

APPENDIX 2. Code, scientific, and common names of species used in this report.

Scientific name	Species Code	Common name
<i>Abies lasiocarpa</i>	ABIE LAS	subalpine fir
<i>Actaea rubra</i>	ACTA RUB	baneberry
<i>Agoseris</i> spp.	AGOS ERI	mountain-dandelions
<i>Agrostis</i> spp.	AGRO STI	bent grass
<i>Alnus incana</i> ssp. <i>tenuifolia</i>	ALNU INC2	mountain alder
<i>Amelanchier alnifolia</i>	AMEL ALN	Saskatoon
<i>Anaphalis margaritacea</i>	ANAP MAR	pearly everlasting
<i>Antennaria neglecta</i>	ANTE NEG	field pussytoes
<i>Aralia nudicaulis</i>	ARAL NUD	wild sarsaparilla
<i>Aster modestus</i>	ASTE MOD	great northern aster
<i>Athyrium filix-femina</i>	ATHY FIL	lady fern
<i>Betula papyrifera</i>	BETU PAP	paper birch
<i>Brachythecium</i> spp.	BRAC HYT	
<i>Calamagrostis canadensis</i>	CALA CAN	bluejoint
<i>Calamagrostis scribneri</i>	CALA SCR	Scribner's small reed grass
<i>Calliargon cordifolium</i>	CALL COR	
<i>Carex</i> spp.	CARE X	sedges
<i>Chimaphila umbellata</i>	CHIM UMB	pipsissewa
<i>Circaea alpina</i>	CIRC ALP	enchanter's nightshade
<i>Clintonia uniflora</i>	CLIN UNI	queen's cup
<i>Cornus canadensis</i>	CORN CAN	bunchberry
<i>Cornus sericea</i>	CORN SER	red-osier dogwood
<i>Corydalis sempervirens</i>	CORY SEM	pink corydalis
<i>Delphinium glaucum</i>	DELP GLA	pale larkspur
<i>Dicranum polysetum</i>	DICR POL	
<i>Disporum hookeri</i>	DISP HOO	Hooker's fairybells
<i>Dryopteris assimilis</i>	DRYO ASS	spiny wood fern
<i>Epilobium angustifolium</i>	EPIL ANG	fireweed
<i>Equisetum</i> spp.	EQUI SET	horsetails
<i>Equisetum arvense</i>	EQUI ARV	common horsetail
<i>Equisetum pratense</i>	EQUI PRA	meadow horsetail
<i>Equisetum sylvaticum</i>	EQUI SYL	wood horsetail
<i>Galium boreale</i>	GALI BOR	northern bedstraw
<i>Galium triflorum</i>	GALI TRF	fragrant bedstraw
<i>Geranium bicknellii</i>	GERA BIC	Bicknell's geranium
<i>Geum macrophyllum</i>	GEUM MAC	large-leaved avens
<i>Goodyera oblongifolia</i>	GOOD OBL	western rattlesnake plantain
<i>Gymnocarpium dryopteris</i>	GYMN DRY	oak fern
<i>Heracleum sphondylium</i>	HERA SPH	cow-parsnip
<i>Hieracium</i> spp.	HIER ACI	hawkweed
<i>Hieracium albiflorum</i>	HIER ALB	white-flowered hawkweed
<i>Hylocomium splendens</i>	HYLO SPL	step moss
<i>Lathyrus ochroleucus</i>	LATH OCH	creamy peavine
<i>Linnaea borealis</i>	LINN BOR	twinflower
<i>Lonicera involucrata</i>	LONI INV	black twinberry
<i>Lycopodium annotinum</i>	LYCO ANN	stiff club-moss
<i>Marchantia polymorpha</i>	MARC POL	
<i>Mitella nuda</i>	MITE NUD	stoloniferous mitrewort
<i>Mnium</i> spp.	MNIU M	leafy mosses
<i>Mnium medium</i>	MNIU MED	
<i>Mnium nudum</i>	MNIU NUD	
<i>Moneses uniflora</i>	MONE UNI	single delight
<i>Oplopanax horridus</i>	OPLO HOR	devil's club
<i>Orthilia secunda</i>	ORTH SEC	one-sided wintergreen
<i>Osmorhiza chilensis</i>	OSMO CHI	mountain sweet-cicely
<i>Peltigera aphthosa</i>	PELT APH	
<i>Petasites palmatus</i>	PETA PAL	sweet colt's-foot

APPENDIX 2. Code, scientific, and common names of species used in this report.
 — *Continued*

Scientific name	Species Code	Common name
<i>Picea glauca</i> x <i>engelmannii</i>	PICE ENE	hybrid white spruce
<i>Pinus contorta</i>	PINU CON	lodgepole pine
<i>Pleurozium schreberi</i>	PLEU SCH	red-stemmed feather moss
<i>Polytrichum</i> spp.	POLY TRI	haircap mosses
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	POPU BAL2	black cottonwood
<i>Populus tremuloides</i>	POPU TRE	trembling aspen
<i>Pseudotsuga menziesii</i>	PSEU MEN	Douglas-fir
<i>Ptilium crista-castrensis</i>	PTIL CRI	knight's plume
<i>Rhytidadelphus triquetrus</i>	RHYT TRI	
<i>Ribes lacustre</i>	RIBE LAC	black gooseberry
<i>Ribes laxiflorum</i>	RIBE LAX	trailing black currant
<i>Rosa acicularis</i>	ROSA ACI	prickly rose
<i>Rubus idaeus</i>	RUBU IDA	red raspberry
<i>Rubus parviflorus</i>	RUBU PAR	thimbleberry
<i>Rubus pedatus</i>	RUBU PED	five-leaved bramble
<i>Rubus pubescens</i>	RUBU PUB	trailing raspberry
<i>Salix</i> spp.	SALI X	willows
<i>Sambucus racemosa</i>	SAMB RAC	red elderberry
<i>Shepherdia canadensis</i>	SHEP CAN	soopolallie
<i>Smilacina racemosa</i>	SMIL RAC	false Solomon's-seal
<i>Smilacina stellata</i>	SMIL STE	star-flowered Solomon's-seal
<i>Sorbus scopulina</i>	SORB SCO	western mountain-ash
<i>Spiraea betulifolia</i>	SPIR BET	birch-leaved spirea
<i>Spiraea douglasii</i>	SPIR DOU	pink spirea
<i>Streptopus amlexifolius</i>	STRE AMP	clasping-leaved twistedstalk
<i>Streptopus roseus</i>	STRE ROS	rosy twistedstalk
<i>Taraxacum</i> spp.	TARA XAC	dandelions
<i>Tiarella trifoliata</i>	TIAR TRI	three-leaved foamflower
<i>Tiarella unifoliata</i>	TIAR UNI	unifoliolate-leaved foamflower
<i>Vaccinium membranaceum</i>	VACC MEM	black huckleberry
<i>Vaccinium myrtilloides</i>	VACC MYR	velvet-leaved blueberry
<i>Vaccinium ovalifolium</i>	VACC OVA	oval-leaved blueberry
<i>Valeriana sitchensis</i>	VALE SIT	Sitka valerian
<i>Veratrum viride</i>	VERA VIR	green false-hellebore
<i>Viburnum edule</i>	VIBU EDU	highbush-cranberry
<i>Viola</i> spp.	VIOL A	violets
<i>Viola glabella</i>	VIOL GLA	stream violet

APPENDIX 3. Species composition of seral ecosystems

TABLES

- 1 Cover and constancy of common and differentiating species in seral (<15 years since mechanically site prepared or burned) SBSj1 ecosystems
- 2 Cover and constancy of common and differentiating species in seral (<10 years since burned) SBSj1 ecosystems
- 3 Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSj1/06 (Queen's cup) ecosystems
- 4 Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSj1/01 (Oak fern) ecosystems
- 5 Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSj1/07 (Devil's club) ecosystems
- 6 Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSj1/08 (Horsetail) ecosystems

TABLE 1. Cover and constancy of common and differentiating species in seral (<15 years since mechanically site prepared or burned) SBSJ1 ecosystems

Ecosystem	SBSJ1/06	SBSJ1/01	SBSJ1/07	SBSJ1/08
Name	Queen's cup	Oak fern	Devil's club	Horse-tail
No. of Plots	15	18	12	12
Species Code	Constancy and Cover			
Trees				
PICE ENE	IV 2.6	IV 2.6	V 1.4	V 2.0
POPU TRE	IV 7.1	III 1.2	II 1.0	II 0.5
ABIE LAS	III 1.1	IV 2.0	II 0.4	II 0.4
PINU CON	III 1.2	II 1.3	I 0.0	
Shrubs				
RUBU IDA	IV 6.5	V 9.9	V 8.5	V 4.5
RIBE LAC	III 1.1	IV 1.6	V 4.1	V 1.9
RUBU PAR	IV 3.8	V 5.6	V 16.6	III 4.5
SALI X	IV 1.0	III 2.5	III 1.3	IV 1.8
RIBE LAX	III 1.3	IV 2.0	IV 2.0	III 0.8
LONI INV	III 2.4	V 4.5	V 5.1	V 7.3
VACC MEM	III 1.3	V 1.3	III 1.0	III 0.3
SPIR BET	IV 6.4	III 0.9	II 0.9	II 0.4
SAMB RAC	II 0.7	IV 1.5	III 0.8	III 0.6
VIBU EDU	II 0.4	II 0.4	IV 0.9	II 0.3
OPLO HOR	I 0.0	I 0.1	IV 1.7	I 0.0
CORN SER	I 0.3	I 0.1	III 4.5	II 0.5
ROSA ACI	II 2.4	II 0.2	II 1.4	IV 2.3
ALNU INC 2	I 0.0	I 0.0	II 2.8	III 2.2

Key to Presence Classes

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

Ecosystem	SBSJ1/06	SBSJ1/01	SBSJ1/07	SBSJ1/08
Name	Queen's cup	Oak fern	Devil's club	Horse-tail
No. of Plots	15	18	12	12
Species Code	Constancy and Cover			
Herbs				
EPIL ANG	V 29.2	V 40.0	V 28.1	V 28.1
CORN CAN	V 6.4	V 4.3	IV 4.0	V 1.3
CALA CAN	III 1.1	IV 1.4	III 2.4	V 4.6
TARA OFF	IV 0.3	III 0.5	II 0.2	III 0.1
CARE X	III 4.1	III 0.6	I 0.1	III 1.7
RUBU PED	III 1.4	IV 2.4	II 1.5	II 0.6
LINN BOR	III 3.5	IV 1.0	II 0.9	I 0.2
STRE ROS	III 0.5	IV 0.9	II 0.3	I 0.2
CLIN UNI	III 1.0	III 0.2	II 0.4	I 0.0
VERA VIR	I 0.0	III 0.4	III 0.5	I 0.4
GYMN DRY	II 0.4	V 2.9	V 8.8	IV 2.0
TIAR TRI	II 0.9	V 2.3	V 4.0	III 0.5
GALI TRF	II 0.2	III 0.2	V 1.4	V 1.1
EQUI SYL	II 0.1	I 1.1	III 1.7	IV 4.9
EQUI ARV	I 0.1	II 1.6	III 3.1	III 4.2
ATHY FIL		II 0.2	III 0.5	III 1.6
ANAP MAR	III 0.6	II 0.7	II 1.0	II 0.2
HIER ALB	III 1.1	II 0.5	I 0.0	I 0.1
ACTA RUB	I 0.1	I 0.1	IV 0.8	II 0.3
DISP HOO	I 0.7	I 0.1	III 0.3	I 0.0
PETA PAL	II 0.5	II 1.1	II 0.3	III 2.8
RUBU PUB	I 0.2	II 0.1	II 0.2	III 1.5
VIOL A	I 0.0	II 0.1	II 0.2	III 0.6
EQUI PRA	I 0.1		I 1.3	III 2.9
Mosses				
POLY JUN	IV 25.8	III 15.8	III 9.0	III 6.7
PLEU SCH	II 2.8	III 3.0	III 4.2	III 5.6
PTIL CRI	II 0.1	II 2.1	III 3.4	III 5.3
MNIU M			III 2.6	III 3.0

