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## Site 1535: Green County, Township 3N, Range 7E, Section 29.

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POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1535A

STATION NO.	1	2	3	4	5	6	7	8	9	10	
Acer rubrum											
A. saccharum											
Betula papy.											
Carpinus car											
Carya cord											
C. ovata											
Celtis occ											
Crataegus sp.											
Fagus grand											
Fraxinus am											
F. nigra											
Juglans cin.											
J. nigra								47.2	7.5	2.5	
Ostrya virg											
Populus gran											
P. tremul											
Prunus serot								27.0	7.5	2.5	
Quercus alba											
Q. ellipsoid											
Q. macrocarpa											
Q. rubra											
Q. velutina											
Tilia amer	4	2	2	3	4			153.3	210	70	
Ulmus amer		76		55				69.0	15	5	
Ulmus fulva		82	87 98					492.0	60	20	
Distance	8 11	13 18	14 12	7 13	7 14	15 24	6 7 7	7 18	6 10	7 13	2168.2 300

15413-28  
2 2  
315-8

CI IV



25 living big trees left in 100' radius  
Mostly slip elms.

Big basswood clump all around each stump  
only other striking evidence.

25 basswood clumps in 40' radius,  
These clumps 5-10' high,  
20-30 stems per stump.

Other stumps evidently split little.

Hardly no saplings to be seen, either cut or  
destroyed during logging. (Some definitely cut)  
Quite a few *Carya cord.* seedlings.

*Erigeron*, *Cirsium* + *Aster* (*sagitt.*) most conspic.  
herb. cover 3-5' (mostly 3½')

Basswood stump c ~~stump~~

Bob white + goldfinch territory  
wren

This stand was cut 2-3 yrs. ago for basswood + red oak.  
Basswood split, red oak didn't.  
Mostly slip elm left standing, some Amer elm, couple *P. serot.*



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1535 B

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra				142						
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot					97					
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra		slab split								
Q. velutina										
Tilia amer	125 20 161	47 54 181	38 103 149		132 120				110	
Ulmus amer		2743	132		46					
Ulmus fulva	59		145 27					12 158		
		3620 2560								
Distance	7 20 7 29	10 7 6 13	23 6 17 29	16 20 16 15	7 18 9 22					

13

5



Spout stand - Beechwood.

Green Co.

Data Form No. 40

Plant Ecology Research

Univ. of Wisconsin

3N7E SE of NE 29

Stand No. 1535 A

Quadrat No.

Presence or Frequency  
(Common species only)

SOUTHERN UPLAND HARDWOODS

- Actaea pachypoda
- Adiantum pedatum
- ✓ Agrimonia grypsossepala
- Allium tricoccum
- ✓ Amphicarpa braceata 45
- Anemone quinquefolia
- A. virginiana
- Anemonella thalictroides
- Antennaria sp.
- Aplectrum hiemale
- Apocynum androsaemifolium
- ✓ Aquilegia canadensis 256789
- Aralia nudicaulis
- A. racemosa
- Arenaria lateriflora
- Arisaema atrorubens 1236710
- Asarum canadensis
- Aster macrophyllum
- A. sagittifolius 12410
- A. shortii 135
- Athyrium filix-femina
- Botrychium virginianum
- Brachyelytrum erectum
- ✓ Campanula americana 4
- Carex albursina 2910
- C. pensylvanica 123478
- Caulophyllum thalictroides
- Celastrus scandens
- Circaea quadrisulcata 1478
- Claytonia virginiana
- Cornus alternifolia
- ✓ C. femina
- C. rugosa
- Corylus americana
- ✓ Cryptotaenia canadensis 6
- Cypripedium pubescens
- Cystopteris fragilis
- Dentaria laciniata
- Desmodium glutinosum
- D. nudiflorum
- Dicentra cucullaria
- Dodecatheon meadia
- Dryopteris spinulosa
- Erigeron pulchellus 15710
- Erythronium albidum
- Eupatorium purpureum 3

- Eupatorium rugosum 7
- Festuca obtusa
- Fragaria virginiana 123910
- ✓ Galium aparine 2
- G. circaeazans
- G. concinnum 34789
- G. lanceolatum
- G. triflorum
- Geranium maculatum 189
- Gerardia grandiflora
- Geum canadense 189
- Goodyera pubescens
- Habenaria bracteata
- Hackelia virginica
- Hamamelis virginiana
- Helianthus strumosus 7
- Hepatica acutiloba
- Heuchera richardsonii
- Hydrastis canadensis
- Hydrophyllum virginianum
- ✓ Hystrix patula
- Impatiens capensis
- I. pallida
- Isopyrum biternatum
- ✓ Lactuca biennis 510
- Laportea canadensis
- Lathyrus ochroleucus
- ✓ Lonicera prolifera 6
- Lysimachia quadrifolia
- Maianthemum canadensis
- Menispermum canadensis
- Mitella diphylla
- Monarda fistulosa
- Orchis spectabilis
- Oryzopsis racemosa
- Osmorhiza clayton.
- O. longistylis 2
- Osmunda claytoni
- Panax quinquefolia
- ✓ Panicum latifolium
- Parietaria pennsylvanica
- Parthenocissus inserta 1
- Phlox divaricata
- Phryma leptostachya
- Podophyllum peltatum
- Polemonium reptans

