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Site 1033: Albany Woods, Green County, Township 2N, Range 8E, Section 15. 1948-05-08

[s.l.]: [s.n.], 1948-05-08

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See (135) for Raw data sheet.

Stand No: **1033** Name: *Albany woods*
 County: *Green-Sylvester* T: *2N* R: *8E* Sec: *15* Locality: *Stearns*
 Date: *May 8, 1948* Observers: *Dr. Curtis Dr. Green-Melton*
 Size of Stand: *40 acres +* Size of Area Sampled: *20 pts - 20²m quad.*
 Forest Type: *Maple Basswood* Soil Type: *Roxy loam*
 Topography: *?* *Roxy Silty loam*

Condition of Stand: *Excellent*

Open Grown Trees:

Stumps:

- | | |
|----|-----|
| 1. | 6. |
| 2. | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Soil *None Available*
(From Fosberg's Thesis Data)

Sample No:	pH	N	P	K	Colloids	Vol/wt	WHC
A ₀	---	---	---	---	---	---	---
A ₁	<i>6.8</i>	<i>1.486</i>	<i>70</i>	<i>290</i>	---	---	---
A ₂	<i>5.8</i>	<i>1.083</i>	<i>25</i>	<i>93</i>	---	---	---
<i>B</i> Depth	<i>5.7</i>		<i>70</i>	<i>270</i>			

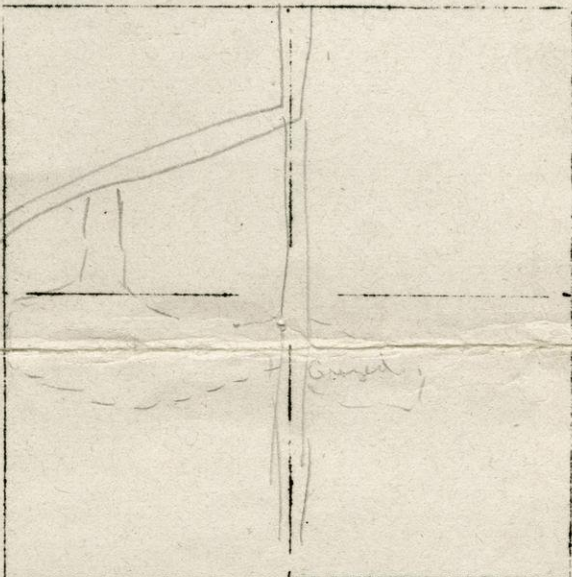
Characteristics (Color, texture, etc.)

- A₀ _____
- A₁ _____
- A₂ _____
- B _____

Parent Material:

Remarks:

Map *Sec 15*



1948

Tree	No. Pts.	No. Tr.	Size Class	sq. in.	No. Dom Sap.	No. Sap.	W. %	F. %	F. %	D. %	Dom. %	D F D	Index	Station No.
			12-80	81-320	321+									1033
Acerrubrum														Total Length of Transect
A. saccharum	17	29	$\frac{25}{846}$	$\frac{3}{430}$	$\frac{1}{325}$	160	1	5	60.7	72.5	65.6	199	199	Not Avail
Carya cord.							1	5						Total Length of Transect
C. ovata	1	1	$\frac{1}{42}$			42			3.6	2.5	1.7	82	20	Ave. Dist. Btw'n Trees
Fagus grand.														Not Avail.
Fraxinus amer.														Saplings/unit area
F. pennsylvani.														Not Avail.
Juglans cinere.	2	2	$\frac{2}{55}$			55			7.1	5.0	2.2	14	19	Ave. BA (Total BA)
J. nigra	1	1	$\frac{1}{42}$			47			3.6	2.5	1.8	83	40	61.8 sq in.
Ostrya virgin.														No. Trees/acre
Populus grand.														Not Avail
P. tremuloides														Dom./acre
Prunus serotin														Not Avail.
Quercus alba	1	1	$\frac{1}{58}$			58			3.6	2.5	2.3	8	32	
Q. macrocarpa														
Q. rubra														
Q. velutina														
Tilia american.	2	2	$\frac{2}{274}$			274			7.6	5.0	10.8	23	172	
Ulmus american.							1	5						
U. fulva	3	3	$\frac{3}{296}$	$\frac{1}{296}$		339	3	15	10.7	7.5	13.4	32	224	
Crataegus	1	1	$\frac{1}{58}$			58	1	5	3.6	2.5	2.3	8	24	
Prunus virginiana							3	15						
Totals		40	$\frac{33}{1149}$	$\frac{6}{1000}$	$\frac{1}{325}$	2474			4%	✓	✓	✓	✓	2593

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1948

Tree	# Pts	# Tr.	Size Cl. sq. in.	# Dom.	# Sap	# Q1	F. % Seed	F. % Tr.	D. % Tr.	Dom % Tr.	D	F	D	C.I.	Station No.
			-80: -320: 321												1033
Acer rubrum															Total Length of Transect.
A. sacchar.	17	29	$\frac{25}{846}$ $\frac{3}{430}$ $\frac{1}{325}$	1601		1	5	60.7	72.5	65.6	199	1990			Total Area of Transect.
Carya cord.						1	5								Total Area of Transect.
C. ovata	1	1	$\frac{1}{42}$	42				3.6	2.5	1.7	8	20			Ave. Dist. Btw'n Trees
Fagus gran.															Saplings/unit area
Fraxinus am															Saplings/unit area
F. penn.															Saplings/unit area
Juglans cin	2	2	$\frac{2}{55}$	55				7.1	5.0	2.2	14	91			Ave. BA (Total BA = 80)
J. nigra	1	1	$\frac{1}{47}$	47				3.6	2.5	1.8	8	40			No. Trees/acre
Ostrya vir.															Dom./acre
Populus gr.															Dom./acre
P. tremuloi															Dom./acre
Prunus sero															Dom./acre
Quercus al.	1	1	$\frac{1}{58}$	58				3.6	2.5	2.3	8	32			Dom./acre
Q. macrocar															Dom./acre
Q. rubra															Dom./acre
Q. velutina															Dom./acre
Tilia amer.	2	2	$\frac{2}{274}$	274				7.1	5.0	10.8	23	172			Dom./acre
Ulmus amer.						1	5								Dom./acre
U. fulva	3	3	$\frac{3}{43}$ $\frac{1}{296}$	339		3	15	10.7	7.5	13.4	32	224			Dom./acre
Crataegus	1	1	$\frac{1}{58}$	58		1	5	3.6	2.5	2.3	8	24			Dom./acre
Prunus Virg.						3	15								Dom./acre
Totals			$\frac{80}{1149}$ $\frac{6}{1000}$ $\frac{1}{325}$	2474				140	✓	✓	✓	2593			Dom./acre

61.8 sq. in.

Field Sheets

IV

FOREST SURVEY

STATION RECORD

Stand No: ⁸⁸⁰¹ 1033
 County: Green
 Date: May 17, 1949
 Size of Stand: —
 Forest Type: —
 Topography: —

Name: Albany woods
 T: 2N R: 8E Sec: 15 Locality:
 Observers: R. Brown, J.T.C. R.M.C.

Size of Area Sampled: 20 Pts - 201 m quad
 Soil Type:

Condition of Stand:

Open Grown Trees:

Stumps:

- | | |
|-----------------|-----|
| 1. White oak | 6. |
| 2. Black Walnut | 7. |
| 3. " " | 8. |
| 4. Red Oak | 9. |
| 5. Black Walnut | 10. |

Soil

Sample No:	pH	N	P	K	Colloids	Vol/wt	WHC
A ₀ _____	—	—	—	—	—	—	—
A ₁ _____	6.8	—	—	—	—	—	—
A ₂ _____	—	—	—	—	—	—	—

Depth Characteristics (Color, texture, etc.)

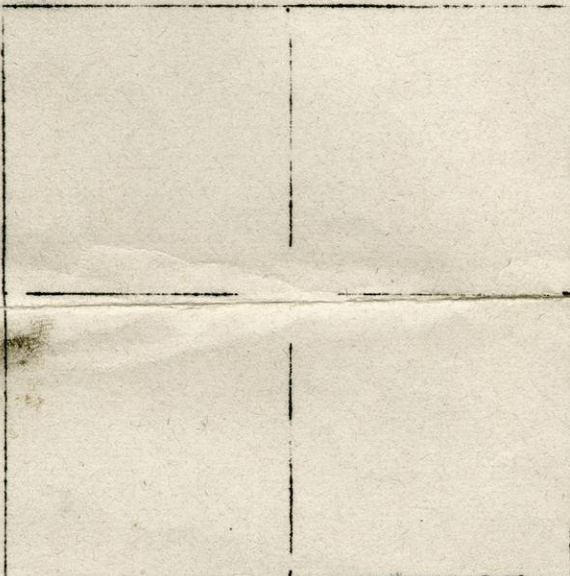
A₀ _____
 A₁ _____
 A₂ _____
 B _____

Parent Material:

Remarks: ginseng (5)
 aralia nudicaulis
 aplectrum

Map

Butternut 455



Field Sheets 1949

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	58	2	F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		134
Crataegus sp.			P. serotina					

Distance: 29.5

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Betrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cyripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Frigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 O. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum {34
 Amelanchier sp. {45
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

Distance: 81

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cyripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera proclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 O. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Thalictrum grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Agastache scrophul.	Erigeron philadel.	Pilea pumila
Allium canadense	Erythronium americ.	Polymnia canad.
Amorpha canesc.	Evonymus atropur.	Polypodium vulgare
Anaphalis marg.	Floerkea prosperp.	Prunella vulgaris
Anemone cylindrica	Fragaria vesca	Pteretis nodulosa
Arabis canadensis	Galium boreale	Pyrus coronaria
A. laevigata	Gaultheria procumb.	P. ioensis
A. lyrata	Gaylussacia baccata	Ranunculus fascicul.
A. perstellata	Gentiana quinquef.	R. rhomboideus
Aralia hispida	Geum virginianum	Rhus glabra
Arisaema dracont.	Hedeoma hispida	R. typhina
Asclepias ovalif.	Hepatica americana	Rubus hispidus
A. phytolaccoides	Heracleum lanatum	R. pubescens
Aster azureus	Hieracium canad.	Rudbeckia laciniata
A. paniculatus	H. scabrum	Salix sp.
A. prenanthoides	Hydrophyllum append.	Sambucus pubens
Athyrium thelypter.	Hypoxis hirsuta	Saxifraga pennsylv.
Besseya bullii	Ilex verticillata	Scrophularia lan.
Boehmeria cylindr.	Juncus tenuis	S. marilandica
Botrychium multif.	Juniperus communis	Senecio balsamitae
Bromus burgans	J. virginiana	Silene stellata
Camptosorus rhizop.	Krigia biflora	Solanum nigrum
Carex convoluta	Lathyrus venosus	Solidago speciosa
Ceanothus americ.	Lilium philadel.	Staphylea trifolia
Chimaphila umbell.	Liparis liliifolia	Steironema ciliatum
Cirsium altissim.	Lobelia cardinalis	S. lanceolatum
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.	Milium effusum	Thalictrum dasycarp.
Corydalis semperv.	Mitchella repens	Thaspium aureum
Cynoglossum offic.	Monotropa uniflora	Tradescantia ohio.
Cystopteris bulbif.	Onoclea sensibilis	Uvularia sessilif.
Desmodium bracteos.	Cryzopsis asperif.	Vaccinium canad.
D. canadense	Osmunda cinnamomea	Veronica serpyllif.
Dicentra canad.	Oxalis violacea	Viburnum lentago
Diervilla lonicera	Panax trifolium	V. trilobum
Dioscorea villosa	Paronychia canad.	Vicia americana
Dirca palustris	Pedicularis canad.	Viola conspersa
Elymus villosus	Physocarpus opul.	V. incognita
Epifagus virgin.	Phytolacca decand.	

Additional Species:

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3

Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
A. rubrum
A. saccharinum
A. saccharum
Amelanchier sp.
Betula lutea
B. nigra
B. papyrifera
Carpinus carol
Carya cordifor
C. ovata
Celtis occiden
Crataegus sp.