TABLE 2. Cover and constancy of common and differentiating species in seral (<10 years since burned) SBSj1 ecosystems

Ecosystem	SBSJ1/06	SBSJ1/01	SBSJ1/07	SBSJ1/08
Name	Queen's cup	Oak fern	Devil's club	Horse-tail
No. of Plots	11	8	8	6
Species Code	Constancy and Cover			
Trees				
PICE ENE	IV 2.2	IV 3.1	IV 0.6	V 0.4
POPU TRE	V 2.0	II 0.6	II 1.3	I 0.2
PINU CON	III 0.7	II 2.1		
Shrubs				
RUBU IDA	V 7.5	V 9.6	V 5.7	V 3.3
RUBU PAR	IV 4.5	V 9.4	V 19.4	III 0.7
RIBE LAC	IV 1.3	V 0.9	V 3.5	IV 0.5
ROSA ACI	III 2.2	II 0.1	II 0.9	V 1.4
SALI X	IV 0.8	II 2.3	II 1.3	III 0.7
VIBU EDU	III 0.5	II 0.3	IV 1.3	II 0.2
SPIR BET	III 4.6	III 1.6	II 1.1	I 0.2
RIBE LAX	III 1.7	III 4.0	IV 2.8	II 0.4
SAMB RAC	II 0.9	IV 2.2	III 1.0	I 0.8
VACC MEM	II 0.8	V 1.0	III 1.3	II 0.2
LONI INV	II 2.6	IV 2.5	IV 4.4	V 3.7
SORB SCO	I 0.2	III 0.5	II 0.1	III 0.4
OPLO HOR	I 0.1	I 0.1	IV 1.5	I 0.0
CORN SER	I 0.1	II 0.2	IV 3.4	II 0.6
ALNU INC 2	I 0.0		II 4.0	III 2.0

Key to Presence Classes

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

Ecosystem	SBSJ1/06	SBSJ1/01	SBSJ1/07	SBSJ1/08
Name	Queen's cup	Oak fern	Devil's club	Horse-tail
No. of Plots	11	8	8	6
Species Code	Constancy and Cover			
Herbs				
EPIL ANG	V 30.3	V 36.3	V 18.4	V 24.6
CORN CAN	V 6.4	V 3.3	IV 3.9	V 0.6
CARE X	III 5.5	IV 1.0	II 0.1	V 1.3
CLIN UNI	III 0.4	IV 0.3	II 0.6	I 0.0
STRE ROS	III 0.6	IV 0.6	I 0.0	
TIAR TRI	II 1.0	V 3.1	V 3.6	II 0.2
VERA VIR	I 0.1	IV 0.3	IV 0.6	I 0.3
GYMN DRY	I 0.5	IV 2.2	V 4.1	III 0.4
GALI TRF	II 0.2	III 0.2	IV 1.0	V 0.4
EQUI SYL	II 0.1	II 2.5	IV 2.4	III 5.8
LINN BOR	II 2.6	IV 0.7	I 0.6	
RUBU PED	II 0.3	IV 2.5	II 0.6	I 0.1
VALE SIT	I 0.3	IV 0.4	I 0.1	II 0.3
ACTA RUB	I 0.1	II 0.1	IV 1.0	I 0.2
EQUI ARV	I 0.2	I 0.1	IV 3.6	II 6.3
DISP HOO	I 0.8	II 0.3	III 0.4	II 0.0
ARAL NUD	I 1.0	II 1.0	III 0.2	
CALA CAN	III 1.2	III 0.9	III 3.6	V 3.6
PETA PAL	II 0.6	II 0.3	I 0.1	IV 3.3
RUBU PUB	I 0.2	I 0.1	II 0.2	IV 1.1
GALI BOR	I 0.7		I 0.0	III 0.9
EQUI PRA	I 0.2		I 0.1	III 5.7
Mosses				
POLY JUN	IV 24.5	II 2.5	II 1.3	III 1.8
MNIU M			III 1.3	II 0.2

TABLE 3. Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared and burned) SBSj1/06 (Queen's cup) ecosystems

SBSJ1/06 Queen's cup Ecosystem				
Stage Treatment	Mature	Serai		
No. of Plots	26	Mechan.	Burned	
		3	11	
Type	Species code	Constancy and Cover		
Trees				
B				
cc	PICE ENE	V 12.4	IV 1.7	IV 2.2
cc	ABIE LAS	V 12.3	V 3.0	II 0.7
cc	PINU CON	V 11.5	IV 1.7	III 0.7
C				
sc	POPU TRE	II 1.0	IV 24.2	V 2.0
	POPU BAL		II 1.0	III 0.2
Shrubs				
A				
	RUBU PAR	III 3.6	V 1.8	IV 4.5
	LONI INV	IV 0.9	IV 2.2	III 2.6
	RIBE LAC	IV 0.4	IV 0.7	III 1.3
	AMEL ALN	II 0.3	IV 3.5	II 0.4
	CORN SER	II 0.2	IV 1.0	I 0.1
	ROSA ACI	III 1.1	II 4.0	III 2.2
B				
	VACC MEM	V 11.5	V 2.7	II 0.8
	SORB SCO	IV 0.5	IV 0.7	I 0.2
	VIBU EDU	III 0.7		III 0.5
C				
sc	SPIR BET	IV 1.8	V 8.5	III 4.6
	SAMB RAC	I 0.0	IV 0.4	II 0.9
	RUBU IDA		V 5.0	V 7.5
	SALI X		II 0.7	IV 0.8
	RIBE LAX		II 0.2	III 1.7

SBSJ1/06 Queen's cup Ecosystem				
Stage Treatment	Mature	Serai		
No. of Plots	26	Mechan.	Burned	
		3	11	
Type	Species code	Constancy and Cover		
Herbs				
A				
cc	LINN BOR	IV 2.4	IV 2.7	II 3.6
	CLIN UNI	V 2.5	IV 3.3	III 0.4
	TIAR TRI	III 0.7	II 0.7	II 1.0
	SMIL RAC	III 0.6	II 0.2	II 0.1
B				
cc,sc	CORN CAN	V 20.0	IV 6.8	V 6.4
	RUBU PED	IV 4.6	IV 5.3	II 0.3
	GYMN DRY	IV 2.8	V 0.4	I 0.5
	ARAL NUD	IV 2.9	IV 3.7	I 1.0
	ORTH SEC	IV 0.6	II 0.7	II 0.1
	LYCO ANN	IV 5.5	II 0.0	I 0.1
	STRE ROS	IV 3.1		III 0.6
C				
sc	EPIL ANG	III 0.1	V 28.5	V 30.3
	CALA CAN	I 0.1	IV 0.5	III 1.2
	CARE X		II 0.2	III 5.5
	HIER ALB		IV 0.7	III 0.4
	TARA OFF		IV 0.1	IV 0.4
	ANAP MAR		IV 0.1	II 0.6
Mosses				
B				
cc	PTIL CRI	V 38.3	V 0.4	I 0.1
cc	PLEU SCH	V 32.3	V 8.4	II 1.5
	HYLO SPL	III 5.3	II 0.0	I 0.0
	RHYT TRI	III 8.2		
C				
	POLY JUN	I 0.0	IV 12.3	IV 24.5

Key to Table

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

- A Species that have similar constancy and cover in climax and seral stages.
- B Species that appear to decline in constancy and/or cover after logging and site preparation.
- C Species that appear to increase in constancy and/or cover or to invade after logging and site preparation.
- cc climax constant - present in more than 80% of the plots in a climax ecosystem.
- sc seral constant - present in more than 80% of the plots in a seral ecosystem.

TABLE 4. Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSJ1/01 (Oak fern) ecosystems

SBSJ1/01 Oak fern Ecosystem					
Stage		Mature	Serai		
Treatment			Mechan.	Burned	
No. of Plots		47	9	8	
Type	Species Code	Constancy and Cover			
Trees					
B					
cc	PICE ENE	V 21.7	V 2.1	IV 3.1	
cc	ABIE LAS	V 15.7	IV 0.5	II 3.8	
	PINU CON	III 3.4	III 0.6	II 2.1	
C					
	POPU TRE	I 0.2	III 1.9	II 0.6	
Shrubs					
A					
sc	RUBU PAR	IV 4.3	V 2.8	V 9.4	
cc,sc	LONI INV	V 4.9	V 6.8	IV 2.5	
cc	RIBE LAC	V 1.8	IV 2.4	V 0.9	
cc,sc	VACC MEM	V 7.2	V 1.6	V 1.0	
	SORB SCO	III 0.2	II 0.3	III 0.5	
B					
	VIBU EDU	IV 1.1	II 0.6	II 0.3	
	VACC OVA	III 2.6	II 0.3	II 0.0	
	AMEL ALN	III 0.3			
C					
sc	RUBU IDA	I 0.1	V 11.2	V 9.6	
	RIBE LAX		IV 0.5	III 4.0	
	SAMB RAC	I 0.0	IV 1.1	IV 2.2	
	SALI X		IV 1.9	II 2.3	
	SPIR BET	II 0.5	II 0.4	III 1.6	

SBSJ1/01 Oak fern Ecosystem					
Stage		Mature	Serai		
Treatment			Mechan.	Burned	
No. of Plots		47	9	8	
Type	Species Code	Constancy and Cover			
Herbs					
A					
sc	TIAR TRI	IV 3.6	V 2.0	V 3.1	
	LINN BOR	III 1.3	IV 1.2	IV 0.7	
	GALI TRF	III 0.1	III 0.1	III 0.2	
B					
cc,sc	GYMN DRY	V 25.4	V 3.6	IV 2.2	
cc,sc	CORN CAN	V 12.6	V 5.4	V 3.3	
cc	RUBU PED	V 7.3	V 2.5	IV 2.5	
cc	STRE ROS	V 4.8	IV 1.3	IV 0.6	
	CLIN UNI	IV 1.0	II 0.2	IV 0.3	
	VERA VIR	IV 1.2	II 0.2	IV 0.6	
	SMIL RAC	III 0.5	I 0.1	II 0.1	
	STRE AMP	III 0.4	II 0.1	II 0.1	
	LYCO ANN	V 4.2	II 0.5	II 0.1	
	DRYO ASS	III 3.0	II 0.3	I 0.1	
	ARAL NUD	III 2.7	II 0.1	II 1.0	
	TIAR UNI	III 0.9		I 0.1	
	ORTH SEC	IV 0.4			
C					
sc	EPIL ANG	II 0.1	V 43.3	V 36.3	
	CALA CAN	I 0.0	IV 2.0	III 0.9	
	VALE SIT		II 0.2	IV 0.4	
	HIER ALB		III 0.8	II 0.3	
	TARA OFF		III 0.2	II 0.1	
Mosses					
A					
cc	PTIL CRI	V 29.4	II 3.3	I 1.0	
cc	PLEU SCH	V 17.0	IV 4.5	II 1.8	
	HYLO SPL	IV 11.8	I 0.0		
	RHYT TRI	IV 6.2	I 1.3		
B					
	POLY JUN	I 0.0	IV 28.2	II 2.5	

Key to Table

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

- A Species that have similar constancy and cover in climax and seral stages.
- B Species that appear to decline in constancy and/or cover after logging and site preparation.
- C Species that appear to increase in constancy and/or cover or to invade after logging and site preparation.
- cc climax constant - present in more than 80% of the plots in a climax ecosystem.
- sc seral constant - present in more than 80% of the plots in a seral ecosystem.

