

Site 1800.

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

<https://digital.library.wisc.edu/1711.dl/VXY635VFEOK7F9D>

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.

2

No sep/arr
= 42.7

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1800
7561

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	25 3	50 3 65 50	65 2 75 50	45 2 160 80	30 2 70 65	110 2 50 75	45 2 80 60 75	65	95 20 145 40	75 2 50
Betula papy.										
Carpinus car										
Carya cord	1					2		2	2	1
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am			1						1	
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	16		1					25 30 35	1 14 25	1
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer	310 65	200	1 70		1 30	1				
Ulmus amer										
Ulmus fulva				350	1	1 30	2	2		
	5, 30 15, 35	30, 15 25, 70	14, 80 30, 10	20, 25 35, 20	35, 70 25, 70	30, 40 20, 30	15, 20 70, 40	15, 15 15, 15	25, 15 10, 5	30, 20 25, 25
Distance	8, 12 7, 14	12, 4 7, 15	14, 5 22, 11	17, 22 25, 12	10, 17 15, 15	12, 13 15, 10	7, 10 16, 10	10, 8 4, 9	20, 10 30, 25	15, 13 3, 4

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1800
1507

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>	65 55 90	2 20 55 250	3 50	1 45	1	1 65 35 70 45	3 50 55	2 27 45	1 13 60 110	2 75 85
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>	1				1	1				
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>			2	1			1	2	1	
<i>F. nigra</i>										
<i>Juglans cin.</i>									45	
<i>J. nigra</i>										
<i>Ostrya virg</i>			25 27	1 30	28 23 25	1		30		25
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>					25					
<i>Quercus alba</i>										
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>										
<i>Q. velutina</i>										
<i>Tilia amer</i>	1	85		210 40	3		45 25	25	1	85
<i>Ulmus amer</i>	580	1								
<i>Ulmus fulva</i>			320	1	1					
	25, 25 15, 50	8, 15 75, 15	20, 45 35, 30	15, 8 65, 70	20, 45 40, 22	60, 75 30, 35	5, 75 20, 20	15, 40 10, 30	45, 50 15, 30	30, 40 10, 25
Distance	12, 10 15, 20	12, 8 7, 13	5, 8 18, 14	4, 15 8, 22	5, 7 10, 22	15, 17 30, 10	5, 15 10, 20	3, 6 15, 13	11, 15 4, 15	12, 9 15, 21

Grazing Indicator Species

Stand No. 1800
Index No.

10	D	GV	-10	D	GV
<i>Caulophyllum thalictroides</i>			<i>Ambrosia artemis.</i>	.3	3
<i>Cornus femina</i>			<i>Arctium minus</i>	.5	5
<i>Cornus rugosa</i>			<i>Bidens sp.</i>	.3	3
<i>Impatiens pallida</i>			<i>Cirsium arvense</i>	.2	2
<i>Polygonatum caniculatum</i>			<i>Oxalis erecta</i>		
<i>Vitis aestivalis</i>			<i>Pilea pumila</i>	.5	5
<i>Vitis riparia</i>			<i>Plantago sp.</i>		
<i>Prunus serotina</i>			<i>Poa. pratense</i>		
9			<i>Prenanthes alba</i>		
<i>Uvularia grandiflora</i>			<i>Taraxacum off.</i>	1.4	14
<i>Rubus allegheniensis</i>			-9		
<i>Desmodium glutinosum</i>			<i>Cryptotaenia canadensis</i>	8.5	76.5
8			<i>Ranunculus abortivus</i>	3.4	33.6
<i>Osmorhiza claytoni</i>			<i>Agrimonia grypsosepala</i>		
7			-8		
<i>Rubus occidentalis</i>			<i>Eupatorium rugosum</i>	4.2	33.6
6			<i>Lactuca binnis</i>		
<i>Geranium maculatum</i>			-7		
<i>Celastrum scandens</i>	7.4	44.4	<i>Amphicarpa bracteata</i>	.3	2.1
<i>Eupatorium purpureum</i>			<i>Mulenbergia schreberi</i>	.2	1.4
<i>Festuca obtusa</i>	2.0	12	<i>Solidago ulmifolia</i>		
5			-6		
<i>Discorea villosa</i>			<i>Galium triflorum</i>	15.8	94.8
<i>Parthenocissus inserta</i>	1.7	8.5	<i>Viola cucullata</i>	3.7	22.2
4			<i>Parietaria pennsylvanica</i>		
<i>Botrychium virginianum</i>	.3	1.2			

