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Stand # 66

Field Data Sheet - Trees

Conduc.	Cat.Cap.
---------	----------

Location 38 N 11 E 20

36" Bore *read*

% Cover 70

Larix Picea Thuja Pop.tr. Betula pap. *Alnus*

Distances

TOTALS

Sketch Map:

4.2 mi to
Three
Lafces
45847

Weg

Plant Ecology Laboratory
Data Form 68

Station No. 66 hland 32

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD		
	Pts.	Tr.	80	81-	321+	Dom.	Sap.	Seed	Seed	Tr.	Tr.	Index	
Abies balsamea	3	4	4			84			10.3	4	1.8	16.1	64 72.45
Acer rubrum													
Acer spicatum													
Betula lutea													
B. papyrifera	6	6	6			258			20.7	6	5.5	32.2	192 161.0
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	90	73	17		4307			68.9	90	92.6	251.5	1008 1006.0
Tilia americana													
Tsuga can.													
Ulmus americana													
U. rubra													

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

29

4649

999

999 299.8

1264

1239.4

10-6

387.9

TABULATION FORM

CONIFER SWAMP

Stand No. 5066

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5066

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	✓	✓	✓			✓	✓					✓	✓	✓							✓	7
Carex flava																						
Carex granularis var. ha																						
Carex hystericina	✓					✓																1
Carex interior																						
Carex intumescens																						
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	17
Carex leptonervia																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula																						
Carex pedunculata	✓			✓																		1
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma	✓			✓				✓	✓	✓	✓		✓				✓	✓			✓	9
Carex tuckermani																						
Chamaedaphne calyculata																						
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata																						
Cinna latifolia																						
Circaea alpine	✓														✓					✓		2
Cirsium muticum	✓														✓							1
Clintonia borealis	✓	✓	✓	✓			✓	✓				✓	✓	✓	✓							9
Coptis groenlandica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis	✓	✓		✓	✓				✓	✓			✓	✓			✓	✓	✓	✓	✓	12
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera	✓	✓	✓		✓														✓	✓		4
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. 5066

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	✓	✓	✓		✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15
Dryopteris phegopteris	✓									✓	✓											2
Dryopteris spinulosa	✓	✓								✓	✓			✓		✓					✓	6
Dryopteris thelypteris	✓																					
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																						
Galium trifidum																						
Galium triflorum	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
Galeopsis tetrahit																						
Gaultheria hispidula	✓				✓			✓			✓	✓										3
Gaultheria procumbens																						
Gaylussacia baccata																						
Gentiana linearis																						
Geranium maculatum																						
Geum laciniatum																						
Geum rivale																						
Glyceria canadensis																						
Glyceria grandis																						
Glyceria striata																						
Goodyera repens																						
Habenaria clavellata																						
Habenaria dilatata																						
Habenaria hyperborea																						
Habenaria lacera																						
Habenaria leucophaea																						
Habenaria media																						
Habenaria obtusata	✓									✓	✓	✓	✓									4
Habenaria psycodes																						
Halenia deflexa																						
Hydrocotyle americana																						
Hypericum virginicum																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5066

[illegible]

[illegible]

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CONIFER SWAMP

Stand No. 5066

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

July 1

Date Form No. 22

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

CONIFER BOG

very little repro

Stand No.

66

- ✓ *Abies balsamea* 1, 2, 4, 5, 7, 9, 11, 12, 14, 17, 19
✓ *Acer rubrum*
✓ *Acer spicatum* 3, 4, 6, 8, 9
✓ *Betula lutea* 5, 6, 12, 18
✓ *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* seed
✓ *Sorbus americana*
✓ *Thuja occidentalis* 4, 5
✓ *Tsuga canadensis* seed
✓ *Ulmus americana*