Fagus grandif.
Fraxinus amer.
F. nigra
F. pennsylvan.
Juglans cinere
J. nigra
Ostrya virgin.
Populus deltoi
P. grandident.
P. tremuloides
Prunus americ.
P. pennsylvan.
P. serotina

Prunus virgin.
Quercus alba
Q. bicolor
Q. ellipsoid.
Q. macrocarpa
Q. rubra
Q. velutina
Robinia pseudo
Sorbus americ.
Tilia american
Ulmus american
U. fulva

{ 84
84

Distance: 18.5

Actaea sp.
Adiantum pedat.
Agrimonia gryp.
Allium tricocc.
Amphicarpa brac.
Anemone quinque.
A. virginiana
Anemonella thal.
Antennaria sp.
Aplectrum hiem.
Apocynum andros.
Aquilegia canad.
Aralia nudicaul.
A. racemosa
Arenaria later.
Arisaema atror.
Asarum canad.
Aster macrophyll.
A. sagittifolius
A. shortii
Athyrium angust.
Aureolaria grandif.
Botrychium vir.
Brachyelytrum
Campanula amer.
Carex albursina
C. pennsylvan.
Caulophyllum thal.
Celastrus scan.
Circaea latif.
Claytonia virg.
Cornus altern.
C. femina
C. rugosa
Corylus americana
Cryptotaenia canad.
Cypripedium pubesc.
Cystopteris frag.
Dentaria laciniata
Desmodium acumin.
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
Eupatorium rugosum
Festuca obtusa
Fragaria virgin.
Galium aparine
G. circaezans
G. concinnum
G. lanceolatum
G. triflorum
Geranium macul.
Geum canadense
Goodyera pubesc.
Habenaria bract.
Hamamelis virg.
Helianthus strum.
Hepatica acutil.
Heuchera richard.
Hydrastis canad.
Hydrophyllum virg.
Hystrix patula
Impatiens biflora
I. pallida
Isopyrum bitern.
Lactuca spicata
Laportea canad.
Lapoula virgin.
Lathyrus ochrol.
Lonicera prolif.
Lysimachia quadr.
Maianthemum can.
Menispermum can.
Mitella diphylla
Monarda fistulosa
Orchis spectab.
Oryzopsis racem.
Osmorhiza clayton.
O. longistylis
Osmunda clayton.
Panax quinquef.
Panicum latifolium
Parietaria pennsylv.
Parthenocissus vit.
Phlox divaricata
Phryma leptostachya
Podophyllum pelt.
Polemonium reptans

Polygonatum commut.
Polygonatum pubesc.
Polygonum virgin.
Potentilla simpl.
Prenanthes alba
Pteridium aquil.
Pyrola elliptica
Ranunculus abort.
R. recurvatus
R. septentrion.
Rhus radicans
Ribes americanum
R. cynosbati
R. missouriense
Rosa sp.
Rubus alleghen.
R. occidentalis
R. strigosus
Sambucus canad.
Sanguinaria can.
Sanicula gregaria
S. marilandica
Smilacina racemosa
S. stellata
Smilax ecirrhata
S. herbacea
S. hispida
Solidago altissima
S. latifolia
S. ulmifolia
Thalictrum dioicum
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virg.
Viburnum acerifolium
V. affine
Viola cucullata
V. pubescens
Vitis aestivalis
V. riparia
Zanthoxylum americ.
Zizia aurea

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba	278	
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	16		F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

4

Distance: 15.5

Shrubs & Herbs

Actaea sp.	Eupatorium purpur.	Polygonatum commut.
Adiantum pedat.	Eupatorium rugosum	Polygonatum pubesc.
Agrimonia gryp.	Festuca obtusa	Polygonum virgin.
Allium tricocc.	Fragaria virgin.	Potentilla simpl.
Amphicarpa brac.	Galium aparine	Prenanthes alba
Anemone quinque.	G. circaezans	Pteridium aquil.
A. virginiana	G. concinnum	Pyrola elliptica
Anemone thal.	G. lanceolatum	Ranunculus abort.
Antennaria sp.	G. triflorum	R. recurvatus
Aplectrum hiem.	Geranium macul.	R. septentrion.
Apocynum andros.	Geum canadense	Rhus radicans
Aquilegia canad.	Goodyera pubesc.	Ribes americanum
Aralia nudicaul.	Habenaria bract.	R. cynosbati
A. racemosa	Hamamelis virg.	R. missouriense
Arenaria later.	Helianthus strum.	Rosa sp.
Arisaema atror.	Hepatica acutil.	Rubus alleghen.
Asarum canad.	Heuchera richard.	R. occidentalis
Aster macrophyll.	Hydrastis canad.	R. strigosus
A. sagittifolius	Hydrophyllum virg.	Sambucus canad.
A. shortii	Hystrix patula	Sanguinaria can.
Athyrium angust.	Impatiens biflora	Sanicula gregaria
Aureolaria grandif.	I. pallida	S. marilandica
Botrychium vir.	Isopyrum bitern.	Smilacina racemosa
Brachyelytrum	Lactuca spicata	S. stellata
Campanula amer.	Laportea canad.	Smilax ecirrhata
Carex albursina	Lappula virgin.	S. herbacea
C. pennsylvan.	Lathyrus ochrol.	S. hispida
Caulophyllum thal.	Lonicera proclif.	Solidago altissima
Celastrus scan.	Lysimachia quadr.	S. latifolia
Circaea latif.	Maianthemum can.	S. ulmifolia
Claytonia virg.	Menispermum can.	Thalictrum dioicum
Cornus altern.	Mitella diphylla	Trillium cernuum
C. femina	Monarda fistulosa	T. flexipes
C. rugosa	Orchis spectab.	T. grandiflorum
Corylus americana	Oryzopsis racem.	T. recurvatum
Cryptotaenia canad.	Osmorhiza clayton.	Triosteum perfoliatum
Cypripedium pubesc.	C. longistylis	Uvularia grandiflora
Cystopteris frag.	Osmunda clayton.	Veronicastrum virg.
Dentaria laciniata	Panax quinquef.	Viburnum acerifolium
Desmodium acumin.	Panicum latifolium	V. affine
D. nudiflorum	Parietaria pennsylv.	Viola cucullata
Dicentra cucullaria	Parthenocissus vit.	V. pubescens
Dodecatheon meadia	Phlox divaricata	Vitis aestivalis
Dryopteris spinulosa	Phryma leptostachya	V. riparia
Erigeron pulchellus	Podophyllum pelt.	Zanthoxylum americ.
Erythronium albidum	Polemonium reptans	Zizia aurea

Carex sp.

 Tree : BA : S : Tree : BA : S : Tree : BA : S

5

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum 93
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra 43
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

Distance: 13

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs
 Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	38		F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		390
Crataegus sp.			P. serotina					

6

- Actaea sp.
- Adiantum pedat.
- Agrimonia gryp.
- Allium tricocc.
- Amphicarpa brac.
- Anemone quinque.
- A. virginiana
- Anemonella thal.
- Antennaria sp.
- Aplectrum hiem.
- Apocynum andros.
- Aquilegia canad.
- Aralia nudicaul.
- A. racemosa
- Arenaria later.
- Arisaema atror.
- Asarum canad.
- Aster macrophyll.
- A. sagittifolius
- A. shortii
- Athyrium angust.
- Aureolaria grandif.
- Botrychium vir.
- Brachyelytrum
- Campanula amer.
- Carex albursina
- C. pennsylvan.
- Caulophyllum thal.
- Celastrus scan.
- Circaea latif.
- Claytonia virg.
- Cornus altern.
- C. femina
- C. rugosa
- Corylus americana
- Cryptotaenia canad.
- Cypripedium pubesc.
- Cystopteris frag.
- Dentaria laciniata
- Desmodium acumin.
- D. nudiflorum
- Dicentra cucullaria
- Dodecatheon meadia
- Dryopteris spinulosa
- Erigeron pulchellus
- Erythronium albidum

- Shrubs & Herbs
- Eupatorium purpur.
 - Eupatorium rugosum
 - Festuca obtusa
 - Fragaria virgin.
 - Galium aparine
 - G. circaezans
 - G. concinnum
 - G. lanceolatum
 - G. triflorum
 - Geranium macul.
 - Geum canadense
 - Goodyera pubesc.
 - Habenaria bract.
 - Hamamelis virg.
 - Helianthus strum.
 - Hepatica acutil.
 - Heuchera richard.
 - Hydrastis canad.
 - Hydrophyllum virg.
 - Hystrix patula
 - Impatiens biflora
 - I. pallida
 - Isopyrum bitern.
 - Lactuca spicata
 - Laportea canad.
 - Lappula virgin.
 - Lathyrus ochrol.
 - Lonicera prolif.
 - Lysimachia quadr.
 - Maianthemum can.
 - Menispermum can.
 - Mitella diphylla
 - Monarda fistulosa
 - Orchis spectab.
 - Oryzopsis racem.
 - Osmorhiza clayton.
 - C. longistylis
 - Osmunda clayton.
 - Panax quinquef.
 - Panicum latifolium
 - Parietaria pennsylv.
 - Parthenocissus vit.
 - Phlox divaricata
 - Phryma leptostachya
 - Podophyllum pelt.
 - Polemonium reptans

- Distance: 19
- Polygonatum commut.
 - Polygonatum pubesc.
 - Polygonum virgin.
 - Potentilla simpl.
 - Prenanthes alba
 - Pteridium aquil.
 - Pyrola elliptica
 - Ranunculus abort.
 - R. recurvatus
 - R. septentrion.
 - Rhus radicans
 - Ribes americanum
 - R. cynosbati
 - R. missouriense
 - Rosa sp.
 - Rubus alleghen.
 - R. occidentalis
 - R. strigosus
 - Sambucus canad.
 - Sanguinaria can.
 - Sanicula gregaria
 - S. marilandica
 - Smilacina racemosa
 - S. stellata
 - Smilax ecirrhata
 - S. herbacea
 - S. hispida
 - Solidago altissima
 - S. latifolia
 - S. ulmifolia
 - Thalictrum dioicum
 - Trillium cernuum
 - T. flexipes
 - T. grandiflorum
 - T. recurvatum
 - Triosteum perfoliatum
 - Uvularia grandiflora
 - Veronicastrum virg.
 - Viburnum acerifolium
 - V. affine
 - Viola cucullata
 - V. pubescens
 - Vitis aestivalis
 - V. riparia
 - Zanthoxylum americ.
 - Zizia aurea

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american 203
 Ulmus american
 U. fulva 137

Distance: 16

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemone thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lappula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum 15
 Amelanchier sp. 60
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

Distance: 10

Shrubs & Herbs

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaeans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lappula virgin.
 Lathyrus ochrol.
 Lonicera proclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

8

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum			F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

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Distance: 97
65
28.5

Shrubs & Herbs

Actaea sp.	Eupatorium purpur.	Polygonatum commut.
Adiantum pedat.	Eupatorium rugosum	Polygonatum pubesc.
Agrimonia gryp.	Festuca obtusa	Polygonum virgin.
Allium tricocc.	Fragaria virgin.	Potentilla simpl.
Amphicarpa brac.	Galium aparine	Prenanthes alba
Anemone quinque.	G. circaezans	Pteridium aquil.
A. virginiana	G. concinnum	Pyrola elliptica
Anemonella thal.	G. lanceolatum	Ranunculus abort.
Antennaria sp.	G. triflorum	R. recurvatus
Aplectrum hiem.	Geranium macul.	R. septentrion.
Apocynum andros.	Geum canadense	Rhus radicans
Aquilegia canad.	Goodyera pubesc.	Ribes americanum
Aralia nudicaul.	Habenaria bract.	R. cynosbati
A. racemosa	Hamamelis virg.	R. missouriense
Arenaria later.	Helianthus strum.	Rosa sp.
Arisaema atror.	Hepatica acutil.	Rubus alleghen.
Asarum canad.	Heuchera richard.	R. occidentalis
Aster macrophyll.	Hydrastis canad.	R. strigosus
A. sagittifolius	Hydrophyllum virg.	Sambucus canad.
A. shortii	Hystrix patula	Sanguinaria can.
Athyrium angust.	Impatiens biflora	Sanicula gregaria
Aureolaria grandif.	I. pallida	S. marilandica
Botrychium vir.	Isopyrum bitern.	Smilacina racemosa
Brachyelytrum	Lactuca spicata	S. stellata
Campanula amer.	Laportea canad.	Smilax ecirrhata
Carex albursina	Lappula virgin.	S. herbacea
C. pennsylvan.	Lathyrus ochrol.	S. hispida
Caulophyllum thal.	Lonicera proclif.	Solidago altissima
Celastrus scan.	Lysimachia quadr.	S. latifolia
Circaea latif.	Maianthemum can.	S. ulmifolia
Claytonia virg.	Menispermum can.	Thalictrum dioicum
Cornus altern.	Mitella diphylla	Trillium cernuum
C. femina	Monarda fistulosa	T. flexipes
C. rugosa	Orchis spectab.	T. grandiflorum
Corylus americana	Oryzopsis racem.	T. recurvatum
Cryptotaenia canad.	Osmorhiza clayton.	Triosteum perfoliatum
Cypripedium pubesc.	C. longistylis	Uvularia grandiflora
Cystopteris frag.	Osmunda clayton.	Veronicastrum virg.
Dentaria laciniata	Panax quinquef.	Viburnum acerifolium
Desmodium acumin.	Panicum latifolium	V. affine
D. nudiflorum	Parietaria pennsylv.	Viola cucullata
Dicentra cucullaria	Parthenocissus vit.	V. pubescens
Dodecatheon meadia	Phlox divaricata	Vitis aestivalis
Dryopteris spinulosa	Phryma leptostachya	V. riparia
Frigeron pulchellus	Podophyllum pelt.	Zanthoxylum americ.
Erythronium albidum	Polemonium reptans	Zizia aurea

Carex sp.

