

## Appendix B – Vegetation Survey Data

### Legend:

**Site** = name of locality of map project

**Polygon** = number you put on map

**Name/Date** = your name / day-month-year completed polygon survey

**Photo roll/number** = number of roll (on canister) and number of shot

### Survey intensity

1 = walked or could see most of polygon (high confidence in survey data)

2 = walked or could see part of polygon interior (moderate confidence)

3 = walked perimeter or could see part of polygon interior (low confidence)

4 = photo interpretation or other remote survey

### VEGETATION COVER

This is canopy cover, i.e. the space between leaves/branches is included in “cover”. Each Life form category canopy cover must be 0-100%. Therefore, the sum of all life forms (layers) can exceed 100%. List most abundant species in each life form category; when trees are cored, note DBH, species, length of core, number of rings counted.

**TOTAL VEGETATION COVER** includes all vascular plants, mosses, lichens and foliose lichens (crustose lichens excluded they are considered rock); this never exceeds 100%.

**SOIL SURFACE** estimate to nearest % the following, the sum of the categories adds to 100%

Rock outcrop = exposed bedrock including detached boulders over 1m across

Gravel/cobble = large fragments between sand and boulder

Bareground = exposed mineral soil

Mosses/lichens = nonvascular plant cover on soil

Litter = includes logs, branches, and basal area of plants

Describe in comments if there is wide variation in any category; note % standing water if it is persistent or characteristic of site.

**LAND USE** - put 0 (zero) if not applicable to site.

### Logging

1 = unlogged, no evidence of past logging or occasional cut stumps not part of systematic harvest of trees, no or very little impact on stand composition

2 = selectively logged: frequent cut stumps but origin of dominant or co-dominant cohort appears to be natural disturbance

3 = heavy logging disturbance with natural regeneration: many cut stumps that predate the dominant or co-dominant cohort with no tree planting

4 = tree plantation: dominant cohort appears to be planted after clearcutting

**Stand Age**

- 1 = very young 0-40 yr
- 2 = young 40-90 yr
- 3 = mature 90-200 yr
- 4 = old-growth 200+ yr
- 5 = young with scattered old trees (2-10 old trees per acre)
- 6 = mature with scattered old trees

**Agriculture**

- 1 = active annual cropping
- 2 = active perennial herbaceous cropping
- 3 = active woody plant cultivation
- 4 = fallow, plowed no crops this yr
- 5 = Federal CRP
- 6 = other

**Livestock**

- 1 = active heavy grazing (most forage used to ground soil compaction or churning)
- 2 = active moderate grazing (25-75% forage used)
- 3 = active light grazing (lots of last yr's litter left)
- 4 = no current, heavy past grazing
- 5 = no current, light past grazing
- 6 = no obvious sign of grazing

**Development**

- 1 = actively used facilities
- 2 = roads
- 3 = established trails
- 4 = abandoned facilities
- 5 = none obvious
- 6 = multiple types (detail in comments)

**Wildlife**

- 1 = heavy ungulate use
- 2 = moderate ungulate use
- 3 = light to no ungulate use
- 4 = burrowing animals
- 5 = active beaver
- 6 = active porcupine
- 7 = other, list animal

**Recreation Use Severity**

- 1 = heavy use, abundant soil and vegetation displacement off trail/road
- 2 = moderate use, frequent soil and vegetation displacement off trail/road
- 3 = light use, little sign of activity off trail/road

**Recreation Use Primary Type**

- 1 = wheeled
- 2 = hoofed
- 3 = pedestrian
- 4 = combination of above
- 5 = other

**Hydrology**

- 1 = unaltered
- 2 = altered; dams, dikes, ditches, culverts, etc
- 3 = not assessed

**Plant Association (PA)** = list all PAs encountered in polygon survey, in comments list source of name if not on provided key.

**Condition Rank** of PA in key or estimate

**% of Polygon** = your estimate

**Pattern** = how PA is distributed in polygon

- 1 = matrix (most of polygon)
- 2 = large patches
- 3 = small patches
- 4 = clumped, clustered, contiguous
- 5 = scattered, more or less evenly repeating
- 6 = linear
- 7 = other

**Exotic** = primary species observed; secondary species observed.

**Plot Number** = number of any plots established for EO (element occurrence), or other more detail sheets within polygon.

## Data:

<b>Polygon Number</b>	1
<b>Survey Intensity</b>	4
<b>Observer</b>	Hans
<b>Date</b>	2/5/2005
<b>Specific Location</b>	Very North section of the Park, along N border
<b>Total Vegetation</b>	100
<b>Trees Total</b>	99
<b>emergent</b>	10
<b>main canopy</b>	83
<b>subcanopy</b>	6
<b>Shrubs Total</b>	13
<b>&gt; 1.5' tall</b>	7
<b>&lt; 1.5' tall</b>	6
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	2
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	42
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	3
<b>Moss-Lichen</b>	4
<b>Litter</b>	92
<b>Logging</b>	2
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	2
<b>Wildlife</b>	3
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	4
<b>Hydrology</b>	1

## Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	85	1
2. PSME-TSHE/GASH/POMU	15	2
3		

**Polygon Number** 2  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/5/2005  
**Specific Location** Very North section of the Park, along N border

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 1  
**main canopy** 95  
**subcanopy** 1  
**Shrubs Total** 25  
**> 1.5' tall** 18  
**< 1.5' tall** 7  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 5  
**Forbs annual** 1  
**Ferns - evergreen** 20  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 87  
**Logging** 3  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 3  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	95	1
2. ALRU/POMU	5	3
3		

**Polygon Number** 4  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 1  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 5  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	65	2
2. TSHE-PSME/POMU-DREX	35	4
3		



**Polygon Number** 6  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 7  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 8  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 15  
**main canopy** 73  
**subcanopy** 9  
**Shrubs Total** 65  
**> 1.5' tall** 38  
**< 1.5' tall** 27  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 18  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 3  
**Litter** 93  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 1  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	75	1
2. TSHE-PSME/POMU-DREX	25	2
3		

**Polygon Number** 9  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North section of park along trail

**Total Vegetation** 99  
**Trees Total** 97  
**emergent** 1  
**main canopy** 90  
**subcanopy** 6  
**Shrubs Total** 13  
**> 1.5' tall** 5  
**< 1.5' tall** 8  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 3  
**Forbs perennial** 2  
**Forbs annual** 1  
**Ferns - evergreen** 40  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 1  
**Litter** 97  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	90	1
2. ALRU/POMU	10	3
3		

**Polygon Number** 10  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North Section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 73  
**> 1.5' tall** 45  
**< 1.5' tall** 28  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	95	1
2. PSME-TSHE/GASH-HODI	5	3
3		

**Polygon Number** 11  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** E satellite parcel

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	80	1
2. ALRU/POMU	20	3
3		

<b>Polygon Number</b>	12
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	8/20/2004
<b>Specific Location</b>	In Northeastern block - near center in mature forest with very little historic cutting and
<b>Total Vegetation</b>	100
<b>Trees Total</b>	97
<b>emergent</b>	25
<b>main canopy</b>	57
<b>subcanopy</b>	15
<b>Shrubs Total</b>	10
<b>&gt; 1.5' tall</b>	7
<b>&lt; 1.5' tall</b>	3
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	3
<b>Forbs perennial</b>	3
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	45
<b>Ferns - deciduous</b>	7
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	2
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	8
<b>Litter</b>	90
<b>Logging</b>	2
<b>Stand Age</b>	6
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 13  
**Survey Intensity** 1  
  
**Observer** DS  
**Date** 8/20/2004  
**Specific Location** In NE block in thinner, smaller, drier forest

**Total Vegetation** 99  
**Trees Total** 99  
**emergent** 2  
**main canopy** 82  
**subcanopy** 15  
**Shrubs Total** 7  
**> 1.5' tall** 6  
**< 1.5' tall** 1  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 0  
**Litter** 98  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	80	1
2. PSME-TSHE/MANE	20	3
3		



**Polygon Number** 14  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 7/14/2004  
**Specific Location** west of trail to Cedar & Pine Lakes in first SP section

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 21  
**main canopy** 70  
**subcanopy** 9  
**Shrubs Total** 26  
**> 1.5' tall** 1  
**< 1.5' tall** 25  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 30  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 1  
**Litter** 98  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** Ilex aquifolium  
**secondary spp**

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	73	1
2. PSME-TSHE/MANE/POMU	25	2
3. THPL-TSHE/OPHO/POMU	2	3

**Polygon Number** 15  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Northern section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 73  
**> 1.5' tall** 45  
**< 1.5' tall** 28  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	90	1
2. PSME-TSHE/GASH-HODI	6	3
3. PSME-TSHE/GASH-MANE	4	3

**Polygon Number** 16  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Northern section of Park

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 15  
**main canopy** 73  
**subcanopy** 9  
**Shrubs Total** 65  
**> 1.5' tall** 38  
**< 1.5' tall** 27  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 18  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 3  
**Litter** 93  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	70	1
2. TSHE-PSME/POMU-DREX	25	2
3. PSME-TSHE/HODI/POMU	5	3

**Polygon Number** 17  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Northern section of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 1  
**Recreation Severity** 2  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	97	1
2. ALRU/POMU	3	3
3		

**Polygon Number** 18  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Northern section of Park

**Total Vegetation** 100  
**Trees Total** 14  
**emergent** 2  
**main canopy** 10  
**subcanopy** 2  
**Shrubs Total** 17  
**> 1.5' tall** 12  
**< 1.5' tall** 5  
**Graminoids Total** 46  
**Graminoids perennial** 43  
**Graminoids annual** 3  
**Forbs Total** 18  
**Forbs perennial** 15  
**Forbs annual** 3  
**Ferns - evergreen** 3  
**Ferns - deciduous** 10  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 2  
**Bare Ground** 2  
**Moss-Lichen** 15  
**Litter** 81  
**Logging** 2  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 3

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 19  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** w satellite parcel of park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	55	2
2. TSHE-PSME/POMU-DREX	45	2
3		

