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STAND RECORD

FORESTS

Stand No. 2026

Name: ADEL
County: SHEBOYGAN

Locality:

T: 13N R: 21E Sec: NESW 11

Date: 6-10-52

Observers: WARD, WARE, DIX

Size of Stand: 60A. - SOME LOWLAND

Size of Area Sampled: 15A

Forest Type: MAPLE - BEECH

Soil Type:

Topography: FEW IRREGULARITIES - SLOPES
SLIGHTLY TO SOUTH -

Slope:

Directions

Condition of Stand:

GOOD - SOME AREAS OF CUTTING AVOIDED -
SOME STUMPS WITHIN SAMPLE. REPRODUCTION OF ALL
SIZES ABUNDANT

Open Grown Trees:

% Canopy: 90+

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

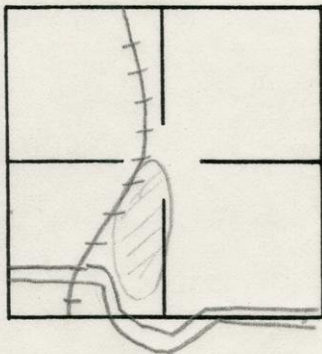
CHARACTERISTICS (Color, Texture, Structure, etc.)

NOTE A₁ SAMPLE TAKEN BUT NO PROFILE

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



C.I. 2786

2026N

1 60

1 20

85

2 00

1 80

1 80

60

13

35

2 70

2 10

2 90

1 80

25

1 10

23

13

35

14

45

12

50

30

23

55

(55)

(18)

15

50

1 40

29

SUC. MAPLE

2696*

55

75

95

(25)

(12)

1 60

1 20

2 40

19

23

12

95

35

45

1 00

1 20

1 50

1 60

60

60

1 50

40

1 00

18

50

80

20

65

1 30

14

60

40

40

95

65

30

35

BEECH

2653*

30

1 50

2 60

1 00

x

FRAX. AMER.

540*

OSTREA

20

20*

1 10

85

✓

PRUNUS SEROT

1 95*

2 70

1 50

30

1 90

1 10

4

Q. RUBRA

750*

14

3 10

70

7

BASSWOOD

394*

95

U. RUBRA

95*

1

80

2696

2653

540

20

1 95

7 50

3 94

95

7343*

162.50

SUGAR MAPLE

#pts $\frac{22}{40} = 55.00$

#trees $\frac{29}{80} = 36.25$

%EF = 33.85

%EDo = 36.72

IV = 106.82

BEECH

#pts $\frac{28}{40} = 70.00$

#trees $\frac{35}{80} = 43.75$

%EF = 43.08

%EDo = 36.13

IV = 122.96

FRAX. AMER.

#pts $\frac{4}{40} = 10.00$

#trees $\frac{4}{80} = 5.00$

%EF = 6.15

%EDo = 7.35

IV = 18.50

OSTREA

#pts $\frac{1}{40} = 2.50$

#trees $\frac{1}{80} = 1.25$

%EF = 1.54

%EDo = 0.27

IV = 3.06

PRUNUS SEROT

#pts $\frac{2}{40} = 5.00$

#trees $\frac{2}{80} = 2.50$

%EF = 3.08

%EDo = 2.66

IV = 8.24

Q. RUBRA

#pts $\frac{4}{40} = 10.00$

#trees $\frac{5}{80} = 6.25$

%EF = 6.15

%EDo = 10.21

IV = 22.61

BASSWOOD

#pts $\frac{3}{40} = 7.50$

#trees $\frac{3}{80} = 3.75$

%EF = 4.62

%EDo = 5.36

13.73

U. RUBRA

#pts $\frac{1}{40} = 2.50$

#trees $\frac{1}{80} = 1.25$

%EF = 1.54

%EDo = 1.29

4.08

$\Sigma \% D = 100.00$

$\Sigma F = 162.50$

$\Sigma (\% EF) = 100.01$

$\Sigma \% Do = 99.99$

SUG. MAPLE

$106.82 \times 10 = 1068$

BEECH

$122.96 \times 10 = 1230$

FRAX. AMER.

