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## Site 5081: Gogebic County, Michigan.

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

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spotted cedar repod.

## CONIFER SWAMP

Ecology Form # 71

Stand # 81 Good repr. Stand 1"  
Abies in spots

Abies in spots

Field Data Sheet - Trees

Redox

Conduc.

Cat. Cap.

Location *Logansport Co*  
*Ind*

much

pH

02

36" Bore 1/2" Cover  
 1st sand at 6" at 100 ft.  
 2nd sand at 2 1/2' at 100 ft. 20. Dis

sand at 2 1/2' at June 120

sand at 2 1/2' at June 120

## Distances

Basal Area

Larix Picea Thuja Pop.tr. Betula <sup>Like</sup> ~~pop.~~

2000

13

55

7

13, 6, 4,

1.  $19\frac{1}{2}$ ,  $8\frac{3}{4}$

20.5 10.75 8.25

8, 7.5, 24

17, 8, 8

16.5, 18, 16

1, 14.5, 15

5.5, 13.5, 8

7.5, 13, 12.25

16.5 3.75 24

18.5, 11, 6,

16, 1.5, 12.25

16, 3, 14

14.5, 14.5, 23

7.5, 10.5, 14

12.5, 16.5, 12.75

8 8.5 7

17, 17.5, 12.5

18.5 8.259

10, 3.5, 9

TOTALS

Sketch Map:



Plant Ecology Laboratory  
Data Form 68

Station No. 5081 <sup>hand</sup> 42

| Data Form 60     |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
|------------------|------|-----|------------------|-----|------|------|------|------|------|-----------------|-----|-----------------|-------|-----|-------|
| Tree             | No.  | No. | Size Cl. sq. in. |     |      | No.  | F%   | F%   | D%   | Dom%            | DFD |                 |       |     |       |
|                  | Pts. | Tr. | 80               | 320 | 321+ | Dom. | Sap. | Seed | Seed | Tr.             | Tr. |                 |       | Tr. | Index |
| Abies balsamea   | 19   | 56  | 56               |     |      | 1240 |      |      |      | <del>42.2</del> | 56  | 28.9            | 127.1 | 508 | 571.9 |
| Acer rubrum      |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Acer spicatum    |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Betula lutea     | 6    | 8   |                  | 8   |      | 880  |      |      |      | 13.8            | 8   | 20.6            | 41.9  | 294 | 314.2 |
| B. papyrifera    |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Carya cord.      |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| C. ovata         |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Fraxinus nigra   |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Juglans cinerea  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Larix laricina   | 4    | 4   | 2                | 2   |      | 273  |      |      |      | 8.9             |     | 6.4             |       |     |       |
| Picea glauca     | 4    | 4   | 2                | 2   |      | 273  |      |      |      | <del>8.9</del>  | 4   | <del>6.4</del>  | 19.3  | 133 | 77.2  |
| P. mariana       |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Pinus resinosa   |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| P. strobus       |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Pop. balsamifera |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| P. grand.        |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| P. trem.         |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Prunus serotina  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Pyrus americana  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Quercus bicolor  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Q. rubra         |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Thuja occ.       | 16   | 32  | 23               | 9   |      | 1888 |      |      |      | <del>35.6</del> | 32  | <del>44.1</del> | 111.7 | 448 | 446.8 |
| Tilia americana  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Tsuga can.       |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| Ulmus americana  |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |
| U. rubra         |      |     |                  |     |      |      |      |      |      |                 |     |                 |       |     |       |

Total tran. 45

Av. Tr. Dis. 11.9

Av. BA 42.8

No. Tr./Acre 308

Dom/Acre 13,182

1383 1410.1



Alciv

|   |                 |             |
|---|-----------------|-------------|
| 4 | 13              | 156         |
|   | 4               | 64          |
| 5 | 20              | 400         |
|   | 5               | 120         |
| 6 | <del>10</del> 6 | 168         |
|   | 2               | 102         |
| 7 | 1               | 76          |
|   | 1.50            | 44          |
|   | 1.60            | 60          |
|   |                 | 50          |
|   | <u>56</u>       | <u>1240</u> |

