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Site 3165: Hemlock Trail, Wildcat Mountain, Vernon County. 1952-06-16

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 50A

Name: Wildcat Mountain Hemlocks

Locality: Wildcat Mountain State Park (east of Saunders) Picnic Area

County: Vernon

T: 14 N

R: 2 W

Sec: NW SE 14

Date: 6/16/52

Observers: JTC

Size of Stand: 60 acres

Size of Area Sampled: 10 acres

Forest Type: Hemlock-Hardwoods

Soil Type:

Topography: Steep, driftless area - ravines & hills

Slope:

Directions α

Condition of Stand:

Blue Beech
Ironwood
Hemlock
Basswood
White Pine
Sugar Maple
Butternut

Bitt. Hickory
Spr. Elm
White Birch
Red Oak
Tremb. Aspen

White Oak
Yellow Birch

Hemlock reproduction

Open Grown Trees: No

% Canopy:

Stumps: No

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									

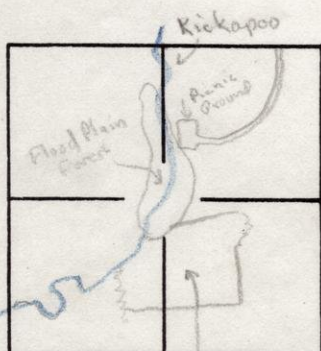
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



Hemlock-Hardwoods

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 52A
Quadrat No.

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

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

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

Additional species:

✓ *Sullivantia renifolia*

out → *Nertansia virginiana* - on river bank
 [Adoxa should be found here]
 [as it is upstream about 1 mile]

Presence List

(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No. 52A

Locality: Wildcat Mountain

County: Vernon

Sec: NW SE T: 14N R: 2W

Date: 6/16/52

Observers: JTC

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Size of Stand:

Size of Area Sampled:

Condition of Stand: Excellent, especially at east end

Type: Hemlock-Hardwood

Acalypha rhomboidea

✓ Agastache scrophul.

Allium canadense

Amorpha canescens

Anaphalis margarit.

Anemone cylindrica

Arabis canadensis

A. laevigata

A. lyrata

A. perstellata

Aralia pispida

Arisaema dracont.

Asclepias ovalif.

A. exaltata

Aster azureus

A. simplex

A. prenanthoides

Athyrium thelypter.

Boehmeria cylindr.

Botrychium multif.

Bromus purgans

Camosorus rhizop.

Carex convoluta

Ceanothus americ.

Chimaphila umbell.

Cirsium altissim.

Clematis virgin.

Clintonia boreal.

Comandra umbellata

Conopholis americ.

Corallorrhiza mac.

Corydalis semperv.

Cynoglossum offic.

Cystopteris bulbif.

Desmodium cuspidatum

D. canadense

Dicentra canad.

Diervilla lonicera

Dioscorea villosa

Dirca palustris

✓ Elymus villosus

Epifagus virgin.

Erigeron philadel.

Erythronium americ.

Evonymus atropur.

Floerkea prosperp.

Fragaria vesca

Galium boreale

Gaultheria procumb.

Gaylussacia baccata

Gentiana quinquef.

Geum virginianum

Hedeoma hispida

Hepatica americana

Heracleum maximum

Hieracium canad.

H. scabrum

Hydrophyllum append.

Hypoxis hirsuta

Ilex verticillata

Juncus tenuis

Juniperus communis

J. virginiana

Krigia biflora

Lathyrus venosus

Lilium philadel.

Liparis liliifolia

Lobelia cardinalis

Lonicera dioica

L. hirsuta

Luzula acuminata

L. multiflora

Lysimachia ciliata

L. hybrida

Milium effusum

Mitchella repens

Monotropa uniflora

Oenoclea sensibilis

Oryzopsis asperif.

✓ Osmunda cinnamomea

Oxalis violacea

Panax trifolium

Paronychia canad.

Pedicularis canad.

Physocarpus opul.

Phytolacca americana

Pilea pumila

Polymnia canad.

Polypodium vulgare

Prunella vulgaris

Pteretis pensylvanica

Pyrus coronaria

P. ioensis

Ranunculus fascicul.

R. rhomboideus

Rhus glabra

R. typhina

Rubus hispidus

R. pubescens

Rudbeckia laciniata

Salix sp.

Sambucus pubens

Saxifraga pennsylv.

Scrophularia lan.

S. marilandica

Senecio pauperculus

Silene stellata

Solanum nigrum

Solidago speciosa

Staphylea trifolia

Streptopus roseus

Symplocarpus foet.

Taenidia integerr.

Taxus canadensis

Thalictrum dasycarp.

Thaspium aureum

Tradescantia ohio.

Uvularia sessilif.

Vaccinium myrtilloides

Veronica serpyllif.

✓ Viburnum lentago

V. trilobum

Vicia americana

Viola conspersa

V. incognita

Wulfenia bullii

Additional Species: