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Site 1235: Wyalusing, Grant County, Township 6N, Range 6W. 1956-05

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

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(9)

Red Oak-White Oak

Wyalusing 5156

Dom Den

1235

Tree	No. : Pts.	No. : Tr.	No. : Dom.	No. : Sap.	No. : Sap.	F. % : Sap.	D. % : Sap.	F. % : Seed	F. % : Seed	D. % : Tr.	Dom. % : Tr.	I. I. :	C. I. :
Acerrubrum													
A. saccharum	5	5	294	25	44	27.15	30.55			5.43	1.60	3.47	10.50
Carya cord.				9	12	9.77	8.33						
C. ovata	1	1	45	2	3	2.17	2.08			1.08	0.24	0.69	2.01
Celtis occiden.				1	1	1.06	0.69						
Fagus grand.													
Fraxinus amer.	2	2	55	10	12	10.86	8.33			2.17	0.30	1.38	3.85
F. lanceolata	1	2	32							1.08	0.17	1.38	2.63
F. pennsylvani													
Juglans cinere													
J. nigra													
Ostrya virgin.				6	7	6.51	4.86						
Populus grand.	13	22	1720							14.11	9.37	15.27	38.75
P. tremuloides													
Prunus serotin	5	5	249	3	3	3.25	2.08			5.43	1.35	3.47	10.25
Quercus alba	23	33	6831	4	4	4.34	2.77			24.97	37.22	22.91	85.10
Q. ellipsoidalis													
Q. macrocarpa													
Q. rubra	22	49	8123							23.89	44.27	34.02	102.18
Q. velutina	4	4	345							4.34	1.88	2.77	8.99
Tilia american	15	20	561	27	50	29.32	34.72			16.29	3.05	13.88	33.22
Ulmus american													
U. rubra	1	1	90	5	6	5.43	4.16			1.08	0.49	0.69	2.26

Ave. Dist.
Btw'n Trees
16.13'

Ave. BA
(Total
BA ÷ 80) 144
127.39

No. Trees
Per acre
167.4

Dom. per
acre

148.09 3.15

148.1

144

5924

59.24

14281

21326.4

92 144 18345

92 144

$\frac{1}{92} = 1086$
 $\frac{1}{144} = 6944$

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. *B* 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	9.5' 32'		14.5' 22'	7' 20"			4' 15"			
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg	10' 7.5'	19' 12'								
Populus gran										
P. tremul										
Prunus serot		10.0' 65'								16' 37'
Quercus alba	22' 147'	10.0' 230'			5' 270'	3.0' 340'	27' 169'	11.5' 86'	26' 148'	12.5' 255'
Q. ellipsoid						5.0' 72'	8.5' 212'	18' 155'		
Q. macrocarpa						25' 162'		16' 150'		
Q. rubra				16.5' 500'	12.5' 62'		12.5' 115'		14.5' 75'	26.0' 431'
Q. velutina					22' 74'	21' 71'		12' 78'		
Tilia amer		16.0' 21'	8.0' 22'	6' 12'						
Ulmus amer		14.5' 20'	15' 60'	28' 61'						
Ulmus fulva										
Sugar maple	15' 5'	5' 12'	12.5'		7' 6'	18' 16'	6' 71'	3' 10'	13'	
Talia	8.5'	5.0' 9.0'	7' 5'	11.5' 30.0' 27.0'	7'	5'		7'	2' 5' 4'	14.0' 5.0'
Carya cordform Distance				12.5'		9'		4'		5' 6'

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 3 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	48'	200								
Q. ellipsoid										
Q. macrocarpa			23'	140						
Q. rubra	19'	205	7.0	142						
	11.5'	148	9.5	200						
	11.0'	100								
Q. velutina			11.5'	162						
Tilia amer										
Ulmus amer										
Ulmus fulva										
Acer sacch.	4' 7.5'	8'								
	11.5'	9'								
Tilia	11.5'	3'								
Ulmus fulva		4'								
Distance										

Glenview at end 975, short 1005

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>		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>				30						
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>										
<i>Populus gran</i>	40 70 50	20	75			60 90 95	70		50	
<i>P. tremul</i>										
<i>Prunus serot</i>			27							
<i>Quercus alba</i>		210		430			330	240	350	40 35 300
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>			80	14 30	720 100 160 30	19	90	105 200 420	30	
<i>Q. velutina</i>										
<i>Tilia amer</i>	30	111	28	11	70	11	28	11	11	22
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>										
Distance	4,2,8,4	2,8,13,22	4,6,17,20	8,23,33,20	10,16,8 27	5,14,7,20	6,11,10,60	11,15,15,19	11,14,29 20	14,9,21,17
	7,15,3,20	18,15,12 15 2" A'	16,15,8,14	3,8,8,9	5,14,6,9	7,12,17 16 2" A'	5,12,17,30	11,19,31 32	7,7,12, 26	13,9,10 9 1 1/2" A

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	✓✓	✓								
Betula papy.										
Carpinus car										
Carya cord	1	11								
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	210	180								
Q. ellipsoid										
Q. macrocarpa										
Q. rubra	75 150 75	95 300 180								
Q. velutina										
Tilia amer	1	1								
Ulmus amer										
Ulmus fulva										
Distance	7, 10, 5, 25	18, 18, 21, 25								
	10, 6, 5, 5	7, 7, 8, 12								

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum	1		1	1	1	1		1		2
Betula papy.										
Carpinus car										
Carya cord										
C. ovata		2					1		15	
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am	2	1		1	1	1		2	1	25
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg				2	1		1	1	1	
Populus gran	60	60 60	80				110 180 100	110 100 120	95	
P. tremul										
Prunus serot			20	1						100
Quercus alba			260	1	180	1		350	1	250
Q. ellipsoid										
Q. macrocarpa										
Q. rubra	50 25			140, 90 140, 75	90, 110 70	620, 100 80, 35	120		130	
Q. velutina										
Tilia amer	35	1	12	1	12			2	15	20
Ulmus amer										
Ulmus fulva		90		1			2		1	
Distance	8, 17 12, 19 10, 12 24, 7	10, 12 13, 6 20, 32 20, 33	11, 12 1/2 17, 16 12, 16 14, 21	5, 6 1/2 16, 12 11, 6 1/2 13 1/2, 25	15, 12 8, 34 21, 22 2 1/2, 49	22, 48 30, 21 15, 15 22, 24	10 1/2, 10 1/2 23, 18 1/2 22, 9 19, 19 1/2	3, 9 23, 41 5, 9 8, 30	17, 29 9 1/2, 30 4 1/2, 4 1/2 9 1/2, 31	20, 27 14, 18 5, 23 22, 19

sap

Red white

9

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1235

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran		25								
P. tremul	80									
Prunus serot										
Quercus alba	300	116 310, 34								
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer	30 30	2	1							
Ulmus amer										
Ulmus fulva										
Distance	21, 8 1/2 19, 15 15, 27 17, 26	9, 20 27, 21 20, 11 1/2 10, 9 1/2								

Saps

Wyalusing Scientific Area May 1956

1235

	36 pts # saps	Saplings # pts	# trees	Tree # pts		Dens %
<i>Acer saccharum</i>	44	25	5	5	294	1.60
<i>Carya cordifolia</i>	12	9	0	0		0
<i>Carya ovata</i>	3	2	1	1	45	.24
<i>Celtis occidentalis</i>	1	1	0	0		0
<i>Fraxinus americana</i>	12	10	2	2	55	.30
<i>Ostrya virginiana</i>	7	6	2	1	32	.17
<i>Populus grandidentata</i>	0	0	22	13	1720	9.37
<i>Prunus serotina</i>	3	3	5	5	249	1.35
<i>Quercus alba</i>	4	4	32	23	6831	37.22
<i>Quercus rubra</i>	0	0	49	22	8123	44.27
<i>Quercus velutina</i>	0	0	4	4	345	1.88
<i>Tilia americana</i>	50	27	20	15	561	3.05
<i>Ulmus rubra</i>	6	5	1	1	90	.49

Recip - 545

18345

Total Dist 2323 / 144 =

Ave Dist 16.13'

167.4 trees/acre

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 8 1235
Quadrat No.

Actaea pachypoda
Adiantum pedatum 9
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis 5, 9
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
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 3
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 bitermum
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 3, 9
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 3, 9
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
Viola cucullata
V. pubescens
Vitis aestivalis
V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Red ash seedling 1, 3
Red oak 3
Poa, 3
Carya cordiformis, 9

Prunus virg - 9

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1235
Quadrat No.

red = 2 F 18 quadrats

- ✓ Actaea pachypoda
✓ Adiantum pedatum 1
Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
3 Anemone quinquefolia 1
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
Apocynum androsaemifolium
Aquilegia canadensis
6 Aralia nudicaulis 4
✓ A. racemosa
Arenaria lateriflora
✓ Arisaema atrorubens 3
Asarum canadensis
Aster macrophyllus
A. sagittifolius
A. shortii
3 ✓ Athyrium filix-femina 1
✓ Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina 1
C. pensylvanica
Caulophyllum thalictroides
✓ Celastrus scandens 1
3 2 Circaea quadrisulcata 4
Claytonia virginiana
✓ Cornus alternifolia
543 ✓ C. femina 3
C. rugosa 1
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 2
4 Fragaria virginiana 1
Galium aparine
G. circaezans
6543 G. concinnum 8
G. lanceolatum
G. triflorum
53 ✓ Geranium maculatum 8
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
54 ✓ Helianthus strumosus 2
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. 1
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
54 2 Parthenocissus inserta 8
Phlox divaricata
✓ Phryma leptostachya
✓ Podophyllum peltatum 3
Polemonium reptans
Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba 1
✓ Pteridium aquilinum
Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
3 ✓ Rhus radicans
✓ Ribes americanum
✓ R. cynosbati
R. missouriense
✓ Rosa sp.
Rubus allegheniensis
54 ✓ R. occidentalis 3
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
5 ✓ Smilacina racemosa 2
S. stellata
Smilax ecirrhata
S. herbacea
✓ S. tamnoides
Solidago altissima
2 S. flexicaulis 1
5 ✓ S. ulmifolia 1
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
Triosteum perfoliatum
✓ Trillium grandiflorum 2
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
5 ✓ Viola cucullata 1
V. pubescens
Vitis aestivalis
4 ✓ V. riparia 1
✓ Xanthoxylum americ. 1
Zizia aurea

Additional species:

Piervilla lancea 1

✓ Orch. spec.

4 ✓ P. rug.
✓ Panax
✓ Ostrya
2 Acer

653, 2 Fraxinus amer
4 P. serotina

5 white dah

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1235
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
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
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
3,2 Festuca obtusa
Fragaria virginiana
Galium aparine
G. circaezans
5,4,2,1 G. concinnum
G. lanceolatum
G. triflorum
6,5,4,3,2 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
4,4,3,2,1 Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
5 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
2 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:

2 Diervilla lonic.

4 Populus gran

1 Ulmus fulva