



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 6097 (Boreal Stand 97): 10 miles N, Parry Sound, Hy 69, [Ontario]. 1956-09-14

[s.l.]: [s.n.], 1956-09-14

<https://digital.library.wisc.edu/1711.dl/HYED3SIWTUZAM8Y>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No.

Name:

County:

Date:

Size of Stand

Forest Type:

Topography:

Locality:

T:

R:

Sec:

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

Open Grown Trees:

Stumps:

1.

4.

7.

10.

2.

5.

8.

11.

3.

6.

9.

12.

% Canopy:

Soil Data:

pH

N

P

K

Ca

Mg

Org. Mat.

Colloids

W.H.C.

A₀

A₁

A₂

B

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀

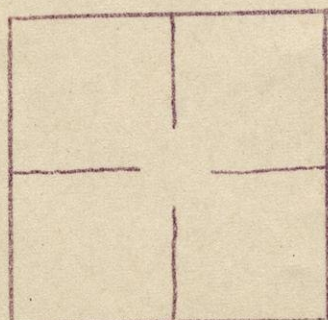
A₁

A₂

B

Parent Material:

Map:



97

Location 10 miles N. Perry Sound on Hy 69
 Stand on slight E. facing slope on large boulders.

Size - about 10 acres

Wet mesic site.

Considerable blowdown by wind of balsam.

Predominantly balsam, birch & aspen with scattered Ws. & Wp

Regeneration - some Ab but mainly sugar maple - heavy sugar maple & r. maple.

Ground cover - abundant Aralia, Bracken, Tiarella,

Profile $\frac{1}{2}$ " litter-lign.

1-1 $\frac{1}{2}$ " - black humus

1-1 $\frac{1}{2}$ " - grey black.

10" red brown silty sand.

Young stand

Previously logged & burned.

September 14, 1956

Plant Ecology Research
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number:

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.
			-80	-320	321										
Abies bals															
Acer rubru															
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva															

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

Data Form No. 84a
TABULATION FORM

Plant Ecology Research
SPRUCE - FIR, SPRUCE - FIR MIXED HARDWOODS

University of Wisconsin
STAND NO. 97

	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<u>Achillea millefolium</u>																							
<u>Actaea pachypoda</u>																							
<u>Actaea rubra</u>																							
<u>Adiantum pedatum</u>																							
<u>Agastache foeniculum</u>																							
<u>Agrimonia gryposepala</u>	✓																						
<u>Agrostis perennans</u>																							
<u>Allium tricoccum</u>																							
<u>Alnus crispa</u>																							
<u>Alnus rugosa</u>																							
<u>Amphicarpa bracteata</u>																							
<u>Anaphlis margaritacea</u>																							
<u>Anemone canadensis</u>																							
<u>Anemone cylindrica</u>																							
<u>Anemone quinquefolia</u>																							
<u>Anemone virginiana</u>																							
<u>Antennaria spp.</u>																							
<u>Apocynum androsaemifolium</u>																							
<u>Aquilegia canadensis</u>																							
<u>Aralia hispida</u>																							
<u>Aralia nudicaulis</u>	✓																						
<u>Aralia racemosa</u>																							
<u>Arctostaphylos uva-ursi</u>																							
<u>Arenaria lateriflora</u>																							
<u>Arisaema atropurpureum</u>	✓																						
<u>Asarum canadense</u>																							
<u>Asclepias exaltata</u>																							
<u>Aster acuminatus</u>																							
<u>Aster ciliolatus</u>																							
<u>Aster furcatus</u>																							
<u>Aster lateriflorus</u>																							
<u>Aster macrophyllus</u>																							
<u>Aster nova-angliae</u>																							
<u>Aster paniculatus</u>																							
<u>Aster puniceus</u>																							
<u>Aster sagittifolius</u>																							
<u>Aster umbellatus</u>																							
<u>Athyrium filix-femina</u>	✓																						
<u>Athyrium thelypteroides</u>																							
<u>Botrychium lanceolatum</u>																							
<u>Botrychium lunaria</u>																							
<u>Botrychium matricariaefolium</u>																							
<u>Botrychium multifidum</u>																							
<u>Botrychium virginianum</u>																							
<u>Brachyelytrum erectum</u>	✓																						
<u>Caltha palustris</u>																							
<u>Calypso bulbosa</u>																							
<u>Campanula rotundifolia</u>																							
<u>Carex arctata</u>	✓																						
<u>Carex aurea</u>																							
<u>Carex brunnescens</u>																							
<u>Carex canescens</u>																							