TABLE 5. Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared or burned) SBSJ1/07 (Devil's club) ecosystems

SBSJ1/07 Devil's club Ecosystem				
Stage		Mature	Seral	
Treatment			Mechan.	Burned
No. of Plots		18	4	8
Type	Species Code	Constancy and Cover		
Trees				
B				
cc,sc	PICE ENE	V 15.2	V 3.0	IV 0.6
cc	ABIE LAS	V 15.8	III 1.0	II 0.2
Shrubs				
A				
	SAMB RAC	III 0.8	III 0.4	III 1.0
	VIBU EDU	III 0.6	III 0.3	IV 1.3
B				
cc	OPLO HOR	V 30.4	IV 2.0	IV 1.5
	VACC MEM	IV 3.1	II 0.5	III 1.3
	VACC OVA	III 3.7	II 0.1	II 1.3
C				
cc,sc	RUBU PAR	V 4.5	V 11.0	V 19.4
cc,sc	RIBE LAC	V 1.4	V 5.3	V 3.5
sc	LONI INV	IV 1.5	V 6.5	IV 4.4
sc	RUBU IDA	IV 0.3	V 14.0	V 5.7
	RIBE LAX	I 0.1	IV 0.5	IV 2.8
	CORN SER	II 0.1	III 6.5	IV 3.4
	SALI X		IV 1.4	II 1.3

SBSJ1/07 Devil's club Ecosystem				
Stage		Mature	Seral	
Treatment			Mechan.	Burned
No. of Plots		18	4	8
Type	Species Code	Constancy and Cover		
Herbs				
A				
cc,sc	TIAR TRI	V 5.7	V 4.8	V 3.6
sc	GALI TRF	IV 0.4	V 2.3	IV 1.0
	CLIN UNI	III 0.2	II 0.0	II 0.6
	VIOL A	III 0.3	II 0.3	II 0.1
	EQUI SYL	III 2.0	II 0.3	IV 2.4
	ACTA RUB	III 0.2	II 0.5	IV 1.0
	VERA VIR	III 0.9	II 0.3	IV 0.6
	DISP HOO	II 0.8	II 0.3	III 0.4
	ARAL NUD	II 1.2		III 0.2
B				
cc	CORN CAN	V 10.1	IV 4.0	IV 3.9
cc,sc	GYMN DRY	V 24.8	V 18.0	V 4.1
cc	RUBU PED	V 5.5	III 3.3	II 0.6
cc	DRYO ASS	V 8.2	II 1.0	II 0.1
cc	STRE ROS	V 4.0	III 0.9	I 0.0
	ATHY FIL	IV 6.8	III 1.0	II 0.2
cc	STRE AMP	V 0.5	III 0.4	II 0.1
	SMIL RAC	IV 2.5	III 0.4	II 0.1
	LYCO ANN	IV 1.8		II 0.1
	TIAR UNI	III 1.3		II 0.1
	ORTH SEC	IV 0.2		
C				
sc	EPIL ANG	I 0.0	V 47.5	V 18.4
	EQUI ARV	II 0.1	III 2.0	IV 3.6
	CALA CAN		II 0.0	III 3.6
Mosses				
B				
cc	PTIL CRI	V 7.6	IV 6.3	II 1.9
	PLEU SCH	IV 5.2	IV 6.3	II 3.2
	HYLO SPL	III 12.0		
	RHYT TRI	IV 10.1	II 0.8	
C				
	POLY JUN	I 0.1	IV 24.5	II 1.3
	MNIU M	II 1.8	III 5.3	III 1.3

Key to Table

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

- A Species that have similar constancy and cover in climax and seral stages.
- B Species that appear to decline in constancy and/or cover after logging and site preparation.
- C Species that appear to increase in constancy and/or cover or to invade after logging and site preparation.
- cc climax constant - present in more than 80% of the plots in a climax ecosystem.
- sc seral constant - present in more than 80% of the plots in a seral ecosystem.

TABLE 6. Cover and constancy of common species in mature and seral (<10 years since mechanically site prepared and burned) SBSj1/08 (Horsetail) ecosystems

SBSJ1/08 Horsetail Ecosystem				
Stage Treatment		Mature	Seral	
No. of Plots		13	Mechan. 4	Burned 6
Type	Species Code	Constancy and Cover		
Trees				
B				
cc,sc	PICE ENE	V 22.4	V 2.3	V 0.4
cc	ABIE LAS	V 10.1	IV 1.3	
Shrubs				
A				
cc,sc	LONI INV	V 7.2	IV 11.3	V 3.7
cc,sc	RIBE LAC	V 2.2	V 3.5	IV 0.5
	ALNU INC 2	III 4.6	IV 0.5	III 2.0
B				
	VACC MEM	IV 0.9	IV 0.8	II 0.2
	VIBU EDU	IV 1.4	III 0.5	II 0.2
	OPLO HOR	IV 10.1		I 0.0
C				
sc	RUBU IDA	III 0.3	IV 7.5	V 3.3
	ROSA ACI	II 1.7	II 3.0	V 1.4
	RUBU PAR	II 0.6	IV 12.0	III 0.7
	SALI X	I 0.2	IV 1.6	III 0.7
	SAMB RAC	II 0.2	V 0.6	I 0.8
	RIBE LAX		V 1.6	II 0.4

SBSJ1/08 Horsetail Ecosystem				
Stage Treatment		Mature	Seral	
No. of Plots		13	Mechan. 4	Burned 6
Type	Species Code	Constancy and Cover		
Herbs				
B				
cc	EQUI SYL	V 5.9	V 4.5	III 5.8
cc	GYMN DRY	V 9.3	IV 4.5	III 0.4
cc,sc	CORN CAN	V 10.8	V 1.8	V 0.6
cc	EQUI ARV	V 16.5	IV 2.3	II 6.3
	ATHY FIL	IV 4.0	IV 2.8	II 0.4
cc	TIAR TRI	V 2.4	V 1.4	II 0.2
	RUBU PUB	IV 2.0	II 1.8	IV 1.1
	VIOL A	III 0.7	II 0.3	III 0.1
cc	RUBU PED	V 4.0	II 0.5	I 0.1
	MITE NUD	III 1.3	II 0.3	II 0.1
	LINN BOR	III 0.5	II 0.3	
	STRE ROS	III 1.7	II 0.5	
	LYCO ANN	III 0.5	II 0.0	
	ARAL NUD	III 2.0	II 0.0	
	SMIL RAC	III 0.0	II 0.5	
cc	STRE AMP	V 0.6		I 0.0
	DRYO ASS	IV 2.7		II 0.0
	TIAR UNI	III 1.6		I 0.1
	ORTH SEC	IV 0.1		
C				
	CALA CAN	III 0.7	IV 4.3	V 3.6
	GALI TRF	III 0.2	V 1.5	V 0.4
	EPIL ANG	II 0.1	V 43.3	V 24.6
	PETA PAL	II 0.2	II 0.5	IV 3.3
	CARE X		II 0.5	I 0.3
	EQUI PRA		II 0.1	III 5.7
	ASTE MOD		II 0.3	III 2.6
	TARA OFF		III 0.0	III 0.1
	HERA SPH	I 0.1		III 0.9
	GALI BOR	II 0.1		III 0.9
	DELP GLA			III 0.2
Mosses				
B				
cc	PTIL CRI	V 10.8	V 4.5	I 0.0
cc	PLEU SCH	V 9.4	IV 6.8	I 0.1
	HYLO SPL	IV 20.2		
C				
	MNIU M		III 3.8	II 0.2
	POLY JUN		IV 10.0	III 1.8
	MARC POL			III 2.8

Key to Table

Presence Class	Per cent Presence
I	0-20
II	21-40
III	41-60
IV	61-80
V	81-100

- A Species that have similar constancy and cover in climax and seral stages.
- B Species that appear to decline in constancy and/or cover after logging and site preparation.
- C Species that appear to increase in constancy and/or cover or to invade after logging and site preparation.
- cc climax constant - present in more than 80% of the plots in a climax ecosystem.
- sc seral constant - present in more than 80% of the plots in a seral ecosystem.