**Polygon Number** 20  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** w satellite parcel of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	85	1
2. ALRU/POMU	15	2
3		

<b>Polygon Number</b>	21
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	8/20/2004
<b>Specific Location</b>	In northeastern corner block of steep mature forest - in first terrace in central - SE part
<b>Total Vegetation</b>	100
<b>Trees Total</b>	95
<b>emergent</b>	19
<b>main canopy</b>	57
<b>subcanopy</b>	19
<b>Shrubs Total</b>	7
<b>&gt; 1.5' tall</b>	5
<b>&lt; 1.5' tall</b>	2
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	3
<b>Forbs perennial</b>	3
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	50
<b>Ferns - deciduous</b>	3
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	5
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	10
<b>Litter</b>	85
<b>Logging</b>	3 (and/or burn)
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	5
<b>Wildlife</b>	0
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	95	1
2. THPL-TSHE/OPHO/POMU	5	6
3		



**Polygon Number** 22  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** w satellite parcel of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. TSHE-PSME/POMU-DREX	70	1
2. ALRU/POMU	25	5
3. PSME-TSHE/GASH/POMU	5	3

**Polygon Number** 24  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** Cleator Road SW of 2nd switchback

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 12  
**main canopy** 67  
**subcanopy** 19  
**Shrubs Total** 65  
**> 1.5' tall** 30  
**< 1.5' tall** 35  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total** 2  
**Exotics perennial** 2  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 1  
**Litter** 99  
**Logging** 1  
**Stand Age** 2,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 2  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** Hedera helix  
**secondary spp**

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH/POMU	45	1
2. TSHE-PSME/POMU-DREX	25	2
3. PSME-TSHE/MANE/POMU	30	2

**Polygon Number** 26  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** SW of 2nd swithback near cleator rd.

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 27  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** w satellite parcel of park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	75	1
2. TSHE-PSME/POMU-DREX	25	3
3		

**Polygon Number** 31  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** South & above Cleator Road above SP gate

**Total Vegetation** 95  
**Trees Total** 95  
**emergent** 1  
**main canopy** 75  
**subcanopy** 19  
**Shrubs Total** 8  
**> 1.5' tall** 5  
**< 1.5' tall** 3  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 70  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 2  
**Bare Ground** 2  
**Moss-Lichen** 5  
**Litter** 91  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 2  
**Wildlife** 0  
**Recreation Severity** 2  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Geranium robertianum  
**secondary spp** Plantago major

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

<b>Polygon Number</b>	32
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	7/14/2004
<b>Specific Location</b>	In alder stand in wet depression west side of Cleator Rd
<b>Total Vegetation</b>	100
<b>Trees Total</b>	75
<b>emergent</b>	0
<b>main canopy</b>	60
<b>subcanopy</b>	15
<b>Shrubs Total</b>	95
<b>&gt; 1.5' tall</b>	90
<b>&lt; 1.5' tall</b>	5
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	5
<b>Forbs perennial</b>	4
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	20
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	1
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	2
<b>Moss-Lichen</b>	25
<b>Litter</b>	73
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	5
<b>Wildlife</b>	2
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		

<b>Polygon Number</b>	35
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	10/14/2004
<b>Specific Location</b>	East of Cleator Road above turn off to private road, below SP gate
<b>Total Vegetation</b>	100
<b>Trees Total</b>	95
<b>emergent</b>	10
<b>main canopy</b>	75
<b>subcanopy</b>	10
<b>Shrubs Total</b>	85
<b>&gt; 1.5' tall</b>	45
<b>&lt; 1.5' tall</b>	40
<b>Graminoids Total</b>	3
<b>Graminoids perennial</b>	2
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	4
<b>Forbs perennial</b>	2
<b>Forbs annual</b>	2
<b>Ferns - evergreen</b>	15
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	2
<b>Exotics perennial</b>	2
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	3
<b>Bare Ground</b>	3
<b>Moss-Lichen</b>	15
<b>Litter</b>	79
<b>Logging</b>	1
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	5
<b>Wildlife</b>	0
<b>Recreation Severity</b>	2
<b>Recreation Type</b>	
<b>Hydrology</b>	1

### Exotic Species

<b>primary spp</b>	Geranium robertianum
<b>secondary spp</b>	Plantago major

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE/POMU	70	1
2. PSME-TSHE/GASH/POMU	20	3
3. PSME-TSHE/HODI/POMU	10	3

**Polygon Number** 36  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	65	1
2. ALRU/POMU	35	5
3		



**Polygon Number** 37  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S of big U turn in N part of Cleator Rd

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 73  
**> 1.5' tall** 45  
**< 1.5' tall** 28  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	90	1
2. PSME-TSHE/GASH-MANE	7	2
3. PSME-TSHE/MANE	3	3

**Polygon Number** 38  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	82	1
2. TSHE-PSME/POMU-DREX	15	3
3. THPL-TSHE/OPHO/POMU	3	6

**Polygon Number** 39  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 40  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	90	1
2. ALRU/POMU	10	3
3		

**Polygon Number** 43  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	60	2
2. ALRU/POMU	40	5
3		

**Polygon Number** 44  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 100  
**Trees Total** 60  
**emergent** 0  
**main canopy** 55  
**subcanopy** 5  
**Shrubs Total** 90  
**> 1.5' tall** 80  
**< 1.5' tall** 10  
**Graminoids Total** 30  
**Graminoids perennial** 30  
**Graminoids annual** 0  
**Forbs Total** 10  
**Forbs perennial** 10  
**Forbs annual** 0  
**Ferns - evergreen** 4  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 0  
**Litter** 100  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/RUSP	95	1
2. Salix spp. community type	5	3
3		

**Polygon Number** 45  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	99	1
2. THPL-TSHE/OPHO/POMU	1	6
3		

**Polygon Number** 46  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 47  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 7/13/2004  
**Specific Location** Cleator Rd. - road to Fragrant Lake trail

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 5  
**main canopy** 85  
**subcanopy** 5  
**Shrubs Total** 20  
**> 1.5' tall** 5  
**< 1.5' tall** 15  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 4  
**Forbs perennial** 3  
**Forbs annual** 1  
**Ferns - evergreen** 55  
**Ferns - deciduous** 5  
**Exotics Total** 1  
**Exotics perennial** 0  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 3  
**Litter** 96  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** Geranium robertianum  
**secondary spp** Ilex aquifolium

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 48  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 49  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 50  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Eastern portion of Park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	65	1
2. TSHE-PSME/POMU-DREX	30	5
3. PSME-TSHE/GASH/POMU	5	3

**Polygon Number** 52  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 53  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** East portion of Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 55  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 56  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Eastern portion of Park, N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 90  
**emergent** 8  
**main canopy** 69  
**subcanopy** 13  
**Shrubs Total** 45  
**> 1.5' tall** 38  
**< 1.5' tall** 7  
**Graminoids Total** 3  
**Graminoids perennial** 2  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 25  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		



**Polygon Number** 57  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 58  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** North central section of park - N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	80	1
2. ALRU/POMU	20	5
3		

**Polygon Number** 60  
**Survey Intensity** 2  
  
**Observer** DS  
**Date** 8/17/2004  
**Specific Location** Along coniferous ridge northeast of Lost Lake ? Understory, downed trees, ? ? ?

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 10  
**main canopy** 80  
**subcanopy** 10  
**Shrubs Total** 0  
**> 1.5' tall** 0  
**< 1.5' tall** 0  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 0  
**Forbs perennial** 0  
**Forbs annual** 0  
**Ferns - evergreen** 3  
**Ferns - deciduous** 2  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 3  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 0  
**Litter** 97  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 61  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Central portion of Park just E of long ridgeline

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	95	1
2. TSHE-PSME/POMU-DREX	5	3
3		

**Polygon Number** 62  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 63  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	65	1
2. ALRU/POMU	35	5
3		

**Polygon Number** 65  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** east of private road above Cleator Road

**Total Vegetation** 90  
**Trees Total** 85  
**emergent** 1  
**main canopy** 82  
**subcanopy** 2  
**Shrubs Total** 45  
**> 1.5' tall** 30  
**< 1.5' tall** 15  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 8  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 5  
**Litter** 95  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/MANE/POMU	65	1
2. PSME-TSHE/GASH/POMU	25	2
3. TSHE-PSME/POMU-DREX	10	3

**Polygon Number** 68  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 69  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	100	1
2.		
3		

**Polygon Number** 70  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 7/13/2004  
**Specific Location** ALRU forest strip north of Fragrant Lake

**Total Vegetation** 100  
**Trees Total** 90  
**emergent** 68  
**main canopy** 20  
**subcanopy** 2  
**Shrubs Total** 85  
**> 1.5' tall** 80  
**< 1.5' tall** 5  
**Graminoids Total** 5  
**Graminoids perennial** 5  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 5  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 20  
**Moss-Lichen** 10  
**Litter** 70  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 71  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 72  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 2  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 73  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Central portion of Park just E of long ridgeline

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	100	1
2.		
3		

**Polygon Number** 74  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 100  
**Trees Total** 14  
**emergent** 2  
**main canopy** 10  
**subcanopy** 2  
**Shrubs Total** 17  
**> 1.5' tall** 12  
**< 1.5' tall** 5  
**Graminoids Total** 46  
**Graminoids perennial** 43  
**Graminoids annual** 3  
**Forbs Total** 18  
**Forbs perennial** 15  
**Forbs annual** 3  
**Ferns - evergreen** 3  
**Ferns - deciduous** 10  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 2  
**Bare Ground** 2  
**Moss-Lichen** 15  
**Litter** 81  
**Logging** 2  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 75  
**Survey Intensity** 1  
  
