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Site 1234: Wyalusing Scientific Area, Grant County, Township 6N, Range 6W, Section 16. 1956-05-18

[s.l.]: [s.n.], 1956-05-18

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②

Maple Barwood

Wyalusing

5/56

1234

Tree	:No. :No. :		:No.Pts.:No. :		:F.% :D.% :		:F.% :F.% :		:D.% :Dom.% :		:I.I. :C.I. :		: : :	
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	I.I.	C.I.
Acerrubrum														
A. saccharum	31	48	4061	47	126	48.45	65.62			26.27	16.03	24.99	67.29	
Carya cord.	2	2	75	2	2	2.06	1.04			1.64	0.39	1.04	3.12	
C. ovata														
Celtis occiden.														
Fagus grand.														
Fraxinus amer.	12	16	1984							10.16	7.83	8.33	26.32	
F. lanceolata														
F. pennsylvani	1	2	135							0.84	0.53	1.04	2.41	
Juglans cinere	7	11	1745							5.93	6.88	5.72	18.53	
J. nigra	1	1	32							0.84	0.12	0.52	1.48	
Ostrya virgin.	6	6	134	17	23	17.52	11.97			5.08	0.52	3.12	8.72	
Populus grand.														
P. tremuloides														
Prunus serotin														
Quercus alba														
Q. ellipsoidalis														
Q. macrocarpa														
Q. rubra	9	14	3740							7.62	14.76	7.29	29.67	
Q. velutina														
Tilia american	39	80	11317	27	36	27.83	18.74			33.05	44.67	41.66	119.38	
Ulmus american	1	10	565							0.84	2.23	0.52	3.59	
U. rubra	9	10	1535	1	1	1.03	0.52			7.62	6.06	5.20	18.88	
Carpinus				3	4	3.09	2.08							

Ave. Dist.
Btw'n Trees
15.60

Ave. BA
(Total 192
BA ÷ 80)
131.89

No. Trees
Per acre
172.1

Dom. per
acre

157.62 sq ft.

23²
157.6
144
1304
6304
6304
1576
22694.4

118 192 25323 97 192

1/118 = 0.84745
1/192 = 0.5208
1/97 = 1.0309

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>	23 ✓ ✓	✓ ✓	✓ ✓	✓ ✓	275 ✓ ✓	65 ✓ ✓	16 ✓ ✓	16 ✓ ✓	17 45 20 ✓	✓ ✓
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>				110				120 140		
<i>F. nigra</i>										
<i>Juglans cin.</i>	240	225 200 170						150		
<i>J. nigra</i>				32						
<i>Ostrya virg</i>		✓	✓		✓					✓ ✓
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>										
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>	355	130	280 180 260							340 530 270 195
<i>Q. velutina</i>										
<i>Tilia amer</i>			140	110 23	90 190 75	✓ 375 250 130	✓ 45 140 40		120	✓ ✓
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>	85									
Distance	17 8, 16, 14 11, 12, 11, 15	5, 17, 12, 19 4, 6, 7, 10	20, 20, 3 22 4, 9, 38 12	21, 25 14, 19 8, 11, 8 25	31, 35, 7, 4 18, 15, 19 5	19, 11, 13 9 8, 11, 6 21	12, 15, 7 12 4, 4, 1 11	4, 1, 10, 13 18 8, 13, 13 27	6, 8, 5 18 4, 17 20, 19	11, 20, 20 18 1, 3, 6, 15

Maple Bass wood

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	50	40								
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am			40 35							
F. nigra										
Juglans cin.	85 230		85 50							
J. nigra										
Ostrya virg						40				
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra				370	180					
Q. velutina										
Tilia amer	75	115 180 190		275 260 170	60 160	320 225				
Ulmus amer										
Ulmus fulva					240	300				
Distance	2,15,6 28	12,22,10 21	18,20 9,26	7,24,7 9	13,30 8,10	10,11,16 35				
	17,14,14 13	12,14,15 20	13,19,34 40	12,3,9 8	7,6,9 12	11,12,16 23				

