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Site 3040: Dunn County. 1948-07-24

[s.l.]: [s.n.], 1948-07-24

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Stand No: **30400** Name:County: **Dunn**T: **26N** R: **13W** Sec: **12** Locality:Date: **July 24, 1944**Observers: **anderson**Size of Stand: **10-20 acres**Size of Area Sampled: **10-20 acres**Forest Type: **Pine - Maple - Oak - Hardwood - Birch -**Soil Type: **Boone Fine Sandy loam**Topography: **part on gentle slope (pines) - partly on lower ground (maples)**

Condition of Stand:

**Good -
no grazing -
no recent cutting**

Open Grown Trees:

Stumps:

**250 white oak
1 white pine 11 ft.**6.
7.
8.
9.
10.

Soil

Sample No:	pH	N	P	K	Colloids	Vol/wt	WHC
A ₀ _____	—	—	—	—	—	—	—
A ₁ _____	—	—	—	—	—	—	—
A ₂ _____	—	—	—	—	—	—	—
Depth	Characteristics (Color, texture, etc.)						

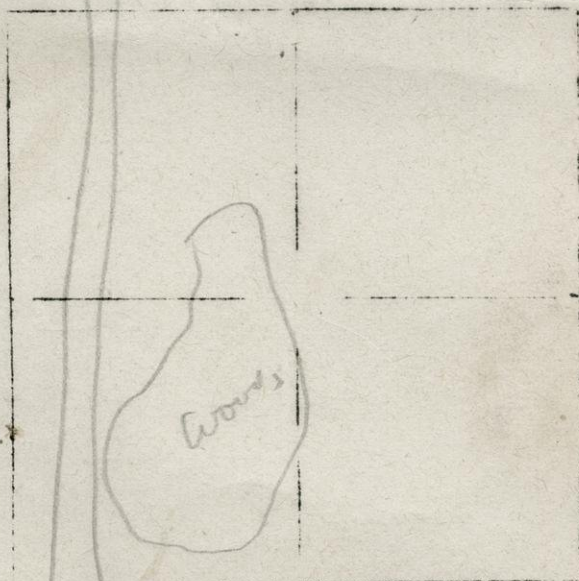
A₀_____A₁_____ **see bag 1**A₂_____

B _____

Parent Material:

Remarks:

Map



THHHH

P.S. 75, 20, 50, 170, 40
26, 20, 14, 65, 70, 45
50 15, 25, 36, 90, 75
45, 55, 28, 16, 60, 36

OV. 14, 26
TA 45, 50, 120, 35, 54, 52
56

QA. 125, 270, 26, 22

QE 120, 155, 90

BL. 35

QM 50, 16, 65

BP 100, 110, 35, 26, 980

UA 25, 280, 80, 110, 60
16, 330, 240

QR 35, 55

AS. 60, 19, 18, 32, 70, 48, 30
18, 50, 12, 75

FN 40, 18

P+S 28, 32

AR 55, 60, 24, 75, 36
105, 95

||
HHH ||

|||

|||

||

HHH

HHH)

