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Site 5098: Douglas County, Township 45N, Range 11W, Section 8. 1954-07-29

[s.l.]: [s.n.], 1954-07-29

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CONIFER SWAMP

Ecology Form # 71

Field Data Sheet - Trees

Stand # 98-July 29-54

No saplings, but

some seedlings

Monardella

Crucifera

pH

Conduc.

Cat.Cap.

Location 45N11W8

02

36" Bore

% Cover 80

Basal Area

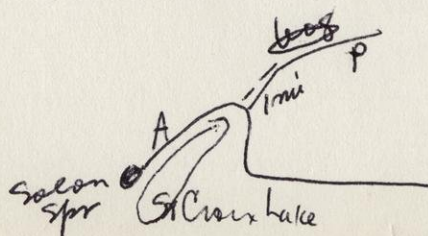
Larix Picea Thuja Pop.tr. Betula pap.

Distances

Chis
65

TOTALS

Sketch Map:



Plant Ecology Laboratory
Data Form 68

Station No. 5098

Data Form 68														Station No. 110	
Tree	No.	No.	Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD				
	Pts.	Tr.	12-80	81-320	321+									Dom.	Sap.
Abies balsamea	5	5	4	1		327			20	5	9.4	34.4	136	154.8	
Acer rubrum															
Acer spicatum															
Betula lutea															
B. papyrifera															
Carya cord.															
C. ovata															
Fraxinus nigra															
Juglans cinerea															
Larix laricina															
Picea glauca															
P. mariana															
Pinus resinosa															
P. strobus															
Pop. balsamifera															
P. grand.															
P. trem.															
Prunus serotina															
Pyrus americana															
Quercus bicolor															
Q. rubra															
Thuja occ.	20	95	90	5		3156			80	95	90.6	265.6	1064	1062	
Tilia americana															
Tsuga can.															
Ulmus americana															
U. rubra															

Total tran. 25

Av. Tr. Dis. 3483

Av. BA

No. Tr./Acre 1200

1216.8

Thuya

4		12
		16
5		20
		24
6		28
		32
7		36
		40
8		44
		48
		52
		56
		60
		64
		68
		72
		76
		80
		84
		88
		92
		96
		100

Alnus

4	12
	16
	20
	24
	28
	32
	36
	40
	44
	48
	52
	56
	60
	64
	68
	72
	76
	80
	84
	88
	92
	96
	100

327

95 3156

Research in Progress - Taxonomy:

The forest along the new highway was also constructed this year. The fire lanes between the white pine-red spruce stands, so the eastern section will be subjected to a con- siderable fire around the east end of the main spruce zone com- plement, and Gentiana sp. etc.

John W. Thomson has with the other on the lichen of the Hudson Bay area, based on the collection made by him during August 1950. Lichens collected by several other workers in the Arctic are also being worked on by him. A number of the North American Physciales are also being worked on by him.

TABULATION FORM

CONIFER SWAMP

Stand No. 5098

[illegible]

CONIFER SWAMP

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Carex diandra																						
Carex disperma	✓	✓																				1
Carex flava																						
Carex granularis var. ha																						
Carex hystericina																						
Carex interior																						
Carex intumescens	✓																					
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea																						
Carex leptonervia																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula																						
Carex pedunculata																						
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis	✓		✓																			1
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	17
Carex tuckermani																						
Chamaedaphne calyculata	✓																					
Chelone glabra																						
Cicuta bulbifera																						
Cicuta mukulata																						
Cinna latifolia																						
Circaea alpine																						
Cirsium muticum																						
Clintonia borealis	✓																					
Coptis groenlandica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	18
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	18
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera	✓	✓	✓	✓							✓					✓						5
Cypripedium acaule																						
Cypripedium arietnum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis																						
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5098

