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Site 2048: Caroline, Shawano County. 1953-06-18

[s.l.]: [s.n.], 1953-06-18

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STAND RECORD

FORESTS

Stand No. 2048

Name: CAROLINE

County: SHAWANO

Date: 6/18/53

Size of Stand: 15A

Forest Type: MAPLE-BEECH

Topography: SLIGHT RISE TO NORTH

Locality:

T: 26N R: 13E Sec: 50: NW 23

Observers: T. TWARD

Size of Area Sampled: 10A

Soil Type:

Slope:

Directions

Condition of Stand:

FAIR - SAPLINGS SEEM SOMEWHAT SPARSE.

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₁	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₂	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

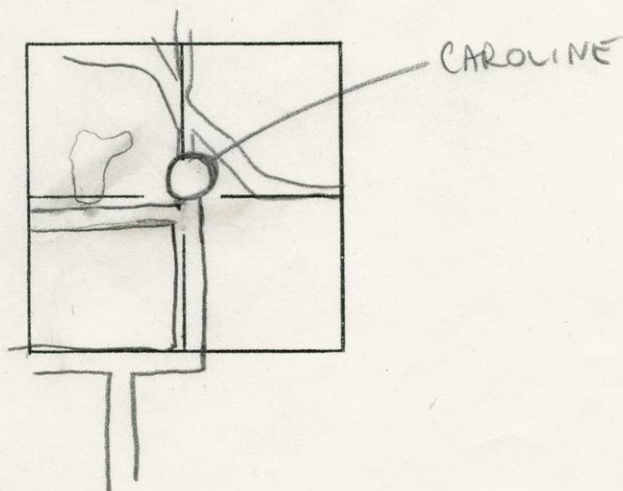
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



2048N

A. SACCA

75
90
14
95
2 30
30
35
75
60
85
2 10
1 10
1 00
35
2 20
1 90
40
80
60
80
40
55
23
1 60
1 30
1 10
45
2 30
1 60
1 10
45
2 10
3 2 32 *

32

FAGUS

5 60
1 80
2 20
2 10
1 1 70 *

4

OSTREA

2 00
3 00
5 00 *

NUA

3 30
3 30 *

U. AMER.

1 00
1 00 *

A.S. - 60.62	3 2 32
F.9 - 21.94	1 1 70
- 9.28	5 00
Ostrya - 6.19	3 30
Tilia - 1.88	1 00
U. Am. -	5 3 32 *
<u>100.01</u>	

2048

A. SACCU

$$\# \text{ PTS } \frac{18}{20} = 90.00$$

$$\# \text{ TREES } \frac{32}{40} = 80.00$$

$$\% \Sigma F = 69.23$$

$$\% \Sigma \text{ DO} = 60.62$$

$$\underline{209.85}$$

FAGUS

$$\# \text{ PTS } \frac{4}{20} = 20.00$$

$$\# \text{ TREES } \frac{4}{40} = 10.00$$

$$\% \Sigma F = 15.38$$

$$\% \Sigma \text{ DO} = 21.94$$

$$\underline{47.32}$$

OSTREA

$$\# \text{ PTS } \frac{2}{20} = 10.00$$

$$\# \text{ TREES } \frac{2}{40} = 5.00$$

$$\% \Sigma F = 7.69$$

$$\% \Sigma \text{ DO} = 9.38$$

$$\underline{22.07}$$

TILIA

$$\# \text{ PTS } \frac{1}{20} = 5.00$$

$$\# \text{ TREES } \frac{1}{40} = 2.50$$

$$\% \Sigma F = 3.85$$

$$\% \Sigma \text{ DO} = 6.19$$

$$\underline{12.54}$$

U. RUBRA

$$\# \text{ PTS } \frac{1}{20} = 5.00$$

$$\# \text{ TREES } \frac{1}{40} = 2.50$$

$$\% \Sigma F = 3.85$$

$$\% \Sigma \text{ DO} = 1.88$$

$$\underline{8.23}$$

$$\Sigma F = 130.00$$

$$\Sigma \text{ DOs} = 300.01$$

A. SACCU

209.85X

FAGUS

47.32X

OSTREA

22.07X

TILIA

12.54X

U. RUBRA

8.23X

SHAWANO

26N-13E-SW: NW 23

Data Form No. 59

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

BEECH WOODS

Stand No. 2048

STATION NO.	1	2	3	4	5	6	7	8	9	10	
Abies balsam											
Acer rubrum											
A. sacchar.	75/90			14	2	95/120	30/35	75/100	85/210	110/100	35
A. spicatum											
Betula lut.											
B. papyrif											
Carya cord											
C. ovata											
Fagus grand		✓ 560	✓ 180	✓ 220	✓ 1			✓		✓ 210	
Fraxinus am											
F. nigra											
Ostrya virg	✓ 2	4	4	1			1				
Pinus strobus											
Populus bals											
P. grand											
P. trem											
Prunus pen.											
Prunus serot											
Quercus alba (SEEDLING PRES)											
Q. rubra											
Thuja occ											
Tilia amer		330									
Tsuga can											
Ulmus amer	✓	✓	✓	✓	✓	✓	✓	✓	✓		
U. rubra			100				4			2	
Distance	20	27 1/2	12	10	12	10	24 1/2	6	23 1/2	27	