$18.50 \times 8 = 148$

OSTREA

$3.06 \times 9 = 28$

PRUN. SEROT

$8.24 \times 4 = 33$

Q. RUBRA

$22.61 \times 6 = 136$

BASSWOOD

$13.73 \times 8 = 110$

U. RUBRA

$4.08 \times 8 = 33$

2786

POINT RECORD TREES

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.	160 120	85 200	180	180	3	4	60	135 2	4	270 2
A. spicatum										
Betula lut.										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand			55	3	75	95	85 12 160	120	2	240 19 2
Fraxinus am										
F. nigra										
Ostrya virg										
Pinus strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra										
Thuja occ										
Tilia amer							2		14	
Tsuga can										
Ulmus amer										
U. rubra	3	3			95					
Distance	6	7 1/2	21	24	21 1/2	27 1/2	28 1/2	10	15	18

POINT RECORD TREES

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Abies balsam															
Acer rubrum															
A. sacchar.	210 290	180	25	3	3	110	4	3	23	3	13	4	35	4	4
A. spicatum															
Betula lut.															
B. papyrif															
Carya cord															
C. ovata															
Fagus grand		23	12	95		35	45	1		100	120				
Fraxinus am													30		
F. nigra															
Ostrya virg								20							
Pinus strobus															
Populus bals															
P. grand															
P. trem															
Prunus pen.															
Prunus serot					110										
Quercus alba															
Q. rubra				270		150									
Thuja occ															
Tilia amer															
Tsuga can															
Ulmus amer															
U. rubra															
Distance	16	20	12	29 1/2	21	24 1/2	21 1/2	11 1/2	18	25					

POINT RECORD TREES

BEECH WOODS

Stand No. 2026

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.	$\frac{14}{245}$	2	4	12	4	4	4	3	50	$\frac{30}{23}$ 4 55
A. spicatum										
Betula lut.										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand	$\frac{150}{160}$	60				$\frac{60}{150}$	$\frac{40}{100}$	18	2	
Fraxinus am		150	260							100
F. nigra										
Ostrya virg										
Pinus strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra					$\frac{30}{190}$					
Thuja occ										
Tilia amer										
Tsuga can										
Ulmus amer										
U. rubra										
Distance	23	21	20	18½	14½	11	20	23½	9½	5½

16615

POINT RECORD TREES

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.		4 ⁵³ ₁₈ 15 4		4	2	50		3	4	4 140
A. spicatum										
Betula lut.										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand	50 ⁸⁰		20	65	1 ¹³⁰ ₁₄	60	40	40	95 ⁶⁵	30 2
Fraxinus am										
F. nigra										
Ostrya virg										
Pinus strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot							85			
Quercus alba										
Q. rubra			110							
Thuja occ										
Tilia amer				310				70		
Tsuga can										
Ulmus amer										
U. rubra										
Distance	15	12	19 1/2	25	9 1/2	16	23 1/2	23 1/2	18 1/2	21

[illegible]

TABULATION FORM

BEECHWOODS

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2026

[illegible]