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	1 b Dist. DBH	2 b	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>	10.5' 17 10.5' 45	5.5' 15			14.5' 12	11.0' 18.5 24.0' 24 9.5' 20	7.0' 35 30.0' 75 13.5' 50	13' 390	9.5' 25 18.0' 165 8.0' 26	
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										4.5' 30 8.5' 125
<i>Fraxinus am</i>										19' 110
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>	6.5' 20									
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>										
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>				31.0' 165				19.0' 300		
<i>Q. velutina</i>										
<i>Tilia amer</i>	26' 195 28.5' 27 17.5' 100	18' 140 16' 360 30' 21	22' 14 16' 53 19.8' 25	5' 125 76' 45 6' 45	13.0' 16 9.5' 100		27.0' 16 9.5' 47	23' 195 18.0' 330	22.0' 200	
<i>Ulmus amer</i>					17.0' 565					
<i>Ulmus fulva</i>						24.0' 300				
<i>Acer sacch. sap</i>	8.5' 8.5' 32.0	7.0' 8.5' 7.5'	9.5' 9.0'	15.0' 10.5' 5.0'	4.0' 8.5' 10.5'	6.0' 13.5' 6.0'	7.0' 15.0' 15.0'	11.5' 5.0'	13.0' 21.0' 25.0'	4.0' 16.0'
<i>Tilia sp americana</i>	27.0	18.0'	17.0'	9.6'				9.0'		
<i>Ostrya virginiana</i>			7.0'					17.0'	19.0	
Distance										

Pole sample at 18'

Sapling

Carya cordat
Carpinus carolin

13.0'

4.5'
11.0'

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	11b	12	13	14	15	16	7	8	9	10
Acer rubrum										
A. saccharum		9.5' 32 14.5' 55 28.0' 520	30.0' 17	5.5' 19	26.0' 180 13.0' 15 35' 20	20.0' 440				
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am						10.0' 120				
F. nigra										
Juglans cin.						10.0' 120				
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer	18.0' 40 22.0' 47	13.5' 120	14.5' 13 10.5' 23 7.0' 22	18.0' 670 5.5' 65 12.0' 260	11.5' 220	12.5' 90 13.0' 120				
Ulmus amer	12' 30									
Ulmus fulva	22.0' 25									
Acer saccharum	6.0' 9.0' 22.0'	14.5' 40.0'	16.0' 15.0' 5.0'	9.5' 16.0'	33.0' 6.0' 25.0'	42.0' 24.0'				
Tilia americana	22.0'	12'		5.0' 5.0'	18.5'	10.0' 12.0'				
Ulmus fulva		25'								
Distance										

Ostrya

12.5'

Septings

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>	L 25°	L 14	L 260 15	3 34	2	3 35	4 70	3	1 45 55	4
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>		40	L							
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>	180		207		110		250 27	140		
<i>F. nigra</i>										
<i>Juglans cin.</i>	10	10			190					
<i>J. nigra</i>										
<i>Ostrya virg</i>	21	L 12		L	28	L	13		2	
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i>										
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>	195									
<i>Q. velutina</i>										
<i>Tilia amer</i>	2	100	2 195 21	L 72 107	L 195	L 480 140 20	L	55 100	1 85 120	1 60 150
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>	110					80			30 60	
Distance	21, 13 18, 15	4, 5 23, 23	11.5, 21 20, 6.5	14.5, 21 21, 2.5	9.5, 13 8.5, 21	6, 7 19, 10	9 14½ 8½ 17	2 20 16 18	3 14½ 10½ 26	14 10 21 34
Saps	14.5, 18 7, 7	12, 37 29, 21	4, 14.5 16, 21	18, 14 19, 15	12.5, 10.5 6, 8.5	21, 18 13, 10	30 8 19 14½	18 24 24 17½	12½ 43 9½ 67	8½ 16 9 22½

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1234

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	2	2 40	2 60	3 20	3 15	1				
Betula papy.										
Carpinus car										
Carya cord	35									
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am	5	80 100		300		25				
F. nigra										
Juglans cin.	25									
J. nigra										
Ostrya virg	1	1	1	1						
Populus gran										
P. tremul										
Prunus serot										
Quercus alba										
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer	15	1 120 320	1 120 25 120	1 280 100	240 95	1 3				
Ulmus amer										
Ulmus fulva					110					
Frax. pennsylv.	70 65									
Distance	13 25 10 10 1/2	10 1/2 19 13 1/2 11 1/2	15 22.5 12 32	7 12 21 16	18 21 19 19	19 24 19 20				
	13 7 17 17	6 28 18 14 1/2	7.5 19 14 16	9.5 6 24 6	35 25 30 11.5	27 36 49 52				

Sapling

Presence List

(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No. 1234

Locality: Wyalusing Scientific Area

County: Grant

Sec:

T. 6N R. 6W

Date: 5/18/56

Observers: Bot two

Size of Stand:

Size of Area Sampled:

Condition of Stand:

Type:

Same as that sampled 5/19.