[illegible]

[illegible]

[illegible]

[illegible]

Podophyllum peltatum	
Polygala paucifolia	
Polygonatum biflorum	
Polygonatum pubescens	✓
Polygonum cilinode	
Polymnia canadensis	
Polypodium virginianum	
Potentilla canadensis	
Potentilla norvegica	
Potentilla simplex	
Potentilla tridentata	
Prenanthes alba	✓
Primula mistassinaca	
Prunella vulgaris	
Prunus pumila	
Pteretis pensylvanica	
Pteridium aquilinum	✓
Pyrola asarifolia	
Pyrola elliptica	✓
Pyrola grandiflora	
Pyrola minor	
Pyrola rotundifolia	
Pyrola secunda	✓
Pyrola virens	
Pyrus floribunda	
Pyrus melanocarpa	
Ranunculus abortivus	
Ranunculus acris	
Ranunculus pensylvanicus	
Ranunculus recurvatus	
Ranunculus repens	
Ranunculus septentrionalis	
Rhamnus alnifolia	
Rhus glabra	
Rhus radicans	
Rhus typhina	
Rhus vernix	
Ribes americanum	
Ribes cynosbati	
Ribes glandulosum	✓
Ribes hirtellum	
Ribes lacustre	
Ribes oxycanthoides	
Ribes triste	✓
Rosa sp.	
Rubus allegheniensis	
Rubus idaeus	✓
Rubus hispidus	
Rubus odoratus	
Rubus parviflorus	
Rubus pubescens	✓
Rubus (blackberry)	✓

[illegible]

[illegible]

[illegible]

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 99

TREES

- ✓ *Abies balsamea*
- Acer pensylvanicum*
- ✓ *Acer rubrum*
- ✓ *Acer saccharum*
- ✓ *Acer spicatum*
- ✓ *Amelanchier* spp.
- Betula lutea*
- ✓ *Betula papyrifera*
- Carpinus caroliniana*
- Crataegus* spp.
- Fagus grandifolia*
- Fraxinus americana*

- ✓ *Fraxinus nigra*
- Fraxinus pennsylvanicum*
- Larix laricina*
- ✓ *Ostrya virginiana*
- ✓ *Picea glauca*
- Picea mariana*
- Pinus banksiana*
- Pinus resinosa*
- ✓ *Pinus strobus*
- Populus balsamifera*
- ✓ *Populus grandidentata*
- ✓ *Populus tremuloides*

- Prunus nigra*
- Prunus pensylvanica*
- Prunus serotina*
- ✓ *Prunus virginiana*
- Pyrus americana*
- Pyrus decora*
- ✓ *Quercus rubra* var. *borealis*
- Thuja occidentalis*
- Tilia americana*
- Tsuga canadensis*
- ✓ *Ulmus americana*
- Ulmus rubra*

SHRUBS

- Alnus crispa*
- Alnus rugosa*
- Arctostaphylos uva-ursi*
- Celastrus scandens*
- Chamaedaphne calyculata*
- Comptonia peregrina*
- ✓ *Cornus alternifolia*
- Cornus racemosa*
- Cornus rugosa*
- ✓ *Cornus stolonifera*
- Corylus americana*
- ✓ *Corylus cornuta*
- ✓ *Diervilla lonicera*
- Dirca palustris*
- Empetrum nigrum*
- Gaylussaccia baccata*
- Hamamelis virginiana*
- Ilex verticillata*
- Juniperus communis*
- Juniperus horizontalis*
- Ledum groenlandicum*
- ✓ *Lonicera canadensis*
- Lonicera dioica*

