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Site 2045: Bonduel, Shawano County. 1953-06-16

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

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STAND RECORD

FORESTS

Stand No. 2045

Name: BORDUER II

County: SHAWANO

Date: 6/16/53

Size of Stand: 47A.

Forest Type: MAPLE-BEECH

Topography: FAIRLY LEVEL - SOME DEPRESSIONS

Locality:

T: 26N R: 17E Sec: MIDNEB

Observers: RTWARD

Size of Area Sampled: 25A,

Soil Type:

Slope:

Directions

Condition of Stand:

EXCELLENT! SOME OLD CUTTING -

1 W. PINE 960 - Several other
large ones -

Open Grown Trees:

% Canopy: 95-

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									

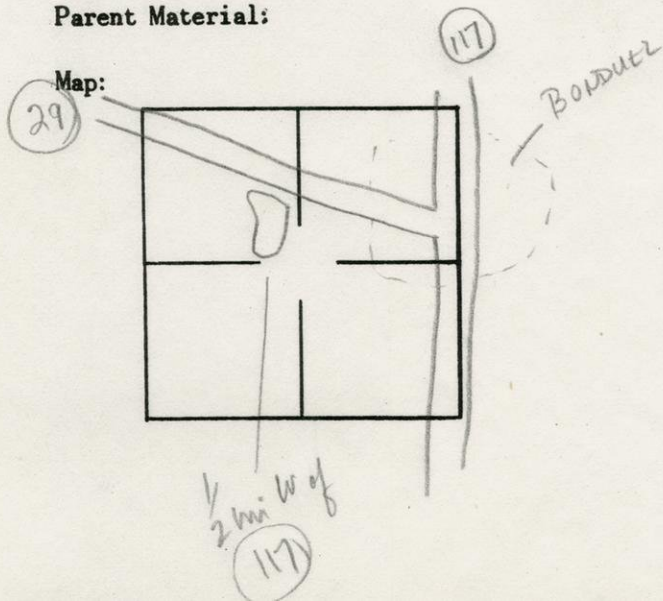
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	3/4"	Maple-Beech logs
A ₁	1/4"	
A ₂	1"	Gray-brown
B		Brown into yellow-brown clay-sand

Parent Material:

Map:



"BLOOD PRESSURE"

70, 78 in 5 sec from 200
30, 30 in 10 sec " "

20 45 N

A. RUBRUM

1 50
40
23
1 30
3 43 *

A. SACCHI.

5 60
2 60
85
1 20
45
75
4 40
1 60
3 90
2 90
4 30
3 80
3 60
5 40
4 40
1 80
21
60
15
1 60
5 40
1 20
4 60
70
3 40
4 40
1 90
7 1 71 *

27

BET. LUT.

2 20
1 50
80
75
5 25 *

FAGUS.

2 00
35
20
29
1 00
25
3 20
1 90
2 30
1 20
1 30
16
29
1 50
1 50
1 40
20
2 10
1 40
1 80
1 60
75
75
2 80
1 70
18
22
1 30
22
18
3 10
37 14 *

31

FRAX AMER. (check)

1 2 80
2 80 *

Ostrya

30
18
13
61 *

P. STROBUS

5 40
3 10
8 50 *

Q. RUBRA

1 2 50
2 50 *

TILIA

2 40
4 30
4 50
3 80
1 60
16 60 *

TSUGA

18
15
33 *

A. r. 2.34 - 3 43
A. r. 48.15 - 7 1 71
B. l. - 3.53 - 5 25
F. g. - 24.94 - 37 14
Frax. am. 1.88 - 2 80
Ostrya 0.41 - 61
P. strob. 5.71 - 8 50
Q. rub. 1.68 - 2 50
Tilia 11.15 - 16 60
Tsuga 0.22 - 33
100.01 1 48 92 *

A. RUBRA

$$\begin{aligned} \# \text{ PTS } \frac{3}{40} &= 7.50 \\ \# \text{ TREES } \frac{4}{80} &= 5.00 \\ \% \text{ SF} &= 4.54 \\ \% \text{ EDO} &= 2.34 \\ &= 11.88 \end{aligned}$$

