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Site 3539: Bayfield County, Township 45N, Range 7W, Section 1. 1952-09-04

[s.l.]: [s.n.], 1952-09-04

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STAND RECORD

FORESTS

Stand No. 3539⁶⁶

Name:

Locality:

County: Bayfield

T: 75N. R: 7W Sec: 1

Date: 9-4-52

Observers: Christensen

Size of Stand:

Size of Area Sampled:

Forest Type: Birch-Balsam

Soil Type:

Topography: Undulating with pot holes, upland

Slope:

Directions

Condition of Stand:

Many old large, apparently white pine. Show fire scars.
No other cutting. Balsams heavily used. Broadleaf
forms moderately used.

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

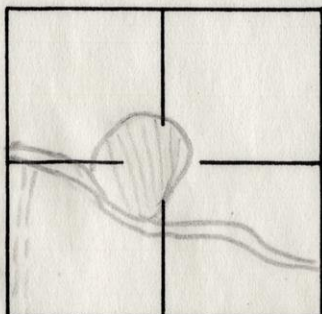
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ = browse presence

Map:



GG
yard

Northern Pine-Hardwoods

Station Number: 3539

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Upland C. I.
			-80	-320	321										
Abies bals	5	5	5			141	12	7.74	30	12.5	8.33	6.25	5.58	20.16	141.12 90.72
Acer rubru	5	5	5			215	15	9.68	75	12.5	8.33	6.25	8.51	23.09	138.54 138.54
A. sacchar	4	5	5			155	22	14.19	60	10.0	6.67	6.25	6.13	19.05	190.50 190.50
A. spicatu	26	41	41			831									
Betula lut	5	6	4	1	1	592	18	11.61	20	12.5	8.33	7.50	23.43	39.26	314.08 214.45
B. papyrif	26	41	41			831	65	41.94	10	65.0	43.33	51.25	32.88	127.46	637.30 637.30
Carpinus c															
Fagus gran															
Ostrya vir	5	5	5			89	13	8.39		12.5	8.33	6.25	3.52	18.10	162.90 179.95
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus							1	1.65	5						
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra	10	13	12	1		504	9	5.81	35	25.0	16.67	16.25	19.94	52.86	377.16 370.02
Tilia amer															
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva															
Fraxing									5						
	60	80	77	2	1	2527	155	100.01			79.99	100	99.99	299.98	1901.60 1893.48

AVE. DIST. BTW'N TREES:

 $\frac{606.5}{40} = 15.16$

AVE B. A.:

31.59

TREES/ACRE:

219

DOM./ACRE:

6,918

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

CG
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STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓	✓	✓		✓	✓			
Acer rubrum	✓	✓	2		✓	13	13	✓	3	✓
A. sacchar.			✓	✓	✓	✓		✓	✓	✓
A. spicatum										
Betula lut.								✓		
B. papyrif	13/14/35	17/16	4/13	2/13	✓	13/14	✓	23/4	12/12	13/30
Carpinus car										
Fagus gran										
Ostrya virg						1				✓
Picea glau										✓
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra			45					18	✓	
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Comfusen	✓	✓	✓		✓				✓	✓
Blackberry										✓
Distance	12	22-6	13-6	11-6	8	11-6	12	12	7	11

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

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STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam				50						
Acer rubrum	✓	✓			✓					
A. sacchar.	✓	50 3	✓	40 2	✓	✓	3	2	✓	15 4
A. spicatum										
Betula lut.				1	$\frac{370}{160}$	25	2	29	7	
B. papyrif	$\frac{13}{18}$ ✓ 4	35	✓				40	✓	$\frac{35}{16}$ ✓ 1	
Carpinus car										
Fagus gran										
Ostrya virg					✓	15		22	2	✓
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra			$\frac{16}{40}$ ✓ 4	1				35		130
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus co		✓		✓				✓	✓	✓
Amelanchier						✓				
Distance	18	22-6	12-6	19-6	27-6	11-6	9	9-6	15	24-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