||

HHHH

||

||
HHH ||

P 5 1

Car Car 111

OV. 1111

Car 1

PG 11

PT 111

AS 1111

am 1

UA 11

TA 1111

QA 11

PV 1111

PS 1

FP 1

Sap

TABULATION FORM

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	T
HERBS:																						
<i>Actaea pachypoda</i>																						
<i>Actaea rubra</i>	✓																					1
<i>Adenocaulon bicolor</i>																						
<i>Adiantum pedatum</i>	✓														✓					✓		2 10
<i>Agrimonia gryposepala</i>	✓																					1
<i>Allium tricoccum</i>	✓														✓							1 5
<i>Alnus incana</i>																						
<i>Alnus rugosa</i>																						3 15
<i>Amphicarpa bracteata</i>	✓	✓	✓			✓																
<i>Anemone canadensis</i>																						
<i>Anemone cylindrica</i>																						
<i>Anemone quinquefolia</i>																						
<i>Antennaria sp.</i>																						
<i>Apocynum androsaemifolium</i>	✓																					1
<i>Apocynum cannabinum</i>																						
<i>Aquilegia canadensis</i>	✓					✓																1 5
<i>Aralia hispida</i>																						
<i>Aralia nudicaulis</i>	✓	✓			✓			✓														3 15
<i>Aralia racemosa</i>	✓																					1
<i>Arctostaphylos uva-ursi</i>																						
<i>Arisaema atrorubens</i>	✓									✓												1 5
<i>Asarum canadense</i>	✓													✓	✓	✓	✓					4 20
<i>Asclepias exaltata</i>																						
<i>Aster cordifolius</i>																						
<i>Aster lateriflorus</i>																						
<i>Aster macrophyllus</i>	✓				✓			✓														2 10
<i>Aster prenanthoides</i>																						
<i>Aster sagittifolius</i>																						
<i>Aster shortii</i>																						
<i>Aster umbellatus</i>																						
<i>Athyrium filix-femina</i>	✓										✓	✓				✓				✓		4 20
<i>Athyrium thelypteroides</i>																						
<i>Boehmeria cylindrica</i>																						
<i>Botrychium lanceolatum</i>																						
<i>Botrychium matricariaefolium</i>																						
<i>Botrychium virginianum</i>																						
<i>Brachyelytrum erectum</i>	✓																					1
<i>Bromus purgans</i>																						
<i>Campanula americana</i>	✓																					1
<i>Campanula rotundifolia</i>																						
<i>Cardamine pensylvanica</i>																						
<i>Carex albursina</i>																						
<i>Carex pensylvanica</i>	✓		✓	✓	✓	✓		✓	✓				✓					✓	✓			9 45
<i>Carex plantaginea</i>																						
<i>Caulophyllum thalictroides</i>	✓																					1
<i>Ceanothus ovatus</i>																						
<i>Celastrus scandens</i>	✓	✓			✓								✓						✓			4 20
<i>Chimaphilia umbellata</i>	✓																					1
<i>Cicuta maculata</i>																						
<i>Circaea alpina</i>																						
<i>Circaea quadrisulcata</i>	✓							✓		✓				✓				✓				4 20

NORTHERN PINE-HARDWOODS

[illegible]

Stand No. 3040

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Fragaria vesca <i>sp</i>	✓						✓											✓					2/10
Galium aparine																							4/20
Galium boreale	✓		✓	✓			✓	✓															4/20
Galium circaezans																							4/20
Galium concinnum	✓	✓												✓		✓			✓				4/20
Galium lanceolatum																							1/5
Galium triflorum											✓												1/5
Gaultheria hispidula																							
Gaylussacia baccata	✓	✓																					
Geranium maculatum	✓	✓					✓		✓							✓			✓	✓			6/30
Gerardia pedicularia																							
Geum canadense	✓																						1
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							1
Goodyera pubescens	✓																						
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus <i>sp</i>	✓																	✓					1/5
Hepatica acutiloba																							
Hepatica americana	✓															✓				✓			2/10
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum	✓																						1
Hystrix patula																							
Ilex verticillata																							
Impatiens biflora	✓														✓								1/5
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis	✓									✓			✓	✓									✓ 4/20
Lathyrus ochroleucus																							
Lathyrus venosus	✓						✓																1/5
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis																							
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis																							
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

[illegible]

[illegible]

Stand No. 3040

[illegible]

3040

P

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrocin					
Fraxinus amer.			Prunus virgin.					

Distance:

Shrubs & Herbs			
Achillea millefolium	Euphorbia corol.	Polygonella artic.	
Agriamonia grynosepala	Eragaria spp.	Polypodium virg.	
Agropyron trachycaulon	Galium boreale	Potentilla simplex	
var. glaucum	Galium triflorum	Prenanthes alba	
Alnus rugosa	Gaulthoria procum.	Pteridium aquilinum	
Amorpha canescens	Gaylussacia baccata	var. latiusculum	
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica	
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia	
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda	
Anemone virginiana	var. micradenium	Ranunculus fasc.	
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.	
Apocynum androsaem.	Helianthemum can.	Rhus glabra	
Aquilegia canadensis	Helianthus occident.	Rhus radicans	
Arabis lyrata	Heliopsis scabra	Rhus typhina	
Aralia nudicaulis	Hepatica americana	Ribes americanum	
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.	
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry	
Artemisia caudata	Hieracium scabrum	Rubus-dewberry	
Aster azureus	Houstonia longifolia	Rubus-raspberry	
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta	
var. pendulus	Hystrix patula	Salix discolor	
Aster laevis	Juncus Greenii	var. latifolia	
Aster microphyllus	Koeleria crisata	Sambucus canadensis	
Aster ptarmicoides	Krigia biflora	Sanicula gregaria	
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.	
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa	
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata	
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata	
var. intonsus	Lithospermum croceum	Smilax herbacea	
Calamagrostis	Lupinus perennis	Smilax hispida	
Carex Crawfordii	Lycopodium complan.	Solidago canadensis	
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.	
Carex siccata	Lysimachia quadrif.	Solidago juncea	
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis	
Celastrus scandens	Mitchella repens	Solidago speciosa	
Chimaphila umbellata	Monarda fistulosa	var. angustata	
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana	
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.	
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis	
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora	
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.	
Cornus canadensis	Oxalis violacea	Vaccinium angustif.	
Cornus femina	Panicum implicatum	Vaccinium canadense	
Cornus stolonifera	Parthenocissus vitacea	Vicia americana	
Corylus americana	Pedicularis lanc.	Vicia villosa	
Cypripedium acaule	Phlox pilosa	Viola canadensis	
Desmodium acuminatum	Phryma leptostachya	Viola cucullata	
Desmodium canadense	Physalis virginiana	Viola pedata	
Diervilla Lonicera	Poa compressa	var. lineariloba	
Dryopteris spin.	Polygala polygama	Viola sagittata	
Eriogonum repens	Polygonatum biflorum	Vitis coarctata	
Eriogonum ramosus		Zanthoxylum amer.	