APPENDIX 4. Distribution of detailed plots by ecosystem, year, and treatment type

Years since dist.	Ecosystem association															
	06				01				07				08			
	T	B	M	U	T	B	M	U	T	B	M	U	T	B	M	U
1	-	-	-	-	3	3	-	-	4	2	2	-	2	2	-	-
2	2	2	-	-	-	-	-	-	1	1	-	-	1	-	1	-
3	2	2	-	-	3	2	1	-	1	1	-	-	2	2	-	-
4	4	2	2	-	5	2	3	-	3	2	1	-	2	2	-	-
5	-	-	-	-	3	-	2	1	1	-	-	1	2	-	1	1
6	1	1	-	-	2	-	2	-	2	2	-	-	1	-	1	-
7	2	1	1	-	-	-	-	-	1	-	1	-	2	-	1	1
8	1	1	-	-	1	-	1	-	-	-	-	-	-	-	-	-
9	2	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
12	1	-	-	1	-	-	-	-	1	-	-	1	2	-	1	1
13	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Total	16	12	3	1	20	9	9	2	14	8	4	2	15	6	6	3

T = total, B = burned, M = mechanically treated, U = untreated

APPENDIX 5. Vegetation composition of burned seral SBSj1 ecosystems

TABLES

- 1 Vegetation composition of the seral (<25 years since burned) SBSj1/06 (Queen's cup) ecosystem
- 2 Vegetation composition of the seral (<17 years since burned) SBSj1/01 (Oak fern) ecosystem
- 3 Vegetation composition of the seral (<7 years since burned) SBSj1/07 (Devil's club) ecosystem
- 4 Vegetation composition of the seral (<5 years since burned) SBSj1/08 (Horsetail) ecosystem

TABLE 2. Vegetation composition of the seral (<17 years since burned) SBSj1/01 (Oak fern) ecosystem

Years Since Burned		Burned SBSj1/01 Oak fern Ecosystem - Includes Prince George Seral Data																				
Plot Number	Average Value	1			3			4			9			12		13		14		15		
		822 9118	822 9138	822 9140	822 9144	822 9145	820 8873	822 9153	822 9131	H13 F 2A	H13 F 2	J1A 6	B20 5871	G16 H38	H13 F10	G16 15A	G16 15D	G16 13B	H13 F12	G16 H118		
No. of Species Per Plot	26.2	23	30	30	29	29	41	33	28	19	18	12	36	36	28	20	17	21	22	25		
Species Code	%P	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C	%C		
B1 Layer																						
PICE ENE	5.3	0.4																				
B2 Layer																						
RUBU PAR	84.2	4.4	25	15	15	5	10	.5	5													
LONI INV	78.9	4.3	.1		1	1	5	10	5													
POPU TRE	68.4	5.4	3																			
RIBE LAC	68.4	0.6	.1																			
VIBU EDU	63.2	1.9	.5																			
PICE ENE	57.9	2.6																				
RUBU IDA	47.4	4.1	.1		1	1	5	5	10	5	50											
SPIR DOU	47.4	2.0																				
ROSA ACI	47.4	0.7			.5	.5																
AMEL ALN	47.4	0.5																				
RIBE LAX	42.1	1.9																				
PINU CON	42.1	1.1			.1																	
SAMB RAC	42.1	1.0																				
SPIR BET	42.1	0.9																				
VACC MEM	42.1	0.5																				
BETU PAP	36.8	2.1																				
SALI X	36.8	1.9																				
ABIE LAS	26.3	1.7																				
SORB SCO	26.3	0.3			.5	.5																
ALNU VIR 2	15.8	0.3																				
ALNU VIR	15.8	0.1																				
VACC OVA	15.8	0.1																				
PSEU MEN7	10.5	0.1																				
CORN SER	10.5	0.1																				
ACER GLA	10.5	0.1	.5																			
TSUG HET	10.5	0.1																				
C Layer																						
EPIL ANG	100.0	25.5	20	.5	5	20	40	75	65	65	20	20	40	10	10	10	10	10	10	50		
CORN CAN	89.5	2.3	1	1	1	3	5	5	5	2	10	10	5	5	5	5	5	5	5	40		
TARA OFF	68.4	3.5																		5		
GYMN DRY	68.4	2.0	.5																	5		
CLIN UNI	63.2	1.6	.1																	5		
CALA CAN	52.6	2.6																		5		
PETA PAL	52.6	1.1	1																	5		
ARAL NJD	52.6	0.8	.5																	5		
STRE ROS	52.6	0.5																		5		
EQUI SYL	47.4	1.4																		5		
TIAR TRI	42.1	1.3	.5																	5		
LINN BOR	42.1	0.4																		5		
VERA VIR	36.8	0.3																		5		
SMIL RAC	36.8	0.2																		5		
RUBU PED	31.6	1.1																		5		
RUBU PUB	31.6	0.7																		5		
CARE X	31.6	0.4																		5		
VIOL A	31.6	0.1	.1																	5		
ATHY FIL	26.3	0.7																		5		
ASTE CIL	26.3	0.2																		5		
VALE SIT	26.3	0.2																		5		
GALI TRF	26.3	0.1																		5		
PYRO ASA	21.1	0.2																		5		
DISP HQD	21.1	0.2	.5																	5		
POAC EAE	21.1	0.1	.5																	5		
AGOS ERI	15.8	4.3																		5		
GERA BIC	15.8	1.4	3																	5		
CORY SEM	15.8	0.4	5																	5		
HIER ALB	15.8	0.2																		5		
MAIA CAN	15.8	0.1																		5		
STRE AMP	15.8	0.1																		5		
LYCO ANN	15.8	0.1																		5		
AGRO STI	10.5	0.9																		5		
ANTE MIC	10.5	0.9																		5		
HIER PIL	10.5	0.6																		5		
ANAP MAR	10.5	0.2																		5		
ASTE CON	10.5	0.1																		5		
EPIL WAT	10.5	0.1																		5		
EQUI ARV	10.5	0.1																		5		
SMIL STE	10.5	0.1																		5		
ARNI CDR	10.5	0.1																		5		
ACTA RUB	10.5	0.1																		5		
OSMD CHI	10.5	0.1																		5		
TIAR UNI	10.5	0.1	.5																	5		
D Layer																						
POLY JUN	15.8	1.6																				
PLEU SCH	10.5	0.7																				
TORT ULA	5.3	3.9																				
DICR ANU	5.3	2.1																				
PTIL CRI	5.3	0.4																				
SPHA GNU	5.3	0.3																				

In reconnaissance plots a + indicates the species was present. Although the cover is not recorded it may be significant. Cover of dominant species is indicated.

TABLE 3. Vegetation composition of the seral (<7 years since burned) SBSj1/07 (Devil's club) ecosystem

Years Since Burned	Burned SBSj1/07 Devil's Club Ecosystem											
	Average Value		1		2		3		4		6	
Plot Number			822 9119	822 9137	820 5892	822 9194	822 9116	822 9191	822 9115	822 9121		
No. of Species Per Plot	0.0		28	36	21	35	36	28	31	25		
Species Code	%P	MC	%C	%C	%C	%C	%C	%C	%C	%C		
B1 Layer												
ALNU INC 2	25.0	3.4								25	2	
SALI X	25.0	0.9				1				6		
POPU TRE	12.5	0.6					5					
POPU BAL	12.5	0.3								2		
ABIE LAS	12.5	0.1				1						
B2 Layer												
RIBE LAC	100.0	3.5	.5	.5	.5	5	10	10	.5		1	
RUBU PAR	87.5	19.4	40	10		10	25	10	10	10	30	
RUBU IDA	87.5	5.7		.5	3	10	1	10	1		20	
LONI INV	75.0	4.4	1	1	1	10	4	18				
OPLO HOR	75.0	1.5	3	.5		.5	5			2	1	
VIBU EDU	75.0	1.3	.5	.5		2	1	4			2	
PICE ENE	75.0	0.6		.5		1	1	5	1		.5	
CORN SER	62.5	3.4	.5	1		5	15				6	
RIBE LAX	62.5	2.8			1	3		3	5		10	
VACC MEM	50.0	1.3		.5	5	2		3				
SAMB RAC	50.0	1.0			.5			.5	5		2	
SPIR BET	37.5	1.1	5	3		1						
ROSA ACI	37.5	0.9	1	1							5	
ALNU INC 2	25.0	1.3	.5						10			
VACC OVA	25.0	1.3				8		2				
POPU TRE	25.0	1.0		5			3					
SALI X	25.0	0.8							6		.5	
AMEL ALN	25.0	0.5				3		1				
SORB SIT	25.0	0.5				3		1				
ABIE LAS	25.0	0.1				.5		.5				
SORB SCD	25.0	0.1	.5	.5								
SPIR DOU	12.5	1.9			15							
C Layer												
EPIL ANG	100.0	18.4	2	.5	15	15	20	15	15	15	65	
GYMN DRY	100.0	4.1	.1	.5	1	15	5	8	3		.5	
TIAR TRI	100.0	3.6	.1	1	.5	10	2	15	.5		.1	
CDRN CAN	75.0	3.9	2	1	3	10		15	.5			
GALI TRF	75.0	1.0	.5			3	3	1	.5		.1	
VERA VIR	75.0	0.6	.5	.5	.1	1	.5	2				
EQUI ARV	62.5	3.6	2	.1		1			25		1	
EQUI SYL	62.5	2.4	3		5			1	5		5	
ACTA RUB	62.5	1.0	5	.5		1	1	.5				
CALA CAN	50.0	3.6			25	.5		3	.5			
DISP HOO	50.0	0.4	.5	.5			2				.1	
ARAL NUD	50.0	0.2		.5		.5	.5				.1	
CLIN UNI	37.5	0.6		.5		3	1					
POAC EAE	37.5	0.4					2		.5		1	
ATHY FIL	37.5	0.2			.5			.5	.5			
VIOL A	37.5	0.1	.1	.1			1					
TIAR UNI	37.5	0.1	.1	.1			1				.1	
CDRY SEM	37.5	0.1	.1	.5	.5							
ARUN DIO	25.0	3.0					4		20			
GERA BIC	25.0	0.7	5	.5								
RUBU PED	25.0	0.6		.1					5			
RUBU PUB	25.0	0.2	1	.5								
OSMO CHI	25.0	0.1	.5	.5								
LYCO ANN	25.0	0.1		.5		.3						
ANTE NEG	25.0	0.1			.1				.5		.1	
DRYG ASS	25.0	0.1						.5				
MITE NUD	25.0	0.1		.1				.5				
SMIL RAC	25.0	0.1		.1				.5				
STRE AMP	25.0	0.1					.1		.5			
LINN BOR	12.5	0.6							5			
ARNI COR	12.5	0.5	4									
ASTE CON	12.5	0.5	4									
TARA OFF	12.5	0.3									2	
AGRO STI	12.5	0.1					1					
AQUI FOR	12.5	0.1						1				
EQUI PRA	12.5	0.1										
PETA PAL	12.5	0.1		1							1	
VALE SIT	12.5	0.1				1						
D Layer												
MNIU M	50.0	1.3			.5	5	.1		5			
PLEU SCH	37.5	3.2				10	.5	15				
PTIL CRI	37.5	1.9				5	.5	10				
PDLY JUN	37.5	1.3				8						
MARC POL	37.5	0.3			.5		.5			1		
TORT ULA	12.5	1.9					15					
BRYU M	12.5	1.3						10				
BRAC HYL	12.5	0.6				5						
BRAC HYT	12.5	0.1					1					

TABLE 4. Vegetation composition of the seral (<5 years since burned) SBSj1/08 (Horsetail) ecosystem