Box out

|      |            |
|------|------------|
|      | 170        |
| 3.90 | 270        |
|      | 85         |
|      | 115        |
|      | 110        |
|      | <u>130</u> |
| 8    | 880        |

Picou gl

|   |          |            |
|---|----------|------------|
| 6 | 1        | 28         |
| 8 | 1        | 50         |
|   | 1        | 85         |
|   | <u>1</u> | <u>110</u> |
| 4 |          | 293        |

Zhuja

|   |   |      |     |
|---|---|------|-----|
| 5 | 1 | 5.20 | 100 |
| 6 | 1 | 1.24 | 24  |
| 7 | 1 | 4.28 | 112 |
| 8 | 1 | 2.34 | 68  |
|   |   | 3.38 | 114 |
|   |   | 2.50 | 100 |

Lester Allen

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## TABULATION FORM

## CONIFER SWAMP

Stand No. 5081

| Station No.                     | P. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |   |  |
|---------------------------------|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|---|--|
| <i>Achillea millefolium</i>     |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Actaea</i> sp.               |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Adiantum pedatum</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Agrostis gigantea</i>        |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Agrostis perennans</i>       |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Agrostis scabra</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Alnus rugosa</i>             | ✓  | ✓ |   | ✓ |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    | 2 |  |
| <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>        | ✓  | ✓ |   |   | ✓ | ✓ | ✓ |   | ✓ |   |    |    |    | ✓  | ✓  |    |    | ✓  |    |    |    | 7 |  |
| <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>   | ✓  | ✓ |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Brachyelytrum erectum</i>    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Bromus ciliatus</i>          | ✓  | ✓ |   | ✓ |   | ✓ |   | ✓ | ✓ |   | ✓  |    |    | ✓  | ✓  |    |    | ✓  |    |    |    | 8 |  |
| <i>Calamagrostis canadensis</i> |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Calla palustris</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Calopogon pulchellus</i>     |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Caltha palustris</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Campanula aparinoides</i>    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Carex aquatilis</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Carex arcta</i>              |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Carex bebbii</i>             |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |
| <i>Carex brunnescens</i>        | ✓  |   |   | ✓ |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    | 1 |  |
| <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>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |   |  |

C. arcta



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| <i>Carex diandra</i>            |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex disperma</i>           |    |   |   |   |   |   |   | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    | 2  |
| <i>Carex flava</i>              |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex granularis</i> var. ha |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex hystrix</i>            |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex interior</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex intumescens</i>        |    | ✓ |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex lacustris</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex lasiocarpa</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex leptalea</i>           |    |   | ✓ | ✓ |   | ✓ | ✓ |   |   |   | ✓  |    |    |    | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 12 |
| <i>Carex leptoneura</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex limosa</i>             |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex oligosperma</i>        |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex pauciflora</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex paupercula</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex pedunculata</i>        |    | ✓ |   | ✓ | ✓ |   | ✓ |   |   | ✓ | ✓  | ✓  |    | ✓  | ✓  |    |    | ✓  |    |    |    | 9  |
| <i>Carex projecta</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex pseudo-cyperus</i>     |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex retrorsa</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex scoparia</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex sterilis</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex stipata</i>            |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex stricta</i>            |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex tenuiflora</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Carex trisperma</i>          |    | ✓ |   |   | ✓ | ✓ |   | ✓ |   |   | ✓  |    |    | ✓  |    | ✓  |    | ✓  | ✓  | ✓  | ✓  | 11 |
| <i>Carex tuckermanni</i>        |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Chamaedaphne calyculata</i>  |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Chelone glabra</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cicuta bulbifera</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cicuta mukulata</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cinna latifolia</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Circaea alpine</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cirsium muticum</i>          |    | ✓ |   |   |   |   |   |   |   |   |    |    | ✓  |    | ✓  |    | ✓  |    | ✓  | ✓  |    | 5  |
| <i>Clintonia borealis</i>       |    | ✓ |   | ✓ | ✓ |   |   | ✓ | ✓ | ✓ |    | ✓  |    |    |    |    |    |    |    | ✓  |    | 7  |
| <i>Coptis groenlandica</i>      |    | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |    | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 18 |
| <i>Corallorrhiza trifida</i>    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cornus alternifolia</i>      |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cornus canadensis</i>        |    | ✓ |   | ✓ | ✓ |   | ✓ | ✓ |   | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 16 |
| <i>Cornus obliqua</i>           |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cornus racemosa</i>          |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cornus stolonifera</i>       |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cypripedium acaule</i>       |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cypripedium arietinum</i>    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cypripedium calceolus</i>    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cypripedium c. var. pub.</i> |    | ✓ |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cypripedium reginae</i>      |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Cystopteris fragilis</i>     |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Diervilla lonicera</i>       |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Drosera intermedia</i>       |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Drosera linearis</i>         |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Drosera rotundifolia</i>     |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |

*Hieracium aurantiacum*



TABULATION FORM

## CONIFER SWAMP

Stand No. 5081

[illegible]



# TABULATION FORM

## CONIFER SWAMP

Stand No. 5081

[illegible]



[illegible]



# TABULATION FORM

## CONIFER SWAMP

Stand No. 5081

[illegible]



[illegible]



Trail 1935  
Thompson bog

## PRESENCE LIST

## CONIFER BOG

Stand No. 81

Abies balsamea 4, 5, 9, 10, 11, 13, 15, 19, 20  
Acer rubrum 6,  
Acer spicatum 3, 8, 9, 10, 15, 17, 19, 20  
Betula lutea 4, 6, 7,  
Betula papyrifera  
Carya cordiformis  
Praxinus nigra 19,

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

Prunus serotina  
Quercus bicolor  
Quercus rubra  
Sorbus americana  
Thuja occidentalis 2, 4, 7, 9, 19  
Tsuga canadensis  
Ulmus americana  
Taxus

## HERBS AND SHRUBS

Alnus incana  
Alnus rugosa 1, 3,  
Andromeda glaucophylla  
Anemone canadensis  
Aralia hispida  
Aralia nudicaulis 4, 5, 6, 8, 13, 14, 18,  
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 3, 5, 7, 8, 10, 13, 14, 18,  
Calamagrostis canadensis  
Calla palustris  
Calopogon pulchellus  
Caltha palustris  
Campanula aparinoides  
Chamaedaphne calyculata  
Chiogenes hispidula 4, 6, 7, 10, 14, 17,  
Cicuta bulbifera  
Cicuta maculata  
Circaea alpina  
Cirsium muticum 12, 14, 16, 18, 19,  
Clintonia borealis 3, 4, 7, 8, 9, 11, 19,  
Coptis trifolia 3, 4, 5, 6, 7, 8, 9, 11, 12,  
Coralorrhiza trifida 13, 14, 15, 16, 17, 18, 19, 20,  
Cornus canadensis 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,  
Cornus obliqua 16, 17, 18, 19, 20,  
Cornus stolonifera  
Cypripedium acaule  
Cypripedium arietinum  
Cypripedium parviflorum  
Cypripedium pubescens  
Cypripedium reginae  
Decodon verticillatus  
Diervilla lonicera  
Drosera intermedia  
Drosera longifolia  
Drosera rotundifolia  
Dryopteris linneana 1, 2, 3, 4, 5, 10, 12,  
13, 14, 16, 17, 18, 19, 20,

Dryopteris phegopteris 4, 11,  
Dryopteris spinulosa 2, 3, 6, 9, 10, 13, 14, 16,  
Dryopteris thelypteris  
Dulichium arundinaceum  
Epigaea repens  
Epilobium adenocaulon  
Epilobium angustifolium  
Epilobium densum 2, 12  
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 10, 12,  
Goodyera repens  
Habenaria clavellata  
Habenaria dilatata  
Habenaria hyperborea  
Habenaria lacera  
Habenaria leucophaea  
Habenaria media  
Habenaria obtusata 13,  
Habenaria psycodes  
Halenia deflexa  
Helenium autumnale  
Hypericum virginicum  
Ilex verticillata  
Impatiens biflora 1, 3,  
Iris versicolor  
Iris virginica  
Juncus tenuis  
Kalmia polifolia  
Ledum groenlandicum  
Leersia oryzoides  
Linnaea borealis 1, 2, 4, 5, 6, 7, 8, 9, 11, 13, 14,  
16, 17, 18, 19, 20,  
Liparis loeselii  
Listera cordata  
Lobelia kalmii  
Lobelia siphilitica

Lonicera caerulea  
Lonicera oblongifolia  
Lycopus uniflorus  
Lysimachia terrestris  
Maianthemum canadense 6, 10, 14, 19  
Malaxis unifolia  
Menyanthes trifoliata  
Mimulus ringens  
Mitchella repens  
Mitella nuda 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,  
14, 15, 16, 17, 18, 20,  
Moneses uniflora 8, 9, 13, 15, 18, 19,  
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 1, 2, 5, 9, 14, 17, 20,  
Ranunculus abortivus  
Rhamnus alnifolia 2,  
Rhus radicans  
Rhus vernix  
Ribes americanum  
Ribes cynosbati  
Ribes hirtellum  
Ribes lacustre  
Ribes triste 1, 13,  
Rorippa palustris  
Rosa caroliniana  
Rubus idaeus  
Rubus triflorus 1, 2, 4, 6, 8, 9, 10, 11, 12, 13, 14,  
15, 16, 17, 18, 20,  
Rynchospora alba  
Salix candida  
Sarracenia purpurea



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Saxifraga pennsylvanica  
Scirpus cyperinus  
Scirpus acutus  
Scirpus hudsonianus  
Scirpus rubrotinctus  
Scirpus validus  
✓ Scutellaria epilobifolia 1,2.  
Scutellaria lateriflora  
Selaginella selaginoides  
Sium suave

✓ Smilacina trifolia 1,3,5,17  
Smilax herbacea  
Solidago serotina  
Spiraea alba  
Spiraea tomentosa  
Steironema lanceolatum  
Symplocarpus foetidus  
Thalictrum dasycarpum  
✓ Trientalis borealis 1,4,5,6,14,15,19.  
Triglochin maritima

Typha latifolia  
Vaccinium angustifolium  
Vaccinium macrocarpon  
Vaccinium oxycoccus  
Vaccinium pennsylvanicum  
Viburnum opulus  
Viola canadensis  
✓ Viola pallens 1,2,6,7,8,9,10,11,13,  
14,20  
Vitis riparia

Additional species:

Carex triperma 1,4,5,7,10,13,15,17,18,19,20

" disperma 7,17.

~~Carex star~~ 14,15.

Sonchella canadensis 3,10,14.

Carex ~~septelia~~ 2,3,5,6,10,14,15,16,17,18,19,20

Hieracium

Galium triflorum 1,2,3,4,5,6,9,10,12,13,14,15,16,18,19,

Oxalis montana 1,3,5,7,9,11,13,15,19,20

Polygonum sagittatum

Carex ~~gynura~~ intermedia

Trillium grandiflorum

Luzula 1,3,4,11,15,17,19,20

~~Equisetum~~

Carex ~~purpa~~ <sup>base</sup> 3,4,6,9,10,11,13,14,17,

✓ Dryopteris cirs. 4,

✓ Sphagnum (lacking in) - 8,10,14,

✓ Steironema 11, streptopus

✓ Lquisetum flex 11,

✓ Monotropa

✓ C. brunneus 3

✓ C. arcuata