Canlophyllum

Trillium cernuum

Helianthus

II Pine Wood Survey

Point Record

Stand No 3040

~~Actaea rubra~~
~~Adiantum pedatum~~
 Aletris farinosa
 Anemone canadensis
 Anemone cylindrica
 Anemone quinquefolia
 Apocynum cannabinum
 Arabis canadensis
 Aralia hispida
 Arenaria lateriflora
~~Arisaema strobiliferum~~
~~Asarum canadense~~
 Asclepias amplexic.
 Asclepias phytolac.
~~Asclepias syriaca~~
 Asclepias tuberosa
 Aster caeruleus
 Aster puniceus
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Boehmeria cylindrica
 Botrychium virginianum
 Bromus Kalmii
 Campanula aparinoides
 Campanula rotundif.
 Ceanothus americanus
 Chamaedaphne caly.
~~Circaea latifolia~~
 Claytonia virginica
 Clintonia borealis
 Conopholis americana
 Coptis trifolia
 Cornus rugosa
 Corydalis aurea
 Corydalis semperv.
 Corylus cornuta
~~Cryptotaenia can.~~
~~Cystopteris fragilis~~
 Cyperus filiculmis
 Cyperus Schweinitzii
 Danthonia spicata
 Dentaria laciniata
 Desmodium nudiflorum
 Dicentra canadensis
 Dioscorea villosa
 Dodecatheon Meadia
 Dryopteris cristata
 Dryopteris Linnaeana
 Dryopteris marg.
 Dryopteris Pheg.
 Equisetum arvense
 Equisetum hyemale
 var. affine
 Erechthites hier.

Erysimum cheir.
 Erythronium albidum
 Eupatorium perf.
 Galium aparine
 Galium asperellum
 Galium Claytoni
~~Galium concinnum~~
 Galium lanceolatum
 Gerardia Gattingeri
 Habenaria psycodes
 Hamamelis virginiana
 Helianthemum Bick.
 Hepatica acutiloba
~~Hydrophyllum virg.~~
 Hypericum Kalmianum
 Ilex verticillata
~~Impatiens biflora~~
 Iris virginica
 var. Shrevei
 Isopyrum biternatum
 Juncus tenuis
~~Laportea canadensis~~
 Lechea intermedia
 Ledum groenlandicum
 Lespedeza capitata
 Liatris aspera
 Liatris cylindrica
 Liatris pycnostachya
 Lilium michiganense
 Linaria canadensis
 Liparis lilifolia
 Lobelia cardinalis
 Lobelia inflata
 Lobelia spicata
 Lonicera dioica
 Lonicera oblongif.
 Lonicera prolifera
 Lychnis alba
 Lycopodium clavatum
 Lycopodium americana
 Lysimachia terrestris
~~Menispermum can.~~
~~Mitella diphylla~~
 Monarda punctata
 Monotropa uniflora
 Oenothera biennis
 Oenothera muricata
 Optunia Rafinesquii
 Orobanche uniflora
 Osmunda cinnamomea
 Oxypolis rigidier
 var. longifolia
 Pedicularis canadensis
 Pellaea glabella
 Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulif.
 Podophyllum peltatum
~~Polemonium reptans~~
 Polygala sanguinea
 Polygonatum pubescens
 Potentilla arguta
 Prunella vulgaris
 Pteretis nodulosa
 Pycnanthemum virg.
 Ranunculus abortivus
 Ranunculus acris
 Ranunculus pensylv.
 Rhus copallina
 Rhus glabra
 var. borealis
 Rhus Vernix
 Ribes cynosbati
 Ribes hirtellum
 Ribes missouriense
 Rudbeckia laciniata
 Sambucus pubens
~~Sanguinaria can.~~
 Sanicula marilandica
 Scutellaria epilob.
 Scutellaria parvula
 var. Leonardi
 Silphium perfoliatum
 Solidago castrensis
 Solidago graminifolia
 var. remota
 Solidago hispida
 Solidago missouriensis
 var. glaberrima
 Specularia perfoliata
 Spiraea alba
 Spiraea tomentosa
 var. rosea
 Sporobolus crypt.
 Steironema lanc.
 Stellaria media
 Symphoricarpos albus
 Taenidia integ.
~~Thalictrum dioicum~~
~~Trillium grandiflorum~~
 Verbena stricta
 Veronica americana
~~Veronicastrum virg.~~
~~Viburnum acerif.~~
~~Viburnum affine~~
 Viburnum Lentago
 Viola eriocarpa
 Viola incognita
 Viola pallens
 Viola pubescens
 Woodsia ilvensis

