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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 13

Very heavily recently heavily sel. cut, impossible to sample objectively.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata						L		17		
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.	85		L		50	35 80	65 35	L	L 23	
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot		1 55 22	27	L 19	L 13+1	L 45	22		L	L
Quercus alba	65	50 140	1 50	1 15		1	1	40 25	1 35	2 29 40 28 55 22
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina			260	L 270	130	130	1 190	210	170 210	
Tilia amer										
Ulmus amer	70 100		45 22	26	26	L				
Ulmus fulva										
Sap	16	12	2 12 15 9	10	10 22 23	11 23 25	9	15 15 23	22 23 27	11 23 28
Distance	13 10 16 22	10 25 25 20	7 19 17 18	3 4 22 24	14 16 19 23	6 18 19 12	14 14 21 30	10 26 15 24	12 9 27 24	5 18 8 28

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 13

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum	2			2		14 80				
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1		1							
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.	23 90		24	170 15	60 65					
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	55			1	27		1			
Quercus alba	50	85 60 40 40	15 30	1 140 22	30					
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina			200			170				
Tilia amer		1				50				
Ulmus amer							1			
Ulmus fulva										
Sap	4 11 20	11	12 27 22	13 25 37	12 28	8 20				
Distance	13 11 12 32	19 20 10 40	26 13 10 30	19 10 15 19	11 14 8 22	8 19 10 13				

Cut over 4 or 5 years ago

13

Mostly *Q. velut.* cut.
However, some big ones
left, possibly for seed
trees? Red maple, basswood
starting to come in. Trees/acre
not as many as will be indicated
because couldn't fight my way thru the
opening. Many *Rubus* sp. Also, large *Cornus* attaining.

Soil A. $\frac{1}{4}$ " - $\frac{1}{2}$ " Silt loam
A₁ 2" - $1\frac{1}{2}$ "

40-50% canopy

Temp Soil 17° c 17°
Air 22° c 22°

84 yr. *Q. velut.* 22-25" diam.

1513

1.03 stems/tree

+57.4

Aug. 1 1513

Univ. of Wisconsin

9N8E SE of SE 7

Stand No. 13

Quadrat No.

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Actaea pachypoda
 Adiantum pedatum 7
 Agrimonia gryposepala
 Allium tricoccum
 Amphicarpa braceata 4
 Anemone quinquefolia
 A. virginiana
 Anemonella thalictroides
 Antennaria sp.
 Aplectrum hiemale
 Apocynum androsaemifolium 2, 15
 Aquilegia canadensis
 Aralia nudicaulis 2
 A. racemosa
 Arenaria lateriflora
 Arisaema atrorubens
 Asarum canadensis
 Aster macrophyllus
 A. sagittifolius 8, 9, 10, 15
 A. shortii
 Athyrium filix-femina
 Botrychium virginianum 2, 3, 6, 7
 Brachyelytrum erectum
 Campanula americana
 Carex albursina
 C. pensylvanica 2, 3, 4, 5, 6, 7, 9, 11, 13-20
 Caulophyllum thalictroides
 Celastrus scandens 18
 Circaea quadrisulcata 12, 14, 19, 20
 Claytonia virginiana
 Cornus alternifolia 3, 5, 6, 9
 C. femina 19
 C. rugosa 2, 10, 11
 Corylus americana 2, 10, 11-13, 15, 20
 Cryptotaenia canadensis
 Cyripedium pubescens 18, 19
 Cystopteris fragilis
 Dentaria laciniata
 Desmodium glutinosum 2, 3, 4, 5, 6, 7, 8, 9, 10
 D. nudiflorum 11-20
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum
 Eupatorium purpureum

Eupatorium rugosum 5
 Festuca obtusa
 Fragaria virginiana 14
 Galium aparine 9
 G. circaezans
 G. concinnum 3, 5, 6, 8, 15, 16, 19, 20
 G. lanceolatum
 G. triflorum 2, 8, 18
 Geranium maculatum 1, 2, 3, 5, 11-13, 15, 18, 20
 Gerardia grandiflora 18, 20
 Geum canadense 2
 Goodyera pubescens
 Habenaria bracteata
 Hackelia virginica
 Hamamelis virginiana
 Helianthus strumosus 1, 2, 7, 8, 9
 Hepatica acutiloba 11, 12, 14, 16
 Heuchera richardsonii
 Hydrastis canadensis
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens capensis 2
 I. pallida
 Isopyrum biternatum
 Lactuca biennis 3, 5, 8, 9, 13, 17, 20
 Laportea canadensis
 Lathyrus ochroleucus
 Lonicera prolifera
 Lysimachia quadrifolia 13, 15, 18-20
 Maianthemum canadensis
 Menispermum canadensis
 Mitella diphylla
 Monarda fistulosa
 Orchis spectabilis
 Oryzopsis racemosa
 Osmorhiza clayton. 1, 2, 3, 5, 6, 13, 17-19
 O. longistylis
 Osmunda claytoni
 Panax quinquefolia
 Panicum latifolium
 Parietaria pennsylvanica
 Parthenocissus inserta 1, 2, 3, 4, 5, 6, 8, 9
 Phlox divaricata 10-20
 Phryma leptostachya 2, 3, 5, 6, 10, 14, 16-19
 Podophyllum peltatum 7
 Polemonium reptans