Soil samples available

Acalypha rhomboidea	Erigeron philadel.	Physocarpus opul.
Agastache scrophul.	Erythronium americ.	Phytolacca americana
Allium canadense	Evonymus atropur.	Pilea pumila
Amerpha canescens	Floerkea proserp.	Polymnia canad.
Anaphalis margarit.	Fragaria vesca	Polypodium vulgare
Anemone cylindrica	Galium boreale	Prunella vulgaris
Arabis canadensis	Gaultheria procumb.	Pteretis pensylvanica
A. laevigata	Gaylussacia baccata	Pyrus coronaria
A. lyrata	Gentiana quinquef.	P. ioensis
A. perstellata	Geum virginianum	Ranunculus fascicul.
Aralia pispida	Hedeoma hispida	R. rhomboideus
Arisaema dracont.	Hepatica americana	Rhus glabra
Asclepias ovalif.	Heraclium maximum	R. typhina
A. exaltata	Hieracium canad.	Rubus hispidus
Aster azureus	H. scabrum	R. pubescens
A. simplex	Hydrophyllum append.	Rudbeckia laciniata
A. prenanthoides	Hypoxis hirsuta	Salix sp.
Athyrium thelypter.	Ilex verticillata	Sambucus pubens
Boehmeria cylindr.	Juncus tenuis	Saxifraga pennsylv.
Botrychium multif.	Juniperus communis	Scrophularia lan.
Bromus purgans	J. virginiana	S. marilandica
Cantosorus rhizop.	Krigia biflora	Senecio pauperculus
Carex convoluta	Lathyrus venosus	Silene stellata
Ceanothus americ.	Lilium philadel.	Solanum nigrum
Chimaphila umbell.	Liparis liliifolia	Solidago speciosa
Cirsium altissim.	Lobelia cardinalis	Staphylea trifolia
Clematis virgin.	Lonicera dioica	Streptopus roseus
Clintonia boreal.	L. hirsuta	Symplocarpus foet.
Comandra umbellata	Luzula acuminata	Taenidia integerr.
Conopholis americ.	L. multiflora	Taxus canadensis
Corallorrhiza mac.	Lysimachia ciliata	Thalictrum dasycarp.
Corydalis semperv.	L. hybrida	Thaspium aureum
Cynoglossum offic.	Milium effusum	Tradescantia ohio.
Cystopteris bulbif.	Mitchella repens	Urtica sessilif.
Desmodium cuspidatum	Monotropa uniflora	Vaccinium myrtilloides
D. canadense	Oenoclea sensibilis	Veronica serpyllif.
Dicentra canad.	Oryzopsis asperif.	Viburnum lentago
Diervilla lonicera	Osmonda cinnamomea	V. trilobum
Dioscorea villosa	Oxalis violacea	Vicia americana
Dirca palustris	Panax trifolium	Viola conspersa
Elymus villosus	Paronychia canad.	V. incognita
Epifagus virgin.	Pedicularis canad.	Wulfenia bullii

Additional Species:

Line C

Wagner, Diluvium, Cottam

Maple Barwood, N slope

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1234
Quadrat No.

Actaea pachypoda

Eupatorium rugosum

Polygonatum canaliculatum

2, 1 Adiantum pedatum

Festuca obtusa

6, 5 Polygonatum pubescens

Agrimonia gryposepala

Fragaria virginiana

Potentilla simplex

Allium tricoccum

8, 6, 4 Galium aparine

Prenanthes alba

Amphicarpa braceata

G. circaezans

Pteridium aquilinum

Anemone quinquefolia

G. concinnum

Pyrola elliptica

A. virginiana

G. lanceolatum

Ranunculus abortivus

1 Anemonella thalictroides

G. triflorum

R. recurvatus

Antennaria sp.