Years Since Burned	Burned SBSJ1/08 Horsetail Ecosystem							
	Average Value	1		3		4		
Plot Number		822 9122	822 9139	820 5894	820 5893	822 9123	822 9136	
No. of Species Per Plot	0.0	22	31	19	20	28	42	
Species Code	%P MC	%C	%C	%C	%C	%C	%C	
B1 Layer								
ALNU INC 2	16.7 0.2						1	
B2 Layer								
LONI INV	100.0 3.7	1	5	7	5	2	2	
RUBU IDA	100.0 3.3	2	1	.5	15	.5	.5	
ROSA ACI	100.0 1.4	.5	2	4	.5	.5	1	
PICE ENE	100.0 0.4	.5	.5	.5	.5	.5	.1	
RIBE LAC	66.7 0.5		.5		1	1	.5	
ALNU INC 2	50.0 1.9		.5		1		10	
RUBU PAR	50.0 0.7			.5	3		.5	
SALI X	50.0 0.7		1			2	1	
CORN SER	33.3 0.6	.5					3	
RIBE TRI	33.3 0.5					1	2	
RIBE LAX	33.3 0.4			.5	2			
VACC MEM	33.3 0.2		.5	.5				
VIBU EDU	33.3 0.2			.5	.5			
SAMB RAC	16.7 0.8				5			
POPU TRE	16.7 0.2	1						
SPIR BET	16.7 0.2		1					
C Layer								
EPIL ANG	100.0 24.6	50	.5	50	2	30	15	
CALA CAN	100.0 3.6	.5	10	5	.1	3	3	
CORN CAN	83.3 0.6		.5	1	1	.5	.5	
GALI TRF	83.3 0.4		.5	.1	1	.5	.5	
PETA PAL	66.7 3.3	1	15			2	2	
RUBU PUB	66.7 1.1	.5	5		.1		1	
POAC EAE	66.7 0.3	.5	.1		.1		1	
VIOL A	66.7 0.1		.5	.1		.1	.1	
EQUI SYL	50.0 5.8				5	.1	30	
EQUI PRA	50.0 5.7	30	2			2		
ASTE MOD	50.0 2.6	.5				10	5	
GALI BOR	50.0 0.9	.1	.5			5		
HERA SPH	50.0 0.9	.5	3			2		
GYMN DRY	50.0 0.4		.5	1			1	
DELP GLA	50.0 0.2	.1				1	.1	
TARA OFF	50.0 0.1	.1		.1	.5			
EQUI ARV	33.3 6.3		8				30	
EPIL WAT	33.3 1.7				10		.1	
ELYM US	33.3 0.7	2				2	2	
ATHY FIL	33.3 0.4		.5				.1	
TIAR TRI	33.3 0.2		.5				.5	
MITE NUD	33.3 0.1		.1				.5	
DISP HOO	33.3 0.0	.1	.1					
DRYO ASS	33.3 0.0		.1				.1	
ASTE RAC	16.7 0.8					5		
ANGE GEN	16.7 0.5						3	
CIRC ALP	16.7 0.5						3	
URTI DIO	16.7 0.5	3						
CARE X	16.7 0.3					2		
VERA VIR	16.7 0.3		2					
ACTA RUB	16.7 0.2						1	
THAL OCC	16.7 0.2					1		
D Layer								
MARC POL	50.0 2.8		1 3			.5	15	
POLY JUN	50.0 1.8			.5			5	
TORT ULA	33.3 7.5					30	15	
MNIU M	33.3 0.2		.1 3				1	
BRAC HYT	33.3 0.1			.1			.5	

APPENDIX 6. Environmental attributes of burned seral SBSj1 ecosystems

TABLES

1. Environmental attributes of the seral (<25 years since burned) SBSj1/06 (Queen's cup) ecosystem
2. Environmental attributes of the seral (<17 years since burned) SBSj1/01 (Oak fern) ecosystem
3. Environmental attributes of the seral (<7 years since burned) SBSj1/07 (Devil's club) ecosystem
4. Environmental attributes of the seral (<5 years since burned) SBSj1/08 (Horsetail) ecosystem

TABLE 2. Environmental attributes of the seral (<17 years since burned) SBSj1/01 (Oak fern) ecosystem

Years Since Burned	Burned SBSj1/01 Oak fern Ecosystem - Includes Prince George Seral Data															
	1	2	3	4	9	12	13	14	16							
Pilot	822	822	822	820	822	822	H13	H13	G16	G16	G16	H13	G16	H13	G16	H13
Number	9118	9138	9140	9144	9145	8973	9153	9131	F 2A	F 2	H13	F10	15A	15D	13B	F12
*** LOCATION ***																
GEOGRAPHIC	AGNS	CHUC	CHUC	HOLA	HOLA	ISPA	KEIC	NARR								
LOCATION CODE	PTRD	HFRD	HFRD	NACK	NACK	LKRD	HFRD	LKRD								
NTS MAP SHEET	15 E	9 D	9 D	9 B	9 B	9 G	5 C	12 D								
LONGITUDE (DEGREES)	122	122	122	122	122	122	121	121								
(MINUTES)	5307	2546	2515	1126	1128	0733	5218	5810								
LATITUDE (DEGREES)	54	54	54	53	53	53	53	53								
(MINUTES)	5307	3103	3101	3442	3446	3919	1926	3402								
*** ENVIRONMENT ***																
ELEVATION (M)	840	900	820	1070	1080	900	1155	975								
SLOPE GRADIENT (%)	0	22	43	9	10	5	25	2								
ASPECT (DEGREES)	999	200	110	190	330	300	285	180								
MESO SLOPE POSITION	LV	MD	UP	MD	UP	UP	MD	LV								
EXPOSURE	WI	FR	FR	FR	FR	FR	WI	WI								
SURFACE SHAPE	ST	CC	ST	ST	ST	ST	ST	ST								
MOISTURE REGIME	SM	M	SM	M	M	M	M	SM								
NUTRIENT REGIME	M	M	M	M	M	M	M	M								
TERRAIN	M	B	M	B	M	B	M	B								
COARSE FRAG. (%)	25	10	5	18	10	30	60	15								
SOIL	.D	E	E	.E	.E	.E	.D	.D								
SUBGROUP (CSCC 1978)	.D	.D	.D	.D	.D	.D	.D	.D								
FAMILY PARTICLE SIZE	CL	FL	FL	FL	FL	FL	FL	FL								
ROOTING DEPTH (CM)	15	30	35	20	30	15	30	24								
SOIL DRAINAGE	MW	MW	MW	W	W	W	W	W								
HUMUS FORM (MOF 81)	O	RD	O	RD	O	RD	O	RD								
HUMUS THICKNESS (CM)	2	5	6	3	4	4	14	10								
*** SURFACE SUBSTRATE ***																
GROUND DECAYING WOOD	3	0	7	5	5	15	20	30								
COVER	0	8	0	0	0	0	0	0								
COVER COB. & STONES	0	0	0	0	0	0	0	0								
MINERAL SOIL (%)	13.2	7	0	0	0	0	25	5								
ORG. MAT	90	92	93	35	85	85	55	65								
*** SITE HISTORY ***																
YEAR LOGGED (19__)	82	84	84	82	82	78	78	73								
YEAR BURNED (19__)	84	84	84	82	80	80	80	75								
YEAR PLANTED (19__)	85	85	85	84	84	84	84	75								
YEAR BRUSHED OR NSR (Z)								279								

TABLE 3. Environmental attributes of the seral (<7 years since burned) SBSj1/07 (Devil's club) ecosystem

Years Since Burned	Burned SBSj1/07 Devil's club Ecosystem							
	Mean	1	2	4	6	8	10	12
Plot Number	822 9119	822 9137	820 5892	822 9194	822 9116	822 9191	822 9115	822 9121
*** LOCATION ***								
GEOGRAPHIC	AGNS	CHUC	AHBA	HODD	TSAC	LOD1	HOOD	HART
LOCATION CODE	PTRD	HFRD	UCRK	AFRD	HFRD	LAKE	AFRD	HWAY
NTS MAP SHEET	93J	93J	93G	93J	93J	93G	93J	93J
	15 E	9 D	8 A	15 D	15 E	8 H	15 G	15 E
LONGITUDE (DEGREES)	122	122	122	122	122	122	122	122
(MINUTES)	5302	2556	0418	4700	5534	0408	4248	5609
LATITUDE (DEGREES)	54	54	53	54	54	53	54	54
(MINUTES)	5303	3100	2000	5819	5635	2314	5613	5510
*** ENVIRONMENT ***								
ELEVATION (M)	875.0	820	870	1050	840	880	1030	790
SLOPE GRADIENT (%)	14.1	20	15	7	12	5	22	25
ASPECT (DEGREES)		310	55	300	250	22	310	70
MESO SLOPE POSITION		LW	UP	MD	UP	MD	MD	MD
EXPOSURE		WI	WI	WI	WI	WI	WI	WI
SURFACE SHAPE		CV	CC	ST	ST	ST	ST	CC
MOISTURE REGIME		M	M	SHG	M	M	M	SHG
NUTRIENT REGIME		M	M	M	M	PM	M	PM
TERRAIN		M B	M B	M B	M B	M B	C V	L B
COARSE FRAG. (%)	10.3	15	7	10	11	20	19	0
SOIL		0	BR	0	BR	0	BR	0
SUBGROUP (CSSC 1978)		.DYB	.GL	.HG	.GL	.GL	.GL	.GL
FAMILY PARTICLE SIZE		FL	FL	CL	FL	FL	LS	FSI
ROOTING DEPTH (CM)	19.9	15	15	10	32	20	32	5
SOIL DRAINAGE		MW	MW	I	MW	I	MW	P
HUMUS FORM (MOF 81)		O.HR	O.HR	O.LD	O.RD	A.RD	O.RD	O.RD
HUMUS THICKNESS (CM)	5.9	4	4	4	4	12	4	0
*** SURFACE SUBSTRATE **								
DECAYING WOOD	4.4	8	10	3	2	2	3	5
GROUND BEDROCK	0.0	0	0	0	0	0	0	0
COVER COB. & STONES (%)	0.0	0	0	0	0	0	0	0
MINERAL SOIL	0.3	2	0	0	0	0	0	0
ORG. MAT.	85.8	90	90	20	98	98	97	95
*** SITE HISTORY ***								
YEAR LOGGED		82	84	82	81	80	80	78
YEAR TREATED		84	84	83	81	81	80	79
YEAR PLANTED			85	84	81	83		
YEAR BRUSHED OR NSR (Z)							283	

TABLE 4. Environmental attributes of the seral (<5 years since burned) SBSj1/08 (Horsetail) ecosystem