Total 66.1

Total 296.2

Index

UG - G

$$66.1 - 296.2 = -230.1$$

$$\frac{UG}{G} = \frac{66.1}{296.2} = .223022$$

Difference
Total units x 100

$$\frac{230.1}{362.3} = -63\%$$

$$\frac{G}{T.V.} = \frac{296.2}{362.3} = 82\%$$

STAND NO. 1501

SPECIES LIST FOR GRAZED STANDS

DATE

Acalypha virginica
 Adiantum pedatum
 Agrostis alba
 Ambrosia artemisiifolia
 Aralia racemosa
 Aspidium spinulosum
 Aster sagittifolius 16
 Bidens discoides } 19
 Bidens frondosa }
 Brachyelytrum erectum
 Carex albursina
 Carex rostrata sp 1, 2, 3, 4, 5, 6, 7, 10, 13, 14, 15, 18, 19
 Cardamine pennsylvanica
 Circaea intermedia 6, 7, 10, 13, 16
 Circaea latifolia
 Corylus americana
 Dryopteris spinulosa
 Epifogus virginiana
 Epilobium glandulosum
 Erigeron philadelphicus
 Eupatorium rugosum 4, 7, 8, 10, 14, 15, 17
 Fragaria virginiana
 Galium concinnum
 Galium triflorum 12, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14
 Gaultheria procumbens 15, 16, 17, 19
 Geranium maculatum
 Geum canadense 3, 10, 17
 Hackelia virginiana
 Helianthus trachelifolius
 Hepatica acutiloba
 Hieracium aurantiacum
 Juncus tenuis
 Laportea canadensis 11, 12, 1
 Lobelia inflata
 Macanthemum canadense
 Mitchellia repens
 Monotropa uniflora
 Nepeta cataria
 Osmorhiza Claytoni
 Osmorhiza longistylis 11
 Osmunda claytoniana
 Oxalis acetosella
 Oxalis stricta
 Parietaria pennsylvanica 2, 18
 Parthenocissus vitacea 6, 8, 11, 12, 17, 20
 Phleum pratense
 Phytolacca decandra
 Pilea pumila 8, 11
 Plantago sp.
 Poa spp.
 Podophyllum peltatum 13
 Polygonum convolvulus
 Polygonum hydropiper
 Polygonum persicaris
 Potentilla canadensis
 Potentilla recta

Prunella vulgaris
 Rubus allegheniensis
 Rubus hispidus
 Rubus occidentalis
 Rumex acetosella
 Rumex obtusifolius
 Ranunculus abortivus 6, 7, 9, 13, 15
 Sanguinaria canadensis
 Sanicula gregaria 5, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17
 Smilax scirrhata 7, 13, 18, 20
 Stellaria media
 Taraxacum officinale 4, 15, 17, 18
 Trientalis americana
 Trifolium hybridum
 Trifolium pratense
 Trillium grandiflorum
 Tycop odium lucidulum
 Urtica gracilis
 Uvularia grandiflora
 Veronica officinalis
 Viburnum acerifolium
 Viola papilionacea
 cucullata 2, 3, 8, 11, 15, 17, 20
 pubescens 2
 sp? 4, 18
 Impatiens pallida
 Onoclea sensibilis
 Sambucus canadensis
 Sambucus racemosa
 Vaccinium pennsylvanicum
 Cryptotaenia canadensis 4, 3, 7, 9, 10, 13, 14, 17, 18, 19
 Menispermum canadense 1, 2, 3, 12
 Ribes cynosbati 2, 8, 9, 12, 16, 19
 Carya cord 2, 16
 Acer sac. 2, 14
 A 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19 celsatrus
 Phryne leptolachis 3, 5, 11, 13, 14, 18
 Smilacina 4, 5, 7, 8, 17, 18, 19
 C 4, 5, 7, 9, 14, 17, 20 Torara virginiana
 Aulima atrolaba 6
 Amphicarpa bracteata 7
 La. ... 7
 Festuca obtusa
 Grass - 7, 10, 14, 15, 16, 17, 20
 D 8, 11, p. ...
 Phytolacca 8, 11, 17, 19, 20
 Solanum nigrum
 x Panax quinquefolium
 ornulimbargi schubert 14
 Ulmus fulva 14
 x Campanula americana
 B 17
 Curcuma arvensis 18
 Procyon 18