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum {62
 A. saccharum {62
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Frigeron pulchellus
 Erythronium albidum

Shrubs & Herbs
 Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaeans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Pedophyllum pelt.
 Polemonium reptans

Distance: 16
 Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Ivularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

10

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum			F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaeazans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 O. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Distance: 17.5

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum 45
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva 131

Distance: 15

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Frigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaeazans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Pclemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Hivularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Removal?

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	28	3	F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoii			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		14
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Distance: 15

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cyripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	380		F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american	68"	
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Frigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Distance: 19

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum			F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Distance: 22

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atrop.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lappula virgin.
 Lathyrus ochrol.
 Lonicera proclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Carex sp.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	18	85	F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoii			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american		
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

16

Distance: 24

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Shrubs & Herbs

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 O. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

W.L. Sedge

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum			F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.	16		Q. velutina		
B. papyrifera			Populus deltoii			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american	47	
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

Distance: 17.5

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Actaea sp.			<u>Shrubs & Herbs</u>			Polygonatum commut.		
Adiantum pedat.			Eupatorium purpur.			Polygonatum pubesc.		
Agrimonia gryp.			Eupatorium rugosum			Polygonum virgin.		
Allium tricocc.			Festuca obtusa			Potentilla simpl.		
Amphicarpa brac.			Fragaria virgin.			Prenanthes alba		
Anemone quinque.			Galium aparine			Pteridium aquil.		
A. virginiana			G. circaezans			Pyrola elliptica		
Anemonella thal.			G. concinnum			Ranunculus abort.		
Antennaria sp.			G. lanceolatum			R. recurvatus		
Aplectrum hiem.			G. triflorum			R. septentrion.		
Apocynum andros.			Geranium macul.			Rhus radicans		
Aquilegia canad.			Geum canadense			Ribes americanum		
Aralia nudicaul.			Goodyera pubesc.			R. cynosbati		
A. racemosa			Habenaria bract.			R. missouriense		
Arenaria later.			Hamamelis virg.			Rosa sp.		
Arisaema atrop.			Helianthus strum.			Rubus alleghen.		
Asarum canad.			Hepatica acutil.			R. occidentalis		
Aster macrophyll.			Heuchera richard.			R. strigosus		
A. sagittifolius			Hydrastis canad.			Sambucus canad.		
A. shortii			Hydrophyllum virg.			Sanguinaria can.		
Athyrium angust.			Hystrix patula			Sanicula gregaria		
Aureolaria grandif.			Impatiens biflora			S. marilandica		
Botrychium vir.			I. pallida			Smilacina racemosa		
Brachyelytrum			Isopyrum bitern.			S. stellata		
Campanula amer.			Lactuca spicata			Smilax ecirrhata		
Carex albursina			Laportea canad.			S. herbacea		
C. pennsylvan.			Lappula virgin.			S. hispida		
Caulophyllum thal.			Lathyrus ochrol.			Solidago altissima		
Celastrus scan.			Lonicera prolif.			S. latifolia		
Circaea latif.			Lysimachia quadr.			S. ulmifolia		
Claytonia virg.			Maianthemum can.			Thalictrum dioicum		
Cornus altern.			Menispermum can.			Trillium cernuum		
C. femina			Mitella diphylla			T. flexipes		
C. rugosa			Monarda fistulosa			T. grandiflorum		
Corylus americana			Orchis spectab.			T. recurvatum		
Cryptotaenia canad.			Oryzopsis racem.			Triosteum perfoliatum		
Cypripedium pubesc.			Osmorhiza clayton.			Uvularia grandiflora		
Cystopteris frag.			C. longistylis			Veronicastrum virg.		
Dentaria laciniata			Osmunda clayton.			Viburnum acerifolium		
Desmodium acumin.			Panax quinquef.			V. affine		
D. nudiflorum			Panicum latifolium			Viola cucullata		
Dicentra cucullaria			Parietaria pennsylv.			V. pubescens		
Dodecatheon meadia			Parthenocissus vit.			Vitis aestivalis		
Dryopteris spinulosa			Phlox divaricata			V. riparia		
Erigeron pulchellus			Phryma leptostachya			Zanthoxylum americ.		
Erythronium albidum			Podophyllum pelt.			Zizia aurea		
			Polemonium reptans					

- 30 July 1933

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fagus grandif.			Prunus virgin.		
A. rubrum			Fraxinus amer.			Quercus alba		
A. saccharinum			F. nigra			Q. bicolor		
A. saccharum	50	1	F. pennsylvan.			Q. ellipsoid.		
Amelanchier sp.			Juglans cinere			Q. macrocarpa		
Betula lutea			J. nigra			Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoi			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
Carya cordifor			P. tremuloides			Tilia american	340	
C. ovata			Prunus americ.			Ulmus american		
Celtis occiden			P. pennsylvan.			U. fulva		
Crataegus sp.			P. serotina					

18

- Actaea sp.
- Adiantum pedat.
- Agrimonia gryp.
- Allium tricocc.
- Amphicarpa brac.
- Anemone quinque.
- A. virginiana
- Anemonella thal.
- Antennaria sp.
- Aplectrum hiem.
- Apocynum andros.
- Aquilegia canad.
- Aralia nudicaul.
- A. racemosa
- Arenaria later.
- Arisaema atror.
- Asarum canad.
- Aster macrophyll.
- A. sagittifolius
- A. shortii
- Athyrium angust.
- Aureolaria grandif.
- Botrychium vir.
- Brachyelytrum
- Campanula amer.
- Carex albursina
- C. pennsylvan.
- Caulophyllum thal.
- Celastrus scan.
- Circaea latif.
- Claytonia virg.
- Cornus altern.
- C. femina
- C. rugosa
- Corylus americana
- Cryptotaenia canad.
- Cypripedium pubesc.
- Cystopteris frag.
- Dentaria laciniata
- Desmodium acumin.
- D. nudiflorum
- Dicentra cucullaria
- Dodecatheon meadia
- Dryopteris spinulosa
- Erigeron pulchellus
- Erythronium albidum

Shrubs & Herbs

- Eupatorium purpur.
- Eupatorium rugosum
- Festuca obtusa
- Fragaria virgin.
- Galium aparine
- G. circaezans
- G. concinnum
- G. lanceolatum
- G. triflorum
- Geranium macul.
- Geum canadense
- Goodyera pubesc.
- Habenaria bract.
- Hamamelis virg.
- Helianthus strum.
- Hepatica acutil.
- Heuchera richard.
- Hydrastis canad.
- Hydrophyllum virg.
- Hystrix patula
- Impatiens biflora
- I. pallida
- Isopyrum bitern.
- Lactuca spicata
- Laportea canad.
- Lappula virgin.
- Lathyrus ochrol.
- Lonicera proclif.
- Lysimachia quadr.
- Maianthemum can.
- Menispermum can.
- Mitella diphylla
- Monarda fistulosa
- Orchis spectab.
- Oryzopsis racem.
- Osmorhiza clayton.
- C. longistylis
- Osmunda clayton.
- Panax quinquef.
- Panicum latifolium
- Parietaria pennsylv.
- Parthenocissus vit.
- Phlox divaricata
- Phryma leptostachya
- Podophyllum pelt.
- Polemonium reptans

Distance:

19

- Polygonatum commut.
- Polygonatum pubesc.
- Polygonum virgin.
- Potentilla simpl.
- Prenanthes alba
- Pteridium aquil.
- Pyrola elliptica
- Ranunculus abort.
- R. recurvatus
- R. septentrion.
- Rhus radicans
- Ribes americanum
- R. cynosbati
- R. missouriense
- Rosa sp.
- Rubus alleghen.
- R. occidentalis
- R. strigosus
- Sambucus canad.
- Sanguinaria can.
- Sanicula gregaria
- S. marilandica
- Smilacina racemosa
- S. stellata
- Smilax yecirrhata
- S. herbacea
- S. hispida
- Solidago altissima
- S. latifolia
- S. ulmifolia
- Thalictrum dioicum
- Trillium cernuum
- T. flexipes
- T. grandiflorum
- T. recurvatum
- Triosteum perfoliatum
- Uvularia grandiflora
- Veronicastrum virg.
- Viburnum acerifolium
- V. affine
- Viola cucullata
- V. pubescens
- Vitis aestivalis
- V. riparia
- Zanthoxylum americ.
- Zizia aurea

any 1.

19

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

14

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

70

Distance:

14.5

Shrubs & Herbs

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
 Desmodium acumin.
 D. nudiflorum
 Dicentra cucullaria
 Dodecatheon meadia
 Dryopteris spinulosa
 Erigeron pulchellus
 Erythronium albidum

Eupatorium purpur.
 Eupatorium rugosum
 Festuca obtusa
 Fragaria virgin.
 Galium aparine
 G. circaezans
 G. concinnum
 G. lanceolatum
 G. triflorum
 Geranium macul.
 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
 Helianthus strum.
 Hepatica acutil.
 Heuchera richard.
 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
 I. pallida
 Isopyrum bitern.
 Lactuca spicata
 Laportea canad.
 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera proclif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 C. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
 S. ulmifolia
 Thalictrum dioicum
 Trillium cernuum
 T. flexipes
 T. grandiflorum
 T. recurvatum
 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

Sedge sp

 Tree : BA : S : Tree : BA : S : Tree : BA : S

Acer negundo
 A. rubrum
 A. saccharinum
 A. saccharum
 Amelanchier sp.
 Betula lutea
 B. nigra
 B. papyrifera
 Carpinus carol
 Carya cordifor
 C. ovata
 Celtis occiden
 Crataegus sp.