Years Since Burned	Burned SBSj1/08		Horsetail		Ecosystem		
	1	3	3	4	4	4	
Plot Number	Mean	822 9122	822 9139	820 5894	820 5893	822 9123	822 9136
*** LOCATION ***							
GEOGRAPHIC		WHIS	CHUC	LODI	LODI	WHIS	WHIS
LOCATION CODE		PTRD	HFRD	LAKE	LAKE	PTRD	PTRD
NTS MAP SHEET		93J	93J	93G	93G	93J	93J
		15 F	9 D	8 H	8 H	15 F	15 F
LONGITUDE (DEGREES)		122	122	122	122	122	122
(MINUTES)		5220	2513	0311	0316	5141	5154
LATITUDE (DEGREES)		54	54	53	53	54	54
(MINUTES)		5300	3110	2405	2405	5420	5340
*** ENVIRONMENT ***							
ELEVATION (M)	880.0	780	850	1020	990	830	810
SLOPE GRADIENT (%)	7.0	0	10	6	6	18	2
ASPECT (DEGREES)		999	75	245	255	38	130
MESO SLOPE POSITION		LV	TO	MD	MD	LW	TO
EXPOSURE		SA	WI		WI	WI	WI
SURFACE SHAPE		ST	CC	ST	ST	CC	CC
MOISTURE REGIME		SHG	HG	M	M	SHG	SHG
NUTRIENT REGIME		E	PM	SM	SM	PM	M
TERRAIN		L B	O V	M B	M B	M B	M B
COARSE FRAG. (%)	10.8	0	0	10	40	0	15
SOIL		O	R	BR	O	O	O
SUBGROUP (CSSC 1978)		.HG	.HG	.GL	.HG	.G	.HG
FAMILY PARTICLE SIZE		FSI	CL	FL	CL	FC	CL
ROOTING DEPTH (CM)	21.7	35	15	20	40	10	10
SOIL DRAINAGE		I	VP	MW	W	I	I
HUMUS FORM (MOF 81)			P. SL	O. RD	O. LD	P. SL	P. SL
HUMUS THICKNESS (CM)	10.8	0	8	5	5	30	17
*** SURFACE SUBSTRATE **							
DECAYING WOOD	6.0	5	10	5	5	3	8
GROUND BEDROCK	0.0	0	0	0	0	0	0
COVER COB. & STONES	0.0	0	0	0	0	0	0
(%) MINERAL SOIL	0.0	0	0	0	0	0	0
ORG. MAT.	74.8	95	90	25	50	97	92
*** SITE HISTORY ***							
YEAR LOGGED (19__)		82	84	82	82	81	79
YEAR TREATED (19__)		84	84	82	82	81	81
YEAR PLANTED (19__)			85	83	83	83	83
YEAR BRUSHED OR NSR (Z)							

APPENDIX 7. Vegetation composition of mechanically site prepared ecosystems

TABLES

- 1 Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/06 (Queen's cup) ecosystem
- 2 Vegetation composition of the seral (<9 years since mechanically site prepared) SBSj1/01 (Oak fern) ecosystem
- 3 Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/07 (Devil's club) ecosystem
- 4 Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/08 (Horsetail) ecosystem

TABLE 1. Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/06 (Queen's cup) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1/06 Queen's cup Ecosystem				
			4		7
Plot Number	Average Value	820 5898	822 9113	822 9168	
No. of Species Per Plot	32.3	31	28	38	
Species Code	%P	MC	%C	%C	%C
B1 Layer					
POPU TRE	33.3	20.0		60	
ABIE LAS	33.3	1.7			5
B2 Layer					
SPIR BET	100.0	8.5	.5	20	5
RUBU IDA	100.0	5.0	5	.1	10
VACC MEM	100.0	2.7	2	5	1
ABIE LAS	100.0	2.2	.5	1	5
RUBU PAR	100.0	1.8	.5	1	4
POPU TRE	66.7	8.4	.1	25	
AMEL ALN	66.7	3.5		.5	10
LONI INV	66.7	2.2	.5		6
PICE ENE	66.7	1.7	3		2
PINU CON	66.7	1.7	1		4
CORN SER	66.7	1.0		2	1
RIBE LAC	66.7	0.7		1	1
SORB SCO	66.7	0.7		1	1
SAMB RAC	66.7	0.4	1		.1
ROSA ACI	33.3	4.0			12
POPU BAL	33.3	1.0			3
SALI X	33.3	0.7	2		
ALNU VIR 2	33.3	0.3			1
C Layer					
EPIL ANG	100.0	28.5	40 63	.5	45
GYMN DRY	100.0	0.4	.1 32	1	.1
CORN CAN	66.7	6.8	20 63	.5	
RUBU PED	66.7	5.3	15 63		1
ARAL NUD	66.7	3.7		10	1
CLIN UNI	66.7	3.3	5 63	5	
LINN BOR	66.7	2.7	3 63		5
CINN LAT	66.7	1.0	1 53		2
HIER ALB	66.7	0.7	1 43		1
CALA CAN	66.7	0.5	.5 33		1
ANAP MAR	66.7	0.1	.1 53		.1
GALI TRF	66.7	0.1		.1	.1
TARA OFF	66.7	0.1	.1 12		.1
CARE MAL	33.3	0.7			2
ORTH SEC	33.3	0.7		2	
TIAR TRI	33.3	0.7			2
DISP HOO	33.3	0.3		.1	
LYCO COM	33.3	0.3		1	
GRYZ ASP	33.3	0.3			1
POAC EAE	33.3	0.3		1	
D Layer					
PLEU SCH	100.0	8.4	5	.1	20
PTIL CRI	100.0	0.4	1	.1	.1
POLY JUN	66.7	12.3	7		30
MOSS	33.3	6.7			20
DICR ANU	33.3	0.7			2

TABLE 2. Vegetation composition of the seral (<9 years since mechanically site prepared) SBSJ1/01 (Oak fern) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSJ1/01 Oak fern Ecosystem									
	Average Value	3		4		5		6		8
Plot Number		822 9114	820 5875	822 9146	822 9165	822 9187	822 9802	822 9135	822 9189	822 9129
No. of Species Per Plot	31.8	26	38	25	39	34	35	25	39	25
Species Code	%P	MC	%C	%C	%C	%C	%C	%C	%C	%C
B1 Layer										
POPU TRE	11.1	1.7							15	
POPU BAL	11.1	0.2							2	
SALI X	11.1	0.1					1			
ABIE LAS	11.1	0.1							5	
B2 Layer										
RUBU IDA	100.0	11.2	5	3	15	10	1	.5	35	1
LONI INV	100.0	6.8	1	.5	5	10	1	.5	8	10
RUBU PAR	88.9	2.8	1		3	5	.5	.5	.1	5
PICE ENE	88.9	2.1	.5	.5	1		.5	.5	5	1
VACC MEM	88.9	1.6	.5	.5	.5	1	.5	.5	10	1
RIBE LAC	66.7	2.4	5		5	8	1			1
SAMB RAC	66.7	1.1	.5	.1	2	1			2	2
ABIE LAS	66.7	0.5	.1	.1	.1	1		.5	2	
RIBE LAX	66.7	0.5	1	.5	.5				.1	1
SALI X	55.6	1.9		.5		1		.5	5	10
PINU CON	44.4	0.6		.1		1				
SPIR DOU	33.3	1.1		.1		.1	10			
VIBU EDU	33.3	0.6	1			3				
POPU TRE	33.3	0.4					.5	.1		3
SPIR BET	33.3	0.4				.1		.5		
SDRB SCO	33.3	0.3	2	.1					1	
VACC OVA	22.2	0.3	3		.1					
ROSA ACI	22.2	0.2					1			1
ALNU VIR 2	11.1	0.1	1							
C Layer										
EPIL ANG	100.0	43.3	60	30	65	40	20	15	45	35
GYMN DRY	100.0	3.6	1	1	1	10	.5	.5	8	2
TIAR TRI	100.0	2.0	.5	.5	1	2	1	.5	.1	2
CORN CAN	88.9	5.4	.5	1		.1	15	2	10	5
RUBU PED	88.9	2.5	.5	3	.5	2		.5	4	2
CALA CAN	77.8	2.0		2		2	.5	.5	5	3
STRE ROS	77.8	1.3		.5	.5	2	.5		4	1
LINN BOR	66.7	1.2		2		.1	3	1	2	3
ANAP MAR	55.6	1.0				.1	1		2	3
HIER ALB	55.6	0.8			.1			.5	2	
EQUI ARV	44.4	3.0				18	8			.5
CINN LAT	44.4	2.6		.5		15			8	
TARA OFF	44.4	0.2				.1	.5	.5		1
GALI TRF	44.4	0.1			.5		.1			.5
POAC EAE	33.3	1.3	10		2			.1		
LYCO ANN	33.3	0.5				.1			1	3
HIER ACI	33.3	0.4		.1				.5		3
DRYO ASS	33.3	0.3		.1	.5				2	
VERA VIR	33.3	0.2		.1				1		1
CARE X	33.3	0.2	1	.5				.5		
RUBU PUB	33.3	0.1				.1		.5		
CARE MAL	22.2	0.6					3			2
ATHY FIL	22.2	0.2			1	1				
CLIN UNI	22.2	0.2	.5		.1					
SMIL STE	22.2	0.2			.5					1
VALE SIT	22.2	0.2	1	.5						
ACHI MIL	22.2	0.1		.1						1
ARAL NUD	22.2	0.1	.5				.5			
PYRO ASA	22.2	0.1					.5			.5
STRE AMP	22.2	0.1	.5	.1	2					
PETA PAL	11.1	1.7				15				
AGRO SCA	11.1	0.2					2			
THAL OCC	11.1	0.2								2
VAHL ATR	11.1	0.2		2						
HIER PIL	11.1	0.1				1				
D Layer										
POLY JUN	77.8	28.2		10	.5	8	60		80	25
PLEU SCH	77.8	4.5		2	.5	3		5	5	20
PTIL CRI	33.3	3.3				20		5		5
RHYT TRI	11.1	1.3				12				
BRYU M	11.1	1.1					10			
MOSS	11.1	1.1					10			
MARC POL	11.1	0.2					2			
DICR ANU	11.1	0.1					1			

TABLE 3. Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/07 (Devil's club) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1/07 Devil's club Ecosystem					
	Average Value		1	4	7	
Plot Number			822 9103	822 9197	820 8842	822 9125
No. of Species Per Plot	35.5		26	50	29	37
Species Code	%P	MC	%C	%C	%C	%C
B2 Layer						
RUBU IDA	100.0	14.0	20	10	6	20
RUBU PAR	100.0	11.0	15	18	10	1
LONI INV	100.0	6.5	5	6	5	10
RIBE LAC	100.0	5.3	5	9	1	6
PICE ENE	100.0	3.0	5	1	5	10
OPLO HOR	75.0	2.0	2	1	5	
SALI X	75.0	1.4		5	1	5
RIBE LAX	75.0	0.5		5	5	1
CORN SER	50.0	6.5	25	1		
ABIE LAS	50.0	1.0		1		3
SAMB RAC	50.0	0.4	5		1	
SORB SCO	50.0	0.4			5	
VIBU EDU	50.0	0.3		1		1
ROSA ACI	25.0	2.5				10
AMEL ALN	25.0	0.8				3
POPU TRE	25.0	0.5				2
SPIR BET	25.0	0.5				2
VACC MEM	25.0	0.5				2
ALNU INC 2	25.0	0.3		1		
POPU BAL	25.0	0.3		1		
SORB SIT	25.0	0.3		1		
C Layer						
EPIL ANG	100.0	47.5	5	35	65	85
GYMN DRY	100.0	18.0	2	15	40	15
TIAR TRI	100.0	4.8	1	3	5	10
GALI TRF	100.0	2.3	1	3	1	5
CORN CAN	75.0	4.0		10	1	5
ANAP MAR	75.0	3.1		2	5	10
ACTA RUB	75.0	0.5	5	5	1	
RUBU PED	50.0	3.3		3		10
EQUI ARV	50.0	2.0		8		1
LINN BOR	50.0	1.5			1	5
AGRO SCA	50.0	1.0		2		2
ATHY FIL	50.0	1.0		2	2	
STRE ROS	50.0	0.9		5	3	
CINN LAT	50.0	0.8		2		1
PETA PAL	50.0	0.5		1		1 5
MITE NUD	50.0	0.4	5	1		
SMIL RAC	50.0	0.4	1	1	5	
STRE AMP	50.0	0.4	5	1		
TARA OFF	50.0	0.1	1	5		
EQUI PRA	25.0	3.8	15			
THAL OCC	25.0	2.5	10			
SMIL STE	25.0	1.3				5
DRYO ASS	25.0	1.0			4	
EPIL CIL	25.0	0.5		2		
POAC EAE	25.0	0.5	2			
ARUN DIO	25.0	0.3		1		
ASTE MOC	25.0	0.3		1		
CARE AEN	25.0	0.3				1
DISP HOO	25.0	0.3	1			
EQUI SYL	25.0	0.3		1		
HIER ACI	25.0	0.3				1
PDA PAL	25.0	0.3		1		
RUBU PUB	25.0	0.3		1		
SENE CID	25.0	0.3		1		
VALE SIT	25.0	0.3	1			
VERA VIR	25.0	0.3				1
VICL A	25.0	0.3	1			
D Layer						
POLY JUN	75.0	24.5		20	3 63	75
PLEU SCH	75.0	6.3		10	5 63	10
PTIL CRI	75.0	4.3		10	10 63	5
MNIU M	50.0	5.3		20	1 53	
BRAC HYL	25.0	2.5		10		
BARB LYC	25.0	1.3		5		
RHYT TRI	25.0	0.8			3 63	
MARC POL	25.0	0.3		1		

