



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1834.

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

<https://digital.library.wisc.edu/1711.dl/VZPQ7I5VJRCXD8K>

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.

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1834

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>	180	160	180	210		100 120 160	170 85 160	180		160 168
<i>Betula papy.</i>						160	75			
<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>		1							155 174	1
<i>F. nigra</i>									277	
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>	35	2	80	2	30	2	18	3	40	2
			35		18		25		35	
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>										
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>	180 260									
<i>Q. velutina</i>										
<i>Tilia amer</i>								320 240		330
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>		320		1	160	1	220	2	1	2
									110 50	
	60, 80	40, 25 30	40, 25 11, 9	20, 40 40, 30	30, 25 40, 60	35, 60 40, 80	80, 85 40, 80	5, 10 25, 35	5, 25 30, 50	39, 25 80, 40
Distance	8, 20 15, 19	2, 15 42, 60	18, 12 17, 9	13, 23 27, 10	8, 9 33, 15	12, 14 22, 24	13, 18 21, 31	24, 31 8, 18	30, 20 7, 30	43, 14 32, 22
	90	80	90	85	95	90	55	80	100	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1834

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	440 190 300	240	600	820			200	600	210	
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ	27	23								
Crataegus sp.	65									
Fagus grand										
Fraxinus am			340	95	2					320
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	3		35 50	30	14 18 25	3	20 25 40 150	75 40 20	4 13 4	70 75 4
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra					710					
Q. velutina										
Tilia amer								210		
Ulmus amer										
Ulmus fulva		15 25	4	50	2	1	170	140	340	90 210 700
	15, 16 40	5, 15 6, 6	50, 20 10, 10	3, 45 10, 12	30, 25 40, 30	2, 8 40, 50	20, 18 30, 48	20, 18 30, 48	25, 45 70, 50	9, 40 30, 40
Distance	20, 30 21, 39	9, 23 7, 20	32, 34 9, 13	50, 15 18, 24	9, 16 5, 13	3, 2 18, 8	23, 13 15, 14	16, 15 26, 20	24, 8 24, 27	20, 9 13, 2
	60	95	75	45	95	85	80	80	90	90

842

8

1734

Tree	No. : Pts.	No. : Tr.	No. : Dom.	No. : Sap.	No. : Sap.	No. : Sap.	No. : Sap.	No. : Seed	No. : Seed	No. : Tr.	No. : Tr.	No. : Trees	No. : I.I.	No. : C.I.		CI: 2548.9
Acerrubrum																
A. saccharum	15	25	6360	3	4		6			30.6	31.2	41.4	1034	1034		
Carya cord.																
C. ovata																
Celtis occiden.	1	1	23							2.0	1.2	0.1	4.2	33.6		
Fagus grand.																
Fraxinus amer.	4	4	3545	4	4		6			8.2	5.0	23.2	36.4	243.9		
F. lanceolata																
F. pennsylvani																
Juglans cinere																
J. nigra																
Ostrya virgin.	14	29	1168	17	44		61			28.6	36.2	7.6	72.4	629.9		
Populus grand.																
P. tremuloides																
Prunus serotin																
Quercus alba																
Q. ellipsoidalis																
Q. macrocarpa																
Q. rubra	2	3	1150							4.1	3.7	7.5	15.3	85.7		
Q. velutina																
Tilia american	3	4	1106							6.1	5.0	7.2	18.3	133.4		
Ulmus american																
U. rubra	9	13	1820	11	18		25			18.4	16.2	12.3	46.9	384.6		
Crataegus	1	1	65	2	2		3			2.0	1.2	0.4	3.6	3.6		
	49	80	15291				72							2548.9		

Ave. Dist.
Btw'n Trees
18.7
349.7

Ave. BA
(Total
BA ÷ 80)
191

No. Trees
Per acre
124.6

Dom. per
acre
23684

ave
cover
73.7%

sap.
33.7
1135.9
3800/acre

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1834

Ambrosia artemisiifolia
A. trifida
Anemone cylindrica
Arabis canadensis
Arctium minus
Bidens sp. 139
Cerastium vulgatum
Chenopodium hybridum 18, 10
✓Cirsium arvense
C. discolor
Cornus stolonifera
Dioscorea villosa
Alnus canadensis
Leonurus cardiaca
Lithospermum latifolium
Medicago lupulina
Miliun effusum
Muhlenbergia schreberi 89, 10
Oxalis stricta 9, 10
Panicum leibergii

