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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1730

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum					200	240	240		360	1
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.	1			2	2	2	1	3		
Fagus grand										
Fraxinus am	1									
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg									3	3
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										300 160
Q. ellipsoid										
Q. macrocarpa		350 180						140		
Q. rubra	240						220			
Q. velutina										
Tilia amer	1	1	1	340 210	180 210	340 370	2	300 280	120	240 160 140
Ulmus amer										
Ulmus fulva	200 230 160	1 200 140	180 95 100 100	2 110 120	1 200	200 270		120 130	1	
	40,35 50,60	40,	30,25 30	50,30 70,	24,70 40	20,25 30,20	30,50	25,40 60,70	4,8 15,25	5,30 30,30
Distance	39,34 60,65	24,35 40,35	12,13 20,12	35,24 22,42	24,24 34,14	55,14 27,75	8,41 12,29	48,40 38,41	25,11 23,23	6,22 32,42
	0	40	60	25	100	90	90	0	95	95

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1730

STATION NO.	1	2	3	4	5	6	7	8	9	10			
Acer rubrum													
A. saccharum	160 320				320	360	240	240					
Betula papy.													
Carpinus car													
Carya cord													
C. ovata													
Celtis occ													
Crataegus sp.	2	1											
Fagus grand													
Fraxinus am													
F. nigra													
Juglans cin.	160								1				
J. nigra													
Ostrya virg	35	35	3	20	4	2	4	2	4	4	30	2	3
Populus gran													
P. tremul													
Prunus serot													
Quercus alba				100 80									
Q. ellipsoid													
Q. macrocarpa													
Q. rubra							180						
Q. velutina													
Tilia amer		340			360	360 130		120	220 170 180		140 160 180		
Ulmus amer											180		
Ulmus fulva	1	220 180	40 100 120	180 160	2	280 160	280	2	170 220	220 200	1		1
	5,10 30,40	40,10 8,5	5,15 5,20	15,10 40,15	15,40 10,100	40,70 40,60	15,40 40,25	10,25 10,10	10,20 10,10	10,12 15,25			
Distance	21,50 40,65	21,23 40,20	41,17 35,14	18,5 9,30	26,27 41,55	30,31 40,80	20,23 35,65	20,25 32,27	12,18 31,40	13,18 38,55			
	35	75	90	100	0	0	100	80	80	90			

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 830

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>			240	240						
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>					1	1		1		
<i>Fagus grand</i>										
<i>Fraxinus am</i>									25	1
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>									140 110	
<i>Ostrya virg</i>	100 4	120 4 110	15 4 15	4	2	2	110 1	110 1	2	1
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>				120	200 130			140	170	
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>	220			180 220	190	350	460	460		
<i>Q. velutina</i>										
<i>Tilia amer</i>	160 140	180 160			75	180 170	1		200	220 2
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>			190			220	140 260	1 170	250 500	
	3,10 5,4	10,26 8,30	5,3 5,40	3,1 70 3,8 50	30,35 45	40,50 70,40	75,60 50	44,25	46,25 60	10,40 35,40
Distance	13,20 26,23	34,24 12,44	55,8 12,11	50,26 60,32	30,75 40,44	42,15 36,40	20,7 35,65	22,48 65,75	48,16 75,34	15,40 27,10
	90	45	95	0	50	40	70	25	70	85

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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1830

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer rubrum															
A. saccharum	1	360	1			280			1	270					
Betula papy.															
Carpinus car															
Carya cord															
C. ovata															
Celtis occ															
Crataegus sp.				2			1	1	1						
Fagus grand															
Fraxinus am															
F. nigra															
Juglans cin.						2									
J. nigra															
Ostrya virg	3		3	100	2	15 30	4	25	2	15	3	25	3	2	4
Populus gran															
P. tremul															
Prunus serot						130									
Quercus alba	170 210	300	2	120	160					200 120					
Q. ellipsoid															
Q. macrocarpa															
Q. rubra					280	340		360 340	200						
Q. velutina															
Tilia amer	120 340	140 130	1	300 380 260	1	160	120		170	170				250 300	
Ulmus amer															
Ulmus fulva				140						130 140				160	
	16,30 25,10	15,30 20,20	10,8 20,30	10,8 15,5	10,5 25,10	10,5 4,20	4,15 20,15	5,15 20,10	40,10 15,15	15,25 30,40					
Distance	34,8 12,60	18,65 30,40	3,9 10,21	20,12 32,34	5,28 45,40	15,12 38,30	35,30 38,40	26,18 17,16	35,32 35,42	9,35 28,46					
	90	50	90	30	80	60	0	0	0	95					

1830.

[illegible]

Presence or Frequency
(Common species only)

BEECH WOODS

Grazed S.M.H.