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18

Fagus grandif.
 Fraxinus amer.
 F. nigra
 F. pennsylvan.
 Juglans cinere
 J. nigra
 Ostrya virgin.
 Populus deltoi
 P. grandident.
 P. tremuloides
 Prunus americ.
 P. pennsylvan.
 P. serotina

Prunus virgin.
 Quercus alba
 Q. bicolor
 Q. ellipsoid.
 Q. macrocarpa
 Q. rubra
 Q. velutina
 Robinia pseudo
 Sorbus americ.
 Tilia american
 Ulmus american
 U. fulva

20

Actaea sp.
 Adiantum pedat.
 Agrimonia gryp.
 Allium tricocc.
 Amphicarpa brac.
 Anemone quinque.
 A. virginiana
 Anemonella thal.
 Antennaria sp.
 Aplectrum hiem.
 Apocynum andros.
 Aquilegia canad.
 Aralia nudicaul.
 A. racemosa
 Arenaria later.
 Arisaema atror.
 Asarum canad.
 Aster macrophyll.
 A. sagittifolius
 A. shortii
 Athyrium angust.
 Aureolaria grandif.
 Botrychium vir.
 Brachyelytrum
 Campanula amer.
 Carex albursina
 C. pennsylvan.
 Caulophyllum thal.
 Celastrus scan.
 Circaea latif.
 Claytonia virg.
 Cornus altern.
 C. femina
 C. rugosa
 Corylus americana
 Cryptotaenia canad.
 Cypripedium pubesc.
 Cystopteris frag.
 Dentaria laciniata
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Shrubs & Herbs

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 Geum canadense
 Goodyera pubesc.
 Habenaria bract.
 Hamamelis virg.
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 Hepatica acutil.
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 Hydrastis canad.
 Hydrophyllum virg.
 Hystrix patula
 Impatiens biflora
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 Isopyrum bitern.
 Lactuca spicata
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 Lapoula virgin.
 Lathyrus ochrol.
 Lonicera prolif.
 Lysimachia quadr.
 Maianthemum can.
 Menispermum can.
 Mitella diphylla
 Monarda fistulosa
 Orchis spectab.
 Oryzopsis racem.
 Osmorhiza clayton.
 O. longistylis
 Osmunda clayton.
 Panax quinquef.
 Panicum latifolium
 Parietaria pennsylv.
 Parthenocissus vit.
 Phlox divaricata
 Phryma leptostachya
 Podophyllum pelt.
 Polemonium reptans

Distance:

26

Polygonatum commut.
 Polygonatum pubesc.
 Polygonum virgin.
 Potentilla simpl.
 Prenanthes alba
 Pteridium aquil.
 Pyrola elliptica
 Ranunculus abort.
 R. recurvatus
 R. septentrion.
 Rhus radicans
 Ribes americanum
 R. cynosbati
 R. missouriense
 Rosa sp.
 Rubus alleghen.
 R. occidentalis
 R. strigosus
 Sambucus canad.
 Sanguinaria can.
 Sanicula gregaria
 S. marilandica
 Smilacina racemosa
 S. stellata
 Smilax ecirrhata
 S. herbacea
 S. hispida
 Solidago altissima
 S. latifolia
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 Thalictrum dioicum
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 T. flexipes
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 Triosteum perfoliatum
 Uvularia grandiflora
 Veronicastrum virg.
 Viburnum acerifolium
 V. affine
 Viola cucullata
 V. pubescens
 Vitis aestivalis
 V. riparia
 Zanthoxylum americ.
 Zizia aurea

	#As	#Trees	Down	F%	%ZF	D%	Down%	DFD	CI	
S. Maple	34	48	3093	85	52	60	50	162	1620	Distance
Basswood	15	17	1448	42.5	26	21	23	70		17.69
Am Elm	4	4	805	10	6	5	13	24		
Buttumt	4	4	630	10	6	5	10	21		Rv 13A
SL Elm	2	2	88	5	2	2.5	1	4		77.01
Cherry	2	2	46	5	2	2.5	1	4		Tree/Area
Hickory	2	2	33	5	2	2.5	1	4		160.7
Ironwood	1	1	18	2.5	2	1	-	3		Down/Area
	<u>64</u>	<u>80</u>								12375.58 m

mean area/Tree 271

Down/Area = 95.94
sq ft.

Albany Woods 1
Cottons Survey 1947
40 PTS -

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Tree	#		Size Cl. sq in			Dom.	#		F.%	F.%	D.%	Dom %	D F D	CI	Station No.
	Pts	Tr.	-80	-320	:321		Sap	Seed							
Acer rubrum															Total Length of Transect. 716'
A. sacchar.	35	47	$\frac{38}{1132}$	$\frac{2}{807}$	$\frac{2}{792}$	3031			51.7	58.7	48.9	162	1620		Total Area of Transect.
Carya cord.	2	2	$\frac{2}{34}$			34			3.1	2.5	.5	6	51		Ave. Dist. Btw'n Trees 17.9
C. ovata															Saplings/unit area
Fagus gran.															Ave. BA (Total BA=80)
Fraxinus am															No. Trees/acre 77.9 sq in
F. penn.															Dom./acre 157 ?
Juglans cin	4	4	$\frac{1}{77}$	$\frac{3}{533}$		630			6.2	5.0	10.2	21	136		12,230 ?
J. nigra															
Ostrya vir.	1	1	$\frac{1}{26}$			26			1.6	1.2	.4	3	24		
Populus gr.															
P. tremuloi															
Prunus sero	2	2	$\frac{2}{43}$			43			3.1	2.5	.7	6	21		
Quercus al.															
Q. macrocar															
Q. rubra															
Q. velutina															
Tilia amer.	14	17	$\frac{12}{514}$	$\frac{4}{639}$	$\frac{1}{315}$	1468			21.9	21.2	23.7	67	502		
Ulmus amer.															
U. fulva	6	7	$\frac{4}{225}$	$\frac{3}{241}$		966			9.4	8.7	15.6	34	238		
Totals		80				$\frac{3}{1167}$	6198		$\frac{1}{10}$					2592	

7.2

1949-R. Brown J.T.C. RMC

Tree	#		Size Cl. sq. in.			#		F.%	F.%	D.%	Dom %	D F D	C.I.	Station No. 1033
	Pts.	Tr.	-80:	-320:	:321	Dom.	Sap:							
Acer rubrum														Total Length of Transect. 358.5
A. sacchar.	16	23	$\frac{18}{757}$	$\frac{4}{363}$	$\frac{1}{380}$	1500	6	75	51.5	57.5	40.6	150	1500	Total Area of Transect. 1183.
Carya cord.														Ave. Dist. Btw'n Trees 17.9
C. ovata														Saplings/unit area
Fagus gran.														Ave. BA (Total BA=80) 92.4
Fraxinus am														No. Trees/acre
F. penn.														Dom./acre
Juglans cin														
J. nigra	1	1	$\frac{1}{43}$			43		3.2	2.5	1.2		7	35	
Ostrya vir.	1	1	$\frac{1}{16}$			16		3.2	2.5	.4		6	48	
Populus gr.														
P. tremuloi														
Prunus sero														
Quercus al.	1	1	$\frac{1}{278}$			278		3.2	2.5	7.5		13	52	
Q. macrocar														
Q. rubra														
Q. velutina														
Tilia amer.	7	8	$\frac{4}{196}$	$\frac{3}{370}$	$\frac{1}{370}$	906	1	10	22.5	20	24.5	67	502	
Ulmus amer.														
U. fulva	5	6	$\frac{1}{65}$	$\frac{4}{479}$	$\frac{1}{390}$	954		2.5	17.0	15	25.8	58	406	
Persea virginiana								10						
Totals	80	25	$\frac{12}{1077}$	$\frac{3}{1510}$	$\frac{3}{1110}$	3697	7	155	✓	✓	✓		2543	

ojm

G. Cottam
Field Notes.

(Note) stated woods to way between
allways same

2N-8E Sec. 15

1033

Number /

Location

592

New

Old

Species

Am Elm

Species

Ban Spr

Species

Same

Circumference

26

Circumference

22

Circumference

Distance

Ft.

14

In.

1

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Am Slippery elm

Ironwood

Box elder

Black locust

Maple

Shrubs

Hazel

Vitis vulpina

Choke cherry

Grey dogwood

Vitis bicolor

Amelanchier

Blackberry

Woodbine

Vaccinium

Red raspberry

Viburnum lentago

Amorpha

Black raspberry

Viburnum acerifolium

Ceanothus

Celastrus

Poison ivy

Salix

Herbs

Smilacina racemosa

Smilacina stellata

Euphorbia

Geranium

Fragaria

Agrimonia

Desmodium acum.

Lysimachia

Geum can.

Galium concinnum

Apocynum

Prenanthes

Circaea latifolia

Aster sagit

Thalictrum

Osmorhiza Claytonii

Potentilla can.

Parietaria

Amphicarpa bract.

Viola

Athyrium

Phryma

Anemone

Pteridium

Aralea nudicaulis

Pyrola

Botrychium

Helianthus

Goodyera

Lactuca

Desmodium nud.

Convolvulus

Smilax E

Hosta 294

Galium 4

Number 2 Location 592

New Old

Species Maple Species Cherry Species ---
 Circumference 29 Circumference 19 Circumference ---

Distance Ft. 27 In. 2 Distance Ft. --- In. ---

Trees

Less than one foot	More than one foot	More than one inch
White oak	---	---
Black oak	---	---
Bur oak	---	---
Cherry	---	---
Hickory	---	---
Slippery elm	---	---
Ironwood	---	---
Box elder	---	---
Black locust	---	---
<u>Maple</u>	<input checked="" type="checkbox"/>	---

Shrubs

Hazel	---	Vitis vulpina	---	Choke cherry	---
Grey dogwood	---	Vitis bicolor	---	Amelanchier	---
Blackberry	---	Woodbine	<input checked="" type="checkbox"/>	Vaccinium	---
Red raspberry	---	Vibernum lentago	---	Amorpha	---
Black raspberry	---	Vibernum acerifolium	---	Ceanothus	---
Celastrus	<input checked="" type="checkbox"/>	Poison ivy	---	Salix	---

~~Viburnum acerifolium~~
 792 Ovale

Herbs

Smilacina racemosa	---	Smilacina stellata	---	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	<input checked="" type="checkbox"/>	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	---	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	<input checked="" type="checkbox"/>	Athyrium	---
Phryma	---	Anemone	---	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	---
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nudi.	---	Convolvulus	---	<u>Carry</u>	<input checked="" type="checkbox"/>

Smilax E
 1 7 3 lobate Not lobed
 2 " " lobed 293
 3 5 lobate fine serrate (Bonage) 295

Number 3

Location 592

New

Old

Species Bass ✓
Circumference 13

Species maple ✓
Circumference 37

Species Same
Circumference

Distance Ft. 24 In. 3

Distance Ft. In.

Trees

Less than one foot

More than one foot

More than one inch

White oak
 Black oak
 Bur oak
 Cherry
 Hickory
 Slippery elm
 Ironwood
 Box elder
 Black locust
maple ✓

✓

Shrubs

Hazel
 Grey dogwood
 Blackberry
 Red raspberry
 Black raspberry
 Celastrus

Vitis vulpina
 Vitis bicolor
 Woodbine ✓
 Vibernum lentago
 Vibernum acerifolium
 Poison ivy

Choke cherry
 Amelanchier
 Vaccinium
 Amorpha
 Ceanothus
 Salix

Herbs

Smilacina racemosa
 Geranium
 Desmodium acum.
 Galium concinaum
 Circaea latifolia ✓
 Osmorhiza Claytonii ✓
 Amphicarpa bract.
 Phryma
 Aralea nudicaulis
 Helianthus
 Desmodium nud.

