7 11	9 12 13 9	13 7 14 8	11 10 11 14	3 7 8 7	3 11 18 11	2 6 4 14	12 15 12 24
Distance	5 9 9 15	2 18 9 21	14 8 7 19	5 18 10 19	7 8 8 17	11 13 11 16	11 13 8 18	6 10 12 23	15 13 13 18	9 10 19 20
	60 30	65	30 17	70 2,8,15,25	80	5 15	50	50	9 17 25 12	65 14 32 21

Quercus 98 One shot (½" diam, 7' ht)

Data Form No. 24 | Plant Ecology Research | Univ. of Wisconsin

POINT RECORD TREES — SOUTHERN HARDWOODS — Stand No. 1560

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum	1		1			71		15 1		66
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord								1	1	
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	12 2				18 1					
Populus gran						75				
P. tremul										
Prunus serot		1		14		15		1		2
Quercus alba	2	101 152 2	94 3	128 132	110 84		93		4	4
Q. ellipsoid										
Q. macrocarpa										
Q. rubra	2									
Q. velutina										
Tilia amer	13 63 28 1	1	12 3	3	17 2	41 4	21 2	18 32 1	25 2	13 2
Ulmus amer		18 19 1	13				64 38 2		75	
Ulmus fulva		1	30	26 1	1			46	42 41 1	46 36
Canopy	90		50	70		90	55		80	50
Sap	6 10 10 7	9 13 10 15	6 8 9 10	3 7 7 22	2 19 17 21	13 24 13 26	6 10 10 18	3 14 11 16	8 14 7 11	5 9 3 11
Distance	14 14 3 9	15 17 16 10	4 9 7 16	7 13 11 20	11 6 9 13	7 12 10 16	13 7 13 8	15 8 17 8	11 10 16 18	14 21 27 13
Stump	5 25 21 28	3 22	4 12 5	25			32		20 12 19 24	21 17 5 8

~~To find stump dist~~

~~Assume dist were same 84 cut as now.~~

~~Add up 160 tree dist 160~~

~~Subtract total stump dist~~

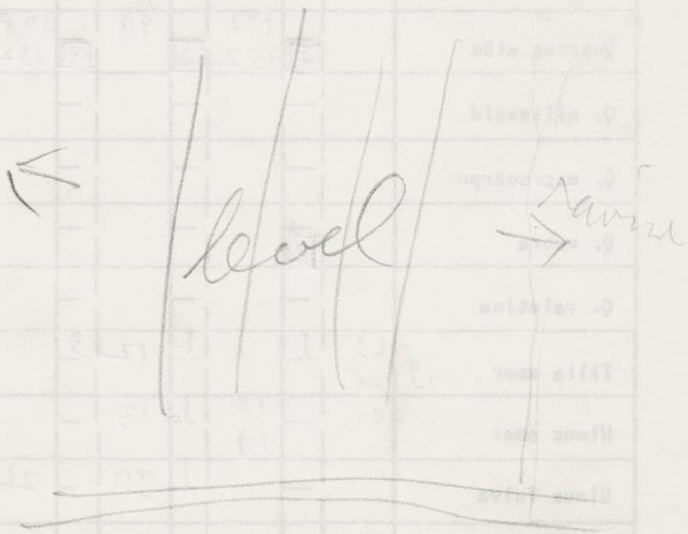
~~4 -40~~

~~(Work with it.)~~

Light selec cut (heavy in couple spots)
those in Q alb.

A0 $\frac{1}{2}$"

A1 1-2-3" = 2"



Q alb 84, 72 no std

1560

CI = 1678

19.29.

		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		
CRATAEG	Pop. trem.	1																		
	Quercus ellip.																			
	Q. macrocarp.																			
	Q. velut.																			
	Prun. serot.	9	3																8	3
	Querc. alba				2	2	2	7	8	8	6	4							99	39
	Pop. grand.							1											3	1
	Carya ovata		1	1															5	2
	Querc. rubra		2		1			1					1	1	1				18	7
	Juglans nig.																			
	Frax. amer.																			
	Acer rubrum	9	1	2	2	2		2	2			1 (1)							31	12 (1) 2
	Tilia amer.	60	12	6	2	4	2 (1)												66	26 (1) 2
	Jug. cinerea																			
	Ulmus amer.	12	4	1	1			2			1								23	9
	Celtis occ.																			
	Ulm. rubra	16	7	2	2	4													39	15
	Carya cord.	2			1														3	1
	Ostrya virg.	11	4	1 (1)															13	5 (1) 2
	Acer sacc.																			
		120																		120 (3) 6
	Sap CI =	2060																		
	#/acre	380	149.1				74.6			64.2			18		2.6					308