**Observer** SW  
**Date** 8/19/2004  
**Specific Location** Wetland about 3/4 mile northeast of Lost Lake

**Total Vegetation** 95  
**Trees Total** 0  
**emergent** 0  
**main canopy** 0  
**subcanopy** 0  
**Shrubs Total** 35  
**> 1.5' tall** 33  
**< 1.5' tall** 2  
**Graminoids Total** 41  
**Graminoids perennial** 40  
**Graminoids annual** 1  
**Forbs Total** 20  
**Forbs perennial** 19  
**Forbs annual** 1  
**Ferns - evergreen** 1  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 5  
**Moss-Lichen** 0  
**Litter** 95  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 3, 5  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 76  
**Survey Intensity** 3  
  
**Observer** DS  
**Date** 7/14/2004  
**Specific Location** In coniferous band north of Fragrance Lake

**Total Vegetation** 97  
**Trees Total** 95  
**emergent** 25  
**main canopy** 50  
**subcanopy** 20  
**Shrubs Total** 4  
**> 1.5' tall** 2  
**< 1.5' tall** 2  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 30  
**Ferns - deciduous** 3  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 30  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 68  
**Logging**  
**Stand Age** 6  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 77  
**Survey Intensity** 1  
  
**Observer** DS  
**Date** 8/19/2004  
**Specific Location** On steep slope below and to the east of Lost Lake

**Total Vegetation** 100  
**Trees Total** 99  
**emergent** 2  
**main canopy** 87  
**subcanopy** 10  
**Shrubs Total** 2  
**> 1.5' tall** 2  
**< 1.5' tall** 0  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total**  
**Forbs perennial**  
**Forbs annual**  
**Ferns - evergreen** 35  
**Ferns - deciduous** 15  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 10  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 5  
**Litter** 85  
**Logging** 3  
**Stand Age** 5  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	96	1
2. THPL-TSHE/OPHO/POMU	4	6
3		

**Polygon Number** 78  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** E [portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	60	2
2. ALRU/POMU	40	2
3		

**Polygon Number** 79  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 80  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** E. of Ridge trail

**Total Vegetation** 99  
**Trees Total** 90  
**emergent** 5  
**main canopy** 80  
**subcanopy** 5  
**Shrubs Total** 5  
**> 1.5' tall** 4  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 0  
**Forbs annual** 2  
**Ferns - evergreen** 50  
**Ferns - deciduous** 3  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 2  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 10  
**Litter** 86  
**Logging** 1  
**Stand Age**  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	60	2
2. PSME-TSHE/GASH/POMU	40	5
3		

**Polgyon Number** 81  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** NE of Fragrance Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 70  
**> 1.5' tall** 42  
**< 1.5' tall** 28  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 2  
**Forbs annual** 0  
**Ferns - evergreen** 13  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 4  
**Moss-Lichen** 3  
**Litter** 91  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	85	1
2. PSME-TSHE/HODI/POMU	10	3
3. PSME-TSHE/GASH-HODI	5	3

<b>Polygon Number</b>	82
<b>Survey Intensity</b>	4
<b>Observer</b>	Hans
<b>Date</b>	2/12/2005
<b>Specific Location</b>	N of fragrance lake trail (from campground)
<b>Total Vegetation</b>	99
<b>Trees Total</b>	95
<b>emergent</b>	9
<b>main canopy</b>	75
<b>subcanopy</b>	11
<b>Shrubs Total</b>	13
<b>&gt; 1.5' tall</b>	7
<b>&lt; 1.5' tall</b>	6
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	2
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	42
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	3
<b>Moss-Lichen</b>	4
<b>Litter</b>	92
<b>Logging</b>	2
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 83  
**Survey Intensity** 2  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** north of plot 7 in next valley

**Total Vegetation** 100  
**Trees Total** 90  
**emergent** 14  
**main canopy** 58  
**subcanopy** 18  
**Shrubs Total** 55  
**> 1.5' tall** 20  
**< 1.5' tall** 35  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 15  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 1  
**Litter** 99  
**Logging** 1  
**Stand Age** 2,3  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	70	1
2. PSME-TSHE/MANE/POMU	30	3
3		

<b>Polygon Number</b>	84
<b>Survey Intensity</b>	4
<b>Observer</b>	Hans
<b>Date</b>	2/12/2005
<b>Specific Location</b>	N of fragrance lake trail (from campground)
<b>Total Vegetation</b>	99
<b>Trees Total</b>	95
<b>emergent</b>	9
<b>main canopy</b>	75
<b>subcanopy</b>	11
<b>Shrubs Total</b>	13
<b>&gt; 1.5' tall</b>	7
<b>&lt; 1.5' tall</b>	6
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	2
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	42
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	3
<b>Moss-Lichen</b>	4
<b>Litter</b>	92
<b>Logging</b>	2
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

## Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	88	1
2. PSME-TSHE/MANE/POMU	12	3
3		



**Polygon Number** 85  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** E side of Park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 2  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	60	2
2. TSHE-PSME/POMU-DREX	40	2
3		

<b>Polygon Number</b>	86
<b>Survey Intensity</b>	2
<b>Observer</b>	PM
<b>Date</b>	5/18/2004
<b>Specific Location</b>	old growth stand on cliff west of Fragrant Lake
<b>Total Vegetation</b>	90
<b>Trees Total</b>	80
<b>emergent</b>	10
<b>main canopy</b>	50
<b>subcanopy</b>	20
<b>Shrubs Total</b>	45
<b>&gt; 1.5' tall</b>	30
<b>&lt; 1.5' tall</b>	15
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	25
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	10
<b>Gravel</b>	5
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	5
<b>Litter</b>	79
<b>Logging</b>	1
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	5
<b>Wildlife</b>	0
<b>Recreation Severity</b>	2
<b>Recreation Type</b>	3
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/HODI/POMU	90	1
2. TSHE-PSME/POMU-DREX	10	3
3		

**Polygon Number** 87  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N of fragrance lake trail (from campground)

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. TSHE-PSME/POMU-DREX	85	1
2. PSME-TSHE/MANE/POMU	10	2
3. PSME-TSHE/GASH/POMU	5	3

**Polygon Number** 88  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 5/18/2004  
**Specific Location** Fragrant Lake margin

**Total Vegetation** 100  
**Trees Total** 60  
**emergent** 0  
**main canopy** 55  
**subcanopy** 5  
**Shrubs Total** 90  
**> 1.5' tall** 80  
**< 1.5' tall** 10  
**Graminoids Total** 30  
**Graminoids perennial** 30  
**Graminoids annual** 0  
**Forbs Total** 10  
**Forbs perennial** 10  
**Forbs annual** 0  
**Ferns - evergreen** 4  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 0  
**Litter** 100  
**Logging** 1  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 0  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/RUSP	90	1
2. Salix spp. community type	10	6
3		

<b>Polygon Number</b>	89
<b>Survey Intensity</b>	4
<b>Observer</b>	Hans
<b>Date</b>	2/12/2005
<b>Specific Location</b>	N of fragrance lake trail (from campground)
<b>Total Vegetation</b>	98
<b>Trees Total</b>	95
<b>emergent</b>	6
<b>main canopy</b>	80
<b>subcanopy</b>	9
<b>Shrubs Total</b>	45
<b>&gt; 1.5' tall</b>	15
<b>&lt; 1.5' tall</b>	30
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	15
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	0
<b>Gravel</b>	1
<b>Bare Ground</b>	2
<b>Moss-Lichen</b>	4
<b>Litter</b>	93
<b>Logging</b>	2
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/MANE/POMU	65	1
2. TSHE-PSME/POMU-DREX	35	2
3		

<b>Polygon Number</b>	90
<b>Survey Intensity</b>	2
<b>Observer</b>	Hans
<b>Date</b>	2/12/2005
<b>Specific Location</b>	N of Chuckanut Mt summit, along road
<b>Total Vegetation</b>	99
<b>Trees Total</b>	90
<b>emergent</b>	7
<b>main canopy</b>	69
<b>subcanopy</b>	14
<b>Shrubs Total</b>	45
<b>&gt; 1.5' tall</b>	38
<b>&lt; 1.5' tall</b>	7
<b>Graminoids Total</b>	3
<b>Graminoids perennial</b>	2
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	6
<b>Forbs perennial</b>	4
<b>Forbs annual</b>	2
<b>Ferns - evergreen</b>	25
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	1
<b>Gravel</b>	1
<b>Bare Ground</b>	5
<b>Moss-Lichen</b>	8
<b>Litter</b>	85
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	6 - roads/trails
<b>Wildlife</b>	3
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	4
<b>Hydrology</b>	1

## Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	80	1
2. PSME-TSHE/GASH/POMU	10	3
3. PSME-TSHE/MANE/POMU	10	3

**Polygon Number** 91  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** north of plot 6

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 25  
**main canopy** 60  
**subcanopy** 10  
**Shrubs Total** 5  
**> 1.5' tall** 2  
**< 1.5' tall** 3  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 3  
**Forbs perennial** 2  
**Forbs annual** 1  
**Ferns - evergreen** 25  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 19  
**Moss-Lichen** 3  
**Litter** 78  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	85	1
2. PSME-TSHE/MANE/POMU	15	3
3		

**Polygon Number** 93  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Fragrance Lake

**Total Vegetation** 99  
**Trees Total** 19  
**emergent** 3  
**main canopy** 12  
**subcanopy** 4  
**Shrubs Total** 50  
**> 1.5' tall** 45  
**< 1.5' tall** 5  
**Graminoids Total** 15  
**Graminoids perennial** 13  
**Graminoids annual** 2  
**Forbs Total** 10  
**Forbs perennial** 8  
**Forbs annual** 2  
**Ferns - evergreen** 3  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 3  
**Litter** 96  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - lake	100	1
2.		
3		



**Polygon Number** 94  
**Survey Intensity** 2

**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Lost Lake

**Total Vegetation** 99  
**Trees Total** 19  
**emergent** 3  
**main canopy** 12  
**subcanopy** 4  
**Shrubs Total** 50  
**> 1.5' tall** 45  
**< 1.5' tall** 5  
**Graminoids Total** 15  
**Graminoids perennial** 13  
**Graminoids annual** 2  
**Forbs Total** 10  
**Forbs perennial** 8  
**Forbs annual** 2  
**Ferns - evergreen** 3  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 3  
**Litter** 96  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - lake	100	1
2.		
3		

