



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Site 3567: Kewaunee County, Township 23N, Range 23E, Section 25; Township 23N, Range 24E, Section 30. 1953-06-16**

[s.l.]: [s.n.], 1953-06-16

<https://digital.library.wisc.edu/1711.dl/4PQ7LHUPOSRRV8D>

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.

STAND RECORD

FORESTS

Stand No. 3567

Name: *Kewaunee* Locality: 23 E — 25  
 County: *Kewaunee* T: 23N R: 24E Sec: 30  
 Date: *6-16-53* Observers: *Christensen* Size of Area Sampled: *20 acres*  
 Size of Stand: \_\_\_\_\_ Soil Type: \_\_\_\_\_  
 Forest Type: *Elm-hemlock-maple* Slope: \_\_\_\_\_ Directions: \_\_\_\_\_  
 Topography: *streamside undulating*  
 Condition of Stand: *slightly with low pockets with water*  
*A fine second growth. Undisturbed for many years. Little blow down. Some cutting last year in NE corner. hemlock + white cedar. Many large old stumps. Canopy complete.*  
*Deer wintered here last winter. Traps scarce, but short heavy browsing. Deer spruce + some Thuja's short slight browsing. Little deer food, but was also light.*  
 Open Grown Trees: *A deer trail + deer trail* % Canopy: *were observed.*

- 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 <sub>0</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>1</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>2</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

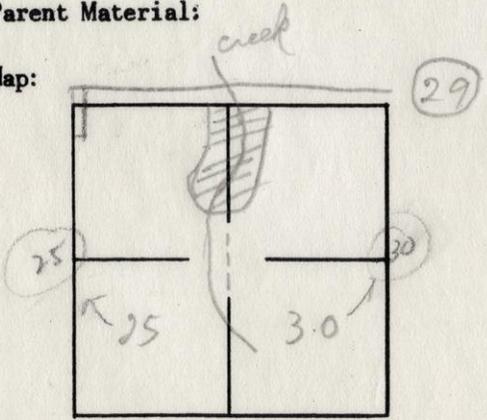
DEPTH CHARACTERISTICS (Color, Texture, Structure, etc.)

A<sub>0</sub> \_\_\_\_\_  
 A<sub>1</sub> \_\_\_\_\_  
 A<sub>2</sub> \_\_\_\_\_  
 B \_\_\_\_\_

Parent Material:

Map:

39 points  
20 quads.



X = browse presence

Northern Pine-Hardwoods

Station Number: 3567

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	P														
Acer rubru	9	10	9	1		731	12	8.33	15	23.1	9.09	6.41	5.62	21.12	147.84 126.72
A. sacchar	15	35	27	8		2376	37	25.69	15	38.5	15.15	22.43	18.26	55.84	558.40 558.40
A. spicatu							1	0.69							
Betula lut	13	16	11	5		1424	6	4.17		33.3	13.13	10.26	10.94	34.33	223.15 257.47
B. papyrif															
Carpinus c															
Fagus gran	3	3	2	1		419			5	7.7	3.03	1.92	3.22	8.17	81.70 81.70
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinus															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer	3	3		2	1	1240	1	0.69		7.7	3.03	1.92	9.53	14.48	101.36 123.08
Tsuga cana	14	20	15	5		1319	27	18.74		35.9	14.14	12.82	10.14	37.10	278.25 315.35
Thuja occi	10	17	14	3		1231	12	8.33		25.6	10.10	10.90	9.46	30.46	60.92 121.84
Ulmus amer	16	29	19	9	1	2752	25	17.36		41.0	16.16	18.59	21.15	55.90	279.50 307.45
U. fulva															
Frax nigra	15	22	16	6		1391	20	13.89	50	38.5	15.15	14.10	10.69	39.94	179.73 199.70
Coryalod	1	1		1		130				2.6	1.01	0.64	1.00	2.65	19.88 21.70
Prunus vir							3	2.08							
	99	156	113	41	2	13013	144	79.97			99.99	99.99	100.01	999.99	1930.73 2112.91