A. SACCH

$$\begin{aligned} \# \text{ PTS } \frac{21}{40} &= 52.50 \\ \# \text{ TREES } \frac{27}{80} &= 33.75 \\ \% \text{ SF} &= 31.82 \\ \% \text{ EDO} &= 48.15 \\ &= 113.72 \end{aligned}$$

BET. CUT

$$\begin{aligned} \# \text{ PTS } \frac{4}{40} &= 10.00 \\ \# \text{ TREES } \frac{4}{80} &= 5.00 \\ \% \text{ SF} &= 6.06 \\ \% \text{ EDO} &= 3.53 \\ &= 14.59 \end{aligned}$$

FAGUS

$$\begin{aligned} \# \text{ PTS } \frac{24}{40} &= 60.00 \\ \# \text{ TREES } \frac{31}{80} &= 38.75 \\ \% \text{ SF} &= 36.36 \\ \% \text{ EDO} &= 24.94 \\ &= 100.05 \end{aligned}$$

FRAX SP

$$\begin{aligned} \# \text{ PTS } \frac{1}{40} &= 2.50 \\ \# \text{ TREES } \frac{1}{80} &= 1.25 \\ \% \text{ SF} &= 1.52 \\ \% \text{ EDO} &= 1.88 \\ &= 4.65 \end{aligned}$$

OSTREA

$$\begin{aligned} \# \text{ PTS } \frac{3}{40} &= 7.50 \\ \# \text{ TREES } \frac{3}{80} &= 3.75 \\ \% \text{ SF} &= 4.54 \\ \% \text{ EDO} &= 0.41 \\ &= 8.70 \end{aligned}$$

P. STROBUS

$$\begin{aligned} \# \text{ PTS } \frac{2}{40} &= 5.00 \\ \# \text{ TREES } \frac{2}{80} &= 2.50 \\ \% \text{ SF} &= 3.03 \\ \% \text{ EDO} &= 5.71 \\ &= 11.24 \end{aligned}$$

Q. RUBRA

$$\begin{aligned} \# \text{ PTS } \frac{1}{40} &= 2.50 \\ \# \text{ TREES } \frac{1}{80} &= 1.25 \\ \% \text{ SF} &= 1.52 \\ \% \text{ EDO} &= 1.68 \\ &= 4.45 \end{aligned}$$

TILIA

$$\begin{aligned} \# \text{ PTS } \frac{5}{40} &= 12.50 \\ \# \text{ TREES } \frac{5}{80} &= 6.25 \\ \% \text{ SF} &= 7.58 \\ \% \text{ EDO} &= 11.15 \\ &= 24.98 \end{aligned}$$

TSUGA

$$\begin{aligned} \# \text{ PTS } \frac{2}{40} &= 5.00 \\ \# \text{ TREES } \frac{2}{80} &= 2.50 \\ \% \text{ SF} &= 3.03 \\ \% \text{ EDO} &= 0.22 \\ &= 5.75 \end{aligned}$$

Σ F 165.00

Σ IV's 300.01

A. RUBRA

11.88 x

A. SACCH

113.72 x

BET. CUT

14.59 x

FAGUS

100.05 x

FRAX AMEX.

4.65 x

OSTREA

8.70 x

P. STROBUS

11.24 x

Q. RUBRA

4.45 x

TILIA

24.98 x

TSUGA

5.75 x

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.	560 260	✓ 85 120	✓ 3 15 75	✓ 2	✓ 440	✓ 160 3	✓ 1	✓ 390 290	✓ 430	✓
A. spicatum										
Betula lut. P										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand				✓ 200 35	✓ 4 20	✓ 4	29 100	2 25 320		190 1
Fraxinus am										
F. nigra 2	✓ 3	✓				280		1 1	3	
Ostrya virg	1					1	1	2	1	1
Pinus strobus P										
Populus bals										
P. grand										1
P. trem										
Prunus pen.										
Prunus serot										1
Quercus alba										
Q. rubra P										
Thuja occ		✓								
Tilia amer										
Tsuga can P										
Ulmus amer										
U. rubra										
Hamamelis - Present										
Distance	31	18	29	20 1/2	17 1/2	27	15 1/2	20 1/2	21 1/2	49 1/2