TABLE 4. Vegetation composition of the seral (<8 years since mechanically site prepared) SBSj1/08 (Horsetail) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1/08 Horsetail Ecosystem						
	Average Value	822 9193	820 8880	822 9192	822 9169	822 9188	820 5882
Plot Number							
No. of Species Per Plot	36.3	32	28	35	50	41	40
Species Code	%P	MC	%C	%C	%C	%C	%C
B1 Layer							
SALI X	50.0	2.8			1	6	10
POPU TRE	33.3	1.0				5	1
PICE ENE	33.3	0.6					5
ALNU INC 2	16.7	3.0					18
ALNU VIR 2	16.7	1.7					10
POPU BAL	16.7	1.3					8
ABIE LAS	16.7	0.1			.5		
B2 Layer							
PICE ENE	100.0	3.4	.5	.5	1	7	5
RIBE LAC	100.0	3.3	5	1	5	3	3
LONI INV	83.3	10.8	10		15	20	15
RUBU IDA	83.3	5.7	15			10	1
RIBE LAX	83.3	1.2	5	5	1		.5
RUBU PAR	66.7	8.3	35		10	3	2
SAMB RAC	66.7	0.4	.5	1	1	.1	
ROSA ACI	50.0	3.2				12	2
VACC MEM	50.0	0.5		1	1	1	
ALNU INC 2	50.0	0.4	2		.1	.1	
SPIR DOU	33.3	2.5				5	10
SALI X	33.3	1.0		5		1	
ABIE LAS	33.3	0.8		.1		5	
SPIR BET	33.3	0.7				1	3
VIBU EDU	33.3	0.3	1			1	
SPIR AEA	16.7	0.5					3
CORN SER	16.7	0.3	2				
SHEP CAN	16.7	0.3					2
TSUG HET	16.7	0.3			1		2
SORB SIT	16.7	0.2					
C Layer							
EPIL ANG	100.0	31.7	60	35	58	20	15
EQUI SYL	100.0	4.0	1	5	10	2	5
GALI TRF	100.0	1.7	3	.1	2	1	2
CALA CAN	83.3	5.7	2		5	10	2
GYMN DRY	83.3	3.5	2		15	1	1
ATHY FIL	83.3	2.8	3		7	1	.5
CORN CAN	83.3	2.0	1	2	3	1	5
EQUI ARV	66.7	2.0	1		5	3	3
TIAR TRI	66.7	0.9	3	.5	2	.1	
POAC EAE	66.7	0.7		.5	1		.5
PETA PAL	50.0	2.2				2	3
RUBU PUB	50.0	1.8				7	2
RUBU PED	50.0	1.2		2			3
VIOL A	50.0	1.2	1				5
CERA NUT	50.0	0.4				.1	.5
ANAP MAR	50.0	0.3	1		1	.1	
TARA OFF	50.0	0.1		.1		.1	.5
CARE X	33.3	2.0		2			10
POA PAL	33.3	1.8	1			10	
CARE MER	33.3	0.6			3		.5
GEUM MAC	33.3	0.6					3
STRE ROS	33.3	0.4			2		.5
HIER PIL	33.3	0.3				.1	
ACTA RUB	33.3	0.3	1				1
LINN BOR	33.3	0.3		1			1
EQUI PRA	33.3	0.2		.5			.5
AGRO THU	16.7	1.7				10	
CARE AEN	16.7	1.3					8
VALE SIT	16.7	1.3			8		
AGRO SCA	16.7	0.8				5	
GALI BOR	16.7	0.8			3		5
VERA VIR	16.7	0.5					2
CARE ATR	16.7	0.3					
EPIL CIL	16.7	0.3				2	
SMIL RAC	16.7	0.3			2		
URTI DIO	16.7	0.3			2		
ACON DEL	16.7	0.2	1				
AGRO PYR	16.7	0.2	1				
ANTE NEG	16.7	0.2		1			
ASTE MOD	16.7	0.2				1	
CARE ROS	16.7	0.2				1	
CINN LAT	16.7	0.2	1				
ELYM GLA	16.7	0.2				1	
HIER ALB	16.7	0.2		1			1
LUPI ARC	16.7	0.2					
MITE NUD	16.7	0.2				1	
THAL OCC	16.7	0.2	1				
TIAR UNI	16.7	0.2					1
D Layer							
PTIL CRI	100.0	10.5	2	1	10	5	20
POLY JUN	66.7	11.7	10	6	20	10	30
PLEU SCH	66.7	11.2	2	5	6	20	40
MNIU M	66.7	5.8	5			10	5
BRAC HYL	50.0	5.0	5		20		5
POLY COM	16.7	8.3		50	8		
AULA PAL	16.7	3.3					20
RHYT TRI	16.7	2.5				15	
MNIU INS	16.7	0.8			5		
PELT APH	16.7	0.3					2

APPENDIX 8. Environmental attributes of mechanically site prepared ecosystems

TABLES

- 1 Environmental attributes of the seral (<8 years since mechanically site prepared) SBSj1/06 (Queen's cup) ecosystem
- 2 Environmental attributes of the seral (<9 years since mechanically site prepared) SBSj1/01 (Oak fern) ecosystem
- 3 Environmental attributes of the seral (<8 years since mechanically site prepared) SBSj1/07 (Devil's club) ecosystem
- 4 Environmental attributes of the seral (<13 years since mechanically site prepared) SBSj1/08 (Horsetail) ecosystem

TABLE 1. Environmental attributes of the seral (<8 years since mechanically site prepared) SBSj1/06 (Queen's cup) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1/06			
	Queen's cup	4	7	
Plot Number	Mean	820 5898	822 9113	822 9168
*** LOCATION ***				
GEOGRAPHIC		GRIZ	HOOD	WANS
LOCATION CODE		LKRD	AFRD	LKRD
NTS MAP SHEET		93G	93J	93G
		9 G	15 F	16 A
LONGITUDE (DEGREES)		122	122	122
(MINUTES)		1010	4805	0557
LATITUDE (DEGREES)		53	54	53
(MINUTES)		4222	5803	4522
*** ENVIRONMENT ***				
ELEVATION (M)	882.3	955	930	762
SLOPE GRADIENT (%)	15.0	10	25	10
ASPECT (DEGREES)		270	180	225
MESO SLOPE POSITION		MD	MD	MD
EXPOSURE			FR	WI
SURFACE SHAPE		ST	CV	ST
MOISTURE REGIME		SM	SM	SM
NUTRIENT REGIME		M	M	SM
TERRAIN		FGT	C V	B
COARSE FRAG. (%)	14.7	8	15	21
SOIL		0	0	0
SUBGROUP (CSSC 1978)		.DB	.GL	.HFP
FAMILY PARTICLE SIZE		LS	FL	LS
ROOTING DEPTH (CM)	33.3	30	40	30
SOIL DRAINAGE		W	MW	W
HUMUS FORM (MOF 81)		O.RD	O.RD	O.RD
HUMUS THICKNESS (CM)	6.2	0.5	10	8
*** SURFACE SUBSTRATE **				
DECAYING WOOD	12.7	15	8	15
GROUND BEDROCK	0.0	0	0	0
COVER COB. & STONES (%)	1.7	5	0	0
MINERAL SOIL	2.3	5	0	2
ORG. MAT	85.0	80	92	83
*** SITE HISTORY ***				
YEAR LOGGED		79	81	76
YEAR TREATED		80	84	77
YEAR PLANTED		83	85	81
TYPE OF MSP		DS	T	W
		SF		

Key to Types of Mechanical Site Preparation

Symbol	Method
BS	blade scarification
CD	chain drag scarification
DS	drag scarification
PB	pile and burn
SF	shark fin
T	trail
W	windrow

^a See Meidinger *et al.* 1983 and Walmsley *et al.* 1980 for definitions of codes and environmental attributes.

TABLE 2. Environmental attributes of the seral (<9 years since mechanically site prepared) SBSj1/01 (Oak fern) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1/01 Oak fern Ecosystem									
	Mean	3	4	5	5	6	6	8	8	8
Plot Number	Mean	822 9114	820 5875	822 9146	822 9165	822 9187	822 9802	822 9135	822 9189	822 9129
*** LOCATION ***										
GEOGRAPHIC		HODD	GRIZ	HOLA	GRIZ	WANS	GRIZ	STON	NAVA	WILL
LOCATION CODE		AFRD	LKRD	NACK	LKRD	ACRK	LKRD	LAKE	HBRD	DFRD
NTS MAP SHEET		93J	93G	93G	93G	93G	93G	93H	93H	93G
LONGITUDE (DEGREES)		15 F	9 G	9 B	9 G	16 B	9 G	5 E	5 E	9 G
(MINUTES)		122	122	122	122	122	122	122	122	122
LATITUDE (DEGREES)		4606	0858	1125	0943	0954	1122	5500	5910	1023
(MINUTES)		54	53	53	53	53	53	52	53	53
		5750	4329	3451	4327	5017	4234	2539	2540	3805
*** ENVIRONMENT ***										
ELEVATION (M)	951.1	820	980	1080	970	820	960	975	1015	940
SLOPE GRADIENT (%)	6.1	5	0	11	12	2	3	10	4	8
ASPECT (DEGREES)		80	999	110	300	260	200	320	300	330
MESO SLOPE POSITION		MD	LV	UP	MD	MD	LW	MD		MD
EXPOSURE		WI		WI	WI			WI	WI	WI
SURFACE SHAPE		ST		CC	ST	ST	ST	ST		ST
MOISTURE REGIME		M	SHG	M	M	M	SM	M	M	M
NUTRIENT REGIME		M	SM	M	M	M	M	M	SM	M
TERRAIN		L B	M B	M B	FGT	M B	FGB	M B	FGT	L B
COARSE FRAG. (%)	27.7	10	15	15	40	28	30	23	78	10
SOIL		E	GLBR	O	O	PZ	O	O	O	O
SUBGROUP (CSSC 1978)		.DYB	.GL	.DYB	.HFP	.GL	.DYB	.HFP	.DB	.HFP
FAMILY PARTICLE SIZE		FSI	LS	CL	SS	LS	LS	LS	SS	L
ROOTING DEPTH (CM)	26.1	30	5	25	30	35	30	30	30	20
SOIL DRAINAGE		MW	I	W	W	W	W	W	W	MW
HUMUS FORM (MOF 81)		O.RD	O.TD	O.RD	O.HR	O.RD	O.RD	O.RD	O.RD	O.RD
HUMUS THICKNESS (CM)	7.8	10	5	10	7	1	2	12	15	8
*** SURFACE SUBSTRATE **										
DECAYING WOOD	4.4	3		5	8	2	7		1	5
GROUND BEDROCK	0.0	0		0	0	0	0		0	0
COVER COB. & STONES (%)	0.7	0		0	0	0	0		5	0
MINERAL SOIL ORG. MAT.	94.6	97		90	87	98	93		95	95
*** SITE HISTORY ***										
YEAR LOGGED (19__)		80	79	81	79	79	79	72	68	75
YEAR TREATED (19__)		82	80	81	80	79	80	78	78	76
YEAR PLANTED (19__)		82	83	84	83	81	83	80	81	
TYPE OF MSP		T	PB	PB	DS	PB	DS	PB	PB	W