- ✓ *Lonicera hirsutum*
- Lonicera involucrata*
- Lonicera oblongifolia*
- Lonicera villosa*
- Parthenocissus quinquefolia*
- Parthenocissus vitacea*
- Prunus pumila*
- Pyrus melanocarpa*
- Rhamnus alnifolia*
- Rhus glabra*
- Rhus typhina*
- Ribes americanum*
- Ribes cynosbati*
- ✓ *Ribes glandulosum*
- Ribes hirtellum*
- Ribes lacustre*
- Ribes oxyacanthoides*
- ✓ *Ribes triste*
- Rosa* sp.
- Rubus allegheniensis*
- ✓ *Rubus* (blackberry)
- ✓ *Rubus* (dewberry)
- ✓ *Rubus* (raspberry)

- ✓ *Rubus idaeus*
- Rubus parviflorus*
- Salix* sp.
- Sambucus canadensis*
- ✓ *Sambucus pubens*
- Shepherdia canadensis*
- Smilax tamnoides* var. *hispida*
- Spiraea alba*
- Spiraea latifolia*
- Symphoricarpos albus*
- Symphoricarpos occidentalis*
- Taxus canadensis*
- Vaccinium angustifolium*
- Vaccinium myrtilloides*
- Vaccinium vitis-idaea*
- Viburnum acerifolium*
- ✓ *Viburnum cassinoides*
- Viburnum edule*
- Viburnum lentago*
- Viburnum rafinesquianum*
- ✓ *Viburnum trilobum*
- Vitis vulpina*
- Zanthoxylum americanum*

HERBS

- Achillea millefolium*
- Actaea pachypoda*
- Actaea rubra*
- Adiantum pedatum*
- ✓ *Agrimonia gryposepala*
- Agrostis perennans*
- Allium tricoccum*
- Amphicarpa bracteata*
- Anaphlis margaritacea*
- Anemone canadensis*
- Anemone cylindrica*
- Anemone quinquefolia*
- Anemone virginiana*
- Antennaria* sp.
- Apocynum androsaemifolium*
- Aquilegia canadensis*
- ✓ *Aralia nudicaulis*
- Aralia racemosa*
- ✓ *Arisaema atrorubens*
- Asarum canadense*
- Asclepias exaltata*
- Aster furcatus*
- Aster macrophyllus*
- Aster nova-angliae*
- Aster paniculatus*

- Aster puniceus*
- Aster sagittifolius*
- Aster umbellatus*
- ✓ *Athyrium filix-femina*
- Athyrium thelypteroides*
- Botrychium lunaria*
- Botrychium matricariaefolium*
- Botrychium multifidum*
- Botrychium virginianum*
- Calypso bulbosa*
- Campanula rotundifolia*
- ✓ *Carex arctata*
- Carex intumescens*
- Carex pensylvanica*
- Carex woodii*
- Carex* spp.
- Chimaphila umbellata*
- Chrysanthemum leucanthemum*
- Chrysosplenium americanum*
- Cinna latifolia*
- Circaea alpina*
- Claytonia caroliniana*
- Claytonia virginiana*
- Clematis virginiana*
- Clematis verticillaris*

- ✓ *Clintonia borealis*
- Comandra richardsiana*
- Comandra umbellata*
- ✓ *Coptis groenlandicum*
- Corallorhiza maculata*
- Corallorhiza striata*
- Corallorhiza trifida*
- ✓ *Cornus canadensis*
- Corydalis sempervirens*
- Cynoglossum officinale*
- Cypripedium acaule*
- Cypripedium calceolus* var. *pubescens*
- Cystopteris fragilis*
- Dalibarda repens*
- Desmodium glutinosum*
- Dicentra canadensis*
- Dicentra cucullaria*
- Dryopteris cristata*
- ✓ *Dryopteris disjuncta*
- Dryopteris goldiana*
- ✓ *Dryopteris marginalis*
- Dryopteris phegopteris*
- ✓ *Dryopteris spinulosa*

