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Site 5106: Bayfield County, Township 43N, Range 5W, Section 27. 1954-08-02

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CONIFER SWAMP

Ecology Form # 71

Field Data Sheet - Trees

Stand # 106 - Aug. 2-54

Redox.

Conduc.

Cat.Cap.

Location *Brigfield* 43N5W27

pH

02

36" Bore

% Cover 20

Basal Area

Larix Picea Thuja Pop.tr. Betula pap.

white pine

Distances

6.8

5 6.5

6.5 6

5.5 4 5

6.5 4

7.5

4 6

6

4.5

4

6.5 4

4 7.5

5.5

4 6

4

4 4.5

4

4.5 5.5

4.5 6.5 6

4.5 4.5

7

4 5.5

4 4

4.5 4 4.5

5 5 4

5 4 4.5

5 5

4 8

4

7 6.5

5

5 6.5

6

4.5

6.5

4 5

6

5.5 5.5

4 4 4

4 6.5

5 6 6

5 4

6.5

4 5 2

4 5

4.5 7.5

4

5 8

4 4

6 5.5

4 5 6.5

4.5 5

TOTALS

4.5

4.5 4

5 5.5

8.25, 5, 19,

16.5, 8.75, 17.25,

5, 18, 2.75

10.75, 9.25, 8.5

4.25, 6.5, 13,

3.75, 9.5, 9.75,

1.25, 17, 9.75,

5, 10.25, 10,

2, 5, 6.5

8.25, 5.25, 5.75

7.5, 11.25, 4.25,

9, 7.5, 9.25,

5.75, 11.75, 12,

7, 5.75, 13.5

19.5, 13.25, 4.75

1, 8.75, 4.25,

21, 2.5, 6.75,

2.75, 3.25, 8.25

4.75, 11.5, 24,

5.25, 15.5, 6,

Sketch Map:

Plant Ecology Laboratory
Data Form 68

Station No. 5106

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD	
	Pts.	Tr.	12-80	81-320	321+	Dom.	Sap.	Seed	Seed	Tr.	Tr.	Index
Abies balsamea												
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera												
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina	12	21	21			608			36.4	21	28.1	85.5
Picea glauca												
P. mariana	20	78	78			1528			60.6	78	70.7	209.3
Pinus resinosa												
P. strobus	1	1	1			24			3.0	1	1.1	5.1
Pop. balsamifera												
P. grand.												
P. trem.												
Prunus serotina												
Pyrus americana												
Quercus bicolor												
Q. rubra												
Thuja occ.												
Tilia americana												
Tsuga can.												
Ulmus americana												
U. rubra												

Total tran. 33

Av. Tr. Dis. 9 2160

Av. BA

150 100 99.9 999.9

No. Tr./Acre

305 524.5

85.5

294.8

418.6

20.4

Larix

4 IIII
II5 I
I6 III
IIII7 II
II

8 II

21 608

Picea

4 IIII IIII IIII IIII IIII II
IIII IIII5 IIII IIII IIII
IIII6 IIII IIII
IIII IIII

7

8

78 1528

Wh pine

5.5 1

24

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5106

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5106

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Hystrix patula</i>																							
<i>Ilex verticillata</i>																							
<i>Impatiens capensis</i>																							
<i>Iris versicolor</i>																							
<i>Iris virginica</i>																							
<i>Juncus canadensis</i>																							
<i>Juncus effusus</i>																							
<i>Juncus tenuis</i>																							
<i>Juniperus communis</i> var.																							
<i>Kalmia polifolia</i>	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	15	
<i>Lactuca biennis</i>																							
<i>Lathyrus palustris</i>																							
<i>Ledum groenlandicum</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20	
<i>Leersia oryzoides</i>																							
<i>Linnaea borealis</i>																							
<i>Liparis loeselii</i>																							
<i>Listera cordata</i>																							
<i>Lobelia siphilitica</i>																							
<i>Lonicera canadensis</i>																							
<i>Lonicera dioica</i>																							
<i>Lonicera oblongifolia</i>																							
<i>Lonicera villosa</i>																							
<i>Luzula acuminata</i>																							
<i>Lycopodium annotinum</i>																							
<i>Lycopodium clavatum</i>																							
<i>Lycopodium lucidulum</i>																							
<i>Lycopodium obscurum</i>																							
<i>Lycopus uniflorus</i>																							
<i>Lysimachia ciliata</i>																							
<i>Lysimachia hybrida</i>																							
<i>Lysimachia quadriflora</i>																							
<i>Lysimachia terrestris</i>																							
<i>Lysimachia thyrsiflora</i>																							
<i>Maianthemum canadense</i>																							
<i>Malaxis unifolia</i>																							
<i>Melampyrum lineare</i>																							
<i>Mentha trifoliata</i>																							
<i>Mimulus ringens</i>																							
<i>Mitchella repens</i>																							
<i>Mitella diphylla</i>																							
<i>Mitella nuda</i>																							
<i>Moneses uniflora</i>																							
<i>Monotropa hypopithys</i>																							
<i>Monotropa uniflora</i>	✓																						
<i>Muhlenbergia mexicana</i>																							
<i>Muhlenbergia racemosa</i>																							
<i>Myrica gale</i>																							
<i>Nasturtium officinale</i>																							
<i>Nemopanthus mucronata</i>																							
<i>Onoclea sensibilis</i>																							
<i>Osmunda cinnamomea</i>	✓																	✓				1	