Av BA 1560

Tree	No. Pts.	No. Tr.	Dom.	No. Pts. Sap.	No. Sap.	F.% Sap.	D.% Sap.	II Seed	CI F.% Seed	F.% Tr.	D.% Tr.	Dom.% Trees	I.I.	C.I.	TR	ST
Acerrubrum	10	12	(13) 736	9	9	11.2	7.5	28.0	196.0	11.4	10.0	10.7	32.1	224.7	61.3	56.6
A. saccharum																
Carya cord.	1	1	29	2	2	2.5	1.7	6.3	54.2	1.1	.8	.4	2.3	19.8	29	
C. ovata	2	2	39							2.3	1.7	.6	4.6	20.7	19.5	
Celtis occiden.																
CRATAEGUS Fagus grand.				1	1	1.8	.8	3.9	39							
Fraxinus amer.																
F. lanceolata																
F. pennsylvani																
Juglans cinere																
J. nigra																
Ostrya virgin.	5	5	(1) 96	8	11	10.0	9.2	28.8	250.6	5.7	4.2	1.4	11.3	98.3	19.5	16
Populus grand.	1	1	75							1.1	.8	1.1	3.0	12.9	75	
P. tremuloides																
Prunus serotin	3	3	46	7	9	8.7	7.5	24.3	87.5	3.4	2.5	.7	6.6	23.8	15.3	
Quercus alba	22	39	3652							25.0	32.5	53.1	110.6	398.2	93.6	
Q. ellipsoidalis																
Q. macrocarpa																
Q. rubra	5	7	714							5.7	5.8	10.4	21.9	122.6	102	
Q. velutina																
Tilia american	20	26	(27) 696	29	60	36.2	50.0	129.1	942.4	22.7	21.7	10.1	54.5	397.8	26.8	25.8
Ulmus american	7	9	386	11	12	13.7	10.0	35.5	163.3	8.0	7.5	5.6	21.1	97.1	42.9	
U. rubra	12	15	404	13	16	16.2	13.3	44.2	362.4	13.6	12.5	5.9	32.0	262.4	26.9	
	88	120	(123) 6873	80	120	90.3	100.0	300.1	2060.3	100.0	100.0	100.0	300.0	1678.3		

Ave. Dist. Btw'n Trees Sap 11.9 Stem 10.7

Ave. BA (Total BA ÷ 80) Stem 57.3 Sap 55.9

No. Trees Per acre Stem 307.6 Sap 380.5

Dom. per acre 17,625.5

1.02 stems/tree

Canopy 68.7%

+382

Dodge Co.

Data Form No. 40 | Plant Ecology Research | Univ. of Wisconsin

9N 13E SE 11

Presence or Frequency
(Common species only)

Stand No. 1560

SOUTHERN UPLAND HARDWOODS

Quadrat No.

Actaea pachypoda
Adiantum pedatum
Agrimonia grypsosepala 7
Allium tricoccum
Amphicarpa braceata 7 9 10 19 20
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
✓Apocynum androsaemifolium 10
Aquilegia canadensis
Aralia nudicaulis 2 6 11 15 16 17 20
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
A. sagittifolius 7 9
A. shortii
✓Athyrium filix-femina
✓Botrychium virginianum 7 8 13 14
Brachyelytrum erectum (15), 18
Campanula americana
Carex albursina 4 5 9 19
C. pensylvanica
✓Caulophyllum thalictroides
Celastrus scandens 5 8 9 10 13 14 20
Circaea quadrisulcata 1 2 6 7 8 10 12 13 15
Claytonia virginiana
✓Cornus alternifolia
✓C. femina 4 7 8 9 12
C. rugosa
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
✓Desmodium glutinosum 8 9 10 11 12 13
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
✓Eupatorium purpureum 9
Eupatorium rugosum
Festuca obtusa
✓Fragaria virginiana
Galium aparine (14)
G. circaezans
G. concinnum 3 4 5 6 7 8 9 12 13 15 19 20
G. lanceolatum
G. triflorum
Geranium maculatum 6 9 11 14 15 18
Gerardia grandiflora
✓Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
✓Helianthus strumosus 5 9 20
Hepatica acutiloba
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
✓Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis (19)
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera 1 2 3 4 5 6 7 11
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
✓Osmorhiza clayton. 5 8 14 19 20
O. longistylis
✓Osmunda claytoni
✓Panax quinquefolia
Panicum latifolium 9
Parietaria pennsylvanica
Parthenocissus inserta 2 3 4 5 6 11 12 13 18 19 20
Phlox divaricata
✓Phryma leptostachya 8 9 14 17 18
Podophyllum peltatum
Polemonium reptans
Polygonatum canaliculatum 5
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus (18)
R. recurvatus
R. septentrionalis
Rhus radicans 3 4 5 6 10 15
Ribes americanum
R. cynosbati 2 (16) 20
R. missouriense
Rosa sp.
✓Rubus allegheniensis (15)
✓R. occidentalis
✓R. strigosus (15)
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 5 7 9 13 18
S. marilandica 4
✓Smilacina racemosa 6 9 12 18 20
S. stellata
Smilax ecirrhata
✓S. herbacea (13)
S. tamnoides 7 18
Solidago altissima
S. flexicaulis
S. ulmifolia
✓Thalictrum dioicum 8
Tovara virginiana
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
✓Triosteum perfoliatum
✓Uvularia grandiflora 8 13 14 18
Veronicastrum virginicum
Viburnum acerifolium
✓V. rafinesquianum
Viola cucullata 4 9
V. pubescens
✓Vitis aestivalis (14)
V. riparia (14)
✓Xanthoxylum americ. (14)
Zizia aurea