Key to Types of Mechanical Site Preparation

Symbol	Method
BS	blade scarification
CD	chain drag scarification
DS	drag scarification
PB	pile and burn
SF	shark fin
T	trail
W	windrow

^a See Meidinger *et al.* 1983 and Walmsley *et al.* 1980 for definitions of codes and environmental attributes.

TABLE 3. Environmental attributes of the seral (<8 years since mechanically site prepared) SBSj1/07 (Devil's club) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSj1 /07 Devil's club Ecosystem				
	Mean	1	4	7	
Plot Number		822 9103	822 9197	820 8842	822 9125
*** LOCATION ***					
GEOGRAPHIC		HODD	CHUC	GRIZ	WILL
LOCATION CODE		AFRD	HFRD	LKRD	OFRD
NTS MAP SHEET		93J	93J	93G	93G
		15 F	9 D	9 G	9 G
LONGITUDE (DEGREES)		122	122	122	122
(MINUTES)		4810	2730	1000	1010
LATITUDE (DEGREES)		54	54	53	53
(MINUTES)		5801	3005	4226	3846
*** ENVIRONMENT ***					
ELEVATION (M)	940.0	930	890	950	990
SLOPE GRADIENT (%)	13.3	10	14	27	2
ASPECT (DEGREES)		85	40	340	120
MESO SLOPE POSITION		LW	MD	LW	CR
EXPOSURE				WI	
SURFACE SHAPE		CC		CV	CV
MOISTURE REGIME		SHG	SHG	M	M
NUTRIENT REGIME		PM	M	M	M
TERRAIN		L B	M B	FG	LGB
COARSE FRAG. (%)	25.5	7	60	35	0
SOIL		0	GLE	0	0
SUBGROUP (CSSC 1978)		.GL	.DYB	.DB	.HFP
FAMILY PARTICLE SIZE		FL	LS	LS	CL
ROOTING DEPTH (CM)	28.3	35	38	30	10
SOIL DRAINAGE		MW	I	MW	MW
HUMUS FORM (MOF B1)		D.RD	O.YR	H.TD	O.RD
HUMUS THICKNESS (CM)	5.0	8	4	0	8
*** SURFACE SUBSTRATE **					
DECAYING WOOD	7.5	5	2	20	3
GROUND BEDROCK	0.0	0	0	0	0
COVER COB. & STONES (%)	0.0	0	0	0	0
MINERAL SOIL ORG. MAT.	3.8	0	10	5	0
	89.3	95	90	75	97
*** SITE HISTORY ****					
YEAR LOGGED (19__)		81	78	79	74
YEAR TREATED (19__)		84	83	80	77
YEAR PLANTED (19__)		85	84	83	
TYPE OF MSP		BS	T	DS	W
				SF	

Key to Types of Mechanical Site Preparation

Symbol	Method
BS	blade scarification
CD	chain drag scarification
DS	drag scarification
PB	pile and burn
SF	shark fin
T	trail
W	windrow

^a See Meidinger *et al.* 1983 and Walmsley *et al.* 1980 for definitions of codes and environmental attributes.

TABLE 4. Environmental attributes of the seral (<8 years since mechanically site prepared) SBSj1/08 (Horsetail) ecosystem

Years Since Mechanically Treated	Mechanically Treated SBSJ1/08 Horsetail Ecosystem						
	Mean	2	5	6	7	11	12
Plot Number	Mean	822	820	822	822	822	820
		9193	8880	9192	9169	9188	5882
*** LOCATION ***							
GEOGRAPHIC		HODD	PITO	LODI	TASP	NAVA	BEAV
LOCATION CODE		AFRD	NCRD	LAKE	CKRD	HBRD	FSRD
NTS MAP SHEET		93J	93G	93G	93G	93H	93G
		15 G	9 G	8 A	16 A	5 E	16 H
LONGITUDE (DEGREES)		122	122	122	122	122	122
(MINUTES)		4106	0753	0752	0457	5843	0230
LATITUDE (DEGREES)		54	53	53	53	53	53
(MINUTES)		5423	4050	2124	5025	2748	5550
*** ENVIRONMENT ***							
ELEVATION (M)	901.8	755	970	1225	770	990	701
SLOPE GRADIENT (%)	6.0	17	3	10	1	5	0
ASPECT (DEGREES)		290	225	100	150	70	999
MESO SLOPE POSITION		TO	LV	MD	LV	LW	TO
EXPOSURE					WI		
SURFACE SHAPE		ST	CC	ST	ST	CC	CC
MOISTURE REGIME		HG	HG	HG	SHG	HG	HG
NUTRIENT REGIME		M	PM	M	PM	SM	M
TERRAIN		M B	M B	M B	L B	FGT	F T
COARSE FRAG. (%)	14.5	38	15	34	0	0	0
SOIL		0	0	0	0	0	0
SUBGROUP (CSSC 1978)		.G	.LG	.G	.G	.G	.HG
FAMILY PARTICLE SIZE		LS	FC	LS	FC	S	FC
ROOTING DEPTH (CM)	21.7	20	20	35	5	35	15
SOIL DRAINAGE		I	P	I	P	I	I
HUMUS FORM (MOF 81)		O.RD	O.RD	O.RD	O.YD	O.RD	.YD
HUMUS THICKNESS (CM)	7.5	6	13	5	5	6	10
*** SURFACE SUBSTRATE **							
DECAYING WOOD	5.7	2	3	2	25	2	0
GROUND BEDROCK	0.0	0	0	0	0	0	0
COVER COB. & STONES (%)	0.0	0	0	0	0	0	0
MINERAL SOIL	0.2	0	1	0	0	0	0
ORG. MAT.	82.5	98	70	98	75	98	100
*** SITE HISTORY ***							
YEAR LOGGED (19__)		C76	C79	C76	C76	C72	C71
YEAR TREATED (19__)		M82	M80	M78	M77	M73	M70
YEAR PLANTED		P83	P84	P79	P80	P74	N71
TYPE OF MSP		W	W	PB	W	CD	BS

Key to Types of Mechanical Site Preparation

Symbol	Method
BS	blade scarification
CD	chain drag scarification
DS	drag scarification
PB	pile and burn
SF	shark fin
T	trail
W	windrow

^a See Meidinger *et al.* 1983 and Walmsley *et al.* 1980 for definitions of codes and environmental attributes.

APPENDIX 9. Volume of key species in burned seral ecosystems

FIGURES

- 1 Volume of *Epilobium angustifolium* in four seral ecosystems after burning
- 2 Volume of *Lonicera involucrata* in four seral ecosystems after burning
- 3 Volume of *Rubus parviflorus* in four seral ecosystems after burning
- 4 Volume of *Rubus idaeus* in four seral ecosystems after burning
- 5 Volume of *Salix* spp. in four seral ecosystems after burning
- 6 Volume of *Ribes laxiflorum* in four seral ecosystems after burning
- 7 Volume of *Ribes lacustre* in four seral ecosystems after burning
- 8 Volume of *Vaccinium membranaceum* in four seral ecosystems after burning
- 9 Volume of *Sambucus racemosa* in four seral ecosystems after burning
- 10 Volume of *Viburnum edule* in four seral ecosystems after burning

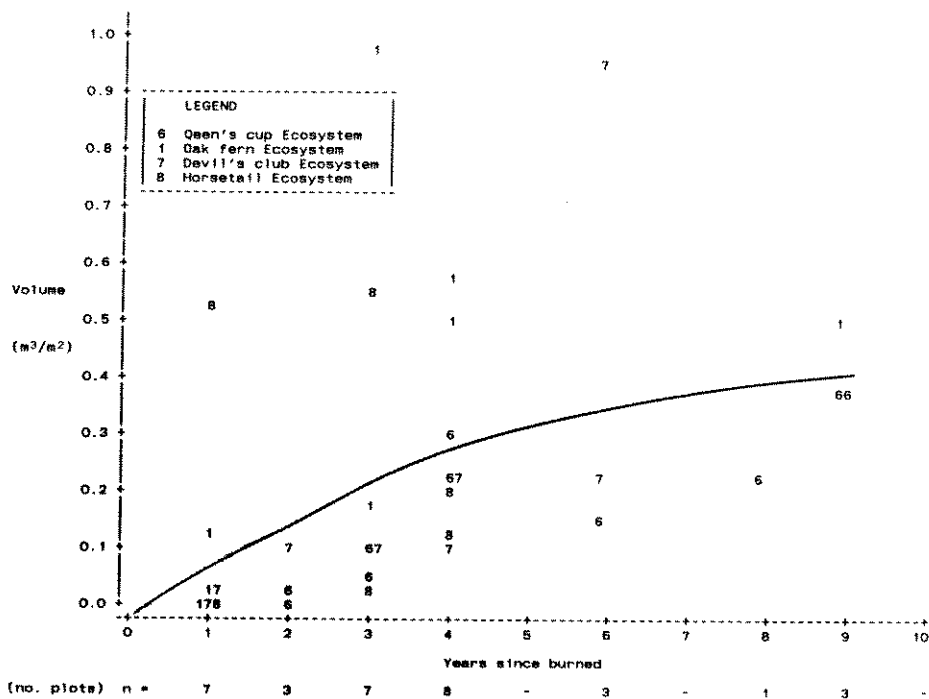


FIGURE 1. Volume of *Epilobium angustifolium* in four seral ecosystems after burning^{a,b}.