Data Form No. 60

Plant Ecology Research

Univ. of Wisconsin

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOODS

Stand No. 2026

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HERBS:																							
Shepherdia canadensis																							
Smilacina racemosa	✓	✓		✓					✓													3	15
S. stellata																							
Smilax ecirrhata																							
S. herbacea																							
S. tamnoides																							
Solanum nigrum																							
Solidago altissima																							
S. flexicaulis																							
S. ulmifolia	✓														✓	✓	✓					3	15
Staphylea trifolia																							
Streptopus amplexifol.																							
S. roseus																							
Symphoricarpos albus																							
Symplocarpus foetidus																							
Taenida integerrima																							
Taxus canadensis																							
Thalictrum dasycarpum																							
T. dioicum																							
Trientalis borealis																							
Trifolium repens																							
Trillium cernuum																							
T. flexipes																							
T. grandiflorum	✓	✓			✓	✓			✓	✓		✓			✓	✓		✓	✓	✓	✓	✓	12 60
T. nivale Sp				✓																		1	5
Triosteum perfoliatum																							
Urtica gracilis																							
Uvularia grandiflora																							
U. sessilifolia																							
Viburnum acerifolium	✓										✓											1	5
V. cassinoides																							
V. lentago																							
V. rafinesquianum																							
V. trilobum																							
Vicia americana																							
Viola canadensis																							
V. conspersa																							
V. cucullata	✓		✓																				1 5
V. pallens																							
V. pensylvanica	✓																						
V. pubescens	✓																✓	✓	✓	✓	✓	5 25	
V. renifolia																							
V. rostrata																							
Vitis aestivalis																							
V. riparia																							
Xanthoxylum americanum																							
Zigadenus elegans																							
Z. glaucus																							

2
Data Form No. 18

SHEBOYGAN DIST. # 11, 13N, 21E

HERB FREQUENCY

60A.

SELECTIVE CUTTING - VERY GOOD

Plant Ecology Research ADEL -

NORTHERN PINE-HARDWOODS

6-11-52

DIX
WARE
WARD

Univ. of Wisconsin

Stand No. 2026

Quadrat No. 1

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

Epifagus virginiana

Epigaea repens

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

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense ✓

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni ✓

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

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)

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

Podophyllum pelt.

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 2

Actaea pachypoda	Fragaria virginiana	Potentilla simplex
Actaea rubra	Galium ^{Cone.} lanceolatum ✓	Prenanthes alba
Adiantum pedatum	Galium triflorum	Pteridium aquilinum
Allium tricoccum	Gaultheria procumbens	Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum	Pyrola secunda
Aralia nudicaulis	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens	Helianthemum sp.	Ribes americanum
Aster macrophyllus	Helianthus strumosus	Rosa sp.
Aster sagittifolius	Hepatica acutiloba	Rubus parviflorus
Athyrium angustum	Hepatica americana	Rubus (blackberry)
Botrychium virginianum	Impatiens ^{Camp.} biflora ✓	Rubus (dewberry)
Brachyelytrum erectum	Linnaea borealis	Sambucus pubens
Carex albursina	Lonicera oblongifolia	Sanguinaria canadensis
Caulophyllum thalictroides ✓	Lupinus perennis	Sanicula gregaria
Chimaphila umbellata	Lycopodium annotinum	Smilacina racemosa
Circaea alpina	Lycopodium complanatum	Smilacina stellata
Circaea latifolia	Lycopodium lucidulum	Smilax ecirrhata
Clintonia borealis	Lycopodium obscurum	Solidago ulmifolia
Coptis trifolia	Lysimachia quadrifolia	Streptopus roseus
Corallorrhiza maculata	Maianthemum canadense	Taxus canadensis
Cornus alternifolia	Mitchella repens	Thalictrum dioicum
Cornus canadensis	Mitella diphylla	Trientalis borealis
Cornus rugosa	Mitella nuda	Trillium grandiflorum
Corylus americana	Monotropa uniflora	Uvularia grandiflora
Corylus cornuta	Myrica asplenifolia	Uvularia sessilifolia
Cypripedium acaule	Onoclea sensibilis	Vaccinium angustifolium
Diervilla lonicera	Oryzopsis asperifolia	Vaccinium pennsylvanicum
Dirca palustris	Osmorhiza claytoni	Viburnum acerifolium
Dryopteris linnaeana	Oxalis montana	Viola canadensis
Dryopteris phegopteris	Phryma leptostachya	Viola cucullata ✓
Dryopteris spinulosa	Polygala pauciflora	Viola pallens
Epifagus virginiana	Polygonatum commutatum	Viola pubescens
Epigaea repens	Polygonatum pubescens ✓	Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 3