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.	320 190	✓ 40 50	✓ 60 80	✓ 40 55	✓ 23 160	✓ 130 110	✓ 45	✓ 230 110	✓ 110	✓ 45 210
A. spicatum										
Betula lut.										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand	✓							✓		✓
Fraxinus am										
F. nigra										
Ostrya virg			4	4		200	3	4	300	4
Pinus strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra										
Thuja occ										
Tilia amer										
Tsuga can										
Ulmus amer										
U. rubra	✓	✓			✓	✓	✓	✓	✓	✓
Distance	32	14	15 1/2	23	24	37	17 1/2	17	31 1/2	6

Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

CAROLINE

Northern Pine-Hardwoods

Station Number: 2048

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.
			-80	-320	321										
Abies bals															
Acer rubru															
A. sacchar	18	32	16	16		3232	6	12.5	90.00	90.00	69.23	80.00	60.62	209.85	2098.5
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran	4	4		3	1	1170	1	2.1	50.00	20.00	15.38	10.00	21.94	47.32	473.2
Ostrya vir	2	2		2		500	34	10.6	10.00	10.00	7.69	5.00	9.38	22.07	198.6
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra	Pas seedling														
Tilia amer	1	1			1	330				5.00	3.85	2.50	6.19	12.54	100.3
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva	1	1		1		100	7	14.6	70.00	5.00	3.85	2.50	1.88	8.23	65.8
		40	16	22	2	5332	48	99.8		13000	100.00	100.00	100.01	300.01	(2936)

AVE. DIST. BTW'N TREES:

20.4

AVE B. A.:

133.3

TREES/ACRE:

120.8

DOM./ACRE:

16,102.6

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2048
Quadrat No. PRES.

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
Athyrum filix-femina
Botrychium virginianum ✓
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pennsylvanica
Carpinus caroliniana
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata ✓
Claytonia virginiana
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 ✓
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 pennsylvanica
Parthenocissus inserta ✓
Phryma leptostachya ✓
Pilea pumila
Podophyllum peltatum ✓
Polygonatum caniculatum
Polygonatum pubescens ✓
Potentilla simplex
Prepanthes 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 ✓ sp ✓
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis ✓
Viola cucullata
Viola pallens
Viola pennsylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Carex hirtifolia
~~Carex pedunculata~~ no!
Carex convoluta
Carex albursina
C. plantaginifolia

R. OAK SEEDLING

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2048
Quadrat No. 1-5

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

Epifagus virginiana
Fragaria virginiana
Galium aparine
Galium circaezans
Galium concinnum
Galium lanceolatum
Galium triflorum 5
Geranium maculatum
Geum canadense
Hamamelis virginiana
P Hepatica acutiloba
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
P 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
P Osmorhiza claytoni
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta 5
Phryma leptostachya 3,5
Pilea pumila
P Podophyllum peltatum
Polygonatum caniculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba

Prunus virginiana
Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
Ranunculus recurvatus
Rhus radicans
P Ribes americanum
Rosa sp.
Rubus-raspberry
Sambucus canadensis
Sambucus pubens
P 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
P Trillium flexipes sp.
Trillium grandiflorum
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis 1,2,3,4
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

P. Oak Seedling

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2048
Quadrat No. 6-10

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia
Aquilegia canadensis
Arabis canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens 7
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 7
Claytonia virginiana
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 9
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 8
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya 9
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 10
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 9/10
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

nothing mb
Additional Species.

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2048
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 12/16
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.
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
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum 15
Polygonatum caniculatum
Polygonatum pubescens 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
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 11, 12, 13, 15
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Carex #1 - 11 = C. convoluta

Carex #1 of 117 - 12, 13 = C. plantaginifolia

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2048
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 16
Aster macrophyllus
Aster sagittifolius
Aster shortii
Athyrum filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
Carex pensylvanica
Carpinus caroliniana
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata 19
Claytonia virginiana
Clintonia borealis
Conopholis americ.
Coralorrhiza 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 18, 19
Geranium maculatum
Geum canadense
Hamamelis virginiana
Hepatica acutiloba
Hepatica americana
Hydrophyllum virginianum 16, 20
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 16
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 16, 17
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Carex diandra 16, 17 = C. plantaginifolia

Presence List
(Uncommon species)