29.00

JTC

83.42









POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3567

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum			14							
A. sacchar.			300	18	14	19	13	30	17	4
A. spicatum								60	14	
Betula lut.					35	200				
B. papyrif										
Carpinus car										
Fagus gran				280						
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer			160						100 880	
Tsuga can		27	2	110		95	70	25	3	16
Thuja occ						190				2
Ulmus amer						60				170
U. fulva										35
Frax nigra	29	2	50	35						26
Rasp										210
Samb. can										150
Ribes am										
Distance										

Carya cordiformis

180 130



## HERB FREQUENCY

## NORTHERN PINE-HARDWOODS

Stand No. 3567  
Quadrat No. 1-10Fraxinosa 245678  
Acer rubra 346

Acer sacct 10

Actaea pachypoda

Actaea rubra .

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia 15

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina 1

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

Carex (1) 12

Fragaria virginiana

Galium lanceolatum

Galium triflorum

Gaultheria procumbens 17

Gaylussacia baccata

Geranium maculatum

Geum canadense 1

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora

Linnaea borealis 1

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense 234567

Mitchella repens

Mitella diphylla 5

Mitella nuda 5

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 4

Lycopus am 15

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) 5

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus 6

Taxus canadensis

Thalictrum dioicum

Trientalis borealis 2

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Ranunculus abortivus 5  
9 - none

## HERB FREQUENCY

## NORTHERN PINE-HARDWOODS

Stand No. 3587  
Quadrat No. 15-20✓ *Fagus* 2  
✓ *Fraxinifera* X

Actaea pachypoda  
 Actaea rubra  
 Adiantum pedatum  
 Allium tricoccum  
 Anemone quinquefolia  
 Aquilegia canadensis  
 Aralia nudicaulis  
 Aralia racemosa  
 Arisaema atrorubens  
 Aster macrophyllus  
 Aster sagittifolius  
 Athyrium angustum  
 Botrychium virginianum  
 Brachyelytrum erectum  
 Carex albursina  
 Caulophyllum thalictroides 13  
 Chimaphila umbellata  
 Circaea alpina  
 Circaea latifolia  
 Clintonia borealis  
 Coptis trifolia  
 Corallorrhiza maculata  
 Cornus alternifolia  
 Cornus canadensis  
 Cornus rugosa  
 Corylus americana  
 Corylus cornuta  
 Cyripedium acaule  
 Diervilla lonicera  
 Dirca palustris  
 Dryopteris linnaeana  
 Dryopteris phegopteris  
 Dryopteris spinulosa 4  
 Epifagus virginiana  
 Epigaea repens

*Dryopteris cretata* 1235  
*Dryopteris* 2  
*Scutellaria* 4  
*caliciflora*

Fragaria virginiana  
 Galium lanceolatum 2  
 Galium triflorum 345  
 Gaultheria procumbens  
 Gaylussacia baccata  
 Geranium maculatum  
 Geum canadense 1  
 Gnaphalium obtusifolium  
 Helianthemum sp.  
 Helianthus strumosus  
 Hepatica acutiloba 4  
 Hepatica americana  
 Impatiens biflora 345  
 Linnaea borealis  
 Lonicera oblongifolia  
 Lupinus perennis  
 Lycopodium annotinum  
 Lycopodium complanatum  
 Lycopodium lucidulum  
 Lycopodium obscurum  
 Lysimachia quadrifolia  
 Maianthemum canadense 3  
 Mitchella repens  
 Mitella diphylla 25  
 Mitella nuda  
 Monotropa uniflora  
 Myrica asplenifolia  
 Onoclea sensibilis 15  
 Oryzopsis asperifolia 2  
 Osmorhiza claytoni  
 Oxalis montana  
 Phryma leptostachya  
 Polygala pauciflora  
 Polygonatum commutatum  
 Polygonatum pubescens 2

*Laportea* 13  
*Pteris* 35  
*Lycopodium am* 4

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) 13  
 Sambucus pubens  
 Sanguinaria canadensis  
 Sanicula gregaria  
 Smilacina racemosa  
 Smilacina stellata  
 Smilax ecirrhata  
 Solidago ulmifolia  
 Streptopus roseus  
 Taxus canadensis  
 Thalictrum dioicum 3  
 Trientalis borealis  
 Trillium grandiflorum  
 Uvularia grandiflora  
 Uvularia sessilifolia  
 Vaccinium angustifolium  
 Vaccinium pennsylvanicum  
 Viburnum acerifolium  
 Viola canadensis  
 Viola cucullata  
 Viola pallens  
 Viola pubescens  
 Waldsteinia fragarioides