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i>
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i> ✓
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i> ✓
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium ^{sp.} grandiflorum</i> ✓
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i>	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Waldsteinia fragarioides</i>

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 4

Actaea pachypoda	Fragaria virginiana	Potentilla simplex
Actaea rubra	Galium lanceolatum	Prenanthes alba
Adiantum pedatum	Galium triflorum	Pteridium aquilinum
Allium tricoccum	Gaultheria procumbens	Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum	Pyrola secunda
Aralia nudicaulis	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens	Helianthemum sp.	Ribes americanum
Aster macrophyllus	Helianthus strumosus	Rosa sp.
Aster sagittifolius	Hepatica acutiloba	Rubus parviflorus
Athyrium angustum	Hepatica americana	Rubus (blackberry)
Botrychium virginianum	Impatiens biflora ^{canadensis} ✓	Rubus (dewberry)
Brachyelytrum erectum	Linnaea borealis	Sambucus pubens
Carex albursina	Lonicera oblongifolia	Sanguinaria canadensis
Caulophyllum thalictroides	Lupinus perennis	Sanicula gregaria
Chimaphila umbellata	Lycopodium annotinum	Smilacina racemosa
Circaea alpina	Lycopodium complanatum	Smilacina stellata
Circaea latifolia	Lycopodium lucidulum	Smilax ecirrhata
Clintonia borealis	Lycopodium obscurum	Solidago ulmifolia
Coptis trifolia	Lysimachia quadrifolia	Streptopus roseus
Corallorrhiza maculata	Maianthemum canadense	Taxus canadensis
Cornus alternifolia	Mitchella repens	Thalictrum dioicum
Cornus canadensis	Mitella diphylla	Trientalis borealis
Cornus rugosa	Mitella nuda	Trillium grandiflorum ✓
Corylus americana	Monotropa uniflora	Uvularia grandiflora
Corylus cornuta	Myrica asplenifolia	Uvularia sessilifolia
Cypripedium acaule	Onoclea sensibilis	Vaccinium angustifolium
Diervilla lonicera	Oryzopsis asperifolia	Vaccinium pennsylvanicum
Dirca palustris	Osmorhiza claytoni ✓	Viburnum acerifolium
Dryopteris linnaeana	Oxalis montana	Viola canadensis
Dryopteris phegopteris	Phryma leptostachya	Viola cucullata
Dryopteris spinulosa	Polygala pauciflora	Viola pallens
Epifagus virginiana	Polygonatum commutatum	Viola pubescens
Epigaea repens	Polygonatum pubescens ✓	Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 5

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense ✓
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

Laportia canadensis

Monocot A-7 = *Maianthemum canadense*

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 6

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
 Cypridium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens

nothing
 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
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

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)
 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

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2027

Quadrat No. 7

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
 Epifagus virginiana
 Epigaea repens

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

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)
 Sambucus pubens
 Sanguinaria canadensis ✓
 Sanicula gregaria
 Smilacina racemosa ~~hairy~~
 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

Canex - A-7 = C. pennsylvanica

Monocot A-7 = Maianthemum canadense

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No.2026
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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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense ✓
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

Monocot a-72 Maianthemum canadense

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 9

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Ribes americanum</i> ✓
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i> ✓	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i>
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium grandiflorum</i> ✓
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i>	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Waldsteinia fragarioides</i>

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 10

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i>
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium grandiflorum</i>
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i> ✓
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i>	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i> ✓	<i>Waldsteinia fragarioides</i>

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 11

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i>
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> ✓	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium grandiflorum</i> ✓
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i>	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Waldsteinia fragarioides</i>

Monocot a-7

Maianthemum canadense

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 12

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense ✓
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

Monocot A-7 = *Maian. canad.*

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 13

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

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)
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

Podophyllum pelt.