Cornus rugosa
Desmodium nudiflorum
Symphoricarpos foetidus
Ranunculus septentrionalis
Allium tricoccum

Polygala sanguinea
Campanula am.
Aralia racemosa
Solidago ulmifolia
Sapula
Brachyotum

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 75			Tilia amer. 45		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scroton					
Fraxinus amer.			Prunus virgin.					

Distance: 17

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
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Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanthoxylum amer.

Galium canadense
Desmodium illinoense

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	20	50	Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 10 1/2

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
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var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanthoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S	
Acer negundo			Fraxinus penn.			Quercus alba	125		3
Acer rubrum			Fraxinus lance			Quercus ellips			
Acer saccharum			Juglans cinere			Quercus macroc.			
Acer spicatum			Ostrya virgin.			Quercus rubra			
Amelanchier sp.			Pinus Banksian			Quercus sp.			
Betula lutea			Pinus resinosa			Sorbus decora			
Betula papyrifera			Pinus Strobus	170		Tilia amer.			
Carpinus carol.			Populus grand.			Tsuga canad.			
Carya cordif.			Populus trem.			Ulmus amer.			
Carya ovata			Prunus pensyl.			Ulmus fulva			
Crataegus sp.			Prunus scrocin	L					
Fraxinus amer.			Prunus virgin.						

Shrubs & Herbs

Distance: 245

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Callium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coctivallis
Eriogonum xanthosus		Zanthoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.	50	
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	40		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 9.5

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia grynosepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amygdala canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanthoxylum amer.

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra 35		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera 100			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scroton					
Fraxinus amer.			Prunus virgin.					

Distance: 19

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-deewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.	1		Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Petula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 261 20			Tilia amer.		
Carpinus carol.			Populus grand.	2		Tsuga canad.		
Carya cordif.			Populus trem.	3		Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 13

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amygdala canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spm.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum	+		Juglans cinere			Quercus macroc.	65	
Acer spicatum			Ostrya virgin.	+		Quercus rubra		
Amelanchier sp.	+		Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	14		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrocin					
Fraxinus amer.			Prunus virgin.					

Distance: 13 1/2

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis occidentalis
Eriogonum repens		Zanoxylum amer.

Cercia lat.

Lungwortia Can.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	70-95		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 9

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaulthoria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Elymus repens	Polygonatum biflorum	Vitis rotundifolia
Eragrostis canadensis	<i>Sanguinaria</i>	Zanthoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum 60			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer. 50		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrota					
Fraxinus amer.			Prunus virgin.					

Distance: 17

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis rotundifolia
Eriogonum repens		Zanthoxylum amer.

Lycopodium

Saxifraga
arisaema

Cirsium lat

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		10
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum	1	18	Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.	3	
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 16 Nigra 40

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amygdala canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum ramosus		Vitis rotundifolia

Lysiplocaryon

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum	18	1	Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 14

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus -blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum tomentos		Zanthoxylum amer.

Mitella dipsh. Lycopodium lucidulum Sanzania

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum	32-70		Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crotaegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 165

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis rotundifolia
Eriogonum repens		Zarnoxylon amer.