**Polygon Number** 95  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** W. side of Lost Lake

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 8  
**main canopy** 76  
**subcanopy** 11  
**Shrubs Total** 3  
**> 1.5' tall** 2  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 35  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 2  
**Litter** 95  
**Logging** 2  
**Stand Age**  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 99  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W of Lost Lake

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 101  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** below big turn on Chuckanut Mt

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 3  
**main canopy** 82  
**subcanopy** 13  
**Shrubs Total** 5  
**> 1.5' tall** 4  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 0  
**Forbs annual** 2  
**Ferns - evergreen** 25  
**Ferns - deciduous** 3  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 2  
**Litter** 95  
**Logging** 2  
**Stand Age**  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	90	1
2. PSME/GASH-HODI	10	6
3		

**Polygon Number** 102  
**Survey Intensity** 2  
  
**Observer** DV  
**Date** 5/18/2004  
**Specific Location** on way to Fragrance Lake

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 3  
**main canopy** 85  
**subcanopy** 10  
**Shrubs Total** 30  
**> 1.5' tall** 0  
**< 1.5' tall** 30  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 0  
**Forbs perennial** 0  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 5  
**Bare Ground** 5  
**Moss-Lichen** 2  
**Litter** 88  
**Logging** 1  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 7, birds  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/MANE/POMU	100	1
2.		
3		

**Polygon Number** 103  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** conifer stand north of 23

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 31  
**main canopy** 48  
**subcanopy** 21  
**Shrubs Total** 39  
**> 1.5' tall** 36  
**< 1.5' tall** 3  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 50  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 7  
**Litter** 93  
**Logging** 1  
**Stand Age** 2,3,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 104  
**Survey Intensity** 1  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Campground and parking area

**Total Vegetation**

**Trees Total**  
 emergent  
 main canopy  
 subcanopy  
**Shrubs Total**  
 > 1.5' tall  
 < 1.5' tall  
**Graminoids Total**  
 Graminoids perennial  
 Graminoids annual  
**Forbs Total**  
 Forbs perennial  
 Forbs annual  
**Ferns - evergreen**  
**Ferns - deciduous**  
**Exotics Total**  
 Exotics perennial  
 Exotics annual  
**Rock Outcrop**  
 Gravel  
**Bare Ground**  
**Moss-Lichen**  
**Litter**  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - campground and parking/recreational area  
**Wildlife** 3  
**Recreation Severity** 1  
**Recreation Type** 4  
**Hydrology** 2

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. developed area	100	1
2.		
3		

**Polygon Number** 106  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W of Chuckanut Mt summit

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 67  
**> 1.5' tall** 38  
**< 1.5' tall** 29  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 15  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 3  
**Litter** 92  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	90	1
2. PSME-TSHE/MANE/POMU	10	3
3		



**Polygon Number** 107  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Central portion of park, S - SW of Chuckanut Mt summit

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	80	1
2. TSHE-PSME/POMU-DREX	20	3
3		

**Polygon Number** 108  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** alder forest between parking lot & hairpin turn

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 0  
**main canopy** 92  
**subcanopy** 6  
**Shrubs Total** 50  
**> 1.5' tall** 45  
**< 1.5' tall** 5  
**Graminoids Total** 2  
**Graminoids perennial** 2  
**Graminoids annual** 0  
**Forbs Total** 3  
**Forbs perennial** 2  
**Forbs annual** 1  
**Ferns - evergreen** 15  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 5  
**Litter** 95  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** Ranunculus repens v. repens  
**secondary spp**

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 109  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W of Chuckanut Mt summit

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 18  
**main canopy** 61  
**subcanopy** 16  
**Shrubs Total** 72  
**> 1.5' tall** 40  
**< 1.5' tall** 32  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 8  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 5  
**Litter** 93  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	100	1
2.		
3		

**Polygon Number** 112  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** up trail to Fragrance Lake off trail

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 14  
**main canopy** 63  
**subcanopy** 18  
**Shrubs Total** 35  
**> 1.5' tall** 10  
**< 1.5' tall** 25  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 35  
**Ferns - deciduous** 5  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 10  
**Litter** 89  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** Hedera helix  
**secondary spp**

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	80	1
2. PSME-TSHE/GASH/POMU	10	3
3. PSME-TSHE/MANE/POMU	10	2

**Polygon Number** 113  
**Survey Intensity** 2  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S of Lost Lake

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. ALRU/POMU	75	1
2. TSHE-PSME/POMU-DREX	25	5
3		

**Polygon Number** 114  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W of Chuckanut Mt summit

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 15  
**main canopy** 72  
**subcanopy** 8  
**Shrubs Total** 73  
**> 1.5' tall** 45  
**< 1.5' tall** 28  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 2  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	90	1
2. PSME-TSHE/GASH-HODI	10	3
3		

**Polygon Number** 115  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** forest on summit ridge and S slopes

**Total Vegetation** 98  
**Trees Total** 95  
**emergent** 27  
**main canopy** 51  
**subcanopy** 17  
**Shrubs Total** 70  
**> 1.5' tall** 25  
**< 1.5' tall** 45  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 2  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 1  
**Litter** 97  
**Logging** 1  
**Stand Age** 3,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH-HODI	100	1
2.		
3		

**Polygon Number** 116  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/13/2004  
**Specific Location** small valley bottom due west of Chuckanut Mt Summit

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 3  
**main canopy** 70  
**subcanopy** 25  
**Shrubs Total** 2  
**> 1.5' tall** 1  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 1  
**Litter** 98  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

**primary spp** Ilex aquifolium  
**secondary spp**

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		



**Polygon Number** 118  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S of Lost Lake

**Total Vegetation** 100  
**Trees Total** 14  
**emergent** 2  
**main canopy** 10  
**subcanopy** 2  
**Shrubs Total** 17  
**> 1.5' tall** 12  
**< 1.5' tall** 5  
**Graminoids Total** 46  
**Graminoids perennial** 43  
**Graminoids annual** 3  
**Forbs Total** 18  
**Forbs perennial** 15  
**Forbs annual** 3  
**Ferns - evergreen** 3  
**Ferns - deciduous** 10  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 2  
**Bare Ground** 2  
**Moss-Lichen** 15  
**Litter** 81  
**Logging** 2  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 2

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 119  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/13/2004  
**Specific Location** deciduous forest south of small valley bottom, directly south west of Chuckanut Mt Summit

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 0  
**main canopy** 90  
**subcanopy** 10  
**Shrubs Total** 1  
**> 1.5' tall** 0  
**< 1.5' tall** 1  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 40  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 1  
**Litter** 99  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 121  
**Survey Intensity** 1  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Water treatment plant

**Total Vegetation**

**Trees Total**  
 emergent  
 main canopy  
 subcanopy  
**Shrubs Total**  
 > 1.5' tall  
 < 1.5' tall  
**Graminoids Total**  
 Graminoids perennial  
 Graminoids annual  
**Forbs Total**  
 Forbs perennial  
 Forbs annual  
**Ferns - evergreen**  
**Ferns - deciduous**  
**Exotics Total**  
 Exotics perennial  
 Exotics annual  
**Rock Outcrop**  
**Gravel**  
**Bare Ground**  
**Moss-Lichen**  
**Litter**  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - water treatment plant and parking lot  
**Wildlife** 0  
**Recreation Severity** 1  
**Recreation Type** 4  
**Hydrology** 2

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. developed area	100	1
2.		
3		

**Polygon Number** 126  
**Survey Intensity** 2  
  
**Observer** HS  
**Date** 7/13/2004  
**Specific Location** Steep hillside in south side of park just east of railroad track

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 1  
**main canopy** 90  
**subcanopy** 4  
**Shrubs Total** 2  
**> 1.5' tall** 1  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 5  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial**  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 1  
**Litter** 97  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 1  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

**primary spp** Geranium robertianum  
**secondary spp**

Plant Associations	Percent	Pattern
1. PSME-TSHE/HODI/POMU	60	2
2. PSME-THSE/GASH/POMU	30	5
3. TSHE-PSME/POMU-DREX	10	2

**Polygon Number** 127  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 128  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S portion of park near coast

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 2

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. TSHE-PSME/POMU-DREX	75	1
2. PSME-TSHE/GASH/POMU	25	2
3		

<b>Polygon Number</b>	129
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	Polygon in SW corner of Park on crest of steep slope of dry Doug fir and bigleaf maple
<b>Total Vegetation</b>	100
<b>Trees Total</b>	97
<b>emergent</b>	30
<b>main canopy</b>	60
<b>subcanopy</b>	7
<b>Shrubs Total</b>	85
<b>&gt; 1.5' tall</b>	35
<b>&lt; 1.5' tall</b>	50
<b>Graminoids Total</b>	2
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	2
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	2
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	1
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	5
<b>Moss-Lichen</b>	20
<b>Litter</b>	75
<b>Logging</b>	
<b>Stand Age</b>	
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	5
<b>Wildlife</b>	2, deer trails; 7, pileated woodpecker
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

## Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH/POMU	95	1
2. TSHE-PSME/POMU-DREX	5	4
3		

<b>Polygon Number</b>	131
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	Polygon just north of intersection of old logging roads in southern reach of park
<b>Total Vegetation</b>	100
<b>Trees Total</b>	100
<b>emergent</b>	15
<b>main canopy</b>	65
<b>subcanopy</b>	20
<b>Shrubs Total</b>	2
<b>&gt; 1.5' tall</b>	2
<b>&lt; 1.5' tall</b>	0
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	
<b>Forbs perennial</b>	
<b>Forbs annual</b>	
<b>Ferns - evergreen</b>	90
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	3
<b>Litter</b>	97
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	3
<b>Wildlife</b>	
<b>Recreation Severity</b>	
<b>Recreation Type</b>	
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 132  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S section of park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	85	1
2. TSHE-PSME/POMU-DREX	15	3
3		