Physalis heterophylla
Pilea pumila 45678910
Plantago sp. 910
Plantago lanceolata
Poa compressa
P. pratense
Polygonum convolvulus
P. hydropiper 9
Prunella vulgaris
Rudbeckia hirta
Rumex acetosella 4
Scrophularia marilandica
Senecio pauperculus
Setaria glauca
Solanum nigrum
Solidago latifolia
S. caesia
Stellaria media
Taraxacum officinale 7
Trifolium hybridum 9
T. pratense.

A - small 1 - 10
Erig. phil. 10
Cachilla multif.

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

Adiantum pedatum
Arisaema gryscsepala
Amphicarpa braceata
Anemone quinquefolia
Anemonella thalictroides
Antennaria sp.
Aquilegia canadensis
Arisaema atrorubens
Aster sagittifolius
A. shortii
Athyrium filix-femina
Botrychium virginianum
Campanula americana
Carex albursina
C. pennsylvanica 3 8 10
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrifidata 7 8 10
Cornus rugosa
Corylus americana
Cryptotaenia canadensis 2 3 4 7 9 10
Desmodium glutinosum
Dodecatheon meadia
Erigeron pulchellus
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine
G. concinnum
G. triflorum
Geranium maculatum
Geum canadense
Hackelia virginica
Helianthus strumosus
Heuchera richardsonii
Hydrophyllum virginianum
Impatiens pensilvanica
I. pallida 7
Isopyrum biternatum
Lactuca biennis
Laportea canadensis 5 6 7
Monarda fistulosa
Osmorhiza clayton.

Osmorhiza longistylis
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica 10
Parthenocissus inserta
Phytolacca leptostachya 1 3 5
Podophyllum peltatum
Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Ranunculus abortivus
R. recurvatus
Rhus radicans
Ribes sp. 4 7
Rosa so.
Rubus allegheniensis
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis 6
Sanicula gregaria 4
S. marilandica
Smilacina racemosa
S. stellata
Smilax acirrhata
S. herbacea
S. tamnoides
Solidago flexicaulis
S. ulmifolia
Thalictrum dioicum
Toxaria virginiana
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
Viola cucullata 1 2 3 4 6 8 10
V. pubescens
Vitis aestivalis
Xanthoxylum americ.
Zizia aurea

