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Site 5112: Taylor County, Township 32N, Range 1E, Section 35. 1954-08-04

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CONIFER SWAMP

Ecology Form # 71

Field Data Sheet - Trees

Stand # 112-Aug. 4-54

Redox.

Conduc.

Cat.Cap.

Location Taylor Co
N side of M
Probably 32N E 35

pH

02

36" Bore

% Cover 35

Basal Area

Larix Picea Thuja Pop.tr. Betula pap. *Pinus strobus*

Distances

5.5	5.5				50	10.75, 10.25, 12,
6					80	9.75, 9.25, 5.25
4.5					110	15.75, 25, 15,
4.5	7.5					19, 11.75, 20.25,
5	7					10.75, 14, 9
7	6.5					9.75, 7.25, 10.25,
5.5	6.5		7.5			75, 8.5, 16,
4.5 7 4						9.25, 5.5, 10.25,
6.5						15.25, 8, 10.25,
5.5 4.5 6.5						6.75, 8.75, 15.5
7.5 4.5						3.75, 5.25, 21.5
5.5 7 4.5						5.75, 13.75, 9.75,
5 8						18.75, 12.75, 9.25,
6.5 5.5						8, 11.25, 6.5
5 4.5 4.5						9.75, 7.5, 14,
5 5 7						6.75, 8, 6.75
4 4.5	4					8.75, 12.75, 5.75
4.5 5	8					16.75, 7, 13.75
4.5 5 5.5						11.5, 9, 5.75
5 5.5						11.25, 6, 1.5,
4 6.5 5						
4.5 5.5 5.5						
5 6						
4.5 5						
4 4 5						
6 6 5.5						
5 5.5						
4 6.5						
5.5 6						
4 4						
4.5 4.5						
5 5						
5 4.5	4					
4 6.5						
5 7 5.5						
5 7.5						
4.5 4.5						
5 6						
5 6.5						

TOTALS

Sketch Map:

Plant Ecology Laboratory
Data Form 68

Station No. *5112*

bed 25

Tree	No.		Size Cl. sq. in.			Dom.	No. Sap.	F% Seed	F% Seed	D% Tr.	Dom% Tr.	DFD Index	
	Pts.	Tr.	12-80	81-320	321+								
<i>Abies balsamea</i>													
<i>Acer rubrum</i>													
<i>Acer spicatum</i>													
<i>Betula lutea</i>													
<i>B. papyrifera</i>													
<i>Carya cord.</i>													
<i>C. ovata</i>													
<i>Fraxinus nigra</i>													
<i>Juglans cinerea</i>													
<i>Larix laricina</i>	20	57	57			1182			48.8	57	44.3	150.1	150-1
<i>Picea glauca</i>													
<i>P. mariana</i>	13	32	32			882			31.2	32	33.1	96.8	247 193.6
<i>Pinus resinosa</i>													
<i>P. strobus</i>	7	10	8	2		558			17.1	10	20.9	48.0	96 1920
<i>Pop. balsamifera</i>													
<i>P. grand.</i>													
<i>P. trem.</i>	1	1	1			44			24	1	1.6	5.0	15 17-5
<i>Prunus serotina</i>													
<i>Pyrus americana</i>													
<i>Quercus bicolor</i>													
<i>Q. rubra</i>													
<i>Thuja occ.</i>													
<i>Tilia americana</i>													
<i>Tsuga can.</i>													
<i>Ulmus americana</i>													
<i>U. rubra</i>													

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

41

2660

150

10099.4

444

358

553.2

10.5

2699

Lary

112

4 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 5 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 6 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 7 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 8 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Picea

57

1182

4 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 5 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 6 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 7 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 8 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

32

882

Pop trem

7.5 1 44

Pen str

6.5 ~~||||~~ ~~||||~~ ~~||||~~
 4 1 102
 7 1 12
 8 1 44
 50
 50
 80
 110
 110

34
 102

554

10 558

11
 32
 57
 100

[illegible]

