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Site 6094 (Boreal Stand 94): Dafter, Chippewa County, Michigan. 1956-07-31

[s.l.]: [s.n.], 1956-07-31

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STAND RECORD

FORESTS

Stand No. 94
25 yd. int.

Name: Dafter

County: Chippewa Co, N. Mich

Date: July 31, 1956

Observers:

Size of Stand 15 acres

PFM JEM

Forest Type: Elm-spruce-fir-popple

Topography: level.

Locality: 2 mi. N. Dafter at junction of Hy 2 + Hy M28

T:

R:

Sec:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand: Few trees removed - negligible. - avoided

Popple gradually dying and falling over.

Tall elms - scattered spruce and balsam.

Quite open in places - grassy openings - in understory not canopy.

Stand larger - but 30 yds. confined to homogeneous portion.

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

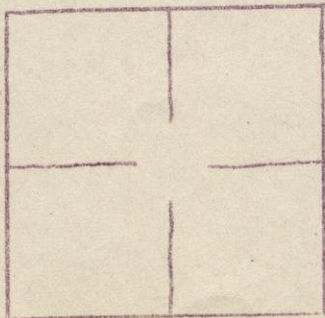
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1/4" leaves	1" leaves + needles.	1/4" leaves
A ₁	3-4" black crumbly	2" black crumbly	4" black crumbly
A ₂	1-2" grey-black, leaching evident	1-2" grey-black leached	1" slight leached
B	red clay - glei	red clay - no glei	grey-red clay - glei

Parent Material:

Map:



Site.

Wet mesic -- to wet

Dafter, Chippewa Co, N. Michigan.

2 Miles N. Dafter at Junction of Hy 2 + Hy M 28

35 yd int.

July 31, 1956

Size - 15 acres

Type - Elm - spruce - fir - popple.

Topography - level

Condition of Stand

Few trees removed - negligible.

Popple - dying + falling over.

Tall elms - scattered spruce - balsam

Quite open - grassy openings

Stand larger but 30 pts confined to homogeneous portion

Wet - Mesic - - Wet ←

Soils

A₀ - 1/4" leaves

A₁ - 3-4" black crumbly

A₂ 1-2" gray black - leaching evident

B. red clay - glier

A₀ - 1" leaves + needles

A₁ - 2" black crumbly

A₂ 1/2" gray black leached

B - red clay no glier

A₀ - 1/4" leaves

A₁ - 4" black crumbly

A₂ - 1" slight leached

B gray - clay - glier.

TREE DATA SUMMARY SHEET

spruce-fir, spruce-fir-mixed hardwoods.
~~Northern Pine-Hardwoods~~

Station Number: 6094

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.
			-80	-320	321										
Abies bals	16	19				939	19	15.8		53.3	19.8	15.8	10.2	45.8	
Acer rubru	11	14				1028	35	29.2		36.6	13.6	11.7	11.2	36.5	
A. sacchar							1	0.8							
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	17	25				1396	7	5.8		56.6	21.0	20.8	15.2	57.0	
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	8	12				895	4	3.3		26.6	9.9	10.0	9.8	29.7	
Prunus virg							1	0.8							
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	1	1				23				3.3	1.2	0.8	0.2	2.2	
Ulmus amer	22	43				4665	24	20.0		73.3	27.1	35.8	50.8	113.7	
U. fulva															
Frax. amer	2	2				110	14	11.7		6.7	2.5	1.7	1.3	5.5	
Frax. nigr.	3	3				107	3	2.5		10.0	3.7	2.6	1.2	7.5	
Alnus rug.	1	1				14	12	10.0		3.3	1.2	0.8	0.1	2.1	
TOTALS	81	120				9177	120	100.0		269.7	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:

12.1

AVE B. A.:

76.5

TREES/ACRE:

298

DOM./ACRE:

22,797

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 94(2)