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 14

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 ^{quad} 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
 Epifagus virginiana
 Epigaea repens

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
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

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)
 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

dicat - a-14 - Sambucus canadensis

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 15

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni ✓
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 16

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni ✓
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

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)
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

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 17

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense ✓
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni ✓
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

a - 7 Monocot = Maianthemum canadense

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 18

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni ✓
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

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)
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

Podophyllum pelt

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 19

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens ✓

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)
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

Pad. pelt.

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 2026
Quadrat No. 20

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
Epifagus virginiana
Epigaea repens

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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni ✓
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

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)
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

Pod pet. Grass panic-like in Colgate - *Brachyelytrum erectum*
 Cone a-7 = *C. pensylvanicum*

PROB (66)

BEECH

AD 2

Tree	No.	No.	Size Class	sq. in.	No.	D.B.H.	F.%	F.%	D.%	Dom.%	D.F.D.	Station No.	
	Pts.	Tr.	12-80	81-320	321+	Dom	Sap.	Seed	Seed	Tr.	Tr.	Trees	Index
Acerrubrum												Total Length of	
A. saccharum	22	29	17	12		2696	108	174		3385	36.25	36.72	106.82
Carya cord.												Total Length of	
C. ovata												Ave. Dist. Btw'n	
Fagus grand.	28	35	22	13		2656	24	16.6		43.08	43.75	36.13	122.96
Fraxirus amer.	4	4	1	3		540	0			6.15	5.00	7.35	18.50
F. pennsylvani.												Ave. BA (Total BA: 80	
Juglans cinere												No. Trees/acre	
J. nigra												Dom./acre	
Ostrya virgin.	1	1	1			20	1	0.1		1.54	1.25	0.27	3.06
Populus grand.													
P. tremuloides													
Prunus serotin	2	2		2		195	0			3.08	2.50	2.66	8.24
Quercus alba													
Q. macrocarpa													
Q. rubra	4	5	1	4		750	0			6.15	6.25	10.21	22.61
Q. velutina													
Tilia american.	3	3	2	1		394	5	3.4		4.62	3.75	5.36	13.73
Ulmus american:													
U. fulva	1	1		1		95	7	4.8		1.54	1.25	1.29	4.08
Totals			80	44	36	0	1343	145	99.9	100.01	100.00	99.99	300.00

13,944.4

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

ADEZ

Stand No.
Quadrat No.

2026
Pres-

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
Athyrum 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
Cyripedium 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. circaezans
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:

A-P's

See Reg. List

Sambucus canadensis

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2026
Quadrat No. Presence
5/14/53

Actaea pachypoda
Actaea rubra
Adiantum pedatum ✓
Allium triococcum ✓
Amelanchier sp.
Anemone quinquefolia ✓
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens ✓
Aster macrophyllus
Aster sagittifolius
Aster shortii
Athyrium filix-femina
Botrychium virginianum ✓
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica ✓
Carpinus caroliniana
Caulophyllum thalictroides ✓
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana ✓
Clintonia borealis
Conopholis americ.
Corallophila maculata
Cornus alternifolia
Cornus femina
Cornus rugosa
Corylus cornuta
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Dryopteris disjuncta
Dryopteris spinulosa

Epifagus virginiana
Fragaria virginiana
Galium aparine ✓
Galium circaezans
Galium concinnum ✓
Galium lanceolatum
Galium triflorum
Geranium maculatum ✓
Geum canadense
Hamamelis virginiana
Hepatica acutiloba ✓
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
Laportea canadensis ✓
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense ✓
Menispermum canadensis
Mitchella repens
Mitella diphylla ✓
Monotropa uniflora
Onoclea sensibilis
Oryzopsis aspesifolia
Osmorhiza claytoni ✓
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum ✓
Polygonatum caniculatum
Polygonatum pubescens ✓
Potentilla simplex
Prenanthes alba ✓

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus-raspberry ✓
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis ✓
Sanicula gregaria ✓
Sanicula marilandica ✓
Smilacina racemosa ✓
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum ✓
Trientalis borealis
Trillium flexipes
Trillium grandiflorum ✓
Triosteum perfoliatum
Uvularia grandiflora ✓
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis ✓
Viola cucullata ✓
Viola pallens
Viola pensylvanica
Viola pubescens ✓
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

