



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 5015A: Oconto County, Township 29N, Range 20E, Section 33.

[s.l.]: [s.n.], [s.d.]

<https://digital.library.wisc.edu/1711.dl/FHKLSCEI55XOV8P>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

Plant Ecology Laboratory
Data Form 68

Station No. 5015

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	D% Tr.	Dom% Tr.	DFD Index	
			12- 80	81- 320	321- 1280							
Abies balsamea												
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera	4	4	4			128			14.3	4	6.6	24.9 149.4 124.5
Carya cord.												
C. ovata												
Fraxinus nigra	1	1	1			12			3.6	1	0.6	5.2 36.4 26.0
Juglans cinerea												
Larix laricina	14	57	56	1		1159			50.0	57	60.0	167.0 167.0 167.0
Picea glauca												
P. mariana	1	1	1			12			3.6	1	0.6	5.2 5.2 10.4
Pinus resinosa												97.7
P. strobus												5.2
Pop. balsamifera												5.2
P. grand.												167.0
P. trem.												24.9
Prunus serotina												300.0
Pyrus americana												
Quercus bicolor												6.6
Q. rubra												0.6
Thuja occ.	8	37	36	1		619			28.6	37	32.1	97.7 390.8 390.8
Tilia americana												99.9
Tsuga can.												390.9
Ulmus americana												5.2
U. rubra												167.0

Total tran. 28 100.

Av. Tr. Dis. 1930 10 Av. BA

100.1 100 99.9 300.0 749 No. Tr./Acre

718.7

5015

①	Jh	4	9	4	⑧	L	4	33	⑮	L	7	8	0	
		4	6	2		L	5	11		L	7	8	3	
		4				L	4	17		L	7	19	8	
		7	12	11		Bapp 6				Jh	5.5			
		2'5"				Jh	4			Bgap	8			
②	Jh	5	1	5	⑨	L	9	19	8	⑯	5	L	9	2
		6.5				L	4	8	10		4	Jh	5	11
		4	3	4		L	4	4	5		6	L	13	5
		4				Bgap 7					4	L		
		4	7	1		L	2'4"				4	L		
③	Pica	4	7	4	⑩	Bgap 4		4	3	⑰	L	4	7	11
	Jh	4	15	3		L	4	5	7		5.5		5	0
	Jh	4				L	4				4			
	Jh	4	1	5		L	4	5	8		4		6	4
	Jh	4				L	4				4			
	Jh	6.5												
④	Jh	4	10	11	⑪	L	4	5	9	⑱	L	4	5	8
		4	15					5.5	9	2		4	6	7
		4	9	2				4			4		4	9
		4						10	0		4			
		4						4			4			
		4						4			4			
⑤	Jh	4	7	7	⑫	L	6	36	0	⑲	L	4	3	7
	Jh	4	35					4			4			
	Jh	4	23	9				4			4.5		7	5
	Jh	4						4			4		7	5
	Jh	4						4			4			
	Linx	7						5			4			
⑥	L	4	7	3	⑬	Jh	4	18	1	⑳	L	5	7	10
	L	4	2	10		Jh	5	14	3		4		5	1
		4.5	6	7		Jh	4		2		4			
		4				Jh	4				2'6"		5	11
		4				Jh	4				2'6"			
⑦	Jh	4	5	11	⑭	L	4	20						
	L	4	10	11		Jh	5	18						
	L	4	7	?		L	4	17						
	L	4				Jh	4							
	L	5				Jh	4							

Stand No. 5015-

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5015

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							✓															1
Carex interior		✓									✓											1
Carex intumescens																						
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea		✓	✓			✓	✓		✓								✓		✓	✓	✓	8
Carex leptoneura																						1
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula									✓		✓											2
Carex pedunculata																						
Carex projecta		✓																				
Carex pseudo-cyperus		✓	✓			✓			✓						✓	✓						5
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta		✓			✓																	1
Carex tenuiflora																						
Carex trisperma									✓													1
Carex tuckermanni																						
Chamaedaphne calyculata																						
Chelone glabra																						
Cicuta bulbifera		✓	✓	✓	✓	✓		✓		✓				✓								7
Cicuta muculata					✓																	
Cinna latifolia																						
Circaea alpine																						
Cirsium muticum																						
Clintonia borealis																						
Coptis groenlandica		✓																				
Coralorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis		✓														✓						1
Cornus obliqua																						
Cornus racemosa						✓	✓		✓	✓	✓				✓		✓					2
Cornus stolonifera		✓																				
Cypripedium acaule																						
Cypripedium arietinum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis		✓																				
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