Mitella
Asarum

Symphlocarpos

Laportea

Cystopteris
frag.
Cryptotaenia

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum 4P			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer. 20		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 18

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis californica
Eriogonum repens		Zaradiskium amer.

Laportea

Cissampelos
ImpatiensCorydalis
Asarum
Lithospermum

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum 30			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin. 4			Quercus rubra		
Amelanchier sp.			Pinus Barksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer. 35-2		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

14

Distance: 17

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amygdala canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spm.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum officinum	Vitis coarctata
Eriogonum racemosus		Zanthoxylum amer.

Adiantum
Sanguinaria
Cesam. sericeum

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	26	
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Cstrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin	28				
Fraxinus amer.			Prunus virgin.					

Distance: 9

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amerpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphyles Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Saliz discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvoca.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohio.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Biola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis rotundifolia
Eriogonum repens		Zanoxylum amer.

Dioscorea

Galium Cora.

16

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera 110			Pinus Strobus 15			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 95

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hymoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Malanthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis bicoloralis
Eriogonum tomentos		Zanthoxylum amer.

Polygonatum pub.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.	16-65	
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Petula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scroton					
Fraxinus amer.			Prunus virgin.					

Distance: 17

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia grynosepala	✓ Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitisestivalis
Eriogonum racemosus		Zanthoxylum amer.

Cirsium lat.
Helianthus

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	55		Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Carya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera	35		Pinus Strobus			Tilia amer.		
Campanula carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrocin					
Fraxinus amer.			Prunus virgin.					

Distance: 30

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-derberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cyrtopodium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Vitis coarctata

Salix corn.

Largueneria

Cornus rugosa

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips	120	
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.	25	
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scroton					
Fraxinus amer.			Prunus virgin.					

Distance: 14

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Comorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis coarctata
Eriogonum repens		Zanthoxylum amer.

Cryptotaenia

Adiantum

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea 35			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Campinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrotin					
Fraxinus amer.			Prunus virgin.					

Distance: 75

Shrubs & Herbs

Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohioen.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris sp.	Polygala polygama	Viola sagittata
Eriogonum repens	Polygonatum biflorum	Vitis californica
Eriogonum repens		

Laportia

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 25-36			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 20 1/2		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin. 14			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 90			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 8		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 75-45			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 15		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra 55		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 55			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 16 1/2		

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
10 Betula papyrifera			Pinus Strobus 28-16			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 10

12 Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 60			Fraxinus lanceol.			Quercus ellipsoi 155		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 1			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 16 1/2

14 Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 60-36			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 15

16 Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 24			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer. 280		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin. 1					

Distance: 17

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum 18			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer. 80		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 19

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 75			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum 50			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 16

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum 12			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer. 50		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 19 1/2

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer. 110-60		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 22

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum 3			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
26 Betula papyrifera			Pinus Strobus			Tilia amer. 4 52		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer. 240		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin. 2					
						Distance: 26 1/2		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum 75			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
28 Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 50			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 17 1/2		
Acer negundo			Fraxinus penn.			Quercus alba 2 1/2		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi 90		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
30 Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 12		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 36			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
32 Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera 260			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 20 1/2		

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	2	
Acer rubrum 105			Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera 80			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 19

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 95			Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol. 3			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp. 1			Prunus serotina 32					
Fraxinus amer.			Prunus virgin. 2					

Distance: 41

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer. 16-330		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 25

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin. 26			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer. 56 2		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 20 1/2

THE CORTICOLOUS VEGETATION OF THE NORTHERN WISCONSIN UPLAND
Data collected by William L. Culberson, Summers 1952-1953.

From a 40-tree sample, the continuum index of this stand is 1565
Abbreviations in the data sheets refer to the following species:

<i>Alectoria nidulifera</i>	<i>Parmelia saxatilis</i>	(Bryophytes)
<i>Allarthonia caesia</i>	<i>Parmelia subaurifera</i>	
<i>Anaptychia palmatula</i>	<i>Parmelia subquercifolia</i>	<i>Amblystegium varium</i>
<i>Anaptychia speciosa</i>	<i>Parmelia sulcata</i>	<i>Anomodon attenuatus</i>
<i>Arthonia radiata</i>	<i>Parmelia trichotera</i>	<i>Anomodon minor</i>
<i>Bacidia chlorococca</i>	<i>Parmeliopsis ambigua</i>	<i>Anomodon rostratus</i>
<i>Bacidia fusciorubella</i>	<i>Parmeliopsis hyperopta</i>	<i>Anomodon tristis</i>
<i>Bacidia</i> sp.	<i>Parmeliopsis placorodia</i>	<i>Bazzania trilobata</i>
<i>Buellia punctata</i>	<i>Peltigera canina</i>	<i>Brachythecium</i> sp.
<i>Buellia stillingiana</i>	<i>Pertusaria</i> sp.	<i>Brotherella recurvans</i>
<i>Caloplaca aurantiaca</i>	<i>Physcia aipolia</i>	<i>Campylium hispidulum</i>
<i>Caloplaca cerina</i>	<i>Physcia ascendens</i>	<i>Chamberlainia acuminata</i>
<i>Caloplaca</i> sp.	<i>Physcia ciliata</i>	<i>Dicranum flagellare</i>
<i>Candelaria concolor</i>	<i>Physcia grisea</i>	<i>Dicranum montanum</i>
<i>Candelaria fibrosa</i>	<i>Physcia millegrana</i>	<i>Dicranum</i> sp.
<i>Cetraria atlantica</i>	<i>Physcia orbicularis</i>	<i>Entodon</i> sp.
<i>Cetraria ciliaris</i>	<i>Physcia syncolla</i>	<i>Eurhynchium serrulatum</i>
<i>Cetraria fendleri</i>	<i>Physcia tribaccoides</i>	<i>Eurhynchium strigosum</i>
<i>Cetraria oakesiana</i>	<i>Pyrenula leucoplaca</i>	<i>Frullania asagrayana</i>
<i>Cetraria pinastri</i>	<i>Pyrenula nitida</i>	<i>Frullania bolanderi</i>
<i>Cladonia botrytes</i>	<i>Pyxine soorediata</i>	<i>Frullania eboracensis</i>
<i>Cladonia cenotea</i>	<i>Ramalina fastigiata</i>	<i>Heterophyllum</i>
<i>Cladonia chlorophaea</i>	<i>Ramalina pollinaria</i>	<i>haldanianum</i>
<i>Cladonia coniocraea</i>	<i>Rinodina halei</i>	<i>Hypnum reptile</i>
<i>Cladonia cristatella</i>	<i>Rinodina papillata</i>	<i>Hypnum</i> sp.
<i>Cladonia verticillata</i>	<i>Rinodina</i> sp.	<i>Jamesoniella autumnalis</i>
<i>Collema subfurvum</i>	<i>Trypethelium virens</i>	<i>Leskea</i> sp.
<i>Conotrema urceolatum</i>	<i>Usnea</i> sp.	<i>Leucodon sciuroides</i>
<i>Evernia mesomorpha</i>	<i>Xanthoria fallax</i>	<i>Lindbergia brachyptera</i>
<i>Graphis scripta</i>	<i>Xanthoria polycarpa</i>	var. <i>austinii</i>
<i>Lecanora pallida</i>		<i>Lophocolea heterophylla</i>
<i>Lecanora subfusca</i>		<i>Mnium cuspidatum</i>
<i>Lecanora varia</i>		<i>Mnium spinulosum</i>
<i>Lecidea berengeriana</i>		<i>Neckera pennata</i>
<i>Lecidea nylanderii</i>		<i>Orthotrichum</i> sp.
<i>Lecidea vernalis</i>		<i>Plagiochila asplenioide</i>
<i>Lepraria aeruginosa</i>		<i>Plagiothecium</i> sp.
<i>Leptorhaphis epidermidis</i>		<i>Platygyrium repens</i>
<i>Le sym</i> = unknown crustose		<i>Porella platy-</i>
<i>Lobaria pulmonaria</i>		<i>phylloidea</i>
<i>Lobaria quercizans</i>		<i>Ptilidium pulcherrimum</i>
<i>Normandina pulchella</i>		<i>Pylasia</i> sp.
<i>Ochrolechia pallescens</i>		<i>Radula complanata</i>
<i>Opegrapha varia</i>		<i>Tetraphis pellucida</i>
<i>Parmelia andreana</i>		<i>Thuidium delicatulum</i>
<i>Parmelia aurulenta</i>		<i>Ulota crispa</i>
<i>Parmelia borrieri</i>		
<i>Parmelia caperata</i>		
<i>Parmelia cetrarioides</i>		
<i>Parmelia crinita</i>		
<i>Parmelia physodes</i>		
<i>Parmelia rupestris</i>		