**Polygon Number** 133  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** S section of park

**Total Vegetation** 99  
**Trees Total** 90  
**emergent** 7  
**main canopy** 69  
**subcanopy** 14  
**Shrubs Total** 45  
**> 1.5' tall** 38  
**< 1.5' tall** 7  
**Graminoids Total** 3  
**Graminoids perennial** 2  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 25  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 135  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** Along coast line - rocky banks

**Total Vegetation** 95  
**Trees Total** 75  
**emergent** 25  
**main canopy** 48  
**subcanopy** 2  
**Shrubs Total** 85  
**> 1.5' tall** 84  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 0  
**Forbs perennial** 0  
**Forbs annual** 0  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 35  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 58  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Rubus discolor  
**secondary spp** Dactylis glomerata

### Plant Associations

	Percent	Pattern
1. PSME-ARME/GASH	90	1
2. PSME-TSHE/HODI/POMU	10	6
3		

**Polygon Number** 136  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** Along coast line - rocky banks

**Total Vegetation** 95  
**Trees Total** 75  
**emergent** 25  
**main canopy** 48  
**subcanopy** 2  
**Shrubs Total** 85  
**> 1.5' tall** 84  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 0  
**Forbs perennial** 0  
**Forbs annual** 0  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 35  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 58  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Rubus discolor  
**secondary spp** Dactylis glomerata

### Plant Associations

	Percent	Pattern
1. PSME-ARME/GASH	90	1
2. PSME-TSHE/HODI/POMU	10	6
3		

**Polygon Number** 137  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** along coastline, near campground, recreational beach

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 2  
**main canopy** 92  
**subcanopy** 1  
**Shrubs Total** 40  
**> 1.5' tall** 40  
**< 1.5' tall** 0  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 10  
**Ferns - deciduous** 5  
**Exotics Total** 1  
**Exotics perennial** 0  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 2  
**Litter** 95  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 6  
**Development** 6, railroad, footpaths, picnic spots  
**Wildlife** 3  
**Recreation Severity** 1  
**Recreation Type** 3  
**Hydrology** 2

**Exotic Species**

**primary spp** Rubus discolor  
**secondary spp** Lactuca muralis

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 138  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** Along beach access trail south of parkinglot near water treatment plant

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 2  
**main canopy** 89  
**subcanopy** 4  
**Shrubs Total** 60  
**> 1.5' tall** 55  
**< 1.5' tall** 5  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 1  
**Forbs annual** 5  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 20  
**Moss-Lichen** 20  
**Litter** 60  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 1

**Exotic Species**

**primary spp** Dactylis glomerata  
**secondary spp** Rubus discolor

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 142  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** Recreational beach near south border of park

**Total Vegetation** 9  
**Trees Total** 0  
**emergent** 0  
**main canopy** 0  
**subcanopy** 0  
**Shrubs Total** 2  
**> 1.5' tall** 2  
**< 1.5' tall** 0  
**Graminoids Total** 6  
**Graminoids perennial** 5  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 3  
**Exotics perennial** 2  
**Exotics annual** 1  
**Rock Outcrop** 2  
**Gravel** 1  
**Bare Ground** 50  
**Moss-Lichen** 0  
**Litter** 47  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 6, beach duelling, trail  
**Wildlife** 0  
**Recreation Severity** 1  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Cytisus scoparius  
**secondary spp**

### Plant Associations

	Percent	Pattern
1. Leymus mollis - sandy beach	100	1
2.		
3		

<b>Polygon Number</b>	144
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	steep ravine near waterfall along road from water treatment plant to Fragrant Lake
<b>Total Vegetation</b>	100
<b>Trees Total</b>	98
<b>emergent</b>	5
<b>main canopy</b>	83
<b>subcanopy</b>	10
<b>Shrubs Total</b>	2
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	1
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	80
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	1
<b>Litter</b>	97
<b>Logging</b>	0
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



<b>Polygon Number</b>	145
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	Large polygon in southern area of park along along road from water treatment plant to Fragrant
<b>Total Vegetation</b>	100
<b>Trees Total</b>	85
<b>emergent</b>	1
<b>main canopy</b>	82
<b>subcanopy</b>	2
<b>Shrubs Total</b>	4
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	3
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	65
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	1
<b>Exotics perennial</b>	
<b>Exotics annual</b>	1
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	1
<b>Litter</b>	98
<b>Logging</b>	1
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp                      Geranium robertianum  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH/POMU	65	1
2. TSHE-PSME/POMU-DREX	25	2
3. PSME-TSHE/GASH/MANE	10	3

<b>Polygon Number</b>	148
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	10/13/2004
<b>Specific Location</b>	short distance up trail to Fragrance Lake below trail
<b>Total Vegetation</b>	100
<b>Trees Total</b>	98
<b>emergent</b>	10
<b>main canopy</b>	78
<b>subcanopy</b>	10
<b>Shrubs Total</b>	8
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	7
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	70
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	2
<b>Exotics perennial</b>	2
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	20
<b>Litter</b>	79
<b>Logging</b>	1
<b>Stand Age</b>	5
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	3
<b>Wildlife</b>	0
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	3
<b>Hydrology</b>	1

### Exotic Species

<b>primary spp</b>	Hedera helix
<b>secondary spp</b>	

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

<b>Polygon Number</b>	149
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	Poorly drained area directly east of parkinglot near water treatment plant
<b>Total Vegetation</b>	100
<b>Trees Total</b>	40
<b>emergent</b>	10
<b>main canopy</b>	28
<b>subcanopy</b>	2
<b>Shrubs Total</b>	30
<b>&gt; 1.5' tall</b>	28
<b>&lt; 1.5' tall</b>	2
<b>Graminoids Total</b>	60
<b>Graminoids perennial</b>	58
<b>Graminoids annual</b>	2
<b>Forbs Total</b>	7
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	6
<b>Ferns - evergreen</b>	1
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	4
<b>Exotics perennial</b>	3
<b>Exotics annual</b>	1
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	3
<b>Moss-Lichen</b>	0
<b>Litter</b>	97
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	0
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

<b>primary spp</b>	Rubus discolor
<b>secondary spp</b>	Ranunculus repens v. repens

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. Carex obnuta - saturated soils	80	1
2. TSHE-PSME/POMU-DREX	20	3
3		

**Polygon Number** 150  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W of Fragrance Lake

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 15  
**main canopy** 73  
**subcanopy** 9  
**Shrubs Total** 65  
**> 1.5' tall** 38  
**< 1.5' tall** 27  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 18  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 3  
**Litter** 93  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 6 - roads/trails  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	80	1
2. TSHE-PSME/POMU-DREX	10	3
3. PSME-TSHE/GASH-HODI	10	3

<b>Polygon Number</b>	151
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	summit of large hill directly NE of parkinglot near water treatment plant
<b>Total Vegetation</b>	100
<b>Trees Total</b>	96
<b>emergent</b>	0
<b>main canopy</b>	95
<b>subcanopy</b>	1
<b>Shrubs Total</b>	90
<b>&gt; 1.5' tall</b>	45
<b>&lt; 1.5' tall</b>	45
<b>Graminoids Total</b>	2
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	2
<b>Forbs Total</b>	2
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	2
<b>Ferns - evergreen</b>	12
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	0
<b>Litter</b>	99
<b>Logging</b>	1
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE	60	1
2. PSME/GASH-HODI	40	2
3		

<b>Polygon Number</b>	152
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	southwest facing upper steep portion of large hill directly NE of parkinglot near water treatment
<b>Total Vegetation</b>	100
<b>Trees Total</b>	99
<b>emergent</b>	2
<b>main canopy</b>	95
<b>subcanopy</b>	2
<b>Shrubs Total</b>	2
<b>&gt; 1.5' tall</b>	0
<b>&lt; 1.5' tall</b>	2
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	40
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	1
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	0
<b>Litter</b>	99
<b>Logging</b>	3
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	70	1
2. PSME-TSHE/GASH/POMU	25	5
3. PSME/GASH-HODI	5	3

<b>Polygon Number</b>	153
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	west facing slope in middle of hill located E of parkinglot near water treatment plant
<b>Total Vegetation</b>	100
<b>Trees Total</b>	70
<b>emergent</b>	2
<b>main canopy</b>	64
<b>subcanopy</b>	4
<b>Shrubs Total</b>	95
<b>&gt; 1.5' tall</b>	94
<b>&lt; 1.5' tall</b>	1
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	0
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	0
<b>Litter</b>	99
<b>Logging</b>	1
<b>Stand Age</b>	3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. PSME/GASH-HODI	100	1
2.		
3		

**Polygon Number** 159  
**Survey Intensity** 2  
  
**Observer** DV  
**Date** 5/19/2004  
**Specific Location** near Lost Lake

**Total Vegetation** 95  
**Trees Total** 90  
**emergent** 0  
**main canopy** 85  
**subcanopy** 5  
**Shrubs Total** 5  
**> 1.5' tall** 5  
**< 1.5' tall** 0  
**Graminoids Total** 5  
**Graminoids perennial** 5  
**Graminoids annual** 0  
**Forbs Total** 15  
**Forbs perennial** 15  
**Forbs annual** 0  
**Ferns - evergreen** 80  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 5  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 5  
**Litter** 90  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		



**Polygon Number** 161  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** N Central part of Park, N of Lost Lake

**Total Vegetation** 99  
**Trees Total** 90  
**emergent** 7  
**main canopy** 69  
**subcanopy** 14  
**Shrubs Total** 45  
**> 1.5' tall** 38  
**< 1.5' tall** 7  
**Graminoids Total** 3  
**Graminoids perennial** 2  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 25  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 162  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** E. of Lost Lake trail

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 2  
**main canopy** 84  
**subcanopy** 14  
**Shrubs Total** 4  
**> 1.5' tall** 3  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 40  
**Ferns - deciduous** 15  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 10  
**Litter** 90  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 163  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** trail intersection - Lost Lake trail

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 0  
**main canopy** 89  
**subcanopy** 8  
**Shrubs Total** 50  
**> 1.5' tall** 40  
**< 1.5' tall** 10  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 3  
**Forbs perennial** 0  
**Forbs annual** 3  
**Ferns - evergreen** 10  
**Ferns - deciduous** 2  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 98  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 2