Smilacina stellata
 Fragaria
 Lysimachia
 Apocynum
 Aster sagit
 Potentilla can.
 Viola
 Anemone
 Pyrola
 Goodyera
 Convolvulus

Euphorbia
 Agrimonia
 Geum can.
 Prenanthes
 Thalictrum
 Parietaria
 Athyrium
 Pteridium
 Botrychium
 Lactuca

3

✓ Podophyllum 2

Number 4 Location 592

New		Old	
Species	<u>Maple</u>	Species	<u>Maple</u>
Circumference	<u>30</u>	Circumference	<u>21</u>
Distance	Ft. <u>19</u> In. <u>11</u>	Distance	Ft. <u>9</u> In. <u>5</u>

Trees

Less than one foot	More than one foot	More than one inch
White oak	---	---
Black oak	---	---
Bur oak	---	---
Cherry	---	---
Hickory	---	---
Slippery elm	---	---
Ironwood	---	---
Box elder	---	---
Black locust	---	---

Shrubs

Hazel	---	Vitis vulpina	<input checked="" type="checkbox"/>	Choke cherry	---
Grey dogwood	---	Vitis bicolor	<input checked="" type="checkbox"/>	Amelanchier	---
Blackberry	---	Woodbine	---	Vaccinium	---
Red raspberry	---	Vibernum lentago	---	Amorpha	---
Black raspberry	---	Vibernum acerifolium	---	Ceanothus	---
Celastrus	<input checked="" type="checkbox"/>	Poison ivy	---	Salix	---

Herbs

Smilacina racemosa	<input checked="" type="checkbox"/>	Smilacina stellata	<input checked="" type="checkbox"/>	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	---	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	<input checked="" type="checkbox"/>	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	<input checked="" type="checkbox"/>	Athyrium	---
Phryma	---	Anemone	---	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	---
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nudi.	---	Convolvulus	---		
<u>Bloodroot</u>	<input checked="" type="checkbox"/>	<u>Trollium</u>	<input checked="" type="checkbox"/>		
<u>3 795</u>	<input checked="" type="checkbox"/>				

Number 5

Location 592

	New		Old	
Species	<u>Maple</u> ✓	Species	<u>Barnum</u> ✓	Species <u>Same</u>
Circumference	<u>19</u>	Circumference	<u>22</u>	Circumference <u> </u>
Distance	Ft. <u>10</u> In. <u>2</u>	Distance	Ft. <u> </u> In. <u> </u>	

Trees

Less than one foot More than one foot More than one inch

White oak	___	___	___
Black oak	___	___	___
Bur oak	___	___	___
Cherry	___	___	___
Hickory	___	___	___
Slippery elm	___	___	___
Ironwood	___	___	___
Box elder	___	___	___
Black locust	___	___	___
<u>Maple</u>	✓	✓	___

Shrubs

Hazel	___	Vitis vulpina	___	Choke cherry	___
Grey dogwood	___	Vitis bicolor	___	Amelanchier	___
Blackberry	___	Woodbine	✓	Vaccinium	___
Red raspberry	___	Vibernum lentago	✓	Amorpha	___
Black raspberry	___	Vibernum acerifolium	___	Ceanothus	___
Celastrus	___	Poison ivy	___	Salix	___

Herbs

Smilacina racemosa	___	Smilacina stellata	___	Euphorbia	___
Geranium	___	Fragaria	___	Agrimonia	___
Desmodium acum.	___	Lysimachia	___	Geum can.	___
Galium concinnum	___	Apocynum	___	Prenanthes	___
Circaea latifolia	✓	Aster sagit	___	Thalictrum	___
Osmorhiza Claytonii	___	Potentilla can.	___	Parietaria	___
Amphicarpa bract.	___	Viola	✓	Athyrium	___
Phryma	___	Anemone	___	Pteridium	___
Aralea nudicaulis	___	Pyrola	___	Botrychium	___
Helianthus	___	Goodyera	___	Lactuca	___
Desmodium nudif.	___	Convolvulus	___	<u>anemone</u>	✓

3 295
Trillium ✓
289 Harry berry petioled ✓

Number 6 Location 592

New	Species <u>Maple</u>	Old	Species <u>cherry</u>	Species <u>Same</u>
Circumference	<u>ED</u>	Circumference	<u>15</u>	Circumference <u>---</u>
Distance	Ft. <u>13</u> In. <u>3</u>	Distance	Ft. <u>---</u> In. <u>---</u>	

Trees

Less than one foot	More than one foot	More than one inch
White oak	---	---
Black oak	---	---
Bur oak	---	---
Cherry	---	---
Hickory	---	---
Slippery elm	---	---
Ironwood	---	---
Box elder	---	---
Black locust	---	---
_____	---	---

Shrubs

Hazel	---	Vitis vulpina	---	Choke cherry	---
Grey dogwood	---	Vitis bicolor	---	Amelanchier	---
Blackberry	---	Woodbine	<u>✓</u>	Vaccinium	---
Red raspberry	---	Vibernum lentago	---	Amorpha	---
Black raspberry	---	Vibernum acerifolium	---	Ceanothus	---
Celastrus	---	Poison ivy	---	Salix	---
_____	---	<u>Amorpha? 297</u>	<u>✓</u>	_____	---

Herbs

Smilacina racemosa	---	Smilacina stellata	---	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	---	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	---	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	<u>✓</u>	Athyrium	---
Phryma	---	Anemone	<u>✓</u>	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	<u>✓</u>
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nudif.	---	Convolvulus	---		
<u>3 295</u>	<u>✓</u>				
<u>Podoc</u>	<u>✓</u>				
<u>Blackchroot</u>	<u>✓</u>				

Number 7 Location 592

New		Old	
Species <u>Bam</u>	Species <u>Bam</u>	Species <u>---</u>	Species <u>---</u>
Circumference <u>30</u>	Circumference <u>18</u>	Circumference <u>---</u>	Circumference <u>---</u>
Distance Ft. <u>19</u> In. <u>4</u>	Distance Ft. <u>---</u> In. <u>---</u>	Distance Ft. <u>---</u> In. <u>---</u>	Distance Ft. <u>---</u> In. <u>---</u>

Trees

Less than one foot	More than one foot	More than one inch
White oak	---	---
Black oak	---	---
Bur oak	---	---
Cherry	---	---
Hickory	---	---
Slippery elm	---	---
Ironwood	---	---
Box elder	---	---
Black locust	---	---
<u>Maple</u>	<u>✓</u>	---

Shrubs

Hazel	---	Vitis vulpina	---	Choke cherry	---
Grey dogwood	---	Vitis bicolor	---	Amelanchier	---
Blackberry	---	Woodbine	---	Vaccinium	---
Red raspberry	---	Viburnum lentago	---	Amorpha	---
Black raspberry	---	Viburnum acerifolium	---	Ceanothus	---
Celastrus	---	Poison ivy	---	Salix	---

Herbs

Smilacina racemosa	<u>✓</u>	Smilacina stellata	<u>✓</u>	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	---	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	<u>✓</u>	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	<u>✓</u>	Athyrium	---
Phryma	---	Anemone	---	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	---
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nudi.	---	Convolvulus	---		
<u>Podophyllum</u>	<u>✓</u>	<u>Smilax E</u>	<u>✓</u>		
<u>3 745</u>		<u>Trillium</u>	<u>✓</u>		

1033

Number

8

Location

592

New

Old

Species Bass
Circumference 31

Species Am Elm
Circumference 64

Species _____
Circumference _____

Distance Ft. 16 In. 10

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
 Black oak _____
 Bur oak _____
 Cherry _____
 Hickory _____
 Slippery elm _____
 Ironwood _____
 Box elder _____
 Black locust _____
Maple ✓

Shrubs

Hazel _____
 Grey dogwood _____
 Blackberry _____
 Red raspberry _____
 Black raspberry _____
 Celastrus _____
Red Root 790

Vitis vulpina _____
 Vitis bicolor _____
 Woodbine ✓
 Vibernum lentago _____
 Vibernum acerifolium _____
 Poison ivy _____
Grape 791

Choke cherry _____
 Amelanchier _____
 Vaccinium _____
 Amorpha _____
 Ceanothus _____
 Salix _____

Herbs

Smilacina racemosa ✓
 Geranium _____
 Desmodium acum. _____
 Galium concinnum _____
 Circaea latifolia _____
 Osmorhiza Claytonii ✓
 Amphicarpa bract. ✓
 Phryma ✓
 Aralea nudicaulis _____
 Helianthus _____
 Desmodium nudi. _____
3 795
Urnula

Smilacina stellata ✓
 Fragaria _____
 Lysimachia _____
 Apocynum _____
 Aster sagit _____
 Potentilla can. _____
 Viola _____
 Anemone _____
 Pyrola _____
 Goodyera _____
 Convolvulus _____
Gumwort 14

Euphorbia _____
 Agrimonia _____
 Geum can. _____
 Prenanthes _____
 Thalictrum _____
 Parietaria _____
 Athyrium _____
 Pteridium _____
 Botrychium ✓
 Lactuca _____
Carex ✓

Return

1033

Number

9

Location

592

New

Old

Species

Ironwood

Species

Butternut

Species

Circumference

14

Circumference

36

Circumference

Distance

Ft.

11

In.

10

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

✓

Viburnum lentago

Viburnum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

✓

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

✓

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nudi.

Smilacina stellata

✓

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

3 795
myrtles

777

1033

Number 10

Location 592

New

Old

Species Maple
Circumference 19

Species Horn Elm
Circumference 50

Species Same
Circumference

Distance Ft. 22 In. 2

Distance Ft. In.

Trees

Less than one foot	More than one foot	More than one inch
White oak		
Black oak		
Bur oak		
Cherry		
Hickory		
Slippery elm		
Ironwood		
Box elder		
Black locust		

Shrubs

Hazel		Vitis vulpina		Choke cherry	
Grey dogwood		Vitis bicolor		Amelanchier	
Blackberry		Woodbine		Vaccinium	
Red raspberry		Viburnum lentago		Amorpha	
Black raspberry		Viburnum acerifolium		Ceanothus	
Celastrus		Poison ivy		Salix	

Herbs

Smilacina racemosa	✓	Smilacina stellata	✓	Euphorbia	
Geranium		Fragaria		Agrimonia	
Desmodium acun.		Lysimachia		Geum can.	
Galium concinnum		Apocynum		Prenanthes	
Circaea latifolia		Aster sagit		Thalictrum	
Osmorhiza Claytonii		Potentilla can.		Parietaria	
Amphicarpa bract.		Viola	✓	Athyrium	
Phryma	✓	Anemone		Pteridium	
Aralea nudicaulis		Pyrola		Botrychium	✓
Helianthus		Goodyera		Lactuca	
Desmodium nudi.		Convolvulus			
Spartanum					
Bloodroot	✓				

Number 11

Location 1937 2

New
Species Maple
Circumference 19

Old
Species Maple
Circumference 15

Species W/O
Circumference 58

Distance Ft. 14 In. 11

Distance Ft. 16 In. 4

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
 Black oak _____
 Bur oak _____
 Cherry _____
 Hickory _____
 Slippery elm _____
 Ironwood _____
 Box elder _____
 Black locust _____
Maple _____ ✓

Shrubs

Hazel _____
 Grey dogwood _____
 Blackberry _____
 Red raspberry _____
 Black raspberry _____
 Celastrus _____

Vitis vulpina _____
 Vitis bicolor _____
 Woodbine _____
 Vibernum lentago _____
 Vibernum acerifolium _____
 Poison ivy _____

Choke cherry _____
 Amelanchier _____
 Vaccinium _____
 Amorpha _____
 Ceanothus _____
 Salix _____

Herbs

Smilacina racemosa _____
 Geranium _____
 Desmodium acum. _____
 Galium concinnum _____
 Circaea latifolia _____
 Osmorhiza Claytonii _____
 Amphicarpa bract. _____
 Phryma _____ ✓
 Aralea nudicaulis _____
 Helianthus _____
 Desmodium nudi. _____

Smilacina stellata _____
 Fragaria _____
 Lysimachia _____
 Apocynum _____
 Aster sagit _____
 Potentilla can. _____
 Viola _____ ✓
 Anemone _____
 Pyrola _____
 Goodyera _____
 Convolvulus _____

Euphorbia _____
 Agrimonia _____
 Geum can. _____
 Prenanthes _____
 Thalictrum _____
 Parietaria _____
 Athyrium _____
 Pteridium _____
 Botrychium _____ ✓
 Lactuca _____
comp _____

3295 ✓

1033

Number 12

Location 592

New		Old	
Species	<u>Maple</u> ✓	Species	<u>Maple</u> ✓
Circumference	<u>19</u>	Circumference	<u>23</u>
Distance	Ft. <u>11</u> In. <u>0</u>	Distance	Ft. <u> </u> In. <u> </u>

Trees

Less than one foot		More than one foot		More than one inch
White oak	---	---		---
Black oak	---	---		---
Bur oak	---	---		---
Cherry	---	---		---
Hickory	---	---		---
Slippery elm	---	---		---
Ironwood	---	---		---
Box elder	---	---		---
Black locust	---	---		---
<u>Maple</u>	✓	✓		✓

Shrubs

Hazel	---	Vitis vulpina	---	Choke cherry	---
Grey dogwood	---	Vitis bicolor	---	Amelanchier	---
Blackberry	---	Woodbine	✓	Vaccinium	---
Red raspberry	---	Vibernum lentago	---	Amorpha	---
Black raspberry	---	Vibernum acerifolium	---	Ceanothus	---
Celastrus	---	Poison ivy	---	Salix	---

Herbs

Smilacina racemosa	✓	Smilacina stellata	---	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	✓	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	---	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	✓	Athyrium	---
Phryma	✓	Anemone	---	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	---
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nudi.	---	Convolvulus	---		
<u>Bloodroot</u>	✓				
<u>Myrtatum</u>	✓				