*Viola* 1234  
*Epilobium angustifolium* 5

## HERB FREQUENCY

## NORTHERN PINE-HARDWOODS

Stand No. 3567

Quadrat No. 11-15

✓ *Acta sacch* 124  
 ✓ *Trox nipa* 345

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa 245

Epifagus virginiana

Epigaea repens

Caltha pal 3

Elycena strata 3

Carex (1) 5

Fragaria virginiana

Galium lanceolatum

Galium triflorum

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 35

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda 5

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis 35

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Laportea 35

Lycopus an 4

Lycopodium vir. 4

Scutellaria 5

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) 5

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum

Trientalis borealis

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides



















## PRESENCE LIST

## NORTHERN PINE-HARDWOODS

STAND NO. 3567

Abies balsamea  
 Acer rubrum  
 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 *seedling*  
 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 hispida

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  
 Cyripedium acaule  
 Cyripedium 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

3567

- |                          |                            |                          |
|--------------------------|----------------------------|--------------------------|
| Melampyrum lineare       | Pyrola elliptica           | Smilax herbacea          |
| ✓ Mitchellia repens      | Pyrola rotundifolia        | Smilax hispida           |
| Mitella diphylla         | Pyrola secunda             | Solidago latifolia       |
| Mitella nuda             | Ranunculus abortivus       | Solidago ulmifolia       |
| Monarda fistulosa        | Ranunculus recurvatus      | Streptopus amplexifolius |
| Moneses uniflora         | Ranunculus septentrionalis | ✓ Streptopus roseus      |
| Monotropa uniflora       | Rhus radicans              | ✓ Taxus canadensis       |
| Myrica asplenifolia      | Rhus typhina               | ✓ Thalictrum dioicum     |
| Onoclea sensibilis       | Ribes americanum           | Tiarella cordifolia      |
| Oryzopsis asperifolia    | Ribes cynosbati            | Trientalis borealis      |
| Osmorhiza claytoni       | ✓ Ribes lacustre           | Trillium cernuum         |
| ✓ Osmunda cinnamomea     | ✓ Ribes triste             | Trillium grandiflorum    |
| Osmunda claytoniana      | Rubus idaeus               | ✓ Uvularia grandiflora   |
| Oxalis montana           | Rubus parviflorus          | Uvularia sessilifolia    |
| Panax quinquefolia       | Rubus hispidus             | Vaccinium angustifolium  |
| Parietaria pennsylvanica | Rubus - blackberry         | Vaccinium pennsylvanicum |
| Parthenocissus vitacea   | Rubus - dewberry           | Viburnum acerifolium     |
| Pedicularis lanceolata   | Rubus - raspberry          | Viburnum affine          |
| Phyrma leptostachya      | Sambucus canadensis        | Viburnum lentago         |
| Podophyllum peltatum     | Sambucus pubens            | Viola canadensis         |
| Polemonium reptans       | Sanguinaria canadensis     | Viola cucullata          |
| Polygala pauciflora      | Sanicula gregaria          | Viola incognita          |
| Polygonatum commutatum   | Schizachne purpurascens    | Viola pallens            |
| Polygonatum pubescens    | Scutellaria lateriflora    | Viola pubescens          |
| Potentilla simplex       | Shepherdia canadensis      | Vitis aestivalis         |
| Prenanthes alba          | ✓ Smilacina racemosa       | ✓ Vitis riparia          |
| ✓ Pteretis nodulosa      | ✓ Smilacina stellata       | Waldsteinia fragarioides |
| Pteridium aquilinum      | Smilax ecirrhata           | Zanthoxylum americanum   |

## Additional Species:

*Solanum elaeagnifolium*  
*Aster puniceus*  
*Ornithoglossum virginicum*  
*Prenanthes alba*  
*Carex triperma*