Additional species:

Ulmus 1 2 4 5 6 7 9 12 14 18
Acer sub 1 6 9 12 15 16 17 20
Prun sero 4 5 8 13 15 16 17 18 20
P. vir 4 5 13 14 15 18
Ostrya 6 7 13 14 17 19
Q. alba 6 7 16 17
Carya ovat 6 13 14
Tilia 10
Q. rub (16) 18
Pop grand (17)
Verbascum thapsus (13)
Muehlenbergia schreberi (12) 18
✓Lathyrus venosus
Viola eriocarpa 7 17
✓Poa comp
Pilea 9 12
Dioscorea 11
Rhus glabra (13)

SOUTHERN UPLAND HARDWOODS PRESENCE 1560

Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala 5
Amelanchier spp.
Amphicarpa bracteata 25
Anemonella thalictroides
Apocynum androsaemifolium 5
Aralia nudicaulis 35
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Aster macrophyllus
A. sagittifolius 10
A. shortii
Athyrium filix-femina
Botrychium virginianum 20
Brachyelytrum erectum 10
Carex albursina
C. convoluta 20
C. pensylvanica
Caulophyllum thalictroides
Celastrus scandens 35
Circaea quadrisulcata 45
Cornus alternifolia
C. femina 25
C. rugosa
Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum 30
D. nudiflorum
Dioscorea villosa 5
Eupatorium purpureum 5
E. rugosum
Festuca obtusa
Fragaria virginiana

Galium aparine 5
G. circaezans
G. concinnum 60
G. lanceolatum
G. triflorum
Geranium maculatum 30
Geum canadense
Hackelia virginiana
Helianthus strumosus 15
Hepatica acutiloba
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca biennis 5
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera 40
Lysimachia quadrifolia
Monarda fistulosa
Osmorhiza claytoni 25
O. longistylis
Oxalis violacea
Panicum latifolium 5
Parietaria pensylvanica
Parthenocissus vitacea 55
Phlox divaricata
Phryma leptostachya 25
Podophyllum peltatum
Polemonium reptans
Polygonatum canaliculatum 5
P. pubescens
Polygonum virginianum
Potentilla simplex
Prenanthes alba
Prunus virginiana 30

Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 5
R. recurvatus
R. septentrionalis
Rhus radicans 30
R. cynosbati 15
R. missouriense
Rosa sp.
Rubus allegheniensis 5
R. occidentalis
R. strigosus 5
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 25
S. marilandica 5
Smilacina racemosa 25
S. stellata
Smilax ecirrhata
S. herbacea 5
Solidago canadensis
S. flexicaulis
S. ulmifolia
Thalictrum dioicum 5
Triosteum perfoliatum
Uvularia grandiflora 20
Veronicastrum virginicum
Viburnum acerifolium
V. lentago
V. rafinesquianum
Viola cucullata 10
V. pubescens
Vitris aestivalis 5
V. riparia 5
Zanthoxylum americanum 5

13
58
71

Additional species:

Crataegus
Acer rubrum 40
-Aster latif.
-Ordispia exaltata
-Carya ovata 15
-Ostrya 30
-Pop grand. 5
-Prun. serot. 45
-Q. alba 20
-Q. rub 10

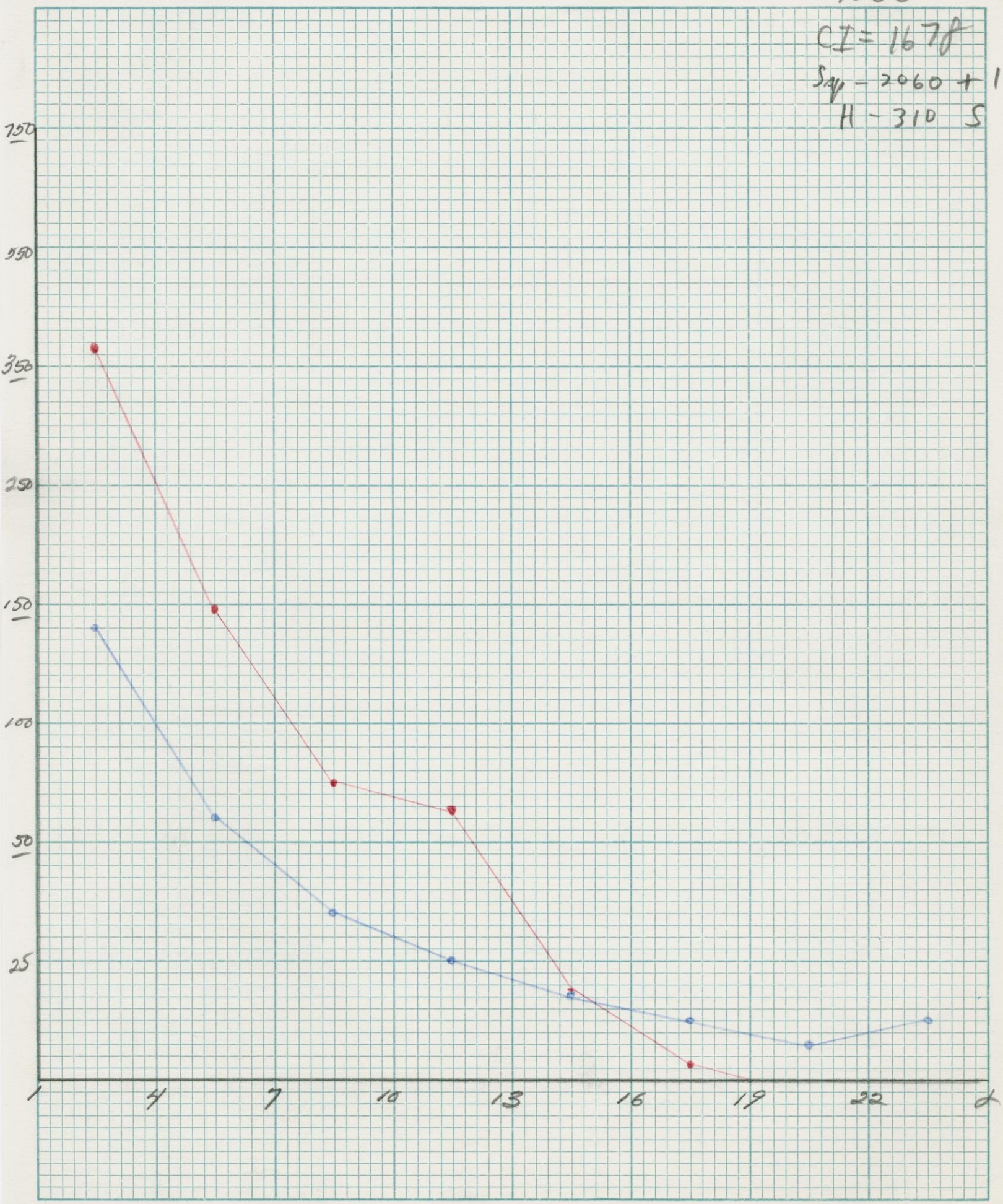
-Osmunda clayton.
-Panic quing.
-Poa comp
-Pilea pumila 10
-Lathyrus venosus
-Muhlenbergia schreb. 10

-Tilia 5
-Ulmus 50

-Viola eriocarpa 10
-Trillium gleasoni
-Sanicula trifoliata 10
-Rhus glabra 5
-Verbascum thapsus 5

1560

CI = 1678

Sq - 2060 + 1

H - 310 S