Carex prairea

TABULATION FORM

CONIFER SWAMP

Stand No. 5015

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 disiuncta																						
Dryopteris phegopteris																						
Dryopteris spinulosa	✓	✓																				
Dryopteris thelypteris	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	16
Dulichium arundinaceum																						
Echinocystis lobata																						
Eleocharis smallii																						
Epigaea repens																						
Epilobium angustifolium																						
Epilobium glandulosum va																						
Epilobium strictum	✓				✓			✓	✓													3
Equisetum fluviatile	✓																		✓	✓	✓	2
Equisetum scirpoides																						
Erigeron philadelphicus																						
Eriophorum angustifolium																						
Eriophorum spissum																						
Eriophorum tenellum																						
Eriophorum virginicum																						
Eriophorum viridi-carina																						
Eupatorium maculatum	✓					✓																1
Eupatorium perfoliatum	✓																					
Galium aparine	✓																					
Galium boreale																						
Galium concinnum																						
Galium labradoricum																						
Galium trifidum	✓						✓			✓	✓			✓			✓					5
Galium triflorum																						
Galeopsis tetrahit																						
Gaultheria hispidula					✓																	
Gaultheria procumbens																						
Gaylussacia baccata																						
Gentiana linearis																						
Geranium maculatum																						
Geum laciniatum																						
Geum rivale																						
Glyceria canadensis																						
Glyceria grandis																						
Glyceria striata	✓	✓					✓		✓		✓										✓	4
Goodyera repens																						
Habenaria clavellata																						
Habenaria dilatata																						
Habenaria hyperborea																						
Habenaria lacera																						
Habenaria leucophaea																						
Habenaria media																						
Habenaria obtusata																						
Habenaria psycodes																						
Halenia deflexa																						
Hydrocotyle americana	✓	✓																				
Hypericum virginicum																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5015

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>	✓			✓																		1
<i>Impatiens capensis</i>	✓			✓	✓		✓				✓				✓							5
<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>																						
<i>Lactuca biennis</i>																						
<i>Lathyrus palustris</i>																						
<i>Ledum groenlandicum</i>	✓																	✓				1
<i>Leersia oryzoides</i>	✓				✓				✓													2
<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>	✓		✓					✓							✓			✓				4
<i>Lonicera villosa</i>	✓									✓			✓	✓								3
<i>Luzula acuminata</i>																						
<i>Lycopodium annotinum</i>																						
<i>Lycopodium clavatum</i>																						
<i>Lycopodium lucidulum</i>																						
<i>Lycopodium obscurum</i>																						
<i>Lycopus uniflorus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
<i>Lysimachia ciliata</i>	✓																					
<i>Lysimachia hybrida</i>																						
<i>Lysimachia quadriflora</i>																						
<i>Lysimachia terrestris</i>																						
<i>Lysimachia thyrsiflora</i>	✓			✓			✓				✓			✓	✓							5
<i>Maianthemum canadense</i>	✓	✓				✓	✓				✓	✓		✓		✓	✓	✓		✓	✓	11
<i>Malaxis unifolia</i>																						
<i>Melampyrum lineare</i>																						
<i>Menthanthes trifoliata</i>	✓																					
<i>Mimulus ringens</i>																						
<i>Mitchella repens</i>																						
<i>Mitella diphylla</i>																						
<i>Mitella nuda</i>	✓						✓															1
<i>Moneses uniflora</i>																						
<i>Monotropa hypopithys</i>																						
<i>Monotropa uniflora</i>																						
<i>Muhlenbergia mexicana</i>	✓								✓			✓			✓							3
<i>Muhlenbergia racemosa</i>																						
<i>Myrica gale</i>																						
<i>Nasturtium officinale</i>																						
<i>Nemopanthus mucronata</i>																						
<i>Onoclea sensibilis</i>	✓																					
<i>Osmunda cinnamomea</i>	✓																					

