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Site 3530: Ashland County, Township 43N, Range 2W, Section 30. 1952-08-14

[s.l.]: [s.n.], 1952-08-14

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STAND RECORD

FORESTS

Stand No. 3530

Name:

County: Ashland

Date: 8-14-52

Size of Stand:

Forest Type:

Topography: Flat, boggy

Locality:

T: 43 N R: 2 W Sec: 30

Observers: Christensen, Ward, Ware, Bray

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

A second growth stand. Apparently many many large white cedars were cut many years ago. Occasional recent cuttings. White cedar highland with extreme use. Balsam irregularly used. Those under 5 feet used slightly. Alder shows slight use. Spruce slight use.

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

DEPTH

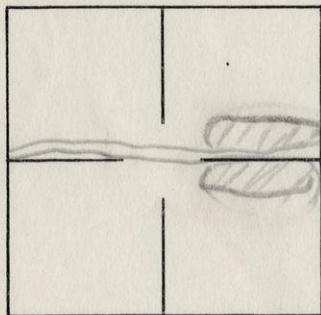
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ = browse presence

Map:



TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3530

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL	F. % TRS	% SUM F. TR.	D. % TRS	DOM% TRS	DFD INDEX	lowland C. I.
			-80	-320	321										
Abies bals	11	12	11	1		319	46	29.11	35	22.5	20.37	15.00	13.37	48.74	146.22 219.33
Acer rubru									10						
A. sacchar															
A. spicatu															
Betula lut									5						
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	3	3	3			50	5	3.16		7.5	5.56	3.75	2.10	11.41	28.53 45.64
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	37	62	59	3		196.8	91	52.59	20	92.5	68.52	77.50	82.48	228.50	457.00 914.00
Ulmus amer															
→ Frax. nig.							1	0.63	20						
U. fulva															
Picea mar.							1	0.63							
Larix lar.	3	3	3			49	10	6.33		7.5	5.56	3.75	2.05	11.36	11.36
Alnus neg							4	2.53	5						
	54	80	76	4	-	2386	158	99.98			100.01	100	100	300.01	643.11 1190.33

AVE. DIST. BTW'N TREES:

$$\frac{495}{40} = 12.38$$

AVE B. A.:

29.83

TREES/ACRE:

328

DOM./ACRE:

9,784

Thuya

31.74 254.2 8068

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3530

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓ 30	✓ 90								20
Acer rubrum			✓							
A. sacchar.										
A. spicatum								✓		
Betula lut.					✓					
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
CORNUS STOLON Quercus ell								✓		
ALNUS Q. rubra							✓			✓
BL. ASIA Lilia amer							✓	1		✓
Tsuga can										
Thuja occ	12	20	2 35	4 40	13 35	60 25	35 20	3 30	35 15	90
Ulmus amer										
RHAMNUS(?) U. fulva							✓			
LARIX	12	3	1							
LEDUM										
CORYLUS										
Distance	15	23	7	7	15 1/2	6	9 1/2	14	14 1/2	8

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3530

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓	✓		✓	✓	✓	✓	✓	
Acer rubrum					✓					
A. sacchar.									✓	
A. spicatum				✓						
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea ^{BLAC} _{glau}										✓
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
^{LEDUM} Tilia amer						✓	✓	✓		✓
Tsuga can										
Thuja occ	20/30	35/40	35/50	25/60	29/25	35/35	25/40	35/20	30/12	20/15
Ulmus amer										
U. fulva		✓						✓		
[✓] CORANUS STROB	✓		✓	✓	✓	✓	✓	✓		
ALNUS										
Distance	10 1/2	8	16	15	7 1/2	9	5	15 1/2	8	14 1/2

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3530 X

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	24 ✓	16 ✓	2	5		17 ✓		1 ✓		1 ✓
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			20		✓		2 ✓		16 ✓	7 ✓
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	20 ✓	19 ✓	14 ✓	2	13 ✓	23 ✓	27 ✓	19 ✓	30 ✓	35 ✓
Ulmus amer										
U. fulva										
Larix		✓		21 ✓						
Juniperus		✓		14 ✓						
Raspberries										
Distance	12	176	14	9	11	13	25-6	11	19	10

over

Salix
Corylus

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3530

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	13	$\frac{14}{3}$	$\frac{4}{3}$	$\frac{21}{3}$	$\frac{40}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{3}$	29
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau				14					$\frac{1}{3}$	$\frac{1}{3}$
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	30		$\frac{20}{35}$	$\frac{1}{60}$	$\frac{120}{113}$	$\frac{20}{15}$	$\frac{13}{3}$	$\frac{13}{22}$	$\frac{13}{25}$	30
Ulmus amer										
U. fulva										
Cornus stolon										
Alnus rug										
Raspberry										
Distance	7-6	12	8	22	16-6	7	13	17	10-6	11