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>		5 1/2-40		25-60			19-65	6-60 8 1/2-21	7-50 5-40	11 6-40 3 1/2
<i>Acer rubrum</i>	8-95	8 6-115 11	11 1/2	22 18-65 5	3 1/2	8	9	7-60 10 1/2 5 1/2-105		
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>										
<i>Carpinus car</i>										
<i>Frax amer</i> <i>Fagus gran</i>	10			8	8	1 3	3		10-35	
<i>Ostrya virg</i>										
<i>Picea glau</i>	17-105 17-40	16-27 8 1/2		9-135	10-40	11-40 14-50		12-65		23-30
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>										
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>	14-40		5			5		3		
<i>Prunus pen.</i> <i>virginiana</i>										4 1/2
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>										
<i>Ulmus amer</i>	9 3	14-185 1 1/2	28-115 13 1/2-25 16-165 112-165	12-55 10-125	5-165	14-230 10-105	10-420 17-49 25-60	9-19 13		19-205 25 15
<i>U. fulva</i>										
<i>Frax myr</i>			6							
<i>Alnus incana</i>			10		7 3					14 1/2
<i>Canopy</i> <i>litter</i>	85 1/4	90 1/4	30 1/2	75 -	80 1/4	70 -	55 1/2	65 1	85 1/4	65 1 1/2
Distance										

Av. canopy = 68%

Av. litter = 0.6"

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 94/3)

[illegible]

University of Wisconsin
STAND NO. 94

[illegible]

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
<i>Desmodium glutinosum</i>																							
<i>Dicentra canadensis</i>																							
<i>Dicentra cucullaria</i>																							
<i>Diervilla lonicera</i>																							
<i>Dirca palustris</i>																							
<i>Dryopteris bootii</i>																							
<i>Dryopteris cristata</i>																							
<i>Dryopteris disjuncta</i>	✓																						1
<i>Dryopteris goldiana</i>																							
<i>Dryopteris marginalis</i>																							
<i>Dryopteris noveboracensis</i>																							
<i>Dryopteris phegopteris</i>	✓																						1
<i>Dryopteris spinulosa</i>	✓	✓	✓	✓			✓	✓	✓		✓				✓						8	53	
<i>Empetrum nigrum</i>																							
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Epilobium angustifolium</i>																							
<i>Epilobium glandulosum</i>	✓															✓						1	7
<i>Epilobium strictum</i>																							
<i>Equisetum arvense</i>	✓						✓		✓	✓	✓				✓	✓	✓					7	47
<i>Equisetum pratense</i>																							
<i>Equisetum scirpoides</i>																							
<i>Equisetum sylvaticum</i>	✓															✓	✓					2	13
<i>Erigeron annuus</i>																							
<i>Erigeron philadelphicus</i>	✓				✓			✓														2	13
<i>Erigeron strigosus</i>																							
<i>Erythronium albidum</i>																							
<i>Erythronium americanum</i>																							
<i>Eupatorium maculatum</i>	✓																						1
<i>Eupatorium perfoliatum</i>																							
<i>Eupatorium purpureum</i>																							
<i>Fagopyrum sagittatum</i>																							
<i>Festuca obtusa</i>																							
<i>Fragaria vesca</i>																							
<i>Fragaria virginiana</i>	✓			✓		✓		✓														3	20
<i>Galium aparine</i>																							
<i>Galium asprellum</i>	✓																						1
<i>Galium boreale</i>																							
<i>Galium concinnum</i>																							
<i>Galium lanceolatum</i>																							
<i>Galium triflorum</i>	✓	✓		✓		✓			✓		✓	✓		✓		✓						8	53
<i>Gaultheria hispidula</i>																							
<i>Gaultheria procumbens</i>																							
<i>Gaylussacia baccata</i>																							
<i>Gentiana andrewsii</i>																							
<i>Gentiana crinata</i>																							
<i>Gentiana linearis</i>																							
<i>Gentiana quinquefolia</i>																							
<i>Geocaulon lividum</i>																							
<i>Geranium bicknelli</i>																							
<i>Geranium maculatum</i>																							
<i>Geranium robertianum</i>																							