Geranium maculatum

R. septentrionalis

Aplectrum hiemale

Gerardia grandiflora

Rhus radicans

Apocynum androsaemifolium

Geum canadense

Ribes americanum

Aquilegia canadensis

Goodyera pubescens

R. cynosbati

Aralia nudicaulis

Habenaria bracteata

2, 4 R. missouriense

A. racemosa

Hackelia virginica

Rosa sp.

Arenaria lateriflora

Hamamelis virginiana

Rubus allegheniensis

6, 4, 3, 2 Arisaema atrorubens

Helianthus strumosus

R. occidentalis

2, 1 Asarum canadensis

8, 6, 2 Hepatica acutiloba

R. strigosus

Aster macrophyllus

Heuchera richardsonii

Sambucus canadensis

A. sagittifolius

Hydrastis canadensis

Sanguinaria canadensis

A. shortii

6, 5, 4, 1 Hydrophyllum virginianum

Sanicula gregaria

Athyrium filix-femina

Hystrix patula

S. marilandica

Botrychium virginianum

8, 4, 3, 2 Impatiens capensis

Smilacina racemosa

Brachyelytrum erectum

I. pallida

S. stellata

Campanula americana

8, 6, 4, 2 Isopyrum biternatum

Smilax ecirrhata

6 Carex albursina

Lactuca biennis

S. herbacea

C. pensylvanica

Laportea canadensis

S. tamnoides

7, 6, 5 Caulophyllum thalictroides

Lathyrus ochroleucus

Solidago altissima

7, 5 Celastrus scandens

Lonicera prolifera

5 S. flexicaulis

6 Circaea quadrisulcata

Lysimachia quadrifolia

S. ulmifolia

5, 6, 3, 8 4, 3, 2, 1 Claytonia virginiana

Maianthemum canadensis

Thalictrum dioicum

Cornus alternifolia

Menispermum canadensis

Tovara virginiana

C. femina

8, 6, 1 Mitella diphylla

Trillium cernuum

C. rugosa

Monarda fistulosa

6 T. flexipes

Corylus americana

Orchis spectabilis

T. grandiflorum

Cryptotaenia canadensis

Oryzopsis racemosa

T. recurvatum

Cypripedium pubescens

6 Osmorhiza clayton.

Triosteum perfoliatum

Cystopteris fragilis

O. longistylis

6 Uvularia grandiflora

5, 6, 3, 8 4, 3, 2, 1 Dentaria laciniata

Osmunda claytoni

Veronicastrum virginicum

Desmodium glutinosum

Panax quinquefolia

Viburnum acerifolium

D. nudiflorum

Panicum latifolium

V. rafinesquianum

5, 6, 3, 8 4, 3, 2, 1 Dicentra cucullaria

Parietaria pennsylvanica

Viola cucullata

Dodecatheon meadia

8, 4, 3, 1 Parthenocissus inserta

V. pubescens

Dryopteris spinulosa

Phlox divaricata

Vitis aestivalis

Erigeron pulchellus

Phryma leptostachya

V. riparia

Erythronium albidum

Podophyllum peltatum

Xanthoxylum americ.

Eupatorium purpureum

Polemonium reptans

Zizia aurea

Additional species:

7, 6 Rhamnus latifolia

6 Fern

Data Form No. 40

Plant Ecology Research

Univ. of Wisconsin

altitude
6551Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1234
Quadrat No. 18

Actaea pachypoda 1, 11, 13
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides 1,
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria lateriflora
Arisaema atrorubens 2, 7, 11, 13
Asarum canadensis 5, 13, 15
Aster macrophyllus
A. sagittifolius
A. shortii
Athyrium filix-femina
Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina 5, 13
C. pensylvanica
Caulophyllum thalictroides 3, 15
Celastrus scandens
Circaea quadrisulcata
Claytonia virginiana 1, 2, 5, 7, 9, 11, 13, 15
Cornus alternifolia
C. femina
C. rugosa
Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata 1, 3, 5, 7, 11
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria 1, 3, 5, 7, 9, 13, 15
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
Festuca obtusa
Fragaria virginiana
Galium aparine 1, 11
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 1, 5, 7, 11, 13
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum 1, 3, 13, 15
Hystrix patula
Impatiens capensis 3, 7, 9
I. pallida
Isopyrum biternatum 1, 3, 5, 7
Lactuca biennis
Laportea canadensis
Lathyrus ochroleucus
Lonicera prolifera
Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla 3, 15
Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
Osmorhiza clayton. 5
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta 1, 3, 9, 13
Phlox divaricata
Phryma leptostachya 15
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 7
R. cynosbati
R. missouriense
Rosa sp.
Rubus allegheniensis
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis 11
Sanicula gregaria
S. marilandica
Smilacina racemosa 13, 15
S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago altissima
S. flexicaulis 11, 15
S. ulmifolia
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes 1
T. grandiflorum
T. recurvatum
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
Viola cucullata
V. pubescens 11
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Cystopteris bulbifera 1, 3, 7, 9, 11, 13, 15
white Ash seedling 5
under leaf Carex 5, 13

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1234
Quadrat No.