Lecum

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3530
Quadrat No. X

✓ FIR II
✓ BL. ASH IIII
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Athyrum angustum
Botrychium virginianum
Brachyelytrum erectum
Carex ~~albursina~~ ~~intumescens~~ I
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina IIII
Circaea latifolia
Clintonia borealis IIII
Coptis trifolia IIII
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis IIII
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa II
Epifagus virginiana
Epigaea repens

CORNUS STOLON. I
✓ ALNUS I
Fragaria virginiana
Galium lanceolatum
Galium triflorum IIII
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis IIII
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda IIII
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

✓ R. MAPLE
✓ Y. BIRCH
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) IIII
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis IIII
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

CAREX TRISPERMA IIII

DROSERA ROTUND.

SOLIDAGO LANCEOLATA

DRYOPTERIS CRINITA III

LEDUM GREEN. II

Vacc. oxycoccoides

ERIOPHORUM P

CINNA III

GLYCYRRHIZA II

Vacc. macrocarpon

CANTHERA II

VIOLA INCANUTA IIII

SCUTELLARIA

NEMOPANTHES-P

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3530

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3530

Stand No. 3530

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Cirsium altissimum																							
Claytonia caroliniana																							
Claytonia virginica																							
Clematis verticillaris																							
Clintonia borealis	✓																					7	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					13	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																					17	
Cornus foemina																							
Cornus rugosa																							
Corydalis sp.																							
Corylus americana	✓																						
Corylus cornuta																							
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cypripedium acaule	✓																						
Cypripedium parviflorum																							
Cypripedium pubescens																							
Cystopteris fragillis																							
Danthonia spicata																							
Dentaria diphylla																							
Desmodium glutinosum																							
Desmodium nudiflorum																							
Dicentra canadensis																							
Dicentra cucullaria																							
Diervilla lonicera																							
Dirca palustris																							
Dryopteris bootii																							
Dryopteris cristata	✓																					2	
Dryopteris goldiana																							
Dryopteris disjuncta																							
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																					2	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3530

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Fragaria vesca																							
Galium aparine																							
Galium boreale																							
Galium circaezans																							
Galium concinnum																							
Galium lanceolatum																							
Galium triflorum	✓																					9	
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum																							
Gerardia pedicularia																							
Geum canadense	✓																					1	
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							
Goodyera pubescens																							
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americana																							
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula																							
Ilex verticillata																							
Impatiens biflora																							
Impatiens pallida																							
Isopyrum bitermum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum	✓																					6	
Lilium michiganense																							
Linnaea borealis	✓																					9	
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis	✓																					1	
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3530

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3530

Stand No. 3530

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Prenanthes alba</i>																							
<i>Prunella vulgaris</i>																							
<i>Pteretis pensylvanica</i>																							
<i>Pteridium aquilinum</i>																							
<i>Pyrola asarifolia</i>																							
<i>Pyrola elliptica</i>																							
<i>Pyrola minor</i>																							
<i>Pyrola rotundifolia</i>																							
<i>Pyrola secunda</i>																							
<i>Pyrola virens</i>																							
<i>Ranunculus abortivus</i>																							
<i>Ranunculus recurvatus</i>																							
<i>Ranunculus septentrional</i>																							
<i>Rhus radicans</i>																							
<i>Rhus typhina</i>																							
<i>Ribes americanum</i>																							
<i>Ribes cynosbati</i>																							
<i>Ribes lacustre</i>																							
<i>Ribes triste</i>	✓																						1
<i>Rosa</i> sp.																							
<i>Rubus idaeus</i>																							
<i>Rubus parviflorus</i>																							
<i>Rubus hispidus</i>																							
<i>Rubus</i> - blackberry																							
<i>Rubus</i> - dewberry	✓																						12
<i>Rubus</i> - raspberry	✓																						4
<i>Salix</i> sp.	✓																						
<i>Sambucus canadensis</i>																							
<i>Sambucus pubens</i>																							
<i>Sanguinaria canadensis</i>																							
<i>Sanicula gregaria</i>																							
<i>Sanicula marilandica</i>																							
<i>Schizachne purpurascens</i>																							
<i>Scutellaria lateriflora</i>	✓																						1
<i>Senecio aureus</i>																							
<i>Shepherdia canadensis</i>																							
<i>Smilacina racemosa</i>																							
<i>Smilacina stellata</i>																							
<i>Smilax ecirrhata</i>																							
<i>Smilax herbacea</i>																							
<i>Smilax hispida</i>																							
<i>Solidago canadensis</i>	✓																						1
<i>Solidago flexicaulis</i>																							
<i>Solidago ulmifolia</i>																							
<i>Spiraea alba</i>																							
<i>Stellaria longifolia</i>																							
<i>Streptopus amplexifolius</i>																							
<i>Streptopus roseus</i>																							
<i>Symphoricarpos albus</i>																							
<i>Taxus canadensis</i>																							
<i>Thalictrum dioicum</i>																							