- ✓ Polygonatum canaliculatum
- Polygonatum pubescens
- Potentilla simplex 17
- Prenanthes alba
- Pteridium aquilinum
- Pyrola elliptica
- Ranunculus abortivus
- R. recurvatus
- R. septentrionalis 910
- Rhus radicans 1
- Ribes americanum
- ✓ R. cynosbati
- R. missouriense
- Rosa sp.
- ✓ Rubus allegheniensis
- ✓ R. occidentalis
- ✓ R. strigosus
- Sambucus canadensis
- Sanguinaria canadensis
- Sanicula gregaria 6910
- S. marilandica
- ✓ Smilacina racemosa 45
- S. stellata
- Smilax ecirrhata
- S. herbacea
- S. tamnoides
- Solidago altissima 234
- S. flexicaulis
- S. ulmifolia
- Thalictrum dioicum
- Tovara virginiana
- Trillium cernuum
- T. flexipes
- T. grandiflorum
- T. recurvatum
- Triosteum perfoliatum
- Uvularia grandiflora 3
- Veronicastrum virginicum
- Viburnum acerifolium
- V. rafinesquianum
- Viola cucullata 1245810
- V. pubescens 7
- Vitis aestivalis 8
- V. riparia
- Xanthoxylum americ. 8
- Zizia aurea

Additional species:

- ✓ Ulmus fulva 9
- Poa prat 134567810
- Cirsium 1267810
- Trifolium 1
- Arhus serot

- ✓ Prunus
- ✓ Carya cord 26
- ✓ Tilia
- ✓ Rhus crispus
- ✓ Rhus glabra 57
- ✓ Xanthium strumarium
- Taraxacum
- ✓ Arctium minus

- Prunus virg 1,7
- ✓ Melilotus alba
- ✓ Steironema ciliatum



SOUTHERN UPLAND HARDWOODS

Presence or Frequency  
(Common species only)

75' west of uncut area, get shade til c. 10 AM.

Some wood plants get heat this golden color

Nefeta

Dioscarea

Phayna

at 2', 270 BA

30 spots

basewd. 42 yr old

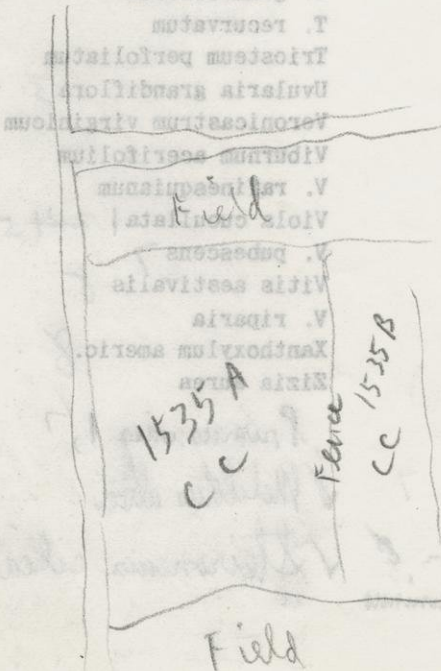
Few at 1' Very early removed

Ao Virtually none

A. 2-3" 2 1/2"

(clay) silt loam

Quite compact



Wood

1535A  
CC

1535B  
CC

Field

Additional species:

1535A 5810

1535B 5810



Presence or Frequency  
(Common species only)Stand No. 1535B  
Quadrat No.