1033

Number 13

Location 592

New

Old

Species Maple ✓
Circumference 76

Species Maple ✓
Circumference 74

Species _____
Circumference _____

Distance Ft. 17 In. 8

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
Black oak _____
Bur oak _____
Cherry _____
Hickory _____
Slippery elm _____
Ironwood _____
Box elder _____
Black locust _____

Shrubs

Hazel _____
Grey dogwood _____
Blackberry _____
Red raspberry _____
Black raspberry _____
Celastrus _____

Vitis vulpina _____
Vitis bicolor _____
Woodbine _____
Viburnum lentago _____
Viburnum acerifolium _____
Poison ivy _____

Choke cherry _____
Amelanchier _____
Vaccinium _____
Amorpha _____
Ceanothus _____
Salix _____

Herbs

Smilacina racemosa _____
Geranium _____
Desmodium acum. _____
Galium concinnum _____
Circaea latifolia _____
Osmorhiza Claytonii _____ ✓
Amphicarpa bract. _____ ✓
Phryma _____ ✓
Aralea nudicaulis _____
Helianthus _____
Desmodium nudi. _____

Smilacina stellata _____
Fragaria _____
Lysimachia _____
Apocynum _____
Aster sagit _____
Potentilla can. _____
Viola _____
Anemone _____
Pyrola _____
Goodyera _____
Convolvulus _____

Euphorbia _____
Agrimonia _____
Geum can. _____
Prenanthes _____
Thalictrum _____
Parietaria _____
Athyrium _____
Pteridium _____
Botrychium _____
Lactuca _____

Amelanchier ✓
3 295 ✓

1033

Number 14

Location 592

New

Old

Species Maple
Circumference 36

Species Am Elm
Circumference 36

Species _____
Circumference _____

Distance Ft. 7 In. 10

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
 Black oak _____
 Bur oak _____
 Cherry _____
 Hickory _____
 Slippery elm _____
 Ironwood _____
 Box elder _____
 Black locust _____

Shrubs

Hazel _____
 Grey dogwood _____
 Blackberry _____
 Red raspberry _____
 Black raspberry _____
 Celastrus _____

Vitis vulpina _____
 Vitis bicolor _____
 Woodbine _____
 Vibernum lentago _____
 Vibernum acerifolium _____
 Poison ivy _____

Choke cherry _____
 Amelanchier _____
 Vaccinium _____
 Amorpha _____
 Ceanothus _____
 Salix _____

Herbs

Smilacina racemosa _____
 Geranium _____
 Desmodium acum. _____
 Galium concinnum _____
 Circaea latifolia _____
 Osmorhiza Claytonii _____
 Amphicarpa bract. _____
 Phryma _____
 Aralea nudicaulis _____
 Helianthus _____
 Desmodium nud. _____

Smilacina stellata _____
 Fragaria _____
 Lysimachia _____
 Apocynum _____
 Aster sagit. _____
 Potentilla can. _____
 Viola _____
 Anemone _____
 Pyrola _____
 Goodyera _____
 Convolvulus _____

Euphorbia _____
 Agrimonia _____
 Geum can. _____
 Prenanthes _____
 Thalictrum _____
 Parietaria _____
 Athyrium _____
 Pteridium _____
 Botrychium _____
 Lactuca _____

Carry

1033

Number 15

Location 592

New

Old

Species

Maple ✓

Species

Maple ✓

Species

Circumference

27

Circumference

37

Circumference

—

Distance

Ft.

9

In.

10

Distance

Ft.

—

In.

—

Trees

Less than one foot

More than one foot

More than one inch

White oak —
 Black oak —
 Bur oak —
 Cherry —
 Hickory —
 Slippery elm —
 Ironwood —
 Box elder —
 Black locust —
 ———— —

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Shrubs

Hazel —
 Grey dogwood —
 Blackberry —
 Red raspberry —
 Black raspberry —
 Celastrus —
 ———— —

Vitis vulpina —
 Vitis bicolor —
 Woodbine — ✓
 Vibernum lentago —
 Vibernum acerifolium —
 Poison ivy —
 ———— —

Choke cherry —
 Amelanchier —
 Vaccinium —
 Amorpha —
 Ceanothus —
 Salix —
 ———— —

Herbs

Smilacina racemosa —
 Geranium —
 Desmodium acum. —
 Galium concinnum —
 Circaea latifolia — ✓
 Osmorhiza Claytonii — ✓
 Amphicarpa bract. — ✓
 Phryma — ✓
 Aralea nudicaulis —
 Helianthus —
 Desmodium nudi. —

Smilacina stellata —
 Fragaria —
 Lysimachia —
 Apocynum —
 Aster sagit —
 Potentilla can. —
 Viola —
 Anemone —
 Pyrola —
 Goodyera —
 Convolvulus —

Euphorbia —
 Agrimonia —
 Geum can. —
 Prenanthes —
 Thalictrum —
 Parietaria —
 Athyrium —
 Pteridium —
 Botrychium —
 Lactuca —
 Comy —

T033

Number 14 Location 592

New SV Elm Old Maple

Species Elm Species Maple Species

Circumference 11 Circumference 36 Circumference

Distance Ft. 15 In. 7 Distance Ft. In.

Trees

Less than one foot	More than one foot	More than one inch
White oak		
Black oak		
Bur oak		
Cherry		
Hickory		
Slippery elm		
Ironwood		
Box elder		
Black locust		
<u>Maple</u>	<u>✓</u>	

Shrubs

Hazel		Vitis vulpina		Choke cherry	
Grey dogwood		Vitis bicolor		Amelanchier	
Blackberry		Woodbine		Vaccinium	
Red raspberry		Viburnum lentago		Amorpha	
Black raspberry		Viburnum acerifolium		Ceanothus	
Celastrus		Poison ivy		Salix	

Herbs

Smilacina racemosa	<u>✓</u>	Smilacina stellata		Euphorbia	
Geranium		Fragaria		Agrimonia	
Desmodium acum.		Lysimachia		Geum can.	
Galium concinnum		Apocynum		Prenanthes	
Circaea latifolia		Aster sagit		Thalictrum	
Osmorhiza Claytonii		Potentilla can.		Parietaria	
Amphicarpa bract.		Viola		Athyrium	
Phryma		Anemone		Pteridium	
Aralea nudicaulis		Pyrola		Botrychium	<u>✓</u>
Helianthus		Goodyera		Lactuca	
Desmodium nudif.		Convolvulus		<u>Coma</u>	<u>✓</u>

Smilax H ✓

7033

Number

17

Location

592

New

Old

Species

Maple ✓

Species

Maple ✓

Species

Oak

Circumference

114

Circumference

13

Circumference

36 diam

Distance

Ft.

22

In.

5

Distance

Ft.

14

In.

0

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Maple ✓

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

✓

Viburnum lentago

Viburnum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

|||||

Desmodium acum.

|||||

Galium concinnum

|||||

Circaea latifolia

|||||

Osmorhiza Claytonii

|||||

Amphicarpa bract.

|||||

Phryma

|||||

Aralea nudicaulis

|||||

Helianthus

|||||

Desmodium nud.

|||||

Smilacina stellata

✓

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

Number

14

Location

1033

592

New

Old

Species

Maple

Species

Maple

Species

Circumference

15

Circumference

7

Circumference

—

Distance

Ft.

12

In.

7

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

—

Black oak

—

Bur oak

—

Cherry

—

Hickory

—

Slippery elm

—

Ironwood

—

Box elder

—

Black locust

—

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Shrubs

Hazel

—

Grey dogwood

—

Blackberry

—

Red raspberry

—

Black raspberry

—

Celastrus

—

—

—

Vitis vulpina

—

Vitis bicolor

—

Woodbine

✓

Viburnum lentago

—

Viburnum acerifolium

—

Poison ivy

—

—

—

Choke cherry

—

Amelanchier

—

Vaccinium

—

Amorpha

—

Ceanothus

—

Salix

—

—

—

Herbs

Smilacina racemosa

—

Geranium

—

Desmodium acum.

—

Galium concinnum

—

Circaea latifolia

✓

Osmorhiza Claytonii

—

Amphicarpa bract.

—

Phryma

—

Aralea nudicaulis

—

Helianthus

—

Desmodium nud.

—

Trillium

✓

Smilacina stellata

—

Fragaria

—

Lysimachia

—

Apocynum

—

Aster sagit

—

Potentilla can.

—

Viola

✓

Anemone

—

Pyrola

—

Goodyera

—

Convolvulus

—

Euphorbia

—

Agrimonia

—

Geum can.

—

Prenanthes

—

Thalictrum

—

Parietaria

—

Athyrium

—

Pteridium

—

Botrychium

—

Lactuca

—

Number 14

Location 592

1033

Maple 32

New

Old

Species

Maple

Species

Maple

Species

Stump

Circumference

50

Circumference

25

Circumference

24

Distance

Ft.

24

In.

7

Distance

Ft.

17

In.

5

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Shrubs

Hazel

Vitis vulpina

Choke cherry

Grey dogwood

Vitis bicolor

Amelanchier

Blackberry

Woodbine

✓

Vaccinium

Red raspberry

Vibernum lentago

Amorpha

Black raspberry

Vibernum acerifolium

Ceanothus

Celastrus

Poison ivy

Salix

Herbs

Smilacina racemosa

✓

Smilacina stellata

✓

Euphorbia

Geranium

Fragaria

Agrimonia

Desmodium acum.

Lysimachia

Geum can.

Galium concinnum

Apocynum

Prenanthes

Circaea latifolia

✓

Aster sagit

Thalictrum

Osmorhiza Claytonii

Potentilla can.

Parietaria

Amphicarpa bract.

Viola

✓

Athyrium

Phryma

Anemone

Pteridium

Aralea nudicaulis

Pyrola

Botrychium

Helianthus

Goodyera

Lactuca

Desmodium nudi.

Convolvulus

Compositae

Myrtaceae

1033

Number 20 Location 592

New

Old

Species Bane Species Maple Species
Circumference 34 Circumference 26 Circumference

Distance Ft. 23 In. 4 Distance Ft. In.

Trees

Less than one foot	More than one foot	More than one inch
White oak	---	---
Black oak	---	---
Bur oak	---	---
Cherry	---	---
Hickory	---	---
Slippery elm	---	---
Ironwood	---	---
Box elder	---	---
Black locust	---	---
_____	---	---

Shrubs

Hazel	---	Vitis vulpina	---	Choke cherry	---
Grey dogwood	---	Vitis bicolor	---	Amelanchier	---
Blackberry	---	Woodbine	✓	Vaccinium	---
Red raspberry	---	Vibernum lentago	---	Amorpha	---
Black raspberry	---	Vibernum acerifolium	---	Ceanothus	---
Celastrus	---	Poison ivy	---	Salix	---
_____	---	_____	---	_____	---

Herbs

Smilacina racemosa	---	Smilacina stellata	---	Euphorbia	---
Geranium	---	Fragaria	---	Agrimonia	---
Desmodium acum.	---	Lysimachia	---	Geum can.	---
Galium concinnum	---	Apocynum	---	Prenanthes	---
Circaea latifolia	---	Aster sagit	---	Thalictrum	---
Osmorhiza Claytonii	---	Potentilla can.	---	Parietaria	---
Amphicarpa bract.	---	Viola	✓	Athyrium	---
Phryma	---	Anemone	---	Pteridium	---
Aralea nudicaulis	---	Pyrola	---	Botrychium	✓
Helianthus	---	Goodyera	---	Lactuca	---
Desmodium nud.	---	Convolvulus	---		
<u>Urtica</u>	✓				
<u>Sanguinaria</u>	✓				
<u>Asplenium</u>	✓				

Number

71

Location

7033
592

New

Old

Species

Mopli ✓

Species

Mopli ✓

Species

Circumference

25

Circumference

48

Circumference

Distance

Ft.

14

In.

2

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

Viburnum lentago

Viburnum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

✓

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nud.

trillium ✓

Smilacina stellata

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

✓

Pteridium

Botrychium

Lactuca

Cony ✓

1033

Number

72

Location

592

New

Maple

Species

Circumference

67

Old

Butternut

Species

Circumference

58

Species

Circumference

Distance

Ft.

