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Site 6102 (Boreal Stand 102): Allenville, Mackinac County, Michigan, Township 43N, Range 3W, Section 1. 1956-09-17

[s.l.]: [s.n.], 1956-09-17

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No.

Name:

Locality:

County:

T:

R:

Sec:

Date:

Observers:

Size of Stand

Size of Area Sampled:

Forest Type:

Soil Type:

Topography:

Slope:

Directions

Condition of Stand:

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									

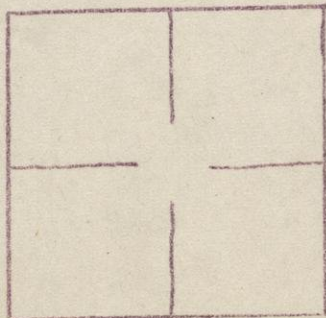
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



Allenville
S 102 17 miles N. St. Ignace, 2 mi N. Mich 134 Junc. with Hy 2

[6102]

Sept. 17, 1956

20 miles N. Straits Mackinac on Hy 2 Mackinac Co 43N-3W-1

Wet-Misc Site

Shrub Layer - *Sorbus*, *Acer. spic.*, *Acer penn.*, *Cornus*

Reproduction - all balsam - abundant - solid understory

Type - Ab, To, Ws, Pba, Wb

Herb Layer - *Aster macro.*, *Cornus*, *Pelastem.*, *Goodyera dec.*, *Aster ludleyanus*, *Linnaea*

Size - 20 acres

young stand - 25-30 yrs - Previously logged & burned.

Moss layer abundant everywhere

Soil Profile $\frac{1}{4}$ litter - needles.

$\frac{1}{2}$ black humus.

2" leached - red brown slight.

7" brown silty sand

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. 102

[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. 102

TREES

✓ *Abies balsamea*
 ✓ *Acer pensylvanicum*
 ✓ *Acer rubrum* *seedlings*
 ✓ *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 oxycanthoides
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 grypsossepala
Agrostis perennans
Allium tricoccum
Amphicarpa bracteata
 ✓ *Anaphalis 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

5-102

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 americanum
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 mistassinaca
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

Mosses
Lichens
Aster lindleyanus
Goodyera decipiens
Carex pedunculata
Equisetum scirpoides
Senecio aureus
Aster laevis
Equisetum arvense v. boreale

Lilium michiganense
Dryopteris repens
Fall-leaved Habenaria

C. sanguifera
C. gracile
C. cornocarpa
Althaea sp.
C. cristatella
C. lilce fimbriata - Aquat
C. fimbriata