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Dryopteris cristata	✓										✓											1
Dryopteris disjuncta																						
Dryopteris phegopteris																						
Dryopteris spinulosa	✓				✓	✓	✓				✓											4
Dryopteris thelypteris	✓							✓														1
Dulichium arundinaceum																						
Echinocystis lobata																						
Eleocharis smallii																						
Epigaea repens																						
Epilobium angustifolium																						
Epilobium glandulosum va	✓																					
Epilobium strictum	✓																					
Equisetum fluviatile																						
Equisetum scirpoides																						
Erigeron philadelphicus																						
Eriophorum angustifolium																						
Eriophorum spissum																						
Eriophorum tenellum	✓																					
Eriophorum virginicum																						
Eriophorum viridi-carina																						
Eupatorium maculatum																						
Eupatorium perfoliatum																						
Galium aparine																						
Galium boreale																						
Galium concinnum																						
Galium labradoricum	✓							✓														1
Galium trifidum																						
Galium triflorum	✓	✓	✓			✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14
Galeopsis tetrahit																						
Gaultheria hispidula	✓	✓			✓		✓		✓		✓		✓	✓		✓	✓	✓		✓		10
Gaultheria procumbens	✓									✓			✓	✓								3
Gaylussacia baccata																						
Gentiana linearis																						
Geranium maculatum																						
Geum laciniatum																						
Geum rivale																						
Glyceria canadensis																						
Glyceria grandis																						
Glyceria striata	✓							✓					✓									2
Goodyera repens																						
Habenaria clavellata																						
Habenaria dilatata																						
Habenaria hyperborea																						
Habenaria lacera																						
Habenaria leucophaea																						
Habenaria media																						
Habenaria obtusata	✓							✓					✓			✓	✓	✓	✓	✓	✓	5
Habenaria psycodes																						
Halenia deflexa																						
Hydrocotyle americana																						
Hypericum virginicum																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5098

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5098

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5098

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Sol. sp.</i>	✓																					
<i>Rubus pubescens</i>	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	16
<i>Rumex crispus</i>																						
<i>Rumex verticillatus</i>																						
<i>Sagittaria latifolia</i>																						
<i>Salix candida</i>																						
<i>Salix pedicellaris</i>																						
<i>Salix sp.</i>																						
<i>Sambucus canadensis</i>																						
<i>Sarracenia purpurea</i>																						
<i>Saxifraga pennsylvanica</i>																						
<i>Scheuchzeria palustris</i> v																						
<i>Scirpus acutus</i>																						
<i>Scirpus cyperinus</i>																						
<i>Scirpus hudsonianus</i>																						
<i>Scirpus pedicellatus</i>																						
<i>Scirpus rubrotinctus</i>																						
<i>Scirpus validus</i>																						
<i>Scutellaria epilobifolia</i>	✓																					
<i>Scutellaria lateriflora</i>																						
<i>Selaginella selaginoides</i>																						
<i>Senecio aureus</i>																						
<i>Sium suave</i>																						
<i>Smilacina stellata</i>																						
<i>Smilacina trifolia</i>	✓	✓		✓		✓					✓			✓	✓			✓				7
<i>Smilax herbacea</i>																						
<i>Smilax lasioneura</i>																						
<i>Solanum dulcamara</i>																						
<i>Solidago canadensis</i>																						
<i>Solidago gigantea</i>																						
<i>Solidago graminifolia</i>																						
<i>Solidago patula</i>																						
<i>Solidago purshii</i>																						
<i>Sphenopholis intermedia</i>																						
<i>Spiraea alba</i>																						
<i>Spiraea tomentosa</i>																						
<i>Stachys palustris</i> var. h																						
<i>Stachys tenuifolia</i>																						
<i>Stellaria longifolia</i>																						
<i>Streptopus roseus</i>																						
<i>Symplocarpus foetidus</i>																						
<i>Taxus canadensis</i>																						
<i>Thalictrum dasycarpum</i>																						
<i>Trientalis borealis</i>	✓							✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	11
<i>Triglochin maritima</i>																						
<i>Trillium flexipes</i>																						
<i>Typha latifolia</i>																						
<i>Urtica dioica</i>																						
<i>Vaccinium angustifolium</i>	✓																					
<i>Vaccinium macrocarpon</i>																						
<i>Vaccinium myrtilloides</i>	✓																		✓			1
<i>Vaccinium oxycoccos</i>	✓	✓												✓								2