V. present
O. in bloom

1 Fern = *Botrychium virginicum*
 # 2 Unk
 # 4 Unk = *Anemone quinquefolia*
 # 3 Unk = *Sanicula gregaria*

Presence or Frequency
(Common species only)

BEECH WOODS

5/14/53

Stand No. 2026
Quadrat No. 1-5

Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium triococcum
 Amelanchier sp.
 Anemone quinquefolia 2,5
 Aquilegia canadensis
 Arabis canadensis
 Aralia nudicaulis
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus
 Aster sagittifolius
 Aster shortii
 Athyrium filix-femina
 Botrychium virginianum 1,5
 Brachyelytrum erectum
 Campanula americana
 Carex albursina
 Carex pensylvanica
 Carpinus caroliniana
 Caulophyllum thalictroides/
 Celastrus scandens
 Circaea quadrisulcata
 Claytonia virginiana 1,2,3,4,5
 Clintonia borealis
 Conopholis americ.
 Corallorhiza maculata
 Cornus alternifolia
 Cornus femina
 Cornus rugosa
 Corylus cornuta
 Cryptotaenia canadensis
 Cypripedium pubescens
 Cystopteris fragilis
 Diervilla lonicera
 Dioscorea villosa
 Dirca palustris
 Dryopteris disjuncta
 Dryopteris spinulosa

Epifagus virginiana
 Fragaria virginiana
 Galium aparine 1,2,3,4
 Galium circaeazans
 Galium concinnum
 Galium lanceolatum
 Galium triflorum
 Geranium maculatum 2,4
 Geum canadense
 Hamamelis virginiana
 Hepatica acutiloba 2,4
 Hepatica americana
 Hydrophyllum virginianum
 Hystrix patula
 Impatiens capensis
 Laportea canadensis 1,3,4
 Lonicera dioica
 Lonicera oblongifolia
 Lonicera prolifera
 Lycopodium lucidulum
 Lycopodium obscurum
 Maianthemum canadense
 Menispermum canadensis
 Mitchellia repens
 Mitella diphylla
 Monotropa uniflora
 Onoclea sensibilis
 Oryzopsis aspesifolia
 Osmorhiza claytoni 1,3,5
 Osmunda claytoniana
 Ostrya virginiana
 Parietaria pensylvanica
 Parthenocissus inserta
 Phryma leptostachya
 Pilea pumila
 Podophyllum peltatum
 Polygonatum caniculatum
 Polygonatum pubescens 2,3,4,5
 Potentilla simplex
 Prenanthes alba

Prunus virginiana
 Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus-raspberry
 Sambucus canadensis
 Sambucus pubens
 Sanguinaria canadensis 2,3,
 Sanicula gregaria 4
 Sanicula marilandica
 Smilacina racemosa 1,
 Smilax ecirrhata
 Smilax herbacea
 Solidago altissima
 Solidago flexicaulis
 Solidago ulmifolia
 Streptopus roseus
 Symplocarpus foet.
 Taxus canadensis
 Thalictrum dioicum
 Trientalis borealis
 Trillium flexipes
 Trillium grandiflorum 1,2,4
 Triosteum perfoliatum
 Uvularia grandiflora
 Viburnum acerifolium
 Viburnum rafinesquianum
 Vicia americana
 Viola canadensis
 Viola cucullata
 Viola pallens
 Viola pensylvanica
 Viola pubescens 4
 Vitis aestivalis
 Zanthoxylum americanum

Additional Species:

Presence or Frequency
(Common species only)

BEECH WOODS

5/14/53

Stand No. 2026
Quadrat No. 6-10

Actaea pachypoda
Actaea rubra
Adiantum pedatum²
Allium triococcum⁹
Amelanchier sp.
Anemone quinquefolia⁷
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Aster shortii
Athyrum filix-femina
Botrychium virginianum⁶
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica
Carpinus caroliniana
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana^{6,7,8}
Clintonia borealis
Conopholis americ.
Corallorhiza maculata
Cornus alternifolia
Cornus femina
Cornus rugosa
Corylus cornuta
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Dryopteris disjuncta
Dryopteris spinulosa