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5106

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

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 106 - Aug. 2-54

✓ *Abies balsamea* *seed*
Acer rubrum
Acer spicatum
Betula lutea
Betula papyrifera
Carya cordiformis
Fraxinus nigra

Juglans cinerea
 ✓ *Larix laricina*
Picea glauca
 ✓ *Picea mariana* *35*
Pinus resinosa
 ✓ *Pinus strobus* *seed*
 ✓ *Populus tremuloides*

Prunus serotina
Quercus bicolor
Quercus rubra
Sorbus americana
Thuja occidentalis
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
 ✓ *Alnus rugosa*
 ✓ *Andromeda glaucophylla*
Anemone canadensis
Aralia hispida
Aralia nudicaulis
Arceuthobium pusillum
Arctostaphylos uva-ursi
Arethusa bulbosa
Arisaema atrorubens
Asclepias incarnata
Aster lateriflorus
Aster novae-angliae
Aster umbellatus
Betula pumila
Betula sandbergii
Bidens coronata
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
Calla palustris
Calopogon pulchellus
Caltha palustris
Campanula aparinoides *15, 20*
 ✓ *Chamaedaphne calyculata* *35, 69, 11, 12*
 ✓ *Chiogenes hispidula* *10, 16*
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
 ✓ *Cornus canadensis* *17*
Cornus obliqua
Cornus stolonifera
 ✓ *Cypripedium acaule* *11*
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
Drosera rotundifolia
Dryopteris linneana

Dryopteris phegopteris
Dryopteris spinulosa
Dryopteris thelypteris
Dulichium arundinaceum
Epigaea repens
Epilobium adenocaulon
 ✓ *Epilobium angustifolium*
Epilobium densum
Equisetum scirpoides
Eriophorum angustifolium
 ✓ *Eriophorum virginicum* *16, 17*
Eriophorum viridi-carinatum
Eupatorium perfoliatum
Eupatorium maculatum
Galium aparine
Galium concinnum
Galium labradoricum
Galium trifidum
 ✓ *Gaultheria procumbens* *18*
Gaylussacia baccata
Gentiana linearis
Geum rivale
Glyceria striata
Goodyera repens
Habenaria clavellata
Habenaria dilatata
Habenaria hyperborea
Habenaria lacera
Habenaria leucophaea
Habenaria media
Habenaria obtusata
Habenaria psycodes
Halenia deflexa
Helenium autumnale
Hypericum virginicum
Ilex verticillata
Impatiens biflora
Iris versicolor
Iris virginica
Juncus tenuis *15, 18, 19, 20*
 ✓ *Kalmia polifolia* *23, 56, 7, 8, 9, 10, 11, 12, 14*
 ✓ *Ledum groenlandicum* *12, 34, 56, 7, 8, 9, 10, 11*
Leersia oryzoides
Linnaea borealis *12, 13, 14, 15, 16, 17*
Liparis loeselii *18, 19, 20*
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
Lycopus uniflorus
Lysimachia terrestris
Maianthemum canadense
Malaxis unifolia
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda
Moneses uniflora
Muhlenbergia mexicana
Muhlenbergia racemosa
Myrica gale
Nemopanthus mucronata
Onoclea sensibilis
 ✓ *Osmunda cinnamomea* *17*
Osmunda regalis
Parnassia caroliniana
Parthenocissus vitacea
Pedicularis lanceolata
Phalaris arundinacea
Physocarpus opulifolius
Poa palustris
Pogonia ophioglossoides
Polygala pauciflora
Potentilla palustris
Prenanthes alba
Pyrola asarifolia
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus abortivus
Rhamnus alnifolia
Rhus radicans
Rhus vernix
Ribes americanum
Ribes cynosbati
Ribes hirtellum
Ribes lacustre
Ribes triste
Rorippa palustris
Rosa caroliniana
Rubus idaeus
Rubus triflorus
Rynchospora alba
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 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
Smilax herbacea 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
Solidago serotina 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
Spiraea alba 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
Spiraea tomentosa 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
Trientalis borealis
Triglochin maritima

106-Aug 2-54

Typha latifolia
Vaccinium angustifolium 3, 16, 17
Vaccinium macrocarpon
Vaccinium oxycoccus 1, 3, 5, 6, 7, 8, 9, 10, 11
Vaccinium pennsylvanicum 1, 3, 5, 6, 7, 8, 9, 10, 11
Viburnum opulus 19, 20
Viola canadensis
Viola pallens
Vitis riparia

Additional species:

✓ *Sphagnum* 12, 34, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
 ✓ *Carex stricta* - *sperma* 1, 2, 3, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18, 19, 20
 ✓ *Vaccinium myrt* 1, 2, 4, 5, 7, 8, 10, 11, 12, 13, 14, 16, 18, 20
 ✓ *Carex* ~~stricta~~ *brunnescens*
 ✓ *Dryopteris crist.*
 ✓ *Salix* sp
 ✓ *Manisotropa*
 ✓ *Carex pauc.*
 ✓ *Eriophorum spissum* 8, 11