Stand No. 1830
Quadrat No. 1-10

Actaea pachypoda	Epifagus virginiana	Prunus virginiana
Actaea rubra	Fragaria virginiana	Pteridium aquilinum
Adiantum pedatum	Galium aparine 1 4 5 6, 13, 17, 18, 20	Pyrola elliptica
Allium triococcum	Galium circaeazans	Ranunculus abortivus 14, 16, 17, 19
Amelanchier sp.	Galium concinnum	Ranunculus recurvatus
Anemone quinquefolia 15, 9, 15	Galium lanceolatum	Rhus radicans
Aquilegia canadensis	Galium triflorum	Ribes americanum 6
Arabis canadensis	Geranium maculatum 3, 5	Rosa sp. ^{sp. 1830}
Aralia nudicaulis	Geum canadense 4, 13, 16	Rubus-raspberry
Aralia racemosa	Hamamelis virginiana	Sambucus canadensis
Arisaema atrorubens	Hepatica acutiloba	Sambucus pubens
Aster macrophyllus	Hepatica americana	Sanguinaria canadensis 12, 16
Aster sagittifolius 34, 5, 16	Hydrophyllum virginianum 13, 4, 18, 20	Sanicula gregaria 2, 16, 18
Aster shortii 17	Hystrix patula	Sanicula marilandica 1
Athyrium filix-femina	Impatiens capensis	Smilacina racemosa
Botrychium virginianum	Laportea canadensis 6	Smilax ecirrhata
Brachyelytrum erectum	Lonicera dioica	Smilax herbacea
Campanula americana	Lonicera oblongifolia	Solidago altissima
Carex albursina	Lonicera prolifera	Solidago flexicaulis 3, 15
Carex pensylvanica 13, 5, 16, 18	Lycopodium lucidulum	Solidago ulmifolia
Carpinus caroliniana	Lycopodium obscurum	Streptopus roseus
Caulophyllum thalictroides	Maianthemum canadense	Symplocarpus foet.
Celastrus scandens	Menispermum canadensis	Taxus canadensis
Circaea quadrifida	Mitchella repens	Thalictrum dioicum
Claytonia virginiana 12, 3, 4, 5, 6, 9, 17, 18, 19, 20	Mitella diphylla	Trientalis borealis
Clintonia borealis	Monotropa uniflora	Trillium flexipes
Conopholis americ.	Oncoclea sensibilis	Trillium grandiflorum
Corallorhiza maculata	Oryzopsis asperifolia	Triosteum perfoliatum
Cornus alternifolia	Osmorhiza claytoni 4, 6, 18	Uvularia grandiflora
Cornus femina	Osmunda claytoniana 5	Viburnum acerifolium
Cornus rugosa	Ostrya virginiana	Viburnum rafinesquianum
Corylus cornuta	Parietaria pensylvanica	Vicia americana
Cryptotaenia canadensis 6, 20	Parthenocissus inserta	Viola canadensis
Cypripedium pubescens	Phryma leptostachya	Viola cucullata 13, 11, 13, 15, 17
Cystopteris fragilis	Pilea pumila	Viola pallens
Diervilla lonicera	Podophyllum peltatum 14, 16	Viola pensylvanica
Dioscorea villosa	Polygonatum caniculatum	Viola pubescens
Dirca palustris	Polygonatum pubescens 15, 13, 15, 20	Vitis aestivalis
Dryopteris disjuncta	Potentilla simplex	Zanthoxylum americanum
Dryopteris spinulosa	Prepanthes alba	

Additional Species:

Dicentra cucullata 2, 3, 4, 17, 18, 20
Sanicula marilandica 19, 20
Trillium recurvatum 1, 2, 3, 4, 6, 8, 13, 14, 15, 16, 18
Poa pratensis 2, 3, 7, 8, 10, 11, 12, 14, 15, 16, 17, 19
Taraxacum 2, 8, 11, 13
Cirsium vulgare 2, 13, 14, 15
Trifolium repens 19
Eupatorium 9
Potentilla arguta 7, 12, 13, 14, 15, 19
Anemone neglecta 8, 15
Erigeron philadelphicus 8, 14
Achillea m. M. Phil. 11, 12, 13, 16

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1838

Ambrosia artemisiifolia 45

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 15410

Bidens sp.