[illegible]

[illegible]

[illegible]

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
Trifolium pratense																							
Trifolium repens																							
Trillium cernuum	✓																						1
Trillium erectum																							
Trillium grandiflorum																							
Trillium undulatum																							
Uvularia grandiflora	✓																						1
Uvularia sessilifolia																							
Vaccinium angustifolium																							
Vaccinium cespitosum																							
Vaccinium corymbosum																							
Vaccinium myrtilloides																							
Vaccinium ovalifolium																							
Vaccinium uliginosum																							
Vaccinium vitis-idaea																							
Veronica officinalis																							
Veronica scutellata																							
Veronica serpyllifolia																							
Viburnum acerifolium																							
Viburnum alnifolium																							
Viburnum cassinoides																							
Viburnum edule																							
Viburnum lentago																							
Viburnum rafinesquianum																							
Viburnum trilobum																							
Vicia americana																							
Viola adunca																							
Viola blanda,																							
Viola canadensis																							
Viola conspersa																							
Viola cucullata																							
Viola incognita	✓						✓								✓	✓						3	20
Viola nephrophylla																							
Viola pallens																							
Viola papilionacea																							
Viola pubescens	✓		✓		✓	✓																3	20
Viola renifolia																							
Viola selkirkii																							
Viola sororia																							
Vitis riparia																							
Waldsteinia fragarioides																							
Woodsia ilvensis																							
Xanthoxylum americanum																							
Tree Seedlings																							
Abies balsamea	✓										✓											1	7
Acer pensylvanicum																							
Acer rubrum	✓	✓	✓	✓							✓	✓	✓	✓	✓							8	53
Acer saccharum																							
Acer spicatum																							

<i>Salicopsis tetralix</i>	✓
<i>Rumex crispus</i>	✓
<i>Sphagnum</i> spp	✓
<i>Mentha arvensis</i>	✓

PRESENCE LIST

SPRUCE-FIR -- MIXED HARDWOODS

STAND NO. 94

TREES

~~Abies balsamea~~
~~Acer pensylvanicum~~
~~Acer rubrum~~
~~Acer saccharum~~
~~Acer spicatum~~
 Amelanchier spp.
 Betula lutea
 Betula papyrifera
 Carpinus caroliniana
 Crataegus spp.
 Fagus grandifolia
~~Fraxinus americana~~

~~Fraxinus nigra~~
~~Fraxinus pennsylvanicum~~
 Larix laricina
 Ostrya virginiana
~~Picea glauca~~
 Picea mariana
 Pinus banksiana
 Pinus resinosa
 Pinus strobus
 Populus balsamifera
 Populus grandidentata
~~Populus tremuloides~~

Prunus nigra
 Prunus pensylvanica
 Prunus serotina
~~Prunus virginiana~~
 Pyrus americana
 Pyrus decora
 Quercus rubra var. borealis
~~Thuja occidentalis~~
 Tilia americana
 Tsuga canadensis
~~Ulmus americana~~
 Ulmus rubra

SHRUBS

Alnus crispa
~~Alnus rugosa~~
 Arctostaphylos uva-ursi
 Celastrus scandens
 Chamaedaphne calyculata
 Comptonia peregrina
 Cornus alternifolia
 Cornus racemosa
 Cornus rugosa
 Cornus stolonifera
 Corylus americana
~~Corylus cornuta~~
 Diervilla lonicera
 Dirca palustris
 Empetrum nigrum
 Gaylussaccia baccata
 Hamamelis virginiana
 Ilex verticillata
 Juniperus communis
 Juniperus horizontalis
 Ledum groenlandicum
 Lonicera canadensis
 Lonicera dioica