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STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam					40	2	2	3	13	
Acer rubrum			2	3			✓		✓	✓
A. sacchar.	20 12 4	✓ 2	✓	✓	✓			✓	1	
A. spicatum										
Betula lut.					1	✓	25	✓	13	1
B. papyrif		15	✓ 1 25	2	1	35				
Carpinus car										
Fagus gran										
Ostrya virg		✓ 1						2	16	3 14
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus					1					
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra		17		20 18 40	30		26	4	29 40	
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus cor			✓			✓	✓		✓	✓
Distance	15	12-6	10-6	15	15	20	16-6	17-6	24	14-5

POINT RECORD TREES

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STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓		✓			✓	✓	17	✓
Acer rubrum	130	1	30	✓	✓		29	✓	✓	
A. sacchar.		✓	✓	✓		✓		✓		
A. spicatum										
Betula lut.	2			2	✓					
B. papyrif	14/18	✓	16	12/17	20/23	16/3	✓	18/17	18	40/40
Carpinus car										
Fagus gran										
Ostrya virg	22	2								
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus	✓		✓		✓				✓	✓
Myrica							✓			
Distance	41-4	6-6	20-6	7	11	17-6	18	8	14	14-6

Data Form No. 23

Plant Ecology Research
NORTHERN PINE-HARDWOODS

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[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3539

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	✓																					2	
Comandra richardsiana																							
Comptonia peregrina	✓																						
Convolvulus spithameus																							
Coptis groenlandica																							
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																					1	
Cornus foemina																							
Cornus rugosa																							
Corydalis sp.																							
Corylus americana																							
Corylus cornuta	✓																					10	
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	✓																					1	
Dirca palustris	✓																						
Dryopteris bootii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta																							
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																						
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																						
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

TABULATION FORM

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NORTHERN PINE-HARDWOODS

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STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Lycopodium annotinum	✓																						1
Lycopodium clavatum	✓																						3
Lycopodium complanatum	✓																						
Lycopodium lucidulum																							
Lycopodium obscurum	✓																						7
Lycopodium tristachyum																							
Lycopus americanus																							
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓																						11
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens																							
Mitella diphylla																							
Mitella nuda																							
Monarda fistulosa																							
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis																							
Orchis spectabilis																							
Oryzopsis asperifolia	✓																						9
Oryzopsis racemosa																							
Osmorhiza claytoni																							
Osmunda claytoniana																							
Osmunda cinnamomea																							
Osmunda regalis																							
Oxalis montana																							
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta																							
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phyrma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens	✓																						
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

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PRESENCE LIST

NORTHERN PINE-HARDWOODS

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~~Abies balsamea~~ ~~Abies balsamea~~
~~Acer rubrum~~ ~~Acer rubrum~~
~~Acer saccharum~~ ~~Acer saccharum~~
 Acer spicatum
~~Amelanchier sp.~~
~~Betula lutea~~
~~Betula papyrifera~~
 Caprinus caroliniana
 Carya cordiformis
 Crataegus 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
 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

Circaea alpina
 Circaea latifolia
 Claytonia caroliniana
 Claytonia virginiana
~~Clintonia borealis~~
 Convolvulus spithameus
 Coptis trifolia
 Corallorrhiza maculata
 Corallorrhiza striata
 Cornus alternifolia
 Cornus canadensis
 Cornus femina
 Cornus rugosa
 Corylus americana
 Corylus cornuta
 Cryptotaenia canadensis
 Cypridium acaule
 Cypridium 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
 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
 Linnaea borealis
~~Lonicera canadensis~~
 Lonicera hirsuta
 Lonicera oblongifolia
 Lonicera prolifera
 Luzula multiflora
~~Lycopodium annotinum~~
~~Lycopodium clavatum~~
~~Lycopodium complanatum~~
 Lycopodium lucidulum
 Lycopodium obscurum
 Lycopodium tristachyum
 Lycopodium americanus
 Lycopodium 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

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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:

Muhl. may
 Carex tri ~~||~~
 Var. ca.
 Borage Cynoglossum boreale
~~Heisteria yellow~~ Heisteria scabrum
 ? Dentate rosette
 Linna
 Carex projecta