### Exotic Species

**primary spp** Ranunculus repens v. repens  
**secondary spp** Geranium robertianum

### Plant Associations

	Percent	Pattern
1. ALRU/POMU	98	1
2. TSHE-PSME/POMU-DREX	2	3
3		

<b>Polygon Number</b>	164
<b>Survey Intensity</b>	1
<b>Observer</b>	DS
<b>Date</b>	8/17/2004
<b>Specific Location</b>	C. Obnucta drainage wetland (northern portion of L3) w/ Bracken fern dominant
<b>Total Vegetation</b>	100
<b>Trees Total</b>	70
<b>emergent</b>	5
<b>main canopy</b>	55
<b>subcanopy</b>	10
<b>Shrubs Total</b>	20
<b>&gt; 1.5' tall</b>	15
<b>&lt; 1.5' tall</b>	5
<b>Graminoids Total</b>	25
<b>Graminoids perennial</b>	25
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	4
<b>Forbs perennial</b>	3
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	10
<b>Ferns - deciduous</b>	50
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	15
<b>Litter</b>	85
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 165  
**Survey Intensity** 1  
  
**Observer** SW  
**Date** 8/19/2004  
**Specific Location** Southern half of wetland - east of Lost Lake

**Total Vegetation** 95  
**Trees Total** 5  
**emergent** 0  
**main canopy** 0  
**subcanopy** 5  
**Shrubs Total** 0  
**> 1.5' tall** 0  
**< 1.5' tall** 0  
**Graminoids Total** 60  
**Graminoids perennial** 59  
**Graminoids annual** 1  
**Forbs Total** 40  
**Forbs perennial** 38  
**Forbs annual** 2  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 5  
**Moss-Lichen** 2  
**Litter** 93  
**Logging** 0  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 5  
**Recreation Severity** 2  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 166  
**Survey Intensity** 1

**Observer** HS  
**Date** 7/14/2004  
**Specific Location** wetland

**Total Vegetation** 85  
**Trees Total** 3  
**emergent** 0  
**main canopy** 3  
**subcanopy** 0  
**Shrubs Total** 10  
**> 1.5' tall** 8  
**< 1.5' tall** 2  
**Graminoids Total** 61  
**Graminoids perennial** 60  
**Graminoids annual** 1  
**Forbs Total** 8  
**Forbs perennial** 3  
**Forbs annual** 5  
**Ferns - evergreen** 2  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 39  
**Bare Ground** 0  
**Moss-Lichen** 59  
**Litter** 2  
**Logging** 3  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - mosaic	100	1
2.		
3		

<b>Polygon Number</b>	167
<b>Survey Intensity</b>	2
<b>Observer</b>	DS
<b>Date</b>	8/17/2004
<b>Specific Location</b>	In stump-filled former wetland that now draws off to east to gorge, wetland still to south and
<b>Total Vegetation</b>	100
<b>Trees Total</b>	10
<b>emergent</b>	0
<b>main canopy</b>	10
<b>subcanopy</b>	0
<b>Shrubs Total</b>	5
<b>&gt; 1.5' tall</b>	3
<b>&lt; 1.5' tall</b>	2
<b>Graminoids Total</b>	90
<b>Graminoids perennial</b>	90
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	15
<b>Forbs perennial</b>	15
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	0
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	5
<b>Exotics perennial</b>	5
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	2
<b>Litter</b>	98
<b>Logging</b>	3
<b>Stand Age</b>	1
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	0
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. minerotrophic wetland - mosaic	100	1
2.		
3		

**Polygon Number** 168  
**Survey Intensity** 3  
  
**Observer** DS  
**Date** 7/14/2004  
**Specific Location** Along ridge trail

**Total Vegetation** 95  
**Trees Total** 90  
**emergent** 0  
**main canopy** 75  
**subcanopy** 15  
**Shrubs Total** 25  
**> 1.5' tall** 10  
**< 1.5' tall** 15  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 40  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 97  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. TSHE-PSME/POMU-DREX	80	1
2. PSME-TSHE/GASH/POMU	20	3
3		



**Polygon Number** 169  
**Survey Intensity** 3  
  
**Observer** DS  
**Date** 7/14/2004  
**Specific Location** East side of Cleator Rd. in mixed coniferous forest midway up slope to ridge

**Total Vegetation** 85  
**Trees Total** 85  
**emergent** 0  
**main canopy** 75  
**subcanopy** 10  
**Shrubs Total** 27  
**> 1.5' tall** 2  
**< 1.5' tall** 25  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 50  
**Ferns - deciduous** 2  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 3  
**Litter** 95  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 2  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/MANE/POMU	40	2
2. PSME-TSHE/GASH/POMU	40	2
3. TSHE-PSME/POMU-DREX	20	5

**Polygon Number** 171  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 7/13/2004  
**Specific Location** down trail from Fragrant Lake about 1/4 mile toward Cleator Rd.

**Total Vegetation** 100  
**Trees Total** 100  
**emergent** 10  
**main canopy** 85  
**subcanopy** 5  
**Shrubs Total** 8  
**> 1.5' tall** 1  
**< 1.5' tall** 7  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 35  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 2  
**Litter** 97  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE/POMU	100	1
2.		
3		

**Polygon Number** 176  
**Survey Intensity** 2  
  
**Observer** HS  
**Date** 5/19/2004  
**Specific Location** roadside bald

**Total Vegetation** 61  
**Trees Total** 2  
**emergent** 2  
**main canopy** 0  
**subcanopy** 0  
**Shrubs Total** 8  
**> 1.5' tall** 4  
**< 1.5' tall** 4  
**Graminoids Total** 50  
**Graminoids perennial** 40  
**Graminoids annual** 10  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 0  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 24  
**Gravel** 0  
**Bare Ground** 5  
**Moss-Lichen** 1  
**Litter** 70  
**Logging** 1  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. DACA-ERLA	100	1
2.		
3		

<b>Polygon Number</b>	177
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	10/14/2004
<b>Specific Location</b>	strip of forest above & below Cleator road near roadside bald
<b>Total Vegetation</b>	98
<b>Trees Total</b>	97
<b>emergent</b>	5
<b>main canopy</b>	82
<b>subcanopy</b>	10
<b>Shrubs Total</b>	43
<b>&gt; 1.5' tall</b>	35
<b>&lt; 1.5' tall</b>	8
<b>Graminoids Total</b>	3
<b>Graminoids perennial</b>	2
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	5
<b>Forbs perennial</b>	3
<b>Forbs annual</b>	2
<b>Ferns - evergreen</b>	8
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	3
<b>Exotics perennial</b>	2
<b>Exotics annual</b>	1
<b>Rock Outcrop</b>	1
<b>Gravel</b>	2
<b>Bare Ground</b>	2
<b>Moss-Lichen</b>	10
<b>Litter</b>	85
<b>Logging</b>	1
<b>Stand Age</b>	2,3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	2
<b>Wildlife</b>	0
<b>Recreation Severity</b>	2
<b>Recreation Type</b>	4
<b>Hydrology</b>	1

### Exotic Species

<b>primary spp</b>	<i>Leucanthemum vulgare</i>
<b>secondary spp</b>	<i>Ranunculus repens</i> v. <i>repens</i>

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
<b>1.</b> PSME/ROGY-HODI	50	2
<b>2.</b> PSME-TSHE/GASH-HODI	40	2
<b>3</b> TSHE-PSME/POMU-DREX	10	3

<b>Polygon Number</b>	178
<b>Survey Intensity</b>	2
<b>Observer</b>	PM
<b>Date</b>	5/19/2004
<b>Specific Location</b>	forest - ridge bald area

<b>Total Vegetation</b>	98
<b>Trees Total</b>	65
<b>emergent</b>	12
<b>main canopy</b>	35
<b>subcanopy</b>	18
<b>Shrubs Total</b>	25
<b>&gt; 1.5' tall</b>	17
<b>&lt; 1.5' tall</b>	8
<b>Graminoids Total</b>	6
<b>Graminoids perennial</b>	5
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	5
<b>Forbs perennial</b>	4
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	0
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	1
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	1
<b>Rock Outcrop</b>	1
<b>Gravel</b>	1
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	20
<b>Litter</b>	77
<b>Logging</b>	2
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	0
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	3
<b>Hydrology</b>	1

### Exotic Species

<b>primary spp</b>	<i>Vulpia bromoides</i>
<b>secondary spp</b>	<i>Hypochaeris radicata</i>

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. PSME/GASH-HODI	95	1
2. DACA-ERLA	5	3
3		

**Polygon Number** 179  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** broad band of forest above roadside bald and Cleator road

**Total Vegetation** 98  
**Trees Total** 95  
**emergent** 10  
**main canopy** 82  
**subcanopy** 3  
**Shrubs Total** 4  
**> 1.5' tall** 1  
**< 1.5' tall** 3  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 5  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 65  
**Litter** 35  
**Logging** 1  
**Stand Age** 2,3,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 2  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE	90	1
2. PSME-TSHE/MANE/POMU	10	2
3		

**Polygon Number** 183  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 5/19/2004  
**Specific Location** 2nd ridge bald.