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

S-97

Epigaea repens
Epilobium angustifolium
Epilobium glandulosum
Epilobium strictum
Equisetum pratense
Equisetum sylvaticum
Erigeron annuus
Erigeron philadelphicus
Erigeron strigosus
Erythronium albidum
Erythronium americanum
Fragaria vesca
Fragaria virginiana
Galium aparine
Galium boreale
Galium concinnum
Galium lanceolatum
Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana andrewsii
Gentiana crinata
Gentiana quinquefolia
Geocaulon lividum
Geranium bicknellii
Geranium maculatum
Geum rivale
Goodyera repens
Goodyera tessellata
Habenaria hyperborea
Habenaria orbiculata
Habenaria psycodes
Habenaria viridis
Halenia deflexa
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium aurantiacum
Hieracium canadense
Hieracium scabrum
Impatiens capensis
Iris lacustris
Isopyrum biternatum
Lathyrus ochroleucus
Linnaea borealis
Lobelia inflata
Lycopodium annotinum
Lycopodium clavatum
Lycopodium clavatum var. megastachyon
Lycopodium complanatum
Lycopodium inundatum

Lycopodium lucidulum
Lycopodium obscurum
Lycopodium obscurum var. dendroideum
Lycopodium selago
Lycopodium tristachyum
Lysimachia ciliata
Lysimachia quadrifolia
Lysimachia terrestris
Maianthemum canadense
Malaxis unifolia
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla
Mitella nuda
Moneses uniflora
Monotropa hypopithys
Monotropa uniflorus
Onoclea sensibilis
Orchis spectabilis
Osmorhiza claytoni
Osmorhiza longistylis
Osmunda cinnamomea
Osmunda claytoniana
Oxalis montana
Oxalis stricta
Panax quinquefolius
Panax trifolius
Petasites palmatus
Phlox divaricata
Poa compressa
Poa pratensis
Polygala paucifolia
Polygonatum biflorum
Polygonatum pubescens
Polymnia canadensis
Polypodium virginianum
Potentilla norvegica
Potentilla simplex
Potentilla tridentata
Prenanthes alba
Primula mistassinica
Prunella vulgaris
Pteridium aquilinum
Pyrola asarifolia
Pyrola elliptica
Pyrola minor
Pyrola rotundifolia
Pyrola secunda
Pyrola virens
Ranunculus abortivus

Ranunculus acris
Ranunculus pensylvanicus
Ranunculus recurvatus
Ranunculus repens
Ranunculus septentrionalis
Rhus radicans
Rubus pubescens
Sanguinaria canadensis
Sanicula marilandica
Satureja vulgaris
Schizachne purpurascens
Scutellaria epilobiifolia
Scutellaria lateriflora
Smilacina racemosa
Smilacina stellata
Smilacina trifolia
Smilax herbacea
Solidago canadensis
Solidago flexicaulis
Solidago graminifolia
Solidago ulmifolia
Stellaria calycantha
Streptopus amplexifolius
Streptopus roseus
Taraxacum officinale
Thalictrum dioicum
Thalictrum polygamum
Tiarella cordifolia
Trientalis borealis
Trillium cernuum
Trillium erectum
Trillium grandiflorum
Trillium undulatum
Uvularia grandiflora
Uvularia sessilifolia
Vicia americana
Viola adunca
Viola blanda
Viola canadensis
Viola conspersa
Viola cucullata
Viola incognita
Viola nephrophylla
Viola pallens
Viola papilionacea
Viola pubescens
Viola renifolia
Viola selkirkii
Viola sororia
Waldsteinia fragarioides

Additional species

Equisetum arvense v *boreale*
Brachyelytrum erectum
Mugo
Lichen
Carex pedunculata
Viola sp. = *incognita* ✓
Woodwardia ilvensis ?
Milium effusum

Lichen
C. comocraea
C. frondosa