## SOUTHERN UPLAND HARDWOODS

Page 2

Actaea pachypoda	Eupatorium rugosum 12345	Polygonatum canaliculatum 2
Adiantum pedatum	Festuca obtusa	Polygonatum pubescens
Agrimonia gryposepala	Fragaria virginiana	Potentilla simplex
Allium tricoccum	Galium aparine 7	Prenanthes alba
✓ Amphicarpa braceata	G. circaezans	Pteridium aquilinum
Anemone quinquefolia	G. concinnum 4	Pyrola elliptica
A. virginiana	G. lanceolatum	Ranunculus abortivus
Anemonella thalictroides	G. triflorum 14	R. recurvatus
Antennaria sp.	Geranium maculatum 3	R. septentrionalis
Aplectrum hiemale	Gerardia grandiflora	Rhus radicans
Apocynum androsaemifolium	Geum canadense 5	Ribes americanum
✓ Aquilegia canadensis	Goodyera pubescens	✓ R. cynosbati 78
Aralia nudicaulis	Habenaria bracteata	R. missouriense
A. racemosa	Hackelia virginica	Rosa sp.
Arenaria lateriflora	Hamamelis virginiana	✓ Rubus allegheniensis
Arisaema atrorubens 26789	Helianthus strumosus	✓ R. occidentalis 5679
Asarum canadensis	Hepatica acutiloba	R. strigosus
Aster macrophyllus	Heuchera richardsonii	Sambucus canadensis
A. sagittifolius 35	Hydrastis canadensis	Sanguinaria canadensis
A. shortii	✓ Hydrophyllum virginianum 68	Sanicula gregaria 123678
Athyrium filix-femina	Hystrix patula	S. marilandica
✓ Botrychium virginianum	Impatiens capensis	Smilacina racemosa 12345679
Brachyelytrum erectum	I. pallida	S. stellata
Campanula americana 4	Isopyrum biternatum	Smilax ecirrhata
Carex albursina 10	Lactuca biennis	S. herbacea 25689
C. pensylvanica 128	Laportea canadensis	S. tamnoides
Caulophyllum thalictroides 24	Lathyrus ochroleucus	Solidago altissima
Celastrus scandens 34	Lonicera prolifera 22	S. flexicaulis
Circaea quadrisulcata 145678910	Lysimachia quadrifolia	S. ulmifolia
Claytonia virginiana	Maianthemum canadensis	Thalictrum dioicum
Cornus alternifolia	Menispermum canadensis 1236	Tovara virginiana
C. femina 2	Mitella diphylla	Trillium cernuum
C. rugosa	Monarda fistulosa	T. flexipes
Corylus americana 2	Orchis spectabilis	T. grandiflorum
Cryptotaenia canadensis 1367810	Oryzopsis racemosa	T. recurvatum
Cypripedium pubescens	Osmorhiza clayton.	✓ Triosteum perfoliatum
Cystopteris fragilis	O. longistylis 10	Uvularia grandiflora 23789
Dentaria laciniata	Osmunda claytoni	Veronicastrum virginicum
✓ Desmodium glutinosum 5	Panax quinquefolia	Viburnum acerifolium
D. nudiflorum	Panicum latifolium	V. rafinesquianum
Dicentra cucullaria	Parietaria pennsylvanica	Viola cucullata 23578910
Dodecatheon meadia	Parthenocissus inserta 2345610	V. pubescens 12456789
Dryopteris spinulosa	Phlox divaricata	Vitis aestivalis 2
Erigeron pulchellus	Phryma leptostachya 3589	V. riparia
Erythronium albidum	Podophyllum peltatum	✓ Xanthoxylum americ.
✓ Eupatorium purpureum	Polemonium reptans	Zizia aurea

Additional species:

Carya cord 127  
Prun virgin 49  
Ulmus 478

Lithospermum latifolium 6

Agastache scrophulariaefolia  
Muhlenbergia ? 4, 8

C. Anaphalis margaritacea



34 trees in 50' radius

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Plant Ecology Research

Data Form No. 40

Mostly basswood & slip elm. Red oak cut out.

Quarter No.

SOUTHERN UPLAND HARDWOODS

Presence of (Common species only)

Few saplings, no spots

Basswood  
elm  
ash

basswoods 100-200" BA & less

Slip elm 325 BA @ 18" ht. 43 yrs old

2 spots 1 at ht of 1' from cambium on

cut area of stump.

Red oak 129 yrs. Didn't sprout.