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

Eupatorium rugosum
 Festuca obtusa
 Fragaria virginiana
 Galium aparine
 G. 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
 Tovarira 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:

Walking Fern

Titia
 Acer
 Carpinus
 Juniper
 L. cinereus

Red Ash
 Osage

Presence List

(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No. 1234

Locality: Wyalusing Scientific Area County: Grant

N 1/2 of S 1/2 of SW 1/4 of 16

Sec: T: 6N R: 6W

Date: 5/19/56 Observers: Bot. 200

Size of Stand: 40 acres

Size of Area Sampled: 30 acres

Condition of Stand: Excellent - truly virgin!

Type: Maple Basswood

Acalypha rhomboidea

Agastache scrophul.

Allium canadense

Amorpha canescens

Anaphalis margarit.

Anemone cylindrica

Arabis canadensis

A. laevigata

A. lyrata

A. perstellata

Aralia pispida

Arisaema dracont.

Asclepias ovalif.

A. exaltata

Aster azureus

A. simplex

A. prenanthoides

Athyrum thelypter.

Boehmeria cylindr.

Botrychium multif.

Bromus purgans

Camptosorus rhizop.

Carex convoluta

Ceanothus americ.

Chimaphila umbell.

Cirsium altissim.

Clematis virgin.

Clintonia boreal.

Comandra umbellata

Conopholis americ.

Corallorrhiza mac.

Corydalis semperv.

Cynoglossum offic.

Cystopteris bulbif.

Desmodium cuspidatum

D. canadense

Dicentra canad.

Diervilla lonicera

Dioscorea villosa

Dirca palustris

Elymus villosus

Epifagus virgin.

Erigeron philadel.

Erythronium americ.

Evonymus atropur.

Floerkea proserp.

Fragaria vesca

Galium boreale

Gaultheria procumb.

Gaylussacia baccata

Gentiana quinquef.

Geum virginianum

Hedeoma hispida

Hepatica americana

Heracleum maximum

Hieracium canad.

H. scabrum

Hydrophyllum append.

Hypoxis hirsuta

Ilex verticillata

Juncus tenuis

Juniperus communis

J. virginiana

Krigia biflora

Lathyrus venosus

Lilium philadel.

Liparis liliifolia

Lobelia cardinalis

Lonicera dioica

L. hirsuta

Luzula acuminata

L. multiflora

Lysimachia ciliata

L. hybrida

Miliun effusum

Mitchella repens

Monotropa uniflora

Onoclea sensibilis

Oryzopsis asperif.

Osmunda cinnamomea

Oxalis violacea

Panax trifolium

Paronychia canad.

Pedicularis canad.

Physocarpus opul.

Phytolacca americana

Pilea pumila

Polymnia canad.

Polypodium vulgare

Prunella vulgaris

Pteretis pensylvanica

Pyrus coronaria

P. ioensis

Ranunculus fascicul.

R. rhomboideus

Rhus glabra

R. typhina

Rubus hispidus

R. pubescens

Rudbeckia laciniata

Salix sp.

Sambucus pubens

Saxifraga pennsylv.

Scrophularia lan.

S. marilandica

Senecio pauperculus

Silex stellata

Solanum nigrum

Solidago speciosa

Staphylea trifolia

Streptopus roseus

Symplocarpus foet.

Taenidia integerr.

Taxus canadensis

Thalictrum dasycarp.

Thaspium aureum

Tradescantia ohio.

Urtica sessilif.

Vaccinium myrtilloides

Veronica serpyllif.

Viburnum lentago

V. trilobum

Vicia americana

Viola conspersa

V. incognita

Wulfenia bullii

Additional Species:

Shrike, Maycock, Curtis

Maple - Bannock

Presence or Frequency
(Common species only)Stand No. 1234
Quadrat No.