Lonicera hirsutum
 Lonicera involucrata
 Lonicera oblongifolia
 Lonicera villosa
 Parthenocissus quinquefolia
 Parthenocissus vitacea
 Prunus pumila
 Pyrus melanocarpa
 Rhamnus alnifolia
 Rhus glabra
 Rhus typhina
 Ribes americanum
~~Ribes cynosbati~~
~~Ribes glandulosum~~
~~Ribes hirtellum~~
 Ribes lacustre
 Ribes oxyacanthoides
~~Ribes triste~~
 Rosa sp.
 Rubus allegheniensis
 Rubus (blackberry)
 Rubus (dewberry)
 Rubus (raspberry)

~~Rubus idaeus~~
 Rubus parviflorus
 Salix sp.
 Sambucus canadensis
 Sambucus pubens
 Shepherdia canadensis
 Smilax tamnoides var. hispida
 Spiraea alba
 Spiraea latifolia
 Symphoricarpos albus
 Symphoricarpos occidentalis
 Taxus canadensis
 Vaccinium angustifolium
 Vaccinium myrtilloides
 Vaccinium vitis-idaea
 Viburnum acerifolium
 Viburnum cassinoides
 Viburnum edule
 Viburnum lentago
 Viburnum rafinesquianum
 Viburnum trilobum
 Vitis vulpina
 Zanthoxylum americanum

HERBS

Achillea millefolium
 Actaea pachypoda
~~Actaea rubra~~
 Adiantum pedatum
~~Agrimonia gryposepala~~
 Agrostis perennans
 Allium tricoccum
 Amphicarpa bracteata
 Anaphlis margaritacea
 Anemone canadensis
 Anemone cylindrica
~~Anemone quinquefolia~~
 Anemone virginiana
 Antennaria sp.
 Apocynum androsaemifolium
 Aquilegia canadensis
~~Aralia nudicaulis~~
 Aralia racemosa
~~Arisaema atrorubens~~
 Asarum canadense
 Asclepias exaltata
 Aster furcatus
 Aster macrophyllus
 Aster nova-angliae
 Aster paniculatus

Aster puniceus
 Aster sagittifolius
 Aster umbellatus
~~Athyrium filix-femina~~
 Athyrium thelypteroides
 Botrychium lunaria
 Botrychium matricariaefolium
 Botrychium multifidum
 Botrychium virginianum
 Calypso bulbosa
 Campanula rotundifolia
 Carex arctata
~~Carex intumescens~~
~~Carex pensylvanica~~
 Carex woodii
 Carex spp.
 Chimaphila umbellata
 Chrysanthemum leucanthemum
 Chrysosplenium americanum
 Cinna latifolia
~~Circaea alpina~~
 Claytonia caroliniana
 Claytonia virginiana
 Clematis virginiana
 Clematis verticillaris

Clintonia borealis
 Comandra richardsiana
 Comandra umbellata
 Coptis groenlandicum
 Corallorhiza maculata
 Corallorhiza striata
 Corallorhiza trifida
 Cornus canadensis
 Corydalis sempervirens
 Cynoglossum officinale
 Cypripedium acaule
 Cypripedium calceolus var. pubescens
~~Cystopteris fragilis~~
 Dalibarda repens
 Desmodium glutinosum
 Dicentra canadensis
 Dicentra cucullaria
 Dryopteris cristata
~~Dryopteris disjuncta~~
 Dryopteris goldiana
 Dryopteris marginalis
~~Dryopteris phegopteris~~
~~Dryopteris spinulosa~~

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

94

Epigaea repens
Epilobium angustifolium
Epilobium glandulosum
Epilobium strictum
Equisetum pratense
Equisetum sylvaticum
Erigeron annuus
Erigeron philadelphicus
Erigeron strigosus
Erythronium albidum
Erythronium americanum
Fragaria vesca
Fragaria virginiana
Galium aparine
Galium boreale
Galium concinnum
Galium lanceolatum
Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana andrewsii
Gentiana crinata
Gentiana quinquefolia
Geocaulon lividum
Geranium bicknellii
Geranium maculatum
Geum rivale
Goodyera repens
Goodyera tessellata
Habenaria hyperborea
Habenaria orbiculata
Habenaria psycodes
Habenaria viridis
Halenia deflexa
Helianthus strumosus
Hepatica acutiloba
Hepatica americanum
Hieracium aurantiacum
Hieracium canadense
Hieracium scabrum
Impatiens capensis
Iris lacustris
Isopyrum biternatum
Lathyrus ochroleucus
Linnaea borealis
Lobelia inflata
Lycopodium annotinum
Lycopodium clavatum
Lycopodium clavatum var. megastachyon
Lycopodium complanatum
Lycopodium inundatum