<i>Polygonatum pubescens</i>	<i>Eupatorium rugosum</i>	<i>Actaea pachyloba</i>
<i>Polygonatum pubescens</i>	<i>Festuca obtusa</i>	<i>Adiantum pedatum</i>
<i>Potentilla fruticosa</i>	<i>Fraxinus virginiana</i>	<i>Agrimonia eupatoria</i>
<i>Prunella americana</i>	<i>Galium aparine</i>	<i>Allium tricoccum</i>
<i>Prunella americana</i>	<i>G. obtusifolium</i>	<i>Ambrosia artemisiifolia</i>
<i>Prunella americana</i>	<i>G. concinnum</i>	<i>Anemone pulsatilla</i>
<i>Prunella americana</i>	<i>G. lanceolatum</i>	<i>A. virginiana</i>
<i>Rhus typhina</i>	<i>G. triflorum</i>	<i>Anemone thalictroides</i>
<i>Rhus typhina</i>	<i>Geranium maculatum</i>	<i>Antennaria sp.</i>
<i>Rhus typhina</i>	<i>Gerardia grandiflora</i>	<i>Aquilegia scabra</i>
<i>Ribes americanum</i>	<i>Gum canadense</i>	<i>Asplenium adnigrum</i>
<i>R. cynosbati</i>	<i>Gudera pubescens</i>	<i>Aquilegia canadensis</i>
<i>R. missouriense</i>	<i>Habenaria borealis</i>	<i>Aster nudicaulis</i>
<i>Rosa sp.</i>	<i>Helleborus virginicus</i>	<i>Aster multiflorus</i>
<i>Rubus alleghaniensis</i>	<i>Hemamelis virginiana</i>	<i>Aster lateriflorus</i>
<i>R. occidentalis</i>	<i>Helianthus strumosus</i>	<i>Artemisia strobilifera</i>
<i>R. strigosus</i>	<i>Hepatica acutiloba</i>	<i>Artemisia strobilifera</i>
<i>Sambucus canadensis</i>	<i>Hesperis matronalis</i>	<i>Aster macrophyllus</i>
<i>Sambucus canadensis</i>	<i>Hydrastis canadensis</i>	<i>A. sagittifolius</i>
<i>Sambucus canadensis</i>	<i>Hydrophyllum virginicum</i>	<i>A. shortii</i>
<i>S. marilandica</i>	<i>Hystrix patula</i>	<i>Asplenium filix-lemnia</i>
<i>Sambucus racemosa</i>	<i>Impatiens capensis</i>	<i>Baptisia virginiana</i>
<i>S. stellata</i>	<i>I. pallida</i>	<i>Brachyotum erectum</i>
<i>Sambucus racemosa</i>	<i>Isopyrum heterophyllum</i>	<i>Campanula americana</i>
<i>S. stellata</i>	<i>Lactuca biennis</i>	<i>Carex alburtiana</i>
<i>S. herpoceras</i>	<i>Lactuca canadensis</i>	<i>C. pensylvanica</i>
<i>S. latifolia</i>	<i>Lactuca scariola</i>	<i>Caulophyllum thalictroides</i>
<i>S. latifolia</i>	<i>Lactuca stramonium</i>	<i>Celastrus scandens</i>
<i>S. latifolia</i>	<i>Lactuca stramonium</i>	<i>Cirsium discolor</i>
<i>Thalictrum dioicum</i>	<i>Lactuca stramonium</i>	<i>Cirsium discolor</i>
<i>Tovara virginiana</i>	<i>Matricaria canadensis</i>	<i>Claytonia virginiana</i>
<i>Trillium cernuum</i>	<i>Mentha canadensis</i>	<i>Cornus alternifolia</i>
<i>T. flexipes</i>	<i>Mitella diphylla</i>	<i>C. femina</i>
<i>T. grandiflorum</i>	<i>Monarda fistulosa</i>	<i>C. rugosa</i>
<i>T. recurvatum</i>	<i>Orcadia spectabilis</i>	<i>Corylus americana</i>
<i>Trisetum perfoliatum</i>	<i>Oxypetalum racemosum</i>	<i>Cryptotaenia canadensis</i>
<i>Urtica grandiflora</i>	<i>Osmorhiza clytoma</i>	<i>Cypripedium pubescens</i>
<i>Veronicastrum virginicum</i>	<i>O. longistylis</i>	<i>Cystopteris fragilis</i>
<i>Viburnum acerifolium</i>	<i>Osmunda clytoma</i>	<i>Dentaria laciniata</i>
<i>V. rafinesquianum</i>	<i>Panax quinquefolium</i>	<i>Dioscorea glauca</i>
<i>V. acerifolium</i>	<i>Panicum latifolium</i>	<i>D. nudiflorum</i>
<i>V. acerifolium</i>	<i>Parietaria pennsylvanica</i>	<i>Dioscorea cucularia</i>
<i>V. acerifolium</i>	<i>Parthenocissus inserta</i>	<i>Dioscorea meadia</i>
<i>V. acerifolium</i>	<i>Phlox divaricata</i>	<i>Eryopteris spinulosa</i>
<i>V. acerifolium</i>	<i>Phytolacca americana</i>	<i>Erigeron philadelphicus</i>
<i>Xanthoxylum americanum</i>	<i>Podophyllum peltatum</i>	<i>Erythronium albidum</i>
<i>Zizia aurea</i>	<i>Polemonium reptans</i>	<i>Eupatorium purpureum</i>

Additional species:

Handwritten notes at bottom right corner.