TABULATION FORM

CONIFER SWAMP

Stand No. 5015

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Osmunda regalis</i>																						
<i>Oxalis montana</i>																						
<i>Oxalis stricta</i>																						
<i>Panicum boreale</i>																						
<i>Panicum lanuginosum</i> var.																						
<i>Parietaria pensylvanicum</i>																						
<i>Parthenocissus inserta</i>	✓						✓			✓		✓	✓			✓		✓				6
<i>Pedicularis lanceolatus</i>																						
<i>Penthorum sedoides</i>																						
<i>Phalaris arundinacea</i>	✓																					
<i>Phleum pratense</i>																						
<i>Phragmites communis</i>																						
<i>Physocarpus opulifolius</i>																						
<i>Pilea pumila</i>																						
<i>Poa palustris</i>																						
<i>Poa pratensis</i>																						
<i>Pogonia ophioglossoides</i>																						
<i>Polygala paucifolia</i>																						
<i>Polygonatum pubescens</i>																						
<i>Polygonum convolvulus</i>																						
<i>Polygonum amphibium</i> var.																						
<i>Polygonum sagittatum</i>																						
<i>Potentilla fruticosa</i>									✓		✓											2
<i>Potentilla palustris</i>																						
<i>Prenanthes alba</i>																						
<i>Prunella vulgaris</i>																						
<i>Prunus pensylvanicum</i>																						
<i>Prunus virginiana</i>																						
<i>Pteridium aquilinum</i>																						
<i>Pycnanthemum virginianum</i>					✓																	
<i>Pyrola asarifolia</i>									✓					✓								2
<i>Pyrola elliptica</i>																						
<i>Pyrola rotundifolia</i>																						
<i>Pyrola secunda</i>																						
<i>Pyrus floribunda</i>																						
<i>Pyrus melanocarpa</i>																						
<i>Ranunculus abortivus</i>																						
<i>Ranunculus hispidus</i>																						
<i>Rhamnus alnifolia</i>																						
<i>Rhus radicans</i>																						
<i>Rhus vernix</i>	✓	✓							✓		✓	✓				✓						5
<i>Rhynchospora alba</i>																						
<i>Ribes americanum</i>	✓																					
<i>Ribes cynosbati</i>																						
<i>Ribes hirtellum</i>																						
<i>Ribes lacustre</i>																						
<i>Ribes triste</i>																						
<i>Rosa carolina</i>																						
<i>Rubus allegheniensis</i>																						
<i>Rubus idaeus</i>																						
<i>Rubus occidentalis</i>																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5015

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>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	19	
<i>Rumex crispus</i>																							
<i>Rumex verticillatus</i>	✓													✓								1	
<i>Sagittaria latifolia</i>																							
<i>Salix candida</i>	✓																						
<i>Salix pedicellaris</i>	✓									✓												1	
<i>Salix sp.</i>																							
<i>Sambucus canadensis</i>																							
<i>Sarracenia purpurea</i>																							
<i>Saxifraga pennsylvanica</i>	✓													✓								1	
<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>	✓						✓	✓	✓	✓	✓						✓					6	
<i>Smilax herbacea</i>																							
<i>Smilax lasioneura</i>																							
<i>Solanum dulcamara</i>	✓				✓												✓					2	
<i>Solidago canadensis</i>																							
<i>Solidago gigantea</i>	✓												✓	✓	✓							3	
<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>																						</	