29

In.

10

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Maple

✓

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

✓

Viburnum lentago

Viburnum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

✓

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nud.

Humulus

✓

Smilacina stellata

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

Number 73

Location 592

7033

New

Old

Species Maple
Circumference 55 ✓

Species Batternut
Circumference 37

Species _____
Circumference _____

Distance Ft. 20 In. 4

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
 Black oak _____
 Bur oak _____
 Cherry _____
 Hickory _____
 Slippery elm _____
 Ironwood _____
 Box elder _____
 Black locust _____

Shrubs

Hazel _____
 Grey dogwood _____
 Blackberry _____
 Red raspberry _____
 Black raspberry _____
 Celastrus _____

Vitis vulpina _____
 Vitis bicolor _____
 Woodbine _____ ✓
 Vibernum lentago _____
 Vibernum acerifolium _____
 Poison ivy _____

Choke cherry _____
 Amelanchier _____
 Vaccinium _____
 Amorpha _____
 Ceanothus _____
 Salix _____

Herbs

Smilacina racemosa _____ ✓
 Geranium _____
 Desmodium acum. _____
 Galium concinnum _____
 Circaea latifolia _____
 Osmorhiza Claytonii _____
 Amphicarpa bract. _____
 Phryma _____
 Aralea nudicaulis _____
 Helianthus _____
 Desmodium nud. _____
Scumlay E

Smilacina stellata _____
 Fragaria _____
 Lysimachia _____
 Apocynum _____
 Aster sagit _____
 Potentilla can. _____
 Viola _____ ✓
 Anemone _____
 Pyrola _____
 Goodyera _____
 Convolvulus _____
Podophyllum ✓

Euphorbia _____
 Agrimonia _____
 Geum can. _____
 Prenanthes _____
 Thalictrum _____
 Parietaria _____
 Athyrium _____
 Pteridium _____
 Botrychium _____ ✓
 Lactuca _____
Comy ✓

1033

Number 74

Location 592

New

Old

Species Maple
Circumference 15

Species Maple
Circumference 16

Species _____
Circumference _____

Distance Ft. 10 In. 4

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
Black oak _____
Bur oak _____
Cherry _____
Hickory _____
Slippery elm _____
Ironwood _____
Box elder _____
Black locust _____

Shrubs

Hazel _____
Grey dogwood _____
Blackberry _____
Red raspberry _____
Black raspberry _____
Celastrus _____

Vitis vulpina _____
Vitis bicolor _____
Woodbine ✓ _____
Viburnum lentago _____
Viburnum acerifolium _____
Poison ivy _____

Choke cherry _____
Amelanchier _____
Vaccinium _____
Amorpha _____
Ceanothus _____
Salix _____

Herbs

Smilacina racemosa ✓ _____
Geranium _____
Desmodium acum. _____
Galium concinnum _____
Circaea latifolia _____
Osmorhiza Claytonii _____
Amphicarpa bract. _____
Phryma _____
Aralea nudicaulis _____
Helianthus _____
Desmodium nudi. _____

Smilacina stellata _____
Fragaria _____
Lysimachia _____
Apocynum _____
Aster sagit _____
Potentilla can. _____
Viola ✓ _____
Anemone _____
Pyrola _____
Goodyera _____
Convolvulus _____

Euphorbia _____
Agrimonia _____
Geum can. _____
Prenanthes _____
Thalictrum _____
Parietaria _____
Athyrium _____
Pteridium _____
Botrychium _____
Lactuca _____

Number 25

Location 592

1033

New

Old

Species Bane

Species Muph

Species ---

Circumference 34

Circumference 24

Circumference ---

Distance Ft. 34 In. 4

Distance Ft. --- In. ---

Trees

Less than one foot

More than one foot

More than one inch

White oak ---

Black oak ---

Bur oak ---

Cherry ---

Hickory ---

Slippery elm ---

Ironwood ---

Box elder ---

Black locust ---

Muph ✓

Shrubs

Hazel ---

Grey dogwood ---

Blackberry ---

Red raspberry ---

Black raspberry ---

Celastrus ---

Vitis vulpina ---

Vitis bicolor ---

Woodbine ✓

Vibernum lentago ---

Vibernum acerifolium ---

Poison ivy ---

Choke cherry ---

Amelanchier ---

Vaccinium ---

Amorpha ---

Ceanothus ---

Salix ---

Herbs

Smilacina racemosa ---

Geranium ---

Desmodium acum. ---

Galium concinnum ---

Circaea latifolia ✓

Osmorhiza Claytonii ---

Amphicarpa bract. ---

Phryma ---

Aralea nudicaulis ---

Helianthus ---

Desmodium nudif. ---

Trillium ✓

Phryma ? 2852

Smilacina stellata ---

Fragaria ---

Lysimachia ---

Apocynum ---

Aster sagit ---

Potentilla can. ---

Viola ---

Anemone ---

Pyrola ---

Goodyera ---

Convolvulus ---

Euphorbia ---

Agrimonia ---

Geum can. ---

Prenanthes ---

Thalictrum ---

Parietaria ---

Athyrium ---

Pteridium ---

Botrychium ---

Lactuca ---

Number 26

Location 592

1033

New

Old

Species Maple

Species Barnwood

Species

Circumference 20

Circumference 20

Circumference

Distance Ft. 17 In. 3

Distance Ft. In.

Trees

Less than one foot

More than one foot

More than one inch

White oak
 Black oak
 Bur oak
 Cherry
 Hickory
 Slippery elm
 Ironwood
 Box elder
 Black locust

Shrubs

Hazel
 Grey dogwood
 Blackberry
 Red raspberry
 Black raspberry
 Celastrus

Vitis vulpina
 Vitis bicolor
 Woodbine
 Vibernum lentago
 Vibernum acerifolium
 Poison ivy

Choke cherry
 Amelanchier
 Vaccinium
 Amorpha
 Ceanothus
 Salix

Herbs

Smilacina racemosa
 Geranium
 Desmodium acum.
 Galium concinnum
 Circaea latifolia
 Osmorhiza Claytonii
 Amphicarpa bract.
 Phryma
 Aralea nudicaulis
 Helianthus
 Desmodium nud.

Smilacina stellata
 Fragaria
 Lysimachia
 Apocynum
 Aster sagit
 Potentilla can.
 Viola
 Anemone
 Pyrola
 Goodyera
 Convolvulus

Euphorbia
 Agrimonia
 Geum can.
 Prenanthes
 Thalictrum
 Parietaria
 Athyrium
 Pteridium
 Botrychium
 Lactuca

Jack
S 295

Cony

Number 27

Location 1033
592

New

Old

Species

Barnwood

Species

Maple

Species

Circumference

58

Circumference

70

Circumference

—

Distance

Ft. 22

In. 10

Distance

Ft. —

In. —

Trees

Less than one foot

More than one foot

More than one inch

White oak —
Black oak —
Bur oak —
Cherry —
Hickory —
Slippery elm —
Ironwood —
Box elder —
Black locust —

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Shrubs

Hazel —
Grey dogwood —
Blackberry —
Red raspberry —
Black raspberry —
Celastrus —

Vitis vulpina —
Vitis bicolor —
Woodbine —
Vibernum lentago —
Vibernum acerifolium —
Poison ivy —

Choke cherry —
Amelanchier —
Vaccinium —
Amorpha —
Ceanothus —
Salix —

Herbs

Smilacina racemosa —
Geranium —
Desmodium acum. —
Galium concinnum —
Circaea latifolia —
Osmorhiza Claytonii —
Amphicarpa bract. —
Phryma —
Aralea nudicaulis —
Helianthus —
Desmodium nudif. —
Urtica —

Smilacina stellata —
Fragaria —
Lysimachia —
Apocynum —
Aster sagit —
Potentilla can. —
Viola —
Anemone —
Pyrola —
Goodyera —
Convolvulus —

Euphorbia —
Agrimonia —
Geum can. —
Prenanthes —
Thalictrum —
Parietaria —
Athyrium —
Pteridium —
Botrychium —
Lactuca —
Cory —

Number 28Location 592

1033

New

Old

Species MapleSpecies BasswSpecies HickoryCircumference 14Circumference 22Circumference 16Distance Ft. 19In. 11Distance Ft. 15In. 3Hickory
16
stump

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur. oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Viburnum?

Vitis vulpina

Vitis bicolor

Woodbine

Vibernum lentago

Vibernum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nud.

Smilacina stellata

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

Number

29

Location

592

1033

New

Old

Species

Maple

Species

Bam

Species

Circumference

14

Circumference

47

Circumference

—

Distance

Ft.

20

In.

6

Distance

Ft.

—

In.

—

Trees

Less than one foot

More than one foot

More than one inch

White oak

—

Black oak

—

Bur oak

—

Cherry

—

Hickory

—

Slippery elm

—

Ironwood

—

Box elder

—

Black locust

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

Shrubs

Hazel

—

Grey dogwood

—

Blackberry

—

Red raspberry

—

Black raspberry

—

Celastrus

—

—

—

Vitis vulpina

—

Vitis bicolor

—

Woodbine

—

Vibernum lentago

—

Vibernum acerifolium

—

Poison ivy

—

—

—

Choke cherry

—

Amelanchier

—

Vaccinium

—

Amorpha

—

Ceanothus

—

Salix

—

—

—

Herbs

Smilacina racemosa

—

Geranium

✓

Desmodium acum.

—

Galium concinnum

—

Circaea latifolia

✓

Osmorhiza Claytonii

—

Amphicarpa bract.

—

Phryma

✓

Aralea nudicaulis

—

Helianthus

—

Desmodium nud.

—

Blue root

—

Smilacina stellata

—

Fragaria

—

Lysimachia

—

Apocynum

—

Aster sagit

—

Potentilla can.

—

Viola

—

Anemone

—

Pyrola

—

Goodyera

—

Convolvulus

—

Euphorbia

—

Agrimonia

—

Geum can.

—

Prenanthes

—

Thalictrum

—

Parietaria

—

Athyrium

—

Pteridium

—

Botrychium

—

Lactuca

—

1033

Number 30

Location 592

New

Old

Species Basswood
Circumference 19

Species Maple
Circumference 22

Species _____
Circumference _____

Distance Ft. 16 In. 1

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
Black oak _____
Bur oak _____
Cherry _____
Hickory _____
Slippery elm _____
Ironwood _____
Box elder _____
Black locust _____

Shrubs

Hazel _____
Grey dogwood _____
Blackberry _____
Red raspberry _____
Black raspberry _____
Celastrus _____

Vitis vulpina _____
Vitis bicolor _____
Woodbine ✓
Vibernum lentago _____
Vibernum acerifolium _____
Poison ivy _____

Choke cherry _____
Amelanchier _____
Vaccinium _____
Amorpha _____
Ceanothus _____
Salix _____

Herbs

Smilacina racemosa _____
Geranium _____
Desmodium acum. _____
Galium concinaum _____
Circaea latifolia _____
Osmorhiza Claytonii _____
Amphicarpa bract. _____
Phryma _____
Aralea nudicaulis _____
Helianthus _____
Desmodium nudif. _____

Smilacina stellata _____
Fragaria _____
Lysimachia _____
Apocynum _____
Aster sagit _____
Potentilla can. _____
Viola # ✓
Anemone _____
Pyrola _____
Goodyera _____
Convolvulus _____

Euphorbia _____
Agrimonia _____
Geum can. _____
Prenanthes _____
Thalictrum _____
Parietaria _____
Athyrium _____
Pteridium _____
Botrychium _____
Lactuca _____

? SW 288

comp ✓

1033

Number 32 Location 592

New Old

Species Maple Species Maple Species
Circumference 27 Circumference 29 Circumference

Distance Ft. 16 In. 0 Distance Ft. In.

Trees

Table with 3 columns: Less than one foot, More than one foot, More than one inch. Rows include White oak, Black oak, Bur oak, Cherry, Hickory, Slippery elm, Ironwood, Box elder, Black locust.

Shrubs

Table with 3 columns. Rows include Hazel, Grey dogwood, Blackberry, Red raspberry, Black raspberry, Celastrus, Vitis vulpina, Vitis bicolor, Woodbine, Vibernum lentago, Vibernum acerifolium, Poison ivy, Choke cherry, Amelanchier, Vaccinium, Amorpha, Ceanothus, Salix.