Polygonatum canaliculatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum 5, 9, 10, 11-13, 15, 16
 Pyrola elliptica 14
 Ranunculus abortivus
 R. recurvatus
 R. septentrionalis
 Rhus radicans 10, 12-16, 20
 Ribes americanum 1
 R. cynosbati
 R. missouriense 9
 Rosa sp.
 Rubus allegheniensis 6, 11, 13, 14, 19, 20
 R. occidentalis 5, 7, 8, 12, 14, 16, 17
 R. strigosus 1, 2, 4, 13, 15, 18
 Sambucus canadensis
 Sanguinaria canadensis
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa 1, 2, 4, 8, 9, 10, 11
 S. stellata 12, 14, 16-19
 Smilax ecirrhata
 S. herbacea
 S. tamnoides
 Solidago altissima 1, 3, 5, 7
 S. flexicaulis
 S. ulmifolia
 Thalictrum dioicum
 Tovarira virginiana
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora 12
 Veronicastrum virginicum
 Viburnum acerifolium 13
 V. rafinesquianum
 Viola cucullata 1, 2, 5, 6, 7, 8, 9, 12
 V. pubescens
 Vitis aestivalis
 V. riparia
 Xanthoxylum americ. 5, 19
 Zizia aurea

Additional species:

- Poa compressa 1, 10
 - Quercus velut. 1, 8, 9, 11, 15, 18, 20
 - Amelanchier 1
 - P. virg. 10, 19
 - P. alba 16

Presence List
(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No. 13

Locality: County: Sec: T: R:
Date: Observers:
Size of Stand: Size of Area Sampled:
Condition of Stand: Type:

Acalypha rhomboidea
Agastache scrophul.
Allium canadense
Amorpha canescens
Anaphalis margarit.
Anemone cylindrica
Arabis canadensis
A. laevigata
A. lyrata
A. perstellata
Aralia pispida
Arisaema dracont.
Asclepias ovalif.
A. exaltata
Aster azureus
A. simplex
A. prenanthoides 14
Athyrium thelypter.
Boehmeria cylindr.
Botrychium multif.
Bromus purgans
Camptosorus rhizop.
Carex convoluta 12
Ceanothus americ.
Chimaphila umbell.
Cirsium altissim.
Clematis virgin.
Clintonia boreal.
Comandra umbellata
Conopholis americ.
Corallorrhiza mac.
Corydalis semperv.
Cynoglossum offic.
Cystopteris bulbif.
Desmodium cuspidatum
D. canadense
Dicentra canad.
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Elymus villosus
Epifagus virgin.

Erigeron philadel.
Erythronium americ.
Evonymus atropur.
Floerkea proserp.
Fragaria vesca
Galium boreale
Gaultheria procumb.
Gaylussacia baccata
Gentiana quinquef.
Geum virginianum
Hedeoma hispida
Hepatica americana
Heracleum maximum
Hieracium canad.
H. scabrum
Hydrophyllum append.
Hypoxis hirsuta
Ilex verticillata
Juncus tenuis
Juniperus communis
J. virginiana
Krigia biflora
Lathyrus venosus
Lilium philadel.
Liparis liliifolia
Lobelia cardinalis
Lonicera dioica
L. hirsuta
Luzula acuminata
L. multiflora
Lysimachia ciliata
L. hybrida
Miliun effusum
Mitchella repens
Monotropa uniflora
Oenoclea sensibilis
Oryzopsis asperif.
Osmunda cinnamomea
Oxalis violacea 5
Panax trifolium
Paronychia canad.
Pedicularis canad.

Physocarpus opul.
Phytolacca americana
Pilea pumila 89
Polymnia canad.
Polypodium vulgare
Prunella vulgaris
Pteretis pennsylvanica
Pyrus coronaria
P. ioensis
Ranunculus fascicul.
R. rhomboideus
Rhus glabra
R. typhina
Rubus hispidus
R. pubescens
Rudbeckia laciniata
Salix sp.
Sambucus pubens
Saxifraga pennsylv.
Scrophularia lan.
S. marilandica
Senecio pauperculus
Silene stellata
Solanum nigrum
Solidago speciosa
Staphylea trifolia
Streptopus roseus
Symplocarpus foet.
Taenidia integerr.
Taxus canadensis
Thalictrum dasycarp.
Thaspium aureum
Tradescantia ohio.
Urtica sessilif.
Vaccinium myrtilloides
Veronica serpyllif.
Viburnum lentago
V. trilobum
Vicia americana
Viola conspersa
V. incognita 25678912
Wulfenia bullii

Additional Species: