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Plant Ecology Laboratory
Data Form 68

Station No.

5036

Tree	No.	No.	Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD		
	Pts.	Tr.	80	320	321+								Dom.
Abies balsamea													
Acer rubrum													
Acer spicatum													
Betula lutea													
B. papyrifera													
Carya cord.													
C. ovata													
Fraxinus nigra													
Juglans cinerea													
Larix laricina	1	2	2			50		125	4.8	2	2.3	9.1	9
Picea glauca													
P. mariana	20	98	98			2120		21.6	95.2	98	99.7	290.9	300
Pinus resinosa													
P. strobus													
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.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

21100

2190

1000 100

100

750

300

590.9

2.75

21.7
2.9
1953
151.9
171.4

- ① P m 5
5
5
4
5
- 8 7
10 6
10 1
- ② P m 5.5
6
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5.5
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- 10 7
20 1
9 3
- ③ P m 6.5
4.5
4.5
5
5
- 15 1
5 8
13 8
- ④ P m 4
4.5
6.5
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- 17 8
9 3
7 10
- ⑤ P m 4
6.5
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- 9 8
7 11
1 3
- ⑥ P m 4
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- ⑦ P m 4.5
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- 3 10
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- ⑧ P m 4.5
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- 8 11
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- 10 1
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6 3
- ⑰ P m 5
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4.5
- 9 2
7 11
6 8
- ⑱ P m 4
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- 14 7
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- 6 0
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30
418

The initiation ceremony will follow the parade.

honor of the new initiates, tentatively set for the early part of May.

The program of the current year will terminate with the banquet in
constituted of 182 members."

on the faculty here numbers 25, and our active group during the past year those works and interests are in biological sciences. Alumni membership national organization which comprises a total of more than 15,000 members

The Zeta Chapter of Phi Sigma is one of thirty-four chapters of the ~~Phi Sigma~~ Graduate Biological Society.

It is a pleasure to extend to you this invitation to membership in

Deer

1255×21

15.5×12

195 x 26

2.5×10

283×11

$$133 \times 12$$

138×3

144 人 三

98

University of Wisconsin

Neu Chapter

PHI SIGMA SOCIETY

$$2.6 \times 2 = 10V$$

March 12, 1924

pm

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Laryx

4 11

pts

5

Stand No. 5034

[illegible]

[illegible]

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 disiuncta																							
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																						
Dryopteris thelypteris																							
Dulichium arundinaceum	✓																						
Echinocystis lobata																							
Eleocharis smallii																							
Epigaea repens																							
Epilobium angustifolium																							
Epilobium glandulosum va																							
Epilobium strictum	✓																						
Equisetum fluviatile	✓															✓							1
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																							
Galeopsis tetrahit																							
Gaultheria hispidula	✓				/																		
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	✓																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5036

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5036

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5036

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>	✓	✓									✓												2
<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>	✓	✓						✓															1
<i>Saxifraga pennsylvanica</i>																							
<i>Scheuchzeria palustris</i>	✓																						
<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>																							
<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>	✓	✓																					
<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>	✓	✓																					
<i>Vaccinium oxycoccos</i>	✓	✓			✓			✓		✓		✓		✓				✓	✓				7

TABULATION FORM

CONIFER SWAMP

Stand No. 5036

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 5036

Oreida 38N 6E
Abies balsamea
Acer rubrum 20
Acer spicatum
Betula lutea
Betula papyrifera
Carya cordiformis
Fraxinus nigra

Juglans cinerea
Larix laricina
Picea glauca
Picea mariana 38
Pinus resinosa
Pinus strobus
Populus tremuloides

Prunus serotina
Quercus bicolor
Quercus rubra 2
Sorbus americana
Thuja occidentalis
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa
Andromeda glaucophylla 14, 15, 19
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 11, 19, 14, 13
Betula sandbergii
Bidens coronata
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis 4, 11, 16, 2, 15
Calla palustris
Calopogon pulchellus
Caltha palustris
Campanula aparinoides
Chamaedaphne calyculata 4, 8, 10, 11, 12, 13
Chiogenes hispidula 14, 15, 16, 17, 18, 19
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
Cornus canadensis
Cornus obliqua
Cornus stolonifera
Cypripedium acaule 10
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
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
Ilex verticillata
Impatiens biflora
Iris versicolor
Iris virginica
Juncus tenuis 13, 14, 15, 18, 19, 20
Kalmia polifolia 1, 2, 5, 7, 8, 9, 11, 12
Ledum groenlandicum 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12
Leersia oryzoides 13, 14, 15, 16, 17, 18
Linnaea borealis 19, 20
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
Lycopus uniflorus 3, 7
Lysimachia terrestris
Maianthemum canadense
Malaxis unifolia
Menyanthes trifoliata 5, 10, 11, 12, 14, 16
Mimulus ringens 20
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
Rhynchospora alba
Salix candida
Sarracenia purpurea 7

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 9, 10, 11, 13, 17, 20
 Smilax herbacea
 Solidago serotina
 ✓ Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 ✓ Trientalis borealis
 Triglochin maritima

✓ Typha latifolia
 Vaccinium angustifolium
 Vaccinium macrocarpon
 ✓ Vaccinium oxycoccus 7, 9, 13, 17, 18, 31
 Vaccinium pennsylvanicum
 Viburnum opulus
 Viola canadensis
 ✓ Viola pallens 2,
 Vitis riparia

Additional species:

✓ Equis flav 15,
 ✓ Rumex crispus 1, 10,
 ✓ Lychnis di thyro 3,
 ✓ Salix ~~glauca~~ discolor
 ✓ Salix ~~lucida~~ pedunculata
 ✓ Hacc myrt
 ✓ Dryopteris cristata
 ✓ Agrostis acabra
 ✓ Carex comosa
 ✓ C paupercula 16, 17,
 C pauciflora 7,
 ✓ C trisperma 17, 13, 8, 5, 4, 3, 7
 C limosa 17,