Herbs

Table with 3 columns. Rows include Smilacina racemosa, Geranium, Desmodium acum., Galium concinaum, Circaea latifolia, Osmorhiza Claytonii, Amphicarpa bract., Phryma, Aralea nudicaulis, Helianthus, Desmodium nud., Smilacina stellata, Fragaria, Lysimachia, Apocynum, Aster sagit, Potentilla can., Viola, Anemone, Pyrola, Goodyera, Convolvulus, Euphorbia, Agrimonia, Geum can., Prenanthes, Thalictrum, Parietaria, Athyrium, Pteridium, Botrychium, Lactuca, Rhynchospora?, Podophyllum, Polygonastrum, trillium.

T033

Number

33

Location

592

New

Old

Species

Maple ✓

Species

Maple ✓

Species

Circumference

19

Circumference

24

Circumference

—

Distance

Ft.

11

In.

2

Distance

Ft.

In.

—

Trees

Less than one foot

More than one foot

More than one inch

White oak

—

—

—

Black oak

~~—~~

—

—

Bur oak

—

—

—

Cherry

—

—

—

Hickory

—

—

—

Slippery elm

—

—

—

Ironwood

—

—

—

Box elder

—

—

—

Black locust

—

—

—

Maple

—

✓

—

Shrubs

Hazel

—

Vitis vulpina

—

Choke cherry

—

Grey dogwood

—

Vitis bicolor

—

Amelanchier

—

Blackberry

—

Woodbine

✓

Vaccinium

—

Red raspberry

—

Vibernum lentago

—

Amorpha

—

Black raspberry

—

Vibernum acerifolium

—

Ceanothus

—

Celastrus

—

Poison ivy

—

Salix

—

Herbs

Smilacina racemosa

—

Smilacina stellata

—

Euphorbia

—

Geranium

—

Fragaria

—

Agrimonia

—

Desmodium acum.

—

Lysimachia

—

Geum can.

—

Galium concinnum

—

Apocynum

—

Prenanthes

—

Circaea latifolia

✓

Aster sagit

—

Thalictrum

—

Osmorhiza Claytonii

—

Potentilla can.

—

Parietaria

—

Amphicarpa bract.

—

Viola

✓

Athyrium

—

Phryma

—

Anemone

—

Pteridium

—

Aralea nudicaulis

—

Pyrola

—

Botrychium

—

Helianthus

—

Goodyera

—

Lactuca

—

Desmodium nud.

—

Convolvulus

—

285 Phytolacca?
293 2

✓
✓
Sawley E

1033

Number 34 Location 592

New		Old	
Species	<i>Basswood</i>	Species	<i>Maple</i>
Circumference	<u>164</u>	Circumference	<u>24</u>
Distance	Ft. <u>17</u> In. <u>2</u>	Distance	Ft. <u> </u> In. <u> </u>

Trees

Less than one foot	More than one foot	More than one inch
White oak <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Black oak <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bur oak <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cherry <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hickory <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slippery elm <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ironwood <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Box elder <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Black locust <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Shrubs

Hazel <input type="checkbox"/>	Vitis vulpina <input type="checkbox"/>	Choke cherry <input type="checkbox"/>
Grey dogwood <input type="checkbox"/>	Vitis bicolor <input type="checkbox"/>	Amelanchier <input type="checkbox"/>
Blackberry <input type="checkbox"/>	Woodbine <input type="checkbox"/>	Vaccinium <input type="checkbox"/>
Red raspberry <input type="checkbox"/>	Vibernum lentago <input type="checkbox"/>	Amorpha <input type="checkbox"/>
Black raspberry <input type="checkbox"/>	Vibernum acerifolium <input type="checkbox"/>	Ceanothus <input type="checkbox"/>
Celastrus <input type="checkbox"/>	Poison ivy <input type="checkbox"/>	Salix <input type="checkbox"/>

Herbs

Smilacina racemosa <input type="checkbox"/>	Smilacina stellata <input type="checkbox"/>	Euphorbia <input type="checkbox"/>
Geranium <input type="checkbox"/>	Fragaria <input type="checkbox"/>	Agrimonia <input type="checkbox"/>
Desmodium acum. <input type="checkbox"/>	Lysimachia <input type="checkbox"/>	Geum can. <input type="checkbox"/>
Galium concinnum <input type="checkbox"/>	Apocynum <input type="checkbox"/>	Prenanthes <input type="checkbox"/>
Circaea latifolia <input type="checkbox"/>	Aster sagit <input type="checkbox"/>	Thalictrum <input type="checkbox"/>
Osmorhiza Claytonii <input checked="" type="checkbox"/>	Potentilla can. <input type="checkbox"/>	Parietaria <input type="checkbox"/>
Amphicarpa bract. <input type="checkbox"/>	Viola <input checked="" type="checkbox"/>	Athyrium <input type="checkbox"/>
Phryma <input type="checkbox"/>	Anemone <input type="checkbox"/>	Pteridium <input type="checkbox"/>
Aralea nudicaulis <input type="checkbox"/>	Pyrola <input type="checkbox"/>	Botrychium <input checked="" type="checkbox"/>
Helianthus <input type="checkbox"/>	Goodyera <input type="checkbox"/>	Lactuca <input type="checkbox"/>
Desmodium nudif. <input type="checkbox"/>	Convolvulus <input type="checkbox"/>	

Urtica

1033

Number

35

Location

592

New

Old

Species

Butternut

Species

Maple

Species

Circumference

48

Circumference

20

Circumference

Distance

Ft.

8

In.

3

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Butternut

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

Viburnum lentago

Viburnum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nud.

Smilacina stellata

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

2.95 Scirpus ?
Phragmites ?
Oxalis

E
L
L

Claytonia ✓

1033

Number 36 Location 592

New

Old

Species Hickory ✓ Species Sl Elm ✓ Species _____
 Circumference 14 Circumference 30 Circumference _____
 Distance Ft. 15 In. 8 Distance Ft. _____ In. _____

Trees

Less than one foot	More than one foot	More than one inch
White oak	_____	_____
Black oak	_____	_____
Bur oak	_____	_____
Cherry	_____	_____
Hickory	_____	_____
Slippery elm	_____	_____
Ironwood	_____	_____
Box elder	_____	_____
Black locust	_____	_____
_____	_____	_____

Shrubs

Hazel	_____	Vitis vulpina	_____	Choke cherry	_____
Grey dogwood	_____	Vitis bicolor	_____	Amelanchier	_____
Blackberry	_____	Woodbine	_____	Vaccinium	_____
Red raspberry	_____	Vibernum lentago	_____	Amorpha	_____
Black raspberry	_____	Vibernum acerifolium	_____	Ceanothus	_____
Celastrus	_____	Poison ivy	_____	Salix	_____
_____	_____	_____	_____	_____	_____

Herbs

Smilacina racemosa	_____	Smilacina stellata	_____	Euphorbia	_____
Geranium	_____	Fragaria	_____	Agrimonia	_____
Desmodium acum.	_____	Lysimachia	_____	Geum can.	_____
Galium concinnum	_____	Apocynum	_____	Prenanthes	_____
Circaea latifolia	_____	Aster sagit	_____	Thalictrum	_____
Osmorhiza Claytonii	_____	Potentilla can.	_____	Parietaria	_____
Amphicarpa bract.	_____	Viola	_____	Athyrium	_____
Phryma	_____	Anemone	_____	Pteridium	_____
Aralea nudicaulis	_____	Pyrola	_____	Botrychium	_____
Helianthus	_____	Goodyera	_____	Lactuca	_____
Desmodium nud.	_____	Convolvulus	_____	_____	_____

287

1033

Number 37 Location 592

New

Old

Species Ban
Circumference 22

Species Ban
Circumference 14

Species _____
Circumference _____

Distance Ft. 5 In. 4

Distance Ft. _____ In. _____

Trees

Less than one foot

More than one foot

More than one inch

White oak _____
Black oak _____
Bur oak _____
Cherry _____
Hickory _____
Slippery elm _____
Ironwood _____
Box elder _____
Black locust _____

Shrubs

Hazel _____
Grey dogwood _____
Blackberry _____
Red raspberry _____
Black raspberry _____
Celastrus _____

Vitis vulpina _____
Vitis bicolor _____
Woodbine _____
Vibernum lentago _____
Vibernum acerifolium _____
Poison ivy _____

Choke cherry _____
Amelanchier _____
Vaccinium _____
Amorpha _____
Ceanothus _____
Salix _____

Herbs

Smilacina racemosa _____
Geranium _____
Desmodium acum. _____
Galium concinnum _____
Circaea latifolia _____
Osmorhiza Claytonii _____
Amphicarpa bract. _____
Phryma _____
Aralea nudicaulis _____
Helianthus _____
Desmodium nud. _____

Smilacina stellata ✓
Fragaria _____
Lysimachia _____
Apocynum _____
Aster sagit _____
Potentilla can. _____
Viola _____
Anemone _____
Pyrola _____
Goodyera _____
Convolvulus _____

Euphorbia _____
Agrimonia _____
Geum can. _____
Prenanthes _____
Thalictrum _____
Parietaria _____
Athyrium _____
Pteridium _____
Botrychium _____
Lactuca _____
Camel ✓

3 795 ✓

Number

38

Location

1033
592

New

Old

Species

Maple ✓

Species

Maple ✓

Species

Circumference

27

Circumference

30

Circumference

Distance

Ft.

21

In.

0

Distance

Ft.

In.

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Maple

✓

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

✓

Vitis bicolor

Woodbine

Vibernum lentago

Vibernum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nudif.

Dodostyrum

✓

Smilacina stellata

✓

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

2284

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

Number

39

Location

592

1033

Maple
32

New

Old

Species

Maple

Species

Maple

Species

O Stump

Circumference

15

Circumference

18

Circumference

14

Dim

Distance

Ft.

17 In. 10

Distance

Ft.

12 In. 9

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Maple

✓

Shrubs

Hazel

Vitis vulpina

Choke cherry

Grey dogwood

Vitis bicolor

Amelanchier

Blackberry

Woodbine

✓

Vaccinium

Red raspberry

Viburnum lentago

Amorpha

Black raspberry

Viburnum acerifolium

Ceanothus

Celastrus

Poison ivy

Salix

Herbs

Smilacina racemosa

Smilacina stellata

Euphorbia

Geranium

Fragaria

Agrimonia

Desmodium acum.

Lysimachia

Geum can.

Galium concinnum

Apocynum

Prenanthes

Circaea latifolia

✓

Aster sagit

Thalictrum

Osmorhiza Claytonii

Potentilla can.

Parietaria

Amphicarpa bract.

Viola

Athyrium

Phryma

Anemone

Pteridium

Aralea nudicaulis

Pyrola

Botrychium

Helianthus

Goodyera

Lactuca

Desmodium nudif.

Convolvulus

295 phryma? ✓

Number 40 Location 7033 542

New

Old

Species Maple

Species Ban

Species O Stump

Circumference 20

Circumference 31

Circumference 13

Distance Ft. 25

In. 5

Distance Ft. 10

In. 2

Trees

Less than one foot

More than one foot

More than one inch

White oak

Black oak

Bur oak

Cherry

Hickory

Slippery elm

Ironwood

Box elder

Black locust

Maple

Shrubs

Hazel

Grey dogwood

Blackberry

Red raspberry

Black raspberry

Celastrus

Vitis vulpina

Vitis bicolor

Woodbine

Vibernum lentago

Vibernum acerifolium

Poison ivy

Choke cherry

Amelanchier

Vaccinium

Amorpha

Ceanothus

Salix

Herbs

Smilacina racemosa

Geranium

Desmodium acum.

Galium concinnum

Circaea latifolia

Osmorhiza Claytonii

Amphicarpa bract.

Phryma

Aralea nudicaulis

Helianthus

Desmodium nudi.

Smilacina stellata

Fragaria

Lysimachia

Apocynum

Aster sagit

Potentilla can.

Viola

Anemone

Pyrola

Goodyera

Convolvulus

Euphorbia

Agrimonia

Geum can.

Prenanthes

Thalictrum

Parietaria

Athyrium

Pteridium

Botrychium

Lactuca

3 295 ✓