Lycopodium lucidulum
Lycopodium obscurum
Lycopodium obscurum var. dendroideum
Lycopodium selago
Lycopodium tristachyum
Lysimachia ciliata
Lysimachia quadrifolia
Lysimachia terrestris
Maianthemum canadense
Malaxis unifolia
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla
Mitella nuda
Moneses uniflora
Monotropa hypopithys
Monotropa uniflorus
Onoclea sensibilis
Orchis spectabilis
Osmorhiza claytoni
Osmorhiza longistylis
Osmunda cinnamomea
Osmunda claytoniana
Oxalis montana
Oxalis stricta
Panax quinquefolius
Panax trifolius
Petasites palmatus
Phlox divaricata
Poa compressa
Poa pratensis
Polygala paucifolia
Polygonatum biflorum
Polygonatum pubescens
Polymnia canadensis
Polypodium virginianum
Potentilla norvegica
Potentilla simplex
Potentilla tridentata
Prenanthes alba
Primula mistassinaca
Prunella vulgaris
Pteridium aquilinum
Pyrola asarifolia
Pyrola elliptica
Pyrola minor
Pyrola rotundifolia
Pyrola secunda
Pyrola virens
Ranunculus abortivus

Ranunculus acris
Ranunculus pensylvanicus
Ranunculus recurvatus
Ranunculus repens
Ranunculus septentrionalis
Rhus radicans
Rubus pubescens
Sanguinaria canadensis
Sanicula marilandica
Satureja vulgaris
Schizachne purpurascens
Scutellaria epilobiifolia
Scutellaria lateriflora
Smilacina racemosa
Smilacina stellata
Smilacina trifolia
Smilax herbacea
Solidago canadensis
Solidago flexicaulis
Solidago graminifolia
Solidago ulmifolia
Stellaria calycantha
Streptopus amplexifolius
Streptopus roseus
Taraxacum officinale
Thalictrum dioicum
Thalictrum polygamum
Tiarella cordifolia
Trientalis borealis
Trillium cernuum
Trillium erectum
Trillium grandiflorum
Trillium undulatum
Uvularia grandiflora
Uvularia sessilifolia
Vicia americana
Viola adunca
Viola blanda
Viola canadensis
Viola conspersa
Viola cucullata
Viola incognita
Viola nephrophylla
Viola pallens
Viola papilionacea
Viola pubescens
Viola renifolia
Viola selkirkii
Viola sororia
Waldsteinia fragarioides

Additional species

Mosses
Lichens
Salicornia tetralix
Brachyelytrum erectum
Equisetum arvense
Poa pratensis
Lactuca canadensis
Aster lateriflorus
Geum canadense

Rumex crispus - ? big leaves
Galium aparine
Sphagnum spp.
Carex pedunculata
Mentha arvensis
Solidago coll n: 5-93
Carex prostrata
Geopetalum maculatum
Carex acutata

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 94 (1)

TREE SEEDLINGS

Abies balsamea
Acer pensylvanicum
0312 Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
Betula papyrifera

Fagus grandifolia
Larix laricina
Ostrya virginiana
Picea glauca
Picea mariana
Pinus banksiana
Pinus resinosa

Pinus strobus
Populus tremuloides
Prunus pensylvanica
Prunus serotina
Thuja occidentalis
Tilia americana
Tsuga canadensis