**Total Vegetation** 67  
**Trees Total** 5  
**emergent** 0  
**main canopy** 5  
**subcanopy** 0  
**Shrubs Total** 25  
**> 1.5' tall** 22  
**< 1.5' tall** 3  
**Graminoids Total** 10  
**Graminoids perennial** 10  
**Graminoids annual** 0  
**Forbs Total** 25  
**Forbs perennial** 20  
**Forbs annual** 5  
**Ferns - evergreen** 0  
**Ferns - deciduous** 2  
**Exotics Total** 2  
**Exotics perennial** 0  
**Exotics annual** 2  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 82  
**Litter** 15  
**Logging** 1  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** *Vulpia bromoides*  
**secondary spp** *Hypochaeris radicata*

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. DACA-ERLA	100	1
2.		
3		

**Polygon Number** 185  
**Survey Intensity** 2  
  
**Observer** PM  
**Date** 5/19/2004  
**Specific Location** forest south of ridge balds

**Total Vegetation** 95  
**Trees Total** 90  
**emergent** 5  
**main canopy** 80  
**subcanopy** 5  
**Shrubs Total** 35  
**> 1.5' tall** 25  
**< 1.5' tall** 10  
**Graminoids Total** 3  
**Graminoids perennial** 3  
**Graminoids annual** 0  
**Forbs Total** 5  
**Forbs perennial** 5  
**Forbs annual** 0  
**Ferns - evergreen** 0  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 0  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 5  
**Litter** 94  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE	100	1
2.		
3		



**Polygon Number** 187  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 5/19/2004  
**Specific Location** 2nd ridge bald.

**Total Vegetation** 67  
**Trees Total** 5  
**emergent** 0  
**main canopy** 5  
**subcanopy** 0  
**Shrubs Total** 25  
**> 1.5' tall** 22  
**< 1.5' tall** 3  
**Graminoids Total** 10  
**Graminoids perennial** 10  
**Graminoids annual** 0  
**Forbs Total** 25  
**Forbs perennial** 20  
**Forbs annual** 5  
**Ferns - evergreen** 0  
**Ferns - deciduous** 2  
**Exotics Total** 2  
**Exotics perennial** 0  
**Exotics annual** 2  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 82  
**Litter** 15  
**Logging** 1  
**Stand Age** 0  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

**primary spp** *Vulpia bromoides*  
**secondary spp** *Hypochaeris radicata*

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. DACA-ERLA	100	1
2.		
3		

<b>Polygon Number</b>	190
<b>Survey Intensity</b>	1
<b>Observer</b>	HS
<b>Date</b>	7/13/2004
<b>Specific Location</b>	steep ne facing slope directly under the summit of the hill that is SW of Chuckanut Mt summit
<b>Total Vegetation</b>	100
<b>Trees Total</b>	80
<b>emergent</b>	1
<b>main canopy</b>	76
<b>subcanopy</b>	3
<b>Shrubs Total</b>	1
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	0
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	0
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	65
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	1
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	1
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	1
<b>Litter</b>	99
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp                      Geranium robertianum  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	95	1
2. TSHE-PSME/POMU-DREX	5	4
3		

<b>Polygon Number</b>	191
<b>Survey Intensity</b>	4
<b>Observer</b>	Hans
<b>Date</b>	2/12/2005
<b>Specific Location</b>	horseshoe shaped polygon in south part of Larrabee, used to be OID 122
<b>Total Vegetation</b>	99
<b>Trees Total</b>	90
<b>emergent</b>	7
<b>main canopy</b>	69
<b>subcanopy</b>	14
<b>Shrubs Total</b>	45
<b>&gt; 1.5' tall</b>	38
<b>&lt; 1.5' tall</b>	7
<b>Graminoids Total</b>	3
<b>Graminoids perennial</b>	2
<b>Graminoids annual</b>	1
<b>Forbs Total</b>	6
<b>Forbs perennial</b>	4
<b>Forbs annual</b>	2
<b>Ferns - evergreen</b>	25
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	1
<b>Gravel</b>	1
<b>Bare Ground</b>	5
<b>Moss-Lichen</b>	8
<b>Litter</b>	85
<b>Logging</b>	
<b>Stand Age</b>	
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	0
<b>Wildlife</b>	3
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. ALRU/POMU	100	1
2.		
3		

**Polygon Number** 196  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** on south west steep slopes below overlook

**Total Vegetation** 97  
**Trees Total** 95  
**emergent** 16  
**main canopy** 60  
**subcanopy** 19  
**Shrubs Total** 85  
**> 1.5' tall** 75  
**< 1.5' tall** 10  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 2  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 1  
**Litter** 96  
**Logging** 1  
**Stand Age** 3,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH/POMU	95	1
2. PSME-ARME/GASH	5	3
3		

**Polygon Number** 198  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** north of cliff/overlook

**Total Vegetation** 100  
**Trees Total** 85  
**emergent** 18  
**main canopy** 53  
**subcanopy** 14  
**Shrubs Total** 65  
**> 1.5' tall** 35  
**< 1.5' tall** 30  
**Graminoids Total** 5  
**Graminoids perennial** 5  
**Graminoids annual** 0  
**Forbs Total** 3  
**Forbs perennial** 2  
**Forbs annual** 1  
**Ferns - evergreen** 25  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 20  
**Moss-Lichen** 3  
**Litter** 77  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	90	1
2. PSME-TSHE/MANE/POMU	10	3
3		

**Polygon Number** 200  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** overlook trail off Fragrance Lake trail

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 8  
**main canopy** 70  
**subcanopy** 17  
**Shrubs Total** 65  
**> 1.5' tall** 10  
**< 1.5' tall** 55  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 10  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 1  
**Litter** 99  
**Logging** 1  
**Stand Age** 3,4  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Helix hedera  
**secondary spp**

Plant Associations	Percent	Pattern
1. PSME-TSHE/MANE/POMU	70	1
2. PSME-TSHE/GASH/POMU	25	2
3. TSHE-PSME/POMU-DREX	5	3

<b>Polygon Number</b>	201
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	10/13/2004
<b>Specific Location</b>	a little below junction of Fragrance Lake trail and overlook trail
<b>Total Vegetation</b>	99
<b>Trees Total</b>	95
<b>emergent</b>	4
<b>main canopy</b>	82
<b>subcanopy</b>	9
<b>Shrubs Total</b>	61
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	60
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	15
<b>Ferns - deciduous</b>	0
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	
<b>Exotics annual</b>	
<b>Rock Outcrop</b>	0
<b>Gravel</b>	0
<b>Bare Ground</b>	0
<b>Moss-Lichen</b>	1
<b>Litter</b>	99
<b>Logging</b>	1
<b>Stand Age</b>	2,3
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	3
<b>Wildlife</b>	0
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	3
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

<b>Plant Associations</b>	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/MANE/POMU	65	1
2. PSME-TSHE/GASH/POMU	35	2
3		

<b>Polygon Number</b>	202
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	5/18/2004
<b>Specific Location</b>	Near beginning of trail to Fragrance Lake from main road near campground
<b>Total Vegetation</b>	100
<b>Trees Total</b>	90
<b>emergent</b>	0
<b>main canopy</b>	80
<b>subcanopy</b>	10
<b>Shrubs Total</b>	2
<b>&gt; 1.5' tall</b>	1
<b>&lt; 1.5' tall</b>	1
<b>Graminoids Total</b>	0
<b>Graminoids perennial</b>	0
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	1
<b>Forbs perennial</b>	1
<b>Forbs annual</b>	0
<b>Ferns - evergreen</b>	69
<b>Ferns - deciduous</b>	1
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	0
<b>Gravel</b>	1
<b>Bare Ground</b>	1
<b>Moss-Lichen</b>	2
<b>Litter</b>	96
<b>Logging</b>	3
<b>Stand Age</b>	2
<b>Agriculture</b>	0
<b>Livestock</b>	0
<b>Development</b>	3
<b>Wildlife</b>	7, pileated woodpecker
<b>Recreation Severity</b>	3
<b>Recreation Type</b>	3
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 203  
**Survey Intensity** 2  
  
**Observer** PM  
**Date** 10/13/2004  
**Specific Location** above interurban trail steep slope

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 25  
**main canopy** 60  
**subcanopy** 10  
**Shrubs Total** 5  
**> 1.5' tall** 2  
**< 1.5' tall** 3  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 3  
**Forbs perennial** 2  
**Forbs annual** 1  
**Ferns - evergreen** 25  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 20  
**Moss-Lichen** 2  
**Litter** 78  
**Logging** 1  
**Stand Age** 2,3  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 204  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/12/2004  
**Specific Location** Along W side of park from campground down to south border

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 5  
**main canopy** 90  
**subcanopy** 2  
**Shrubs Total** 2  
**> 1.5' tall** 1  
**< 1.5' tall** 1  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 0  
**Ferns - deciduous** 0  
**Exotics Total** 0  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 5  
**Litter** 93  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 205  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** Cleator Road NW of 2nd switchback

**Total Vegetation** 100  
**Trees Total** 90  
**emergent** 1  
**main canopy** 81  
**subcanopy** 8  
**Shrubs Total** 70  
**> 1.5' tall** 65  
**< 1.5' tall** 5  
**Graminoids Total** 7  
**Graminoids perennial** 7  
**Graminoids annual** 0  
**Forbs Total** 20  
**Forbs perennial** 20  
**Forbs annual** 0  
**Ferns - evergreen** 20  
**Ferns - deciduous** 1  
**Exotics Total** 3  
**Exotics perennial** 3  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 98  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 6  
**Wildlife** 0  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

**primary spp** Ranunculus repens v. repens  
**secondary spp**

### Plant Associations

	Percent	Pattern
1. ALRU/POMU	80	1
2. TSHE-PSME/POMU-DREX	20	2
3		

**Polygon Number** 206  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** below Cleator Road above switchback

**Total Vegetation** 98  
**Trees Total** 95  
**emergent** 4  
**main canopy** 66  
**subcanopy** 25  
**Shrubs Total** 25  
**> 1.5' tall** 20  
**< 1.5' tall** 5  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 4  
**Forbs perennial** 3  
**Forbs annual** 1  
**Ferns - evergreen** 50  
**Ferns - deciduous** 2  
**Exotics Total** 2  
**Exotics perennial** 1  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 1  
**Bare Ground** 1  
**Moss-Lichen** 5  
**Litter** 93  
**Logging** 1  
**Stand Age** 2,3  
**Agriculture** 0  
**Livestock** 6  
**Development** 2  
**Wildlife** 0  
**Recreation Severity** 2  
**Recreation Type** 4  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 207  
**Survey Intensity** 1  
  