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.	✓ 1	✓ 2	✓ 380	✓ 2	✓ 360	✓ 1	✓ 540	✓ 440	✓ 3	✓ 180
A. spicatum										
Betula lut.										
B. papyrif										
Carya cord										
C. ovata										
Fagus grand		230 ✓ 2	120 ✓ 130 3	16	29	150 ✓ 150 3	140	3	20	210 ✓ 140 3
Fraxinus am		1								
F. nigra										
Ostrya virg	30	18	1	2	✓			1		
Pinus strobus										540
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra										
Thuja occ										
Tilia amer	240 ✓ 1	✓				✓	✓	✓	✓	✓
Tsuga can										
Ulmus amer										
U. rubra										
	✓	✓						✓		
Distance	13 1/2	22	20	22	13	25	18	17 1/2	31 1/2	15

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum						150	40			
A. sacchar.	21	4	2	3	60	3	15	1	160	2
A. spicatum										
Betula lut.					220				150	80
B. papyrif										
Carya cord										
C. ovata										
Fagus grand		180	160	2	1		1		75	75
Fraxinus am										
F. nigra										
Ostrya virg			13							
Pinus strobus		310								
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra				250						
Thuja occ										
Tilia amer	430		450					380		
Tsuga can										
Ulmus amer										
U. rubra										
Carpinus										
Acer (all)										
Distance	26	25	30	29	18 1/2	18 1/2	3 1/2	13	11	13

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum			130							
A. sacchar.	✓		540 ✓	✓	120 ✓ 40	70 ✓	340 ✓	✓	440 ✓ 790	
A. spicatum										
Betula lut.	75									
B. papyrif										
Carya cord										
C. ovata										
Fagus grand	280	4 170 ✓	1 18 ✓	3 ✓	3 22 ✓	3 130 ✓	4 22 ✓ 18	2 310 ✓	3	3
Fraxinus am										
F. nigra										
Ostrya virg										
Pinus strobus										
Populus bals										
P. grand		no seed								
P. trem			no seed							
Prunus pen.										
Prunus serot										
Quercus alba										
Q. rubra										
Thuja occ										
Tilia amer								160		
Tsuga can		18		15			1			
Ulmus amer										
U. rubra										
Distance	22 1/2	19	18 1/2	13 1/2	22 1/2	18	17 1/2	15	30	32 1/2

Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

BONDUEZ II

BEECH
Northern Pine-Hardwoods

Station Number: 2045

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	3	4	2	✓		348				7.50	4.54	5.00	2.34	11.88	71.3
A. sacchar	21	27	6	9	12	7171	46	32.2	95.0	52.50	31.82	33.75	48.15	113.72	1137.2
A. spicatu															
Betula lut	4	4	2	✓		525				10.00	6.06	5.00	3.53	14.59	116.7
B. papyrif															
Carpinus c									2.5						
Fagus gran	24	31	13	18		3714	66	46.2	37.5	60.00	36.36	38.75	24.94	100.05	1000.0
Ostrya vir	3	3	3			61	18	12.6	5.0	7.50	4.54	3.75	0.41	8.70	78.3
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus	2	2		1	1	850				5.00	3.03	2.50	5.71	11.24	56.2
Populus ba															
P. grandid							1	0.7							
P. tremulo															
Prunus ^{SEROT} pen							1	0.7							
Prunus vir. Quercus-el	P														
Q. rubra	1	1		1		250			2.5	2.50	1.52	1.25	1.68	4.45	26.7
Tilia amer	5	5		✓	3	1660	1	0.7	20.0	12.50	7.58	6.25	11.15	24.98	199.8
Tsuga cana	2	2	✓			33	1	0.7		5.00	3.03	2.50	0.22	5.75	46.0
Thuja occi															
Ulmus amer															
U. fulva							1	0.7							
FRAX. ^{AMER} sp.	1	1		1		280	4	5.6	7.5	2.50	1.52	1.25	1.88	4.65	37.2
		80	28	36	16	14892	143	100.0		165.00	100.00	100.00	100.01	300.01	2769

AVE. DIST. BTW'N TREES:

21.2

AVE B. A.:

186.2

TREES/ACRE:

111.9

DOM./ACRE:

20,835.8

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2045
Quadrat No. P

6/16/53

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 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
Oxoclea sensibilis
Oryzopsis asperifolia
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 ✓
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 acutata
Carex convoluta
Carex leptoneura