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Viburnum acerifolium</i>																							
<i>Viburnum lentago</i>																							
<i>Viburnum trilobum</i>																							
<i>Viola canadensis</i>																							
<i>Viola cucullata</i>																							
<i>Viola pallens</i>		✓		✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓	✓	✓	✓	14
<i>Viola renifolia</i>																							
<i>Vitis riparia</i>																							
<i>Xanthoxylum americanum</i>																							
ph		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							12

PRESENCE LIST

CONIFER BOG

Stand No. 98

17, 18, 20.
 Abies balsamea 1, 2, 5, 11, 12, 13, 14, 15, 16, 17, 18, 20.
 Acer rubrum
 Acer spicatum
 Betula lutea
 Betula papyrifera
 Carya cordiformis
 Fraxinus nigra

Juglans cinerea
 Larix laricina
 Picea glauca
 Picea mariana
 Pinus resinosa
 Pinus strobus
 Populus tremuloides

Prunus serotina
 Quercus bicolor
 Quercus rubra
 Sorbus americana
 Thuja occidentalis 1, 5, 15.
 Tsuga canadensis
 Ulmus americana

HERBS AND SHRUBS

Alnus incana
 Alnus rugosa 2, 4, 5, 10
 Andromeda glaucophylla
 Anemone canadensis
 Aralia hispida
 Aralia nudicaulis 9, 20,
 Arceuthobium pusillum
 Arctostaphylos uva-ursi
 Arethusa bulbosa
 Arisaema atrorubens
 Asclepias incarnata
 Aster lateriflorus
 Aster novae-angliae 12, 19,
 Aster umbellatus
 Betula pumila
 Betula sandbergii
 Bidens coronata
 Boehmeria cylindrica
 Botrychium virginianum
 Bromus ciliatus
 Calamagrostis canadensis 3,
 Calla palustris
 Calopogon pulchellus
 Caltha palustris
 Campanula aparinoides
 Chamaedaphne calyculata
 Chiogenes hispidula 1, 4, 6, 8, 11, 13, 15, 16,
 Cicuta bulbifera 17, 20,
 Cicuta maculata
 Circaea alpina
 Cirsium muticum
 Clintonia borealis
 Coptis trifolia 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
 Corallorrhiza trifida 13, 15, 16, 17, 19, 20,
 Cornus canadensis 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
 Cornus obliqua 13, 14, 15, 16, 18, 19, 20,
 Cornus stolonifera 1, 2, 3, 10, 15,
 Cypripedium acaule
 Cypripedium arietinum
 Cypripedium parviflorum
 Cypripedium pubescens
 Cypripedium reginae
 Decodon verticillatus
 Diervilla lonicera
 Drosera intermedia
 Drosera longifolia
 Drosera rotundifolia
 Dryopteris linneana