Lowest line, 20' above river

SOUTHERN UPLAND HARDWOODS

24 quadrats

Actaea pachypoda 3
 3 Adiantum pedatum 3
 Agrimonia gryposepala
 Allium tricoccum
 Amphicarpa braceata
 Anemone quinquefolia
 A. virginiana
 Anemonella thalictroides 2
 Antennaria sp.
 Aplectrum hiemale
 Apocynum androsaemifolium
 Aquilegia canadensis
 8 Aralia nudicaulis 1
 A. racemosa
 Arenaria lateriflora
 8, 7, 6, 5 2 Arisaema atrorubens 14
 6, 4, 3 2 Asarum canadensis 9
 Aster macrophyllus
 A. sagittifolius
 A. shortii
 Athyrium filix-femina
 6 Botrychium virginianum 1
 Brachyelytrum erectum
 Campanula americana
 3 Carex albursina 5
 C. pensylvanica
 6, 4, 3 2 Caulophyllum thalictroides 9
 Celastrus scandens 2
 2 Circaea quadrisulcata 2
 6, 5, 4, 3 2 Claytonia virginiana 24
 7, 5 Cornus alternifolia
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canadensis
 Cyripedium pubescens
 Cystopteris fragilis
 6, 5, 4, 3 2 Dentaria laciniata 19
 7 Desmodium glutinosum
 D. nudiflorum
 7, 6, 5, 4, 2 Dicentra cucullaria 22
 5 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum
 Eupatorium purpureum

Eupatorium rugosum
 Festuca obtusa
 Fragaria virginiana
 7 Galium aparine 7
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium maculatum
 Gerardia grandiflora
 Geum canadense
 Goodyera pubescens
 Habenaria bracteata
 Hackelia virginica
 Hamamelis virginiana
 Helianthus strumosus
 8, 6, 5, 4, 3 2 Hepatica acutiloba 15
 Heuchera richardsonii
 Hydrastis canadensis
 8, 4 Hydrophyllum virginianum 10
 Hystrix patula
 5, 3 Impatiens capensis 9
 I. pallida
 7, 5, 4, 1 Isopyrum biternatum 12
 Lactuca biennis
 Laportea canadensis
 Lathyrus ochroleucus
 Lonicera prolifera
 Lysimachia quadrifolia
 Maianthemum canadensis
 Menispermum canadensis
 8, 3, 2 Mitella diphylla 9
 Monarda fistulosa
 Orchis spectabilis
 Oryzopsis racemosa
 7, 2 Osmorhiza clayton. 5
 O. longistylis
 Osmunda claytoni
 Panax quinquefolia
 Panicum latifolium
 Parietaria pennsylvanica
 8, 7, 6, 3 Parthenocissus inserta 13
 Phlox divaricata
 Phryma leptostachya 1
 Podophyllum peltatum
 Polemonium reptans

Polygonatum canaliculatum
 8, 5, 3 Polygonatum pubescens 5
 Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Ranunculus abortivus
 R. recurvatus
 R. septentrionalis
 Rhus radicans
 Ribes americanum 1
 7, 6, 5, 4 R. cynosbati 4
 R. missouriense 2
 Rosa sp.
 Rubus allegheniensis
 R. occidentalis
 R. strigosus
 Sambucus canadensis
 8, 4 Sanguinaria canadensis 3
 5, 3 Sanicula gregaria 2
 S. marilandica
 8, 1 Smilacina racemosa 4
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. tamnoides
 Solidago altissima
 8, 6, 3 S. flexicaulis 6
 S. ulmifolia
 Thalictrum dioicum
 Tovar virginiana
 Trillium cernuum
 T. flexipes 2
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 8 Uvularia grandiflora 2
 Veronicastrum virginicum
 Viburnum acerifolium
 V. rafinesquianum
 Viola cucullata
 8, 6, 4, 1 V. pubescens 5
 Vitis aestivalis
 V. riparia
 Xanthoxylum americ.
 Zizia aurea

Additional species:

7, 6, 5, 3 2 Cystopteris bulb. 19
 3 Hyd. append. 1
 7, 5 Staphylea 2

2 Butternut 1
 8, 5, 4, 2 Iron wood 4
 4 Sugar 1
 White Ash 1