**Observer** HS  
**Date** 7/14/2004  
**Specific Location** W. of top Chuckanut - S-curve

**Total Vegetation** 100  
**Trees Total** 99  
**emergent** 1  
**main canopy** 96  
**subcanopy** 2  
**Shrubs Total** 0  
**> 1.5' tall** 0  
**< 1.5' tall** 0  
**Graminoids Total** 1  
**Graminoids perennial** 0  
**Graminoids annual** 1  
**Forbs Total** 1  
**Forbs perennial** 0  
**Forbs annual** 1  
**Ferns - evergreen** 40  
**Ferns - deciduous** 1  
**Exotics Total** 0  
**Exotics perennial** 0  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 98  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 2  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 208  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** shrubs & parking lot

**Total Vegetation** 100  
**Trees Total** 0  
**emergent** 0  
**main canopy** 0  
**subcanopy** 0  
**Shrubs Total** 90  
**> 1.5' tall** 80  
**< 1.5' tall** 10  
**Graminoids Total** 4  
**Graminoids perennial** 3  
**Graminoids annual** 1  
**Forbs Total** 7  
**Forbs perennial** 5  
**Forbs annual** 2  
**Ferns - evergreen** 5  
**Ferns - deciduous** 2  
**Exotics Total** 3  
**Exotics perennial** 2  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 1  
**Moss-Lichen** 2  
**Litter** 97  
**Logging** 3  
**Stand Age** 1  
**Agriculture** 0  
**Livestock** 6  
**Development** 6  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

**Exotic Species**

primary spp  
 secondary spp

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. developed area	100	1
2.		
3		

<b>Polygon Number</b>	209
<b>Survey Intensity</b>	1
<b>Observer</b>	PM
<b>Date</b>	7/14/2004
<b>Specific Location</b>	South-facing slopes along Cleator Rd - Fragrant Lake trail, westside of park
<b>Total Vegetation</b>	100
<b>Trees Total</b>	70
<b>emergent</b>	15
<b>main canopy</b>	45
<b>subcanopy</b>	10
<b>Shrubs Total</b>	75
<b>&gt; 1.5' tall</b>	20
<b>&lt; 1.5' tall</b>	55
<b>Graminoids Total</b>	1
<b>Graminoids perennial</b>	1
<b>Graminoids annual</b>	0
<b>Forbs Total</b>	4
<b>Forbs perennial</b>	3
<b>Forbs annual</b>	1
<b>Ferns - evergreen</b>	3
<b>Ferns - deciduous</b>	2
<b>Exotics Total</b>	0
<b>Exotics perennial</b>	0
<b>Exotics annual</b>	0
<b>Rock Outcrop</b>	1
<b>Gravel</b>	1
<b>Bare Ground</b>	2
<b>Moss-Lichen</b>	1
<b>Litter</b>	95
<b>Logging</b>	3
<b>Stand Age</b>	1
<b>Agriculture</b>	0
<b>Livestock</b>	6
<b>Development</b>	0
<b>Wildlife</b>	0
<b>Recreation Severity</b>	0
<b>Recreation Type</b>	0
<b>Hydrology</b>	1

### Exotic Species

primary spp  
secondary spp

### Plant Associations

	<b>Percent</b>	<b>Pattern</b>
1. PSME-TSHE/GASH-MANE	100	1
2.		
3		

**Polygon Number** 210  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** north of private road switchback

**Total Vegetation** 100  
**Trees Total** 95  
**emergent** 12  
**main canopy** 63  
**subcanopy** 20  
**Shrubs Total** 11  
**> 1.5' tall** 10  
**< 1.5' tall** 1  
**Graminoids Total** 0  
**Graminoids perennial** 0  
**Graminoids annual** 0  
**Forbs Total** 0  
**Forbs perennial** 0  
**Forbs annual** 0  
**Ferns - evergreen** 85  
**Ferns - deciduous** 1  
**Exotics Total** 1  
**Exotics perennial** 1  
**Exotics annual** 0  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 2  
**Litter** 98  
**Logging** 1  
**Stand Age** 2,3  
**Agriculture** 0  
**Livestock** 6  
**Development** 5  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 0  
**Hydrology** 1

**Exotic Species**

**primary spp** Hedera helix  
**secondary spp**

**Plant Associations**

	<b>Percent</b>	<b>Pattern</b>
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		



**Polygon Number** 214  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 7/13/2004  
**Specific Location** Cleator Rd - Fragrant Lake trail

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 3  
**main canopy** 90  
**subcanopy** 5  
**Shrubs Total** 80  
**> 1.5' tall** 10  
**< 1.5' tall** 70  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 6  
**Forbs perennial** 5  
**Forbs annual** 1  
**Ferns - evergreen** 10  
**Ferns - deciduous** 3  
**Exotics Total** 1  
**Exotics perennial** 0  
**Exotics annual** 1  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 0  
**Moss-Lichen** 1  
**Litter** 99  
**Logging** 1  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 6  
**Development** 0  
**Wildlife** 0  
**Recreation Severity** 3  
**Recreation Type** 3  
**Hydrology** 1

### Exotic Species

**primary spp** Ranunculus repens  
**secondary spp** Geranium robertianum

### Plant Associations

	Percent	Pattern
1. PSME/GASH-HODI	100	1
2.		
3		

**Polygon Number** 215  
**Survey Intensity** 1  
  
**Observer** PM  
**Date** 10/14/2004  
**Specific Location** East of Cleator Road above SP gate

**Total Vegetation** 100  
**Trees Total** 85  
**emergent** 3  
**main canopy** 67  
**subcanopy** 15  
**Shrubs Total** 70  
**> 1.5' tall** 40  
**< 1.5' tall** 30  
**Graminoids Total** 4  
**Graminoids perennial** 3  
**Graminoids annual** 1  
**Forbs Total** 4  
**Forbs perennial** 3  
**Forbs annual** 1  
**Ferns - evergreen** 35  
**Ferns - deciduous** 2  
**Exotics Total** 2  
**Exotics perennial** 2  
**Exotics annual** 0  
**Rock Outcrop** 2  
**Gravel** 2  
**Bare Ground** 2  
**Moss-Lichen** 5  
**Litter** 91  
**Logging** 1  
**Stand Age** 2,3  
**Agriculture** 0  
**Livestock** 6  
**Development** 3  
**Wildlife** 0  
**Recreation Severity** 1  
**Recreation Type** 1  
**Hydrology** 1

### Exotic Species

**primary spp** Geranium robertianum  
**secondary spp** Plantago major

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 216  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W side of Cleator Rd in Park

**Total Vegetation** 100  
**Trees Total** 97  
**emergent** 15  
**main canopy** 73  
**subcanopy** 9  
**Shrubs Total** 65  
**> 1.5' tall** 38  
**< 1.5' tall** 27  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 1  
**Forbs perennial** 1  
**Forbs annual** 0  
**Ferns - evergreen** 18  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 3  
**Litter** 93  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	80	1
2. TSHE-PSME/POMU-DREX	17	2
3. PSME-TSHE/MANE	3	3

**Polygon Number** 218  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W side of Cleator Rd in Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 18  
**main canopy** 61  
**subcanopy** 16  
**Shrubs Total** 72  
**> 1.5' tall** 40  
**< 1.5' tall** 32  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 8  
**Ferns - deciduous** 1  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 0  
**Gravel** 0  
**Bare Ground** 2  
**Moss-Lichen** 5  
**Litter** 93  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. PSME-TSHE/GASH/POMU	100	1
2.		
3		

**Polygon Number** 219  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** W side of Cleator Rd in Park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	100	1
2.		
3		

**Polygon Number** 220  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

### Plant Associations

	Percent	Pattern
1. TSHE-PSME/POMU-DREX	90	1
2. PSME-TSHE/GASH/POMU	10	3
3		

**Polygon Number** 221  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** very eastern portion of park

**Total Vegetation** 99  
**Trees Total** 95  
**emergent** 9  
**main canopy** 75  
**subcanopy** 11  
**Shrubs Total** 13  
**> 1.5' tall** 7  
**< 1.5' tall** 6  
**Graminoids Total** 1  
**Graminoids perennial** 1  
**Graminoids annual** 0  
**Forbs Total** 2  
**Forbs perennial** 1  
**Forbs annual** 1  
**Ferns - evergreen** 42  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 0  
**Bare Ground** 3  
**Moss-Lichen** 4  
**Litter** 92  
**Logging** 2  
**Stand Age** 3  
**Agriculture** 0  
**Livestock** 0  
**Development** 0  
**Wildlife** 3  
**Recreation Severity** 0  
**Recreation Type** 0  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. PSME-TSHE/GASH/POMU	65	1
2. TSHE-PSME/POMU/DREX	25	2
3. PSME-TSHE/MANE/POMU	10	3

**Polygon Number** 222  
**Survey Intensity** 4  
  
**Observer** Hans  
**Date** 2/12/2005  
**Specific Location** Eastern portion of park

**Total Vegetation** 100  
**Trees Total** 98  
**emergent** 13  
**main canopy** 71  
**subcanopy** 14  
**Shrubs Total** 42  
**> 1.5' tall** 30  
**< 1.5' tall** 12  
**Graminoids Total** 2  
**Graminoids perennial** 1  
**Graminoids annual** 1  
**Forbs Total** 6  
**Forbs perennial** 4  
**Forbs annual** 2  
**Ferns - evergreen** 28  
**Ferns - deciduous** 2  
**Exotics Total**  
**Exotics perennial**  
**Exotics annual**  
**Rock Outcrop** 1  
**Gravel** 1  
**Bare Ground** 5  
**Moss-Lichen** 8  
**Litter** 85  
**Logging** 3  
**Stand Age** 2  
**Agriculture** 0  
**Livestock** 0  
**Development** 2  
**Wildlife** 3  
**Recreation Severity** 3  
**Recreation Type** 4  
**Hydrology** 1

### Exotic Species

primary spp  
 secondary spp

Plant Associations	Percent	Pattern
1. ALRU/POMU	65	1
2. TSHE-PSME/POMU-DREX	33	5
3. PSME-TSHE/GASH/POMU	2	3