C. canescens ✓

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																						
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																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma								✓	✓	✓	✓			✓						✓		6
Carex tuckermani																						
Chamaedaphne calyculata	✓	✓							✓			✓	✓	✓		✓		✓				7
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata																						
Cinna latifolia																						
Circaea alpine																						
Cirsium muticum																						
Clintonia borealis		✓																				
Coptis groenlandica																						
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis		✓																				
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera																						
Cypripedium acaule		✓	✓	✓		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15
Cypripedium arietnum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis																						
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5112

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>	✓	✓	✓		✓													✓	✓		✓	6
<i>Lactuca biennis</i>																						
<i>Lathyrus palustris</i>																						
<i>Ledum groenlandicum</i>	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
<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>	✓																✓					1

TABULATION FORM

CONIFER SWAMP

Stand No. 5112

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5112

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Rubus pubescens</i>																							
<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>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				12	
<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>	✓						✓																1
<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>	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	18
<i>Vaccinium oxycoccos</i>	✓		✓		✓			✓	✓		✓	✓	✓	✓		✓		✓	✓				11

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 112

Aug. 4-51

Abies balsamea
 ✓ Acer rubrum *red 13*
 Acer spicatum
 Betula lutea
 ✓ Betula papyrifera *yellow 4*
 Carya cordiformis
 Fraxinus nigra

Juglans cinerea
 ✓ Larix laricina
 Picea glauca
 ✓ Picea mariana *11*
 Pinus resinosa
 ✓ Pinus strobus *6*
 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, 17*
 ✓ Chamaedaphne calyculata *18, 19, 20, 21, 22, 23*
 ✓ Chiogenes hispidula *13*
 Cicuta bulbifera
 Cicuta maculata
 Circaea alpina
 Cirsium muticum
 ✓ Clintonia borealis
 Coptis trifolia
 Corallorrhiza trifida
 ✓ Cornus canadensis
 Cornus obliqua
 Cornus stolonifera
 ✓ Cypripedium acaule *2, 4, 7, 8, 10, 11, 12, 13*
 Cypripedium arietinum
 Cypripedium parviflorum *14, 15, 16*
 Cypripedium pubescens *17, 19, 20*
 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 *6*
 Eriophorum viridi-carinatum
 Eupatorium perfoliatum
 Eupatorium maculatum
 Galium aparine
 Galium concinnum
 Galium labradoricum
 Galium trifidum
 ✓ Gaultheria procumbens *7, 10, 12, 14, 15, 16*
 Gaylussacia baccata *18, 19, 20*
 Gentiana linearis
 Geum rivale
 Glyceria striata
 Goodyera repens
 Habenaria clavellata
 Habenaria dilatata
 Habenaria hyperborea
 Habenaria lacera
 Habenaria leucophaea
 Habenaria media
 Habenaria obtusata *19*
 Habenaria psycodes
 Halenia deflexa
 Helenium autumnale
 Hypericum virginicum
 Ilex verticillata
 Impatiens biflora
 Iris versicolor
 Iris virginica
 Juncus tenuis
 ✓ Kalmia polifolia *12, 17, 18, 20*
 ✓ Ledum groenlandicum *12, 13, 14, 15, 16, 17*
 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
 ✓ 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 2, 4, 5, 6, 7, 8, 9, 10, 11,
12, 13, 18,
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
Trientalis borealis 6,
Triglochin maritima

112 - Aug. 12 - 54
Typha latifolia
Vaccinium angustifolium
Vaccinium macrocarpon
Vaccinium oxycoccus 2, 4, 7, 8, 10, 11,
Vaccinium pennsylvanicum 12, 13, 15,
Viburnum opulus 17, 18,
Viola canadensis
Viola pallens
Vitis riparia

Additional species:

Sphagnum 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20,
Vaccinium myrt. 1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
✓ *Lonicera canadensis*
✓ *Monotropa unif.* 6, 12,
✓ *Ernph. aprosum* 6, 9,
✓ *C. trisperma* 7, 8, 9, 10, 13, 19,
✓ *Equis flav.*
✓ *Laxus*
✓ *Melampyrum lineare* 16
✓ *Pyrus melanocarpa*
✓ *Carex canescens*