



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 5039: Vilas County, Township 43N, Range 9E, Section 33. 1953-08-12

[s.l.]: [s.n.], 1953-08-12

<https://digital.library.wisc.edu/1711.dl/NM34F7HXXMX4SW8J>

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. 5039

Tree	No. Pts.	No. Tr.	Size Cl.sq.in.			No. Dom.	No. Sap.	F% Seed	F% Seed	D% Tr.	Dom% Tr.	DFD Index	
			12- 80	81- 320	321- 1280								
<i>Abies balsamea</i>	18	48	48			890		18.6	46.2	48	32.4	126.6	504
<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>													
<i>Picea glauca</i>													
<i>P. mariana</i>	3	3	3			83		20.7	147.6	3	3.0	13.6	14
<i>Pinus resinosa</i>													
<i>P. strobus</i>													
<i>Pop. balsamifera</i>													
<i>P. grand.</i>													
<i>P. trem.</i>													
<i>Prunus serotina</i>													
<i>Pyrus americana</i>													
<i>Quercus bicolor</i>													
<i>Q. rubra</i>													
<i>Thuja occ.</i>	18	49	49	2		1794		36.2	46.2	49	64.6	159.8	640
<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

3.19

1236.1

569.7

27.2

639.2

127
381

36.4
115.8
48/890
48
410
384
260
148

126
154

114

39 100

2747

27.5

1000

100

100.0

3500

1158

shade

①	Th	6	5	5	②	Ab	5	11	7	⑮	Ab	4	7	6
	"	6	4	9	22	"	4	13	1		"	6	9	1
	"	7.5	17	8	23.5	"	4.5	8	1		"	6	3	7
②	Th	5			27.605	Th	7.5				Pm	8		
	Ab	5	19	10	⑨	Th	6	9	10		Th	6.5	9	3
	Th	8	7	4		"	8				Ab	4	6	7
	"	8	15	3		Ab	4	6	6		"	4.5	6	2
	"	8				"	4.5				Pm	6.5		
③	Th	4	9	2	⑩	Th	4				Ab	4	8	2
	"	6	8	1		Th	6	6	5		"	4	3	7
	"	4.5	22	5		Th	4.5	6	10		"	5	7	4
	"	6				Ab	4.5	6	8		Th	6.5		
	Ab	6.5				"	4				"	6		
④	Th	8	5	1	⑪	Th	7.5	10	5		Th	7	7	4
	"	4	"	"		Ab	6	2	9		"	7.5	6	8
	"	5	5	"		"	6	7	3		"	7	5	9
⑤	Pm	6	11	3		"	4.5				Ab	5		
	Th	4			⑫	Ab	4	8	6		Th	6	9	5
	Ab	4.5	11	7		"	5				"	5	12	1
	Ab	5	17	8		"	4	3	10		"	7.5	13	7
⑥	Th	8				"	4				"	6		
	Ab	6	5	9		Th	6				Ab	5.5		
	Ab	4.5	5	9	⑬	Th	4.5				Ab	6.5	10	7
	Th	3.3"	11	1		Th	6	5.5	3	2	"	4	7	11
	Th	4.3"				Ab	4.5	3	5		"	4.5	6	1
⑦	Th	7	3	2		Th	7.5	2	7		Ab	6		
	Th	6.5	6	4	⑭	Th	8				"	6		
	Ab	4.5	4	6		"	6	17	5					
	Ab	5				"	4							
	Ab	8				Ab	4	17	8					
	"					"	4							

331/41

490
28
514

~~111 111~~ { 5-6.5-4.5-5-6-4-4.5-~~4.5~~-4.5-5-8-5.5-4-4.5
~~111 111~~ { 4-4.5-4-4.5-4-4-6-6-4-4.5-4-4-4-4.5-4-6-4-4-6-4-6
 4-4.5-6-4-4-5-5-5.5-6.5-4-4-4.5-6

(39)

~~1255 x 19 = 950~~
~~1553 x 10 = 630~~
~~1905 x 7 = 546~~
~~2154 x 1 = 54~~
~~2813 x 8 = 904~~
~~3832 x 2 = 264~~
~~50 x 48 = 3382~~

126 $\overline{) 25010}$
 126
 1241
 1134

111 8-8-6.5-

133 = 132
 250 x 2 = 402
 534

198 1
 121 1
 1250 x 5 = 250 113
 155 x 5 = 215 13
 195 x 3 = 235 113
 2154 x 1 = 2154 1409
 2813 x 13 = 1109
 3832 x 3 = 3996
 3832 x 3 = 3996
 446 x 7 = 1292
 501 x 7 = 1409
 5659

~~111 111 111 111~~ { 6-6-4-7.5-5-8-8-8-6-4-6-4.5-6-8-4-5-4.5-4.5-4-8-
 3'3" 4'3" 7-6.5-7.5-6-8-6-4.5-7.5-6-4.5-6-5.5
 7.5-8-6-4-6.5-6.5-7-7.5-7-6-5-7.5-6-

TABULATION FORM

CONIFER SWAMP

Stand No. 5039

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Aster ^{sp} maculatus</i>	✓																					
<i>Achillea millefolium</i>	✓																					
<i>Actaea sp.</i>																						
<i>Adiantum pedatum</i>																						
<i>Agrostis gigantea</i>	✓																					
<i>Agrostis perennans</i>																						
<i>Agrostis scabra</i>																						
<i>Alnus rugosa</i>	✓																		✓			1
<i>Amphicarpa bracteata</i>																						
<i>Anaphalis margaritacea</i>																						
<i>Andromeda glaucophylla</i>	✓																					
<i>Anemone canadensis</i>																						
<i>Anemone riparia</i>																						
<i>Anemone virginiana</i>																						
<i>Angelica atropurpurea</i>																						
<i>Aralia hispida</i>																						
<i>Aralia nudicaulis</i>	✓	✓			✓	✓	✓	✓			✓											6
<i>Arethusa bulbosa</i>																						
<i>Arisaema atrorubens</i>																						
<i>Asclepias incarnata</i>																						
<i>Asclepias syriaca</i>																						
<i>Asparagus officinalis</i>																						
<i>Aster junciformis</i>																						
<i>Aster lateriflorus</i>																						
<i>Aster macrophyllus</i>	✓																					
<i>Aster novae-angliae</i>	✓																					
<i>Aster umbellatus</i>	✓																					
<i>Athyrium filix-femina</i>																						
<i>Barbarea vulgaris</i>																						
<i>Betula pumila</i>	✓																					
<i>Bidens comosa</i>																						
<i>Bidens connata</i>																						
<i>Bidens coronata</i>																						
<i>Boehmeria cylindrica</i>																						
<i>Botrychium virginianum</i>	✓					✓					✓											2
<i>Brachyelytrum erectum</i>																						
<i>Bromus ciliatus</i>																						
<i>Calamagrostis canadensis</i>	✓				✓		✓		✓	✓			✓	✓		✓						7
<i>Calla palustris</i>	✓																					
<i>Calopogon pulchellus</i>																						
<i>Caltha palustris</i>	✓			✓	✓																	2
<i>Campanula aparinoides</i>	✓																			✓		1
<i>Carex aquatilis</i>																						
<i>Carex arcta</i>																						
<i>Carex bebbii</i>																						
<i>Carex brunnescens</i>																						
<i>Carex cephalantha</i>																						
<i>Carex comosa</i>																						
<i>Carex crinita</i>																						
<i>Carex c. var. gynandra</i>																						
<i>Carex debilis</i>																						
<i>Carex deweyana</i>																						

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5039

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	✓																						
Dryopteris disjuncta	✓						✓	✓														2	
Dryopteris phegopteris																							
Dryopteris spinulosa	✓		✓			✓	✓	✓								✓			✓	✓		7	
Dryopteris thelypteris	✓																						
Dulichium arundinaceum																							
Echinocystis lobata																							
Eleocharis smallii																							
Epigaea repens																							
Epilobium angustifolium																							
Epilobium glandulosum va																							
Epilobium strictum	✓														✓		✓	✓			✓	4	
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	✓		✓	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	13	
Galeopsis tetrahit																							
Gaultheria hispidula	✓	✓			✓		✓	✓				✓	✓	✓	✓			✓	✓	✓	✓	11	
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	✓																						
Habenaria psycodes																							
Halenia deflexa																							
Hydrocotyle americana																							
Hypericum virginicum	✓														✓							1	

TABULATION FORM

CONIFER SWAMP

Stand No. 3039

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 3039

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>	✓		✓			✓		✓														3
<i>Oxalis stricta</i>																						
<i>Panicum boreale</i>																						
<i>Panicum lanuginosum var.</i>																						
<i>Parietaria pensylvanicum</i>																						
<i>Parthenocissus inserta</i>																						
<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 var.</i>	✓																					
<i>Polygonum sagittatum</i>																						
<i>Potentilla fruticosa</i>																						
<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>																						
<i>Pyrola elliptica</i>																						
<i>Pyrola rotundifolia</i>																						
<i>Pyrola secunda</i>	✓			✓	✓		✓	✓		✓	✓		✓	✓	✓							9
<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>																						
<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. 5039

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 3039

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 3039

Abies balsamea 1, 6, 7, 11, 14, 16, 20
Acer rubrum 2, 6, 11, 16, 17
Acer spicatum
Betula lutea 1, 8, 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 19
Thuja occidentalis 6, 14, 16
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa 18
Andromeda glaucophylla
Anemone canadensis
Aralia hispida
Aralia nudicaulis 1, 4, 5, 6, 7, 10
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 5, 10
Bromus ciliatus
Calamagrostis canadensis 4, 6, 9, 8, 12, 13, 15
Calla palustris
Calopogon pulchellus
Caltha palustris 3, 4
Campanula aparinoides 20
Chamaedaphne calyculata
Chiogenes hispidula 1, 6, 7, 11, 12, 13, 14, 17
Cicuta bulbifera 18, 19, 20
Cicuta maculata
Circaea alpina 2, 5, 7, 8, 19
Cirsium muticum
Clintonia borealis 12, 17
Coptis trifolia 1, 2, 3, 5, 6, 8, 9, 11, 14, 16, 17, 19
Corallorrhiza trifida 20
Cornus canadensis 1, 2, 3, 6, 7, 8, 9, 10, 11, 12
Cornus obliqua 13, 14, 15, 16, 17, 18, 19
Cornus stolonifera
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 2, 5, 6, 7, 15, 18, 19
Dryopteris thelypteris
Dulichium arundinaceum
Epigaea repens
Epilobium adenocaulon
Epilobium angustifolium
Epilobium densum 1, 4, 6, 17, 20
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
Habenaria psycodes
Halenia deflexa
Helenium autumnale
Hypericum virginicum 14
Ilex verticillata
Impatiens biflora 5, 16
Iris versicolor
Iris virginica
Juncus tenuis
Kalmia polifolia
Ledum groenlandicum 3, 13, 14, 19, 20
Leersia oryzoides
Linnaea borealis 1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14
Liparis loeselii 17, 18, 20
Listera cordata
Lobelia kalmii
Lobelia siphilitica

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

Data Form No. 22 (P.2)

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

✓ *Smilacina trifolia* 1,4
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
✓ *Trientalis borealis* 7,11,12,13,18
Triglochin maritima

✓ *Typha latifolia*
Vaccinium angustifolium
✓ *Vaccinium macrocarpon*
✓ *Vaccinium oxycoccus*
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
✓ *Viola pallens* 1,2,4,7,11,12,14,15,16,17
Vitis riparia 13,19

Additional species:

✓ *Oxalis* 2,5,7,
 ✓ *Equis fluv*
 ✓ *Achillea mill*
 ✓ *Galium* ~~canadense~~ 3,4,5,6,7,8,14,15,16,17,18,20
 triflorum
 ✓ *Aster pun*
 ✓ *Gayop* disj 6,7,
 ✓ ~~*Antilla* *humilis* 1,2,3,5,6,7,8,9,10,15,16,19,~~
 ✓ *Aster macrophyll*
 ✓ ~~*Pyrola* *secundata* 2,~~
 ✓ *Polygonum* ~~*green-shed*~~
 natans & *hartwegii*
 ✓ ~~*Ind pte* *Monotropa uniflora*~~
 ✓ *Trollium* ~~*flexipes*~~
 ✓ *Gayop* *cris*
 ✓ ~~*Halimolobos*~~
 ✓ *Vacc myrs*
 ✓ *Lonicera can*
 ✓ *Agrostis gigantea*
 ✓ *Sedum discolor*
 ✓ *Cinna latifolia*
 Lycopodium obs 14,
 Aster ~~*pennsylv*~~ ϕ
 ✓ *Carex pedunculata*
 ✓ *Carex leptocoma* 10,18,15,11,8,4,
 C *uterior* 14
 ✓ *C* *disperma* 6,3,
 C *trisperma* 20,19,17,16,10,7,4,2,9,1,3.