65 Ulmus am.

SHRUBS

Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
Lonicera canadensis

Prunus pumila
Pyrus melanocarpa
Ribes cynosbati
Ribes glandulosum
Ribes lacustre
Rosa sp.
Rubus (blackberry)
Rubus (dewberry)
Rubus (raspberry)

7432 Rubus idaeus
7 Ribes frute

Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
Symphoricarpos occidentalis
Taxus canadensis
Vaccinium angustifolium
Vaccinium myrtilloides
Viburnum acerifolium
Viburnum trilobum

HERBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Anaphlis margaritacea
Anemone cylindrica
Anemone quinquefolia
Anemone virginiana
Antennaria spp.
Apocynum androsaemifolium
Aquilegia canadensis
5 Aralia nudicaulis
03 Arisaema atrorubens
Aster macrophyllus
52 Athyrium filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
5 Circaea alpina
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
Cornus canadensis
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

876324 Dryopteris spinulosa
Epigaea repens
Epilobium angustifolium
Equisetum sylvaticum
Erythronium americanum
Fragaria vesca

753 Fragaria virginiana

Galium aparine
08531 Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
Hepatica americana
Hieracium aurantiacum
Linnaea borealis
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
3 Maianthemum canadense
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla

063 Mitella nuda
Monotropa uniflora
7 Osmorhiza claytoni
5 Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
3 Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
71531 Ranunculus acris
Rhus radicans
098765321 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
Streptopus roseus
Tiarella cordifolia
03 Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
Viola pallens
542 Viola pubescens
Viola renifolia
Waldsteinia fragarioides

6 Viola incognita

Brachyglottis erect 9

Mileum effusum 10

Additional species

Mosses 123456789
Lichens 18
Impatiens capensis 234567890
Petasites palmatus 17
Primula vulgaris 13
Ranunculus abortivus 140
Carex spp. 123456789
Carex intempestiva 135690
Carex oretata 1234567890
Ranunculus canadense 237

Ranunculus abortivus 140
Carex spp. 123456789
Carex intempestiva 135690
Carex oretata 1234567890
Ranunculus canadense 237

Taraxacum 4
Sanguinaria 47
Rosa latifolia 50
Equisetum arvense 6890
Sedum latifolium 8

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 94(2)

TREE SEEDLINGS

Abies balsamea
Acer pensylvanicum
4321 Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
Betula papyrifera

Fagus grandifolia
Larix laricina
Ostrya virginiana
Picea glauca
Picea mariana
Pinus banksiana
Pinus resinosa

Pinus strobus
42 Populus tremuloides
Prunus pensylvanica
Prunus serotina
Thuja occidentalis
Tilia americana
Tsuga canadensis
43 Ulmus canadensis

SHRUBS

Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
Lonicera canadensis

Prunus pumila
Pyrus melanocarpa
5 Ribes cynosbati
Ribes glandulosum
Ribes lacustre
Rosa sp.
Rubus (blackberry)
Rubus (dewberry)
Rubus (raspberry)
Rubus idaeus
32 Rubus strigosus

Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
Symphoricarpos occidentalis
Taxus canadensis
Vaccinium angustifolium
Vaccinium myrtilloides
Viburnum acerifolium
Viburnum trilobum

HERBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Anaphalis margaritacea
Anemone cylindrica
1 Anemone quinquefolia
Anemone virginiana
Antennaria spp.
Apocynum androsaemifolium
Aquilegia canadensis
53 Aralia nudicaulis
1 Arisaema atrorubens
Aster macrophyllus
32 Athyrium filix-femina
Botrychium virginianum
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Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Viola renifolia
Waldsteinia fragarioides
54 Viola minor

Additional species

Monarda 12345
Liliopsis
Impatiens capensis 12345
Carex acutata
Prunella 1234-5
gem. canad. 5
Brachyelytrum erect. 13
Carex projecta 2
Ranunculus repens 2
Scutellaria lateralis 24

Carex intumescens 25
Equisetum arvense 345
Pentstemon 4
Epilobium glandulosum 4

Taraxacum 974
Aster later 45
Ranunculus abort 5