NORTHERN PINE-HARDWOODS

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3530

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3530

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3530

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. X
3530

- *Abies balsamea* 1111
 - *Acer rubrum*
Acer saccharum
Acer spicatum
Amelanchier sp.
Betula lutea
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crategeus sp.
Fagus grandiflora
Fraxinus americana
Fraxinus nigra

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
Populus tremuloides
Prunus pennsylvanica
Prunus serotina

Prunus virginiana
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
 - *Thuja occidentalis* 1111
Tilia americana
Tsuga canadensis
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus
Aster prenanthoides
Aster sagittifolius
Aster shortii
Aster umbellatus
Athyrium angustum
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
Brachyelytrum erectum
Bromus purgans
Campanula americana
Carex albursina
Carex pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiogenes hispidula 1111

Circaea alpina
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis 1111
Convolvulus spithameus
Coptis trifolia 1111
Corallorrhiza maculata
Corallorrhiza striata
Cornus alternifolia
Cornus canadensis 1111
Cornus femina
Cornus rugosa
Corylus americana
Corylus cornuta
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
Diervilla lonicera
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Equisetum arvense
Erythronium americanum
Fragaria virginiana
Galium aparine
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
Galium triflorum 1111
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca canadensis
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum 1111
Linnaea borealis 1111
Lonicera canadensis
Lonicera hirsuta
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
Maianthemum canadense

Melampyrum lineare
 Mitchellia repens
 Mitella diphylla
 Mitella nuda //
 Monarda fistulosa
 Moneses uniflora
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Osmunda cinnamomea
 Osmunda claytoniana
 Oxalis montana
 Panax quinquefolia
 Parietaria pennsylvanica
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phyrma leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 Pteretis nodulosa
 Pteridium aquilinum

Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda /
 Ranunculus abortivus
 Ranunculus recurvatus
 Ranunculus septentrionalis
 Rhus radicans
 Rhus typhina
 Ribes americanum
 Ribes cynosbati
 Ribes lacustre
 Ribes triste |
 Rubus idaeus
 Rubus parviflorus
 Rubus hispidus
 Rubus - blackberry
 Rubus - dewberry
 Rubus - raspberry
 Sambucus canadensis
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Schizachne purpurascens
 Scutellaria lateriflora
 Shepherdia canadensis
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata

Smilax herbacea
 Smilax hispida
 Solidago latifolia
 Solidago ulmifolia
 Streptopus amplexifolius
 Streptopus roseus
 Taxus canadensis
 Thalictrum dioicum
 Tiarella cordifolia
 Trientalis borealis ///
 Trillium cernuum
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viburnum affine
 Viburnum lentago
 Viola canadensis
 Viola cucullata
 Viola incognita ///
 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

Euprypedium acaule
 Vac. can - 1
 Cinia arundinacea
 uliginosa
 Solidago
 Epilobium ang.
 Thistle Cirsium nuticum
 Carex tuckermanni
 Anaphalis
 Solidago canadensis
 Carex intum
 Calamagrostis can. ///
 Dryopteris cristata
 Cornus stolon

Onchid?
 Eupatorium mac.
 glandulosum
 Epilobium serrate
 Aster pumilus
 Nemopanthos
 Rhamnus alnifolia
 Vaccinium oxycoccos 6