HERBS AND SHRUBS

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

- ✓ *Dryopteris phegopteris* 9, 10
✓ *Dryopteris spinulosa* 9, 10, 13, 15, 20
✓ *Dryopteris thelypteris*
✓ *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*
✓ *Galium trifidum*
✓ *Gaultheria procumbens*
✓ *Gaylussacia baccata*
✓ *Gentiana linearis*
✓ *Geum rivale*
✓ *Glyceria striata*
✓ *Goodyera repens*
✓ *Habenaria clavellata*
✓ *Habenaria dilatata*
✓ *Habenaria hyperborea*
✓ *Habenaria lacera*
✓ *Habenaria leucophaea*
✓ *Habenaria media*
✓ *Habenaria obtusata* 9, 10, 11, 12
✓ *Habenaria psycodes*
✓ *Halenia deflexa*
✓ *Helenium autumnale*
✓ *Hypericum virginicum*
✓ *Ilex verticillata* 16
✓ *Impatiens biflora*
✓ *Iris versicolor*
✓ *Iris virginica*
✓ *Juncus tenuis*
✓ *Kalmia polifolia*
✓ *Ledum groenlandicum* 10, 19
✓ *Leersia oryzoides*
✓ *Linnaea borealis* 2, 3, 4, 5, 7, 8, 10, 13, 14, 15
✓ *Liparis loeselii* 16, 17, 18, 19, 20
✓ *Listera cordata*
✓ *Lobelia kalmii*
✓ *Lobelia siphilitica*

- ✓ *Lonicera caerulea*
✓ *Lonicera oblongifolia*
✓ *Lycopus uniflorus*
✓ *Lysimachia terrestris*
✓ *Maianthemum canadense* 1, 7, 11, 14, 16
✓ *Malaxis unifolia* 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
✓ *Menyanthes trifoliata*
✓ *Mimulus ringens*
✓ *Mitchella repens*
✓ *Mitella nuda* 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
✓ *Moneses uniflora* 3, 9, 18, 19, 20
✓ *Muhlenbergia mexicana*
✓ *Muhlenbergia racemosa*
✓ *Myrica gale*
✓ *Nemopanthus mucronata* 10
✓ *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* 17
✓ *Pyrola secunda* 1, 2, 3, 10, 14, 17
✓ *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* 1, 2, 3, 4, 5, 6, 9, 10, 11, 12
✓ *Rhynchospora alba* 13, 14, 15, 16, 17, 18, 19
✓ *Salix candida*
✓ *Sarracenia purpurea*

1, 2, 4, 6, 10, 11, 12
13, 14, 15, 16, 17, 18, 19, 20

July 9 '8

✓ *Saxifraga pennsylvanica**Scirpus cyperinus**Scirpus acutus**Scirpus hudsonianus**Scirpus rubrotinctus**Scirpus validus*4.5 ✓ *Scutellaria epilobifolia* 16,*Scutellaria lateriflora**Selaginella selaginoides**Sium suave**Smilacina trifolia**Smilax herbacea**Solidago serotina**Spiraea alba**Spiraea tomentosa**Steironema lanceolatum**Symplocarpus foetidus*4.0 ✓ *Thalictrum dasycarpum*55 ✓ *Trientalis borealis* 1, 2, 3, 5, 6, 7, 9, 11, 16, 17,*Triglochin maritima* 19,*Typha latifolia**Vaccinium angustifolium**Vaccinium macrocarpon**Vaccinium oxycoccus**Vaccinium pennsylvanicum**Viburnum opulus*4.0 ✓ *Viola canadensis*55 ✓ *Viola pallens* 5, 6, 8, 9, 10, 12, 13, 14,*Vitis riparia* 16, 17, 18,

Additional species:

2. ✓ 35 ✓ *Carex disperma* 2, 5, 6, 11, 12, 13, 203.3 ✓ 45 ✓ *C. disperma* 3, 7, 8, 9, 10, 12, 16, 17, 203.7 ✓ 50 ✓ *Oxalis mon* 3, 5, 6, 7, 8, 14, 16, 17, 18, 19,6.3 ✓ 85 ✓ *Carex* 2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

2.2 ✓ 30 ✓ grass 4, 6, 9, 14, 16, 17,

7.10 ✓ *Juncus* 5, 10,✓ *Lonicera can*7.0 ✓ 95 ✓ *Galium triflorum* 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 204.5 ✓ *Juncus erectus* 9,7.10 ✓ *Salix* 12,4.5 ✓ ~~*Salix*~~1.5 ✓ 20 ✓ ~~*Carex*~~ 1, 2, 4, 5,4.5 ✓ *Waldsteinia* 19,4.5 ✓ *Carex purpurea* 3,5 ✓ *Lycopodium annu* 8,✓ *Actaea*7.4 ✓ 100 ✓ *Asplenium**Asplenium* 5

7 1360