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2045
Quadrat No. 1-5

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
Brachelytrum 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 4
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 4.5
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 4
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 5
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: 2, 3

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2045
Quadrat No. 6-10

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia 6,7,10
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 8,10
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 7
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
Oncoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum
Polygonatum caniculatum
Polygonatum pubescens 7,8,10
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 7
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 7,10
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium 8
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Nothing in 9
Additional Species:

Carex 4, 10, 8, 10 - C. pensylvanica
Dioscorea - (in one quadrat at 2044)

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2045
Quadrat No. 11-15

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia 13
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
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 13
Hepatica americana
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
Laportea canadensis
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lycopodium lucidulum
Lycopodium obscurum
Maianthemum canadense 12, 14
Menispermum canadensis
Mitchella repens 14
Mitella diphylla
Monotropa uniflora
Oenoclea sensibilis
Oryzopsis aspesifolia 11, 14
Osmorhiza claytoni
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum
Polygonatum caniculatum
Polygonatum pubescens 11, 12, 14
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 12
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 14
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium 17
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Additional Species:

Carex 1-13

Presence or Frequency
(Common species only)

BEECH WOODS

Stand No. 2045
Quadrat No. 16-20

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium triococcum
Amelanchier sp.
Anemone quinquefolia 19
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 pensylvanica 19
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 17
Menispermum canadensis
Mitchella repens 19
Mitella diphylla
Monotropa uniflora
Onoclea sensibilis
Oryzopsis asperifolia 19
Osmorhiza claytoni
Osmunda claytoniana
Ostrya virginiana
Parietaria pensylvanica
Parthenocissus inserta
Phryma leptostachya
Pilea pumila
Podophyllum peltatum
Polygonatum caniculatum
Polygonatum pubescens 16, 19
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 19
Smilax ecirrhata
Smilax herbacea
Solidago altissima
Solidago flexicaulis
Solidago ulmifolia
Streptopus roseus
Symplocarpus foet.
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium flexipes
Trillium grandiflorum 19, 20
Triosteum perfoliatum
Uvularia grandiflora
Viburnum acerifolium
Viburnum rafinesquianum
Vicia americana
Viola canadensis
Viola cucullata
Viola pallens
Viola pensylvanica
Viola pubescens
Vitis aestivalis
Zanthoxylum americanum

Nothing in 18
Additional Species:

Canopy - 19

Presence List
(Uncommon species)

BEECH WOODS

Stand No. 2045

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
Miliium 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
Pteritis 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
Symphoricarpos 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:

Epipactis pubescens

Data Form No. 60
TABULATION FORM

Plant Ecology Research

BEECHWOODS

Univ. of Wisconsin

Stand No. 2045

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2045-

[illegible]

TABULATION FORM

BEECHWOOD'S

Stand No. 2045-

[illegible]

Data Form No. 60

Plant Ecology Research

Univ. of Wisconsin

Stand No. 2045

[illegible]

TABULATION FORM

BEECHWOODS

Stand No. 2045

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	✓				✓			✓					✓							✓			4	20
Smilacina racemosa	✓				✓			✓					✓							✓				
S. stellata																								
Smilax ecirrhata																								
S. herbacea																								
S. tamnoides																								
Solanum nigrum																								
Solidago altissima																								
S. flexicaulis																								
S. ulmifolia																								
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	✓					✓		✓			✓				✓					✓	✓		6	30
T. grandiflorum	✓					✓		✓			✓				✓					✓	✓			
T. nivale																								
Triosteum perfoliatum																								
Urtica gracilis																								
Uvularia grandiflora																								
U. sessilifolia	✓								✓										✓					
Viburnum acerifolium	✓								✓														✓	10
V. cassinoides																								
V. lentago																								
V. rafinesquianum																								
V. trilobum																								
Vicia americana																								
Viola canadensis																								
V. conspersa																								
V. cucullata	✓																							
V. pallens																								
V. pensylvanica																								
V. pubescens																								
V. renifolia																								
V. rostrata																								
Vitis aestivalis																								
V. riparia																								
Xanthoxylum americanum	✓																							
Zigadenus elegans																								
Z. glaucus																								
EPIPACTIS PABESCENS	✓																							