Dryopteris phegopteris
 Dryopteris spinulosa 4, 5, 6, 10,
 Dryopteris thelypteris 7, 10,
 Dulichium arundinaceum
 Epigaea repens
 Epilobium adenocaulon
 Epilobium angustifolium
 Epilobium densum
 Equisetum scirpoides
 Eriophorum angustifolium
 Eriophorum virginicum
 Eriophorum viridi-carinatum
 Eupatorium perfoliatum
 Eupatorium maculatum
 Galium aparine
 Galium concinnum
 Galium labradoricum 7
 Galium trifidum
 Gaultheria procumbens 9, 12, 13,
 Gaylussacia baccata
 Gentiana linearis
 Geum rivale
 Glyceria striata 7, 13,
 Goodyera repens
 Habenaria clavellata
 Habenaria dilatata
 Habenaria hyperborea
 Habenaria lacera
 Habenaria leucophaea
 Habenaria media
 Habenaria obtusata 12, 16, 17, 19, 20,
 Habenaria psycodes
 Halenia deflexa
 Helenium autumnale
 Hypericum virginicum
 Ilex verticillata
 Impatiens biflora
 Iris versicolor
 Iris virginica
 Juncus tenuis
 Kalmia polifolia
 Ledum groenlandicum 13, 16, 17, 18,
 Leersia oryzoides
 Linnaea borealis 3, 4, 8, 9, 11, 12, 13, 15, 17, 18,
 Liparis loeselii 19, 20,
 Listera cordata
 Lobelia kalmii
 Lobelia siphilitica

July 29-54
 Lonicera ~~canadensis~~ 5, 14,
 Lonicera oblongifolia
 Lycopodium uniflorum 14, 16,
 Lysimachia terrestris
 Maianthemum canadense 3, 5, 6, 8, 12, 14, 16,
 Malaxis unifolia 17, 20,
 Menyanthes trifoliata
 Mimulus ringens
 Mitchella repens 16, 17, 18, 19, 20
 Mitella nuda 2, 3, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15,
 Moneses uniflora 18, 19,
 Muhlenbergia mexicana
 Muhlenbergia racemosa
 Myrica gale
 Nemophanthus mucronata
 Onoclea sensibilis
 Osmunda cinnamomea
 Osmunda regalis 2,
 Parnassia caroliniana
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phalaris arundinacea
 Physocarpus opulifolius
 Poa palustris
 Pogonia ophioglossoides
 Polygala pauciflora 19, 20,
 Potentilla palustris
 Prenanthes alba
 Pyrola asarifolia 9, 11,
 Pyrola elliptica 11,
 Pyrola rotundifolia 4, 9,
 Pyrola secunda 17,
 Ranunculus abortivus
 Rhamnus alnifolia 7
 Rhus radicans
 Rhus vernix
 Ribes americanum
 Ribes cynosbati
 Ribes hirtellum
 Ribes lacustre
 Ribes triste
 Rorippa palustris
 Rosa caroliniana
 Rubus idaeus
 Rubus triflorus 1, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13,
 Rynchospora alba 14, 17, 18, 19, 20,
 Salix candida
 Sarracenia purpurea

Saxifraga pennsylvanica
Scirpus cyperinus
Scirpus acutus
Scirpus hudsonianus
Scirpus rubrotinctus
Scirpus validus
Scutellaria epilobifolia
Scutellaria lateriflora
Selaginella selaginoides
Sium suave

Smilacina trifolia 13, 510, 13, 14, 17,
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
Trientalis borealis 7, 9, 10, 12, 13, 14, 15, 17,
Triglochin maritima 18, 19, 20,

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 July 29-54
Typha latifolia
Vaccinium angustifolium
Vaccinium macrocarpon
Vaccinium oxycoccus 1, 13,
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
Viola pallens 2, 3, 4, 6, 7, 8, 11, 12, 14,
Vitis riparia 15, 17, 18, 19, 20

Additional species:

Carex tri-sperma 2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
Sphagnum 12, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15,
Salix tri-flora 12, 5, 7, 8, 9, 11, 12, 13, 14, 15, 17, 18, 19,
Dryopteris crist 10,
Carex ~~gigantea~~ intumescens
Carex di-sperma 1,
Phleum 1,
Carex ~~stans~~ steriles 2
~~*Galium latifolium* 1,~~
~~*Galium macro*,~~
Parnellia vulgaris 12,
Len can 12,
Solidago sp.
~~*Chaenactis* 16,~~ !!!
Lactuca
Vaccinium myrt. 19,
~~*Epilobium glandulosum*~~
~~*Eriophorum*~~