Cerastium vulgatum 1

Chenopodium hybridum

Cirsium arvense 23457

C. discolor 1

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 8910

Oxalis stricta 89

Panicum leibergii

Eragrostis phil. #5

Verbascum thapsus

Hederema polyb

Scalyphe virginiana 8,10

Physalis heterophylla

Pilea pumila

Plantago sp. 89

Plantago lanceolata

Poa compressa

P. pratense 123 45689,10

Polygonum convolvulus

P. hydropiper

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 248

Solanum nigrum

Solidago latifolia

S. caesia #

Stellaria media

Taraxacum officinale 1,235678,10

Trifolium hybridum 134589

T. pratense.

Achillea m. 114112 134

Dracopis 23910

Potentilla norvegica #

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

Adiantum pedatum
Arimonia grypsocsepala 6
Amphicarpa braceata
Anemone quinquefolia
Anemonella thalictroides
Antennaria sp. 4 89
Aquilegia canadensis
Arisaema atrorubens
Aster sagittifolius 6
A. shortii 6 7 10
Athyrium filix-femina
Botrychium virginianum
Campanula americana
Carex albursina
C. pennsylvanica 7, 10
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Cornus rugosa
Corylus americana
Cryptotaenia canadensis 6 7 8 10
Desmodium glutinosum
Dodecatheon meadia
Erigeron pulchellus 3 4 5
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine 7
G. concinnum
G. triflorum
Geranium maculatum 6
Geum canadense 11, 16
Hackelia virginica
Helianthus strumosus
Heuchera richardsonii
Hydrophyllum virginianum 1 2 7
Impatiens opensis
I. pallida
Isopyrum bitematum
Lactuca biennis
Laportea canadensis
Monarda fistulosa
Osmerhiza claytoni 10

Osmerhiza longistylis
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phytolacca leptostachya
Podophyllum peltatum
Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 2 3
Prenanthes alba
Ranunculus abortivus 2 7
R. recurvatus
Rhus radicans
Ribes sp. 3, 10
Rosa sp.
Rubus allegheniensis
R. occidentalis 8
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago flexicaulis
S. ulmifolia 7
Thalictrum dioicum
Tovara virginiana
Triosteum perfoliarum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
Viola cucullata 1 2 8 9, 10
V. pubescens
Vitis aestivalis
Xanthoxylum americ.
Zizia aurea

Comm. Floada

Acer 1 11 2 8

U. fulva 2 5 7, 10

P. serotina 7 8

T. Amer 10

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1830

Ambrosia artemisiifolia

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum 268 N

Chenopodium hybridum

Cirsium arvense 1 3 4 7 10

C. discolor

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 46

Oxalis stricta 46 16

Panicum leibergii

Pedicularis

Polygonum sp. 35

Aster simplex - 38

Aster novae-angliae

Physalis heterophylla

Pilea pumila 9

Plantago sp. 3 5 6 8 9

Plantago lanceolata

Poa compressa

P. pratense 3 4 5 6 7 8 10

Polygonum convolvulus

P. hydropiper

Prunella vulgaris 8

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 5

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 2 3 5 6 7 8 10

Trifolium hybridum 3 4 6 7 8

T. pratense.

Urtica dioica 3 7 8 9

Achillea millefolium

Chenopodium virginicum 29

Acetophyta virginica 29

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

Adiantum pedatum
Arisaema grypsocarpale
Amphicarpa braceata
Anemone quinquefolia
Anemonella thalictroides
Antennaria sp. 5
Aquilegia canadensis
Arisaema atrorubens
Aster sagittifolius
A. shortii 1 4 7
Athyrum filix-femina
Botrychium virginianum
Campanula americana
Carex albursina
C. pennsylvanica 1 3
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrifida
Cornus rugosa
Corylus americana
Cryptotaenia canadensis 2 7 8 9
Desmodium glutinosum
Dodecatheon meadia
Erigeron pulchellus
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 7
Galium aparine 9
G. concinnum
G. triflorum
Geranium maculatum
Geum canadense 1 4 7 8 9
Hackelia virginica 3 4 8
Helianthus strumosus
Heuchera richardsonii
Hydrophyllum virginianum 5
Impatiens pensylvanica
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
Monarda fistulosa
Osmorhiza clayton. 1 2 7 9

Osmorhiza longistylis
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phytolacca leptostachya 2
Podophyllum peltatum
Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Ranunculus abortivus 3
R. recurvatus
Rhus radicans
Ribes sp. 3 4 10
Rosa so.
Rubus allegheniensis
R. occidentalis 2
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 7
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago flexicaulis
S. ulmifolia
Thalictrum dioicum
Toxaria virginiana
Triosteum perfoliarum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
Viola cucullata 3 4 6 7 9
V. pubescens
Vitis aestivalis
Xanthoxylum americ.
Zizia aurea

T. americana 2

Polygonum reptans 3

✓ Scrophularia marilandica

✓ Verbena stricta

✓ B. berry

Ostrya 10

Acer 10

J. fulva 10

A. 2

B-4 6

Polygonum
aviculare 8