Viburnum lentago 4

Verbena stricta

U. fulva 9

acer 1 2 3 4 5 6 7 9 10

Ostrya 3 5

P. serotina 3 8

Tulipian glauc. 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1834

Ambrosia artemisiifolia

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 2

Bidens sp. 1

Cerastium vulgatum

Chenopodium hybridum 12

Cirsium arvense

C. discolor

Cornus stolonifera

Dioscorea villosa

Alnus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 5

Oxalis stricta 2

Panicum leibergii

Physalis heterophylla

Pilea pumila 2345789 10

Plantago sp. 129

Plantago lanceolata

Poa compressa

P. pratense

Polygonum convolvulus

P. hydropiper 2

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 2

Trifolium hybridum 12

T. pratense.

A - 1

Erig. phil. 2

✓ Gleason

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

- | | |
|------------------------------------|--------------------------------|
| Adiantum pedatum | Osmorhiza longistylis |
| Arisaema grypsocarpala | Panax quinquefolia |
| Amphicarpa bracteata | Panicum latifolium |
| Anemone quinquefolia + | Parietaria pennsylvanica 3 9 |
| Anemonella thalictroides | Parthenocissus inserta 9 |
| Antennaria sp. | Phytolacca leptostachya |
| Aquilegia canadensis | Podophyllum peltatum |
| ✓ Arisaema atrorubens | ✓ Polygonatum canaliculatum |
| Aster sagittifolius | Polygonatum pubescens |
| A. shortii 2 | Potentilla simplex |
| ✓ Athyrium filix-femina | Prenanthes alba |
| Botrychium virginianum | Ranunculus abortivus |
| Campanula americana | R. recurvatus |
| Carex albursina | Rhus radicans |
| C. pennsylvanica 1 2 4 | Ribes sp. 2 |
| Caulophyllum thalictroides | Rosa sp. |
| ✓ Celastrus scandens | Rubus allegheniensis |
| Circaea quadrisulcata 3 4 7 8 | R. occidentalis |
| Cornus rugosa | R. strigosus |
| Corylus americana | Sambucus canadensis |
| Cryptotaenia canadensis 2 3 4 8 10 | Sanguinaria canadensis 8 |
| ✓ Desmodium glutinosum | Sanicula gregaria 8 10 |
| Dodecatheon meadia | S. marilandica |
| Erigeron pulchellus | Smilacina racemosa |
| Eupatorium purpureum | S. stellata |
| Eupatorium rugosum | ✓ Smilax acutirrhata |
| Festuca obtusa | S. herbacea |
| Fragaria virginiana | S. tamnoides |
| Galium aparine | Solidago flexicaulis |
| ✓ G. concinnum | S. ulmifolia |
| ✓ G. triflorum | Thalictrum dioicum |
| Geranium maculatum | Tovara virginiana |
| Geum canadense | Triosteum perfoliatum |
| ✓ Hackelia virginica | Uvularia grandiflora |
| Helianthus strumosus | Veronicastrum virginicum |
| Heuchera richardsonii | Viburnum acerifolium |
| Hydrophyllum virginianum | Viola cucullata 1 2 3 4 7 9 10 |
| Impatiens pensilvanica | V. pubescens 9 |
| I. pallida 4 5 6 | Vitis aestivalis |
| Isopyrum biternatum | ✓ Xanthoxylum americ. |
| Lactuca biennis | Zizia aurea |
| Laportea canadensis 5 6 7 8 9 | |
| Monarda fistulosa | |
| Osmorhiza clayton. | |

acc 3 5 6 7 8 9 10

P. serotinus 7

Crataegus

alluv. stream

U. fulva 10

Moore seed

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 1834
Quadrat No.

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius 18, 19
Aster shortii
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica 1, 8
Carpinus caroliniana
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana 1, 2, 3, 4, 5, 6, 7, 8, 9
Clintonia borealis 10, 11, 12, 13, 14, 15, 16
Conopholis americ. 17, 19, 20
Corallorhiza maculata
Cornus alternifolia
Cornus femina
Cornus rugosa
Corylus cornuta
Cryptotaenia canadensis 1, 11, 15
Cypripedium pubescens
Cystopteris fragilis
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Dryopteris disjuncta
Dryopteris spinulosa

Epifagus virginiana
Fragaria virginiana
Galium aparine 4, 12, 13, 14
Galium circaezans
Galium concinnum
Galium lanceolatum
Galium triflorum
Geranium maculatum
Geum canadense
Hamamelis virginiana
Hepatica acutiloba
Hepatica americana
Hydrophyllum virginianum 15
Hystrix patula
Impatiens capensis
Laportea canadensis
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense
Menispermum canadensis
Mitchella repens
Mitella diphylla
Monotropa uniflora
Onoclea sensibilis
Oryzopsis aspesifolia
Osmorhiza claytoni
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila 2
Podophyllum peltatum 3
Polygonatum caniculatum
Polygonatum pubescens 10
Potentilla simplex
Prepanthes alba

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus 1, 8, 17
Ranunculus recurvatus
Rhus radicans
Ribes americanum 4, 13
Rosa sp.
Rubus-raspberry
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis 2, 6, 8, 10, 16
Sanicula gregaria 9
Sanicula marilandica
Smilacina racemosa
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata 1, 7, 10, 13, 14, 15
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Taraxacum 1, 17, 18, 19, 20

trifolium repens

Trillium racemosum 2, 3, 7, 9, 10, 11, 14, 15, 18

Dianthus 3, 4, 11

Eupatorium 5, 12

apocynum androsaemifolium?

Folerbia 11, 17, 18, 19, 20

Poa pratensis 17, 19, 20

1. clone of Lily
85 by 60 ft.

Ternstroemia

Fraxinus ph. 20