BEECH WOODS

Stand No. 2048

Agrimonia gryposepala
Ajuga genevensis
Anemone canadensis
Anemone cylindrica
Anemone virginianum
Antennaria sp.
Aplectrum hyemale
Apocynum androsaemifolium
Arabis perstellata
Arenaria lateriflora
Asarum canadense
Asclepias exaltata
Aster prenanthoides
Astragalus neglectus
Bromus purgans
Calypso bulbosa
Capsella bursa-pastoris
Chimaphila umbellata
Chrysosplenium americanum
Coptis groenlandica
Corallorhiza striata
Corallorhiza trifida
Corylus americana
Cynoglossum boreale
Cystopteris bulbif.
Dentaria diphylla
Desmodium glutinosum
Dicentra canadensis
Dicentra cucullaria
Equisetum arvense
Erigenia bulbosa
Erigeron pulchellus
Erythronium albidum
Erythronium americanum
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Geranium robertianum
Gerardia pedicularia
Geum laciniatum

Glechoma hederacea
Habenaria bracteata
Hackelia virginiana
Helianthus strumosus
Heracleum canadensis
Heracleum maximum
Heuchera richardsonii
Hydrastis canadensis
Ilex verticillata
Impatiens capensis
Iris lacustris
Isopyrum biternatum
Jeffersonia diphylla
Lactuca biennis
Lactuca canadensis
Lathyrus ochroleucus
Lathyrus venosus
Lilium philadelphicum
Linnaea borealis
Lithospermum latifolium
Lobelia siphilitica
Lonicera hirsuta
Lonicera tatarica
Luzula acuminata
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lysimachia ciliata
Medeola virginiana
Milium effusum
Mitella nuda
Monarda fistulosa
Moneses uniflora
Monotropa uniflora
Osmorhiza longistylis
Oxalis montana
Panax quinquefolia
Panax trifolium
Pedicularis lanceolata
Phlox divaricata
Poa sp.

Polygala pauciflora
Polygala senega
Polygonum virginianum
Prunella vulgaris
Prunus virginiana
Pteretis pensylvanica
Pyrola secunda
Pyrus americana
Ranunculus septentrionalis
Rubus-dewberry
Rubus-blackberry
Rubus parviflorus
Shepherdia canadensis
Smilacina stellata
Smilax tamnoides
Solanum nigrum
Staphylea trifolia
Streptopus amplexicaulis
Symphoricarpus albus
Taenidia integerr.
Thalictrum dasycarpum
Trifolium repens
Trillium cernuum
Trillium nivale
Viburnum cassinoides
Viburnum lentago
Viburnum trilobum
Viola conspersa
Viola eriocarpa
Viola renifolia
Viola rostrata
Vitis sp.
Zygadenus elegans
Zygadenus glauca

Additional species:

[illegible]

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TABULATION FORM

Plant Ecology Research
BEECHWOODS

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STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HERBS:																							
<i>Carpinus caroliniana</i>																							
<i>Caulophyllum thalictroides</i>																							
<i>Celastrus scandens</i>																							
<i>Chimaphila umbellata</i>																							
<i>Chrysosplenium americanum</i>																							
<i>Circaea alpina</i>																							
<i>C. quadrisulcata</i>	✓			✓				✓												✓		3	15
<i>Claytonia virginiana</i>																							
<i>Clematis virginiana</i>																							
<i>Clintonia borealis</i>																							
<i>Conopholis americana</i>																							
<i>Coptis groenlandica</i>																							
<i>Corallorhiza maculata</i>																							
<i>C. striata</i>																							
<i>C. trifida</i>																							
<i>Cornus alternifolia</i>																							
<i>C. foemina</i>																							
<i>C. rugosa</i>																							
<i>Corylus americana</i>																							
<i>C. cornuta</i>																							
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium calceolus</i>																							
<i>Cystopteris bulbifera</i>																							
<i>C. fragilis</i>																							
<i>Dentaria diphylla</i>																							
<i>Desmodium glutinosum</i>																							
<i>Dicentra canadensis</i>																							
<i>D. cucullaria</i>																							
<i>Diervilla lonicera</i>																							
<i>Dioscorea villosa</i>																							
<i>Dirca palustris</i>	✓																						
<i>Dryopteris disjuncta</i>	✓																						
<i>D. spinulosa</i>	✓																						
<i>Elymus virginicus</i>																							
<i>Epifagus virginiana</i>																							
<i>Equisetum arvense</i>																							
<i>E. hyemale</i>																							
<i>Erigenia bulbosa</i>																							
<i>Erigeron pulchellus</i>																							
<i>Erythronium albidum</i>																							
<i>E. americanum</i>																							
<i>Eupatorium purpureum</i>																							
<i>E. rugosum</i>																							
<i>Festuca obtusa</i>																							
<i>Fragaria virginiana</i>																							
<i>Galium aparine</i>																							
<i>G. circaezans</i>																							
<i>G. concinnum</i>																							
<i>G. lanceolatum</i>																							
<i>G. triflorum</i>	✓					✓				✓										✓	✓	✓	20

TABULATION FORM

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[illegible]

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