209

PRESENCE LIST

CONIFER BOG

Stand No. 5015

Abies balsamea
Acer rubrum
Acer spicatum
Betula lutea 12,
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 3, 19, 20
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa 13, 4, 5, 6
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 7, 9
Boehmeria cylindrica 10, 12, 16, 42
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
Calla palustris
Calopogon pulchellus
Caltha palustris 2, 3, 7, 12, 18
Campanula aparinoides 1, 10, 13, 18
Chamaedaphne calyculata
Chiogenes hispidula
Cicuta bulbifera 1, 2, 3, 4, 7, 9, 13
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
Cornus canadensis 15
Cornus obliqua
Cornus stolonifera 5, 6, 8, 9, 10, 14, 16
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
Dryopteris thelypteris 1, 2, 6, 7, 8, 9, 10, 12
Dulichium arundinaceum 13, 14, 15, 16, 17, 18, 19, 20
Epigaea repens
Epilobium adenocaulon
Epilobium angustifolium
Epilobium densum 4, 7, 8
Equisetum scirpoides
Eriophorum angustifolium
Eriophorum virginicum
Eriophorum viridi-carinatum
Eupatorium perfoliatum
Eupatorium maculatum 5
Galium aparine
Galium concinnum
Galium labradoricum
Galium trifidum 6, 9, 10, 13, 16
Gaultheria procumbens
Gaylussacia baccata
Gentiana linearis
Geum rivale
Glyceria striata 6, 11, 20, 8
Goodyera repens
Habenaria clavellata
Habenaria dilatata
Habenaria hyperborea
Habenaria lacera
Habenaria leucophaea
Habenaria media
Habenaria obtusata
Habenaria pycodes
Halenia deflexa
Helenium autumnale
Hypericum virginicum
Ilex verticillata 3
Impatiens biflora 3, 4, 6, 11, 14
Iris versicolor
Iris virginica
Juncus tenuis
Kalmia polifolia
Ledum groenlandicum 17
Leersia oryzoides 4, 8
Linnaea borealis
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia 2, 7, 14, 16
Lycopus uniflorus 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Lysimachia terrestris 13, 14, 15, 16, 18, 19, 20
Maianthemum canadense 1, 5, 6, 10, 11, 13, 15, 16, 17, 19, 20
Malaxis unifolia
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda 6
Moneses uniflora
Muhlenbergia mexicana 8, 11, 14
Muhlenbergia racemosa
Myrica gale
Nemopanthus mucronata
Onoclea sensibilis
Osmunda cinnamomea
Osmunda regalis
Parnassia caroliniana
Parthenocissus vitacea 6, 9, 11, 12, 15, 17
Pedicularis lanceolata
Phalaris arundinacea
Physocarpus opulifolius
Poa palustris
Pogonia ophioglossoides
Polygala pauciflora
Potentilla palustris 8, 10
Prenanthes alba
Pyrola asarifolia 13, 8
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus abortivus
Rhamnus alnifolia
Rhus radicans
Rhus vernix 1, 8, 10, 11, 15
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, 8, 9, 10, 11, 12
Rynchospora alba 13, 14, 15, 17, 18, 19, 20
Salix candida
Sarracenia purpurea

Saxifraga pennsylvanica 13,
 Scirpus cyperinus
 Scirpus acutus
 Scirpus hudsonianus
 Scirpus rubrotinctus
 Scirpus validus
 Scutellaria epilobifolia
 Scutellaria lateriflora
 Selaginella selaginoides
 Sium suave 1, 2, 3, 4, 5

Smilacina trifolia 6, 7, 8, 9, 10, 16
 Smilax herbacea
 Solidago serotina 13, 12, 14,
 Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 Trientalis borealis 17,
 Triglochin maritima

Typha latifolia
 Vaccinium angustifolium
 Vaccinium macrocarpon
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus
 Viola canadensis
 Viola pallens 1, 2, 4, 5, 6, 8, 9, 10,
 Vitis riparia 12, 14, 15, 16,
 17, 18

Additional species:

✓ L. flex 19, 20
 x ~~S. 1, 6, 7, 8, 9, 10, 12, 13, 14, 16, 20~~
 ✓ ~~Viola~~ ground monitor 6,
 ✓ Viola lutea 1, 2, 4, 5, 6, 8, 9, 10, 12, 14, 15, 16, 17, 18,
 ✓ Lychnis alba 3, 6, 11, 13, 14,
 ✓ Solanum 4, 16,
 x Minum 17, 20
 x Chenopodium 1, 3, 5, 9, 10, 13, 15, 19, 20

✓ ~~Sphagnum~~ aculeatum
 ✓ Lychnis alba
 ✓ ~~C. heavy~~ 9, 9,
 ✓ ~~C. light~~ 1, 2, 3, 4, 7, 9, 13,

✓ ~~bar~~ 4, 8,
 ✓ Aster pun 5, 20
 ✓ Lonicera vil 13, 12 9,
 Rumex acer 13,
 S. crispus 16,
 ✓ Cyrtopeltis fragilis
 ✓ H. myrs
 ✓ S. ped 9,
 ✓ ~~Aster~~ junciformis 9, 10
 ✓ Hydrocotyle americana
 ✓ Carex stricta 3,
 ✓ C. ~~interior~~ 10,
 C. paupercula 10, 8,
 C. comosa 9,

✓ C. pseudo-cyp 8, 14, 1, 5, 15,
 C. hystericina 6,
 C. ~~prairie~~ 19
 C. disperma 13
 ✓ C. leptalea 16, 8, 5, 1, 20, 18, 19, 6,
 C. triperma 8,
 C. projecta