STAND NO. 1701 SPECIES LIST FOR GRAZED STANDS DATE _____

Acalypha virginica
Adiantum pedatum
Agrostis alba
Ambrosia artemisiifolia 6
Aralia racemosa
Aspidium spinulosum
Aster sagittifolius
Bidens discoides 9
Bidens frondosa
Brachyelytrum erectum
Carex albursina
Carex rosea 1234 789, 10, 11, 12, 13, 15, 16, 18, 19, 20
Cardamine pennsylvanica
Circaea intermedia 1, 10, 13, 18
Circaea latifolia
Corylus americana
Dryopteris spinulosa
Epifagus virginiana
Epilobium glandulosum
Erigeron philadelphicus
Eupatorium rugosum 12356, 14
Fragaria virginiana
Galium concinnum
Galium triflorum 5, 7 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
Gaultheria procumbens
Geranium maculatum
Geum canadense 2 89, 10, 19
Hackelia virginiana
Helianthus trachelifolius
Hepatica acutiloba 4
Hieracium aurantiacum
Juncus tenuis
Laportea canadensis
Lobelia inflata
Macanthemum canadense
Mitchella repens
Monotropa uniflora
Nepeta cataria
Osmorhiza Claytoni
Osmorhiza longistylis 8, 18
Osmunda claytoniana
Oxalis acetosella
Oxalis stricta
Parietaria pennsylvanica 1
Parthenocissus vitacea
Phleum pratense
Phytolacca decandra
Pilea pumila
Plantago sp.
Poa spp.
Podophyllum peltatum 9
Polygonum convolvulus
Polygonum hydropiper
Polygonum persicaris
Potentilla canadensis
Potentilla recta

Prunella vulgaris
Rubus allegheniensis
Rubus hispidus
Rubus occidentalis
Rumex acetosella
Rumex obtusifolius
Ranunculus abortivus 1, 2, 10, 12, 13, 18
Sanguinaria canadensis
Sanicula gregaria 8, 12, 14, 15, 18
Smilax ecirrhata
Stellaria media
Taraxacum officinale 19
Trientalis americana
Trifolium hybridum
Trifolium pratense
Trillium grandiflorum
Tycopodium lucidulum
Urtica gracilis
Uvularia grandiflora
Veronica officinalis
Viburnum acerifolium
Viola papilionacea
 cucullata 1, 4, 14, 18, 19
Impatiens pallida
Onoclea sensibilis
Sambucus canadensis
Sambucus racemosa
Vaccinium pennsylvanicum
Cryptotaenia canadensis 15, 16, 18, 10, 11, 12, 13, 14, 15, 16, 20
A 1, 6, 10, 12, 20 Celandrum scandens
Ribes cynosbati 1, 15, 20
Acer saccharinum 123458, 12, 15
C 2, 18, 20 Toxaria virginiana
Physalis (Lycopersicon) 6, 19
Salix nigra 7, 16
Lonicera 7, 16
Carya cord, 10, 14
Smelex ternstroemi 11
Aster 12, 17
Prunus serotina 12, 13
Cornus pennsylvanica 13
Phryma leptostachya 15, 18
Ulmus fulva 16, 19

Grazing Indicators
Presence

1800

Extreme +2
Decreasers

Carya ovata
Quercus alba
Aralia nudicaul.
A. racemosa
Caulophyllum thal.
Hystrix patula
Sanicula mariland.
Vitis astevalis

Moderate +1 5
Decreasers

Acer saccharum
Prunus serotina
P. virginiana
Quercus rubra
Tilia americana ✓
Actaea Sp.
Adiantum pedatum
Anthrium angustl.
Campanula americana
Celastrus scandens ✓
Cornus femina ✓
C. rugosa
Corylus americana
Desmodium glutinosum
Dioscorea villosa
Eupatorium purpur.
E. rugosum ✓
Polygonatum canic.
Rhus radicans
Rubus alleghen.
R. occidentalis
Smilax hebacea ✓
Triosteum perfol.
Uvularia grandiflorum
Vitis riparia

Invaders -2 7x2 = 14

Fraxinus americana
Ambrosia artemisifolia ✓
Antennaria sp.
Aquilegia canadense
Arctium minus ✓
Aster lateriflorus
Bidens sp. ✓
Cerastium vulgatum
Cirsium arvense ✓
Erigeron philadel.
Lithospermum latiflorum
Monarda fistulosa
Oxalis stricta
Panicum lebergi
Pilea pumila ✓
Plantago sp.
Poa compressa
Smilax hispida
Taraxacum off. ✓
Toxaria virginiana ✓

Increasers -1 10

Ulmus fulva ✓
Agrimonia gryposep.
Botrychium virginiana ✓
Cryptotania canadensis ✓
Galium aparine
G. triflorum ✓
Lactuca biennis
Lemnismum can. ✓
Muhlenbergia schreberi ✓
Parietaria penn. ✓
Poa pratense
Ranunculus abortivus ✓
Sanicula gregaria ✓
Smilacina racemosa ✓
Solidago ulmifolia

Sum of Indicators

5

- 24

$$\frac{U-G}{\text{Tot units}} = \frac{5-24}{29} = -\frac{19}{29} = .65$$

TABULATION FORM

SOUTHERN HARDWOODS

Stand No. 150

1200

[illegible]

[illegible]

[illegible]

[illegible]

276