Epifagus virginiana
Fragaria virginiana
Galium aparine
Galium circaezans
Galium concinnum^{6,7}
Galium lanceolatum
Galium triflorum
Geranium maculatum⁶
Geum canadense
Hamamelis virginiana
Hepatica acutiloba⁹
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
Laportea canadensis
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense
Menispermum canadensis
Mitchella repens
Mitella diphylla
Monotropa uniflora
Onoclea sensibilis
Oryzopsis aspesifolia
Osmorhiza claytoni^{6,7}
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum
Polygonatum caniculatum
Polygonatum pubescens^{7,9,10}
Potentilla simplex
Prenanthes alba⁷

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus-raspberry⁹
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Sanicula marilandica
Smilacina racemosa
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum^{6,7,9,10}
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens^{6,7,8,9}
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

#2 Unknown 7

Presence or Frequency
(Common species only)

BEECH WOODS

5/14/53

Stand No. 2026
Quadrat No. 11-15

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Aster shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica 13
Carpinus caroliniana
Caulophyllum thalictroides 13
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana 12, 13, 14
Clintonia borealis
Conopholis americ.
Corallorhiza maculata
Cornus alternifolia
Cornus femina
Cornus rugosa
Corylus cornuta
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Dryopteris disjuncta
Dryopteris spinulosa

Epifagus virginiana
Fragaria virginiana
Galium aparine
Galium circaezans
Galium concinnum
Galium lanceolatum
Galium triflorum
Geranium maculatum
Geum canadense
Hamamelis virginiana
Hepatica acutiloba 11
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
Laportea canadensis
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense 12, 13
Menispermum canadensis
Mitchella repens
Mitella diphylla
Monotropa uniflora
Onoclea sensibilis
Oryzopsis aspesifolia
Osmorhiza claytoni 13, 14, 15
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum 12, 13
Polygonatum caniculatum
Polygonatum pubescens 11, 12, 14
Potentilla simplex
Prenanthes alba

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus-raspberry
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis 11, 12, 13, 14
Sanicula gregaria 15
Sanicula marilandica
Smilacina racemosa
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 11, 12, 13, 14
Triosteum perfoliatum
Uvularia grandiflora 13
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens 11, 12, 13, 14, 15
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Presence or Frequency
(Common species only)

BEECH WOODS

5/14/53

Stand No. 2026
Quadrat No. 16-20

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Aster shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica
Carpinus caroliniana
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana
Clintonia borealis
Conopholis americana
Corallorhiza maculata
Cornus alternifolia
Cornus femina
Cornus rugosa
Corylus cornuta
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Dryopteris disjuncta
Dryopteris spinulosa

Epifagus virginiana
Fragaria virginiana
Galium aparine
Galium circaezans
Galium concinnum
Galium lanceolatum
Galium triflorum
Geranium maculatum
Geum canadense
Hamamelis virginiana
Hepatica acutiloba
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
Laportea canadensis
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense
Menispermum canadensis
Mitchella repens
Mitella diphylla
Monotropa uniflora
Onoclea sensibilis
Oryzopsis aspesifolia
Osmorhiza claytoni 17, 18
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum 17, 18, 19, 20
Polygonatum caniculatum
Polygonatum pubescens 16, 17, 18
Potentilla simplex
Prenanthes alba

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus-raspberry 20
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis 16
Sanicula gregaria
Sanicula marilandica 17
Smilacina racemosa 16
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 17
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata 17
Viola pallens
Viola pensylvanica
Viola pubescens 17
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

5/14/53

TABULATION FORM

BEECHWOODS

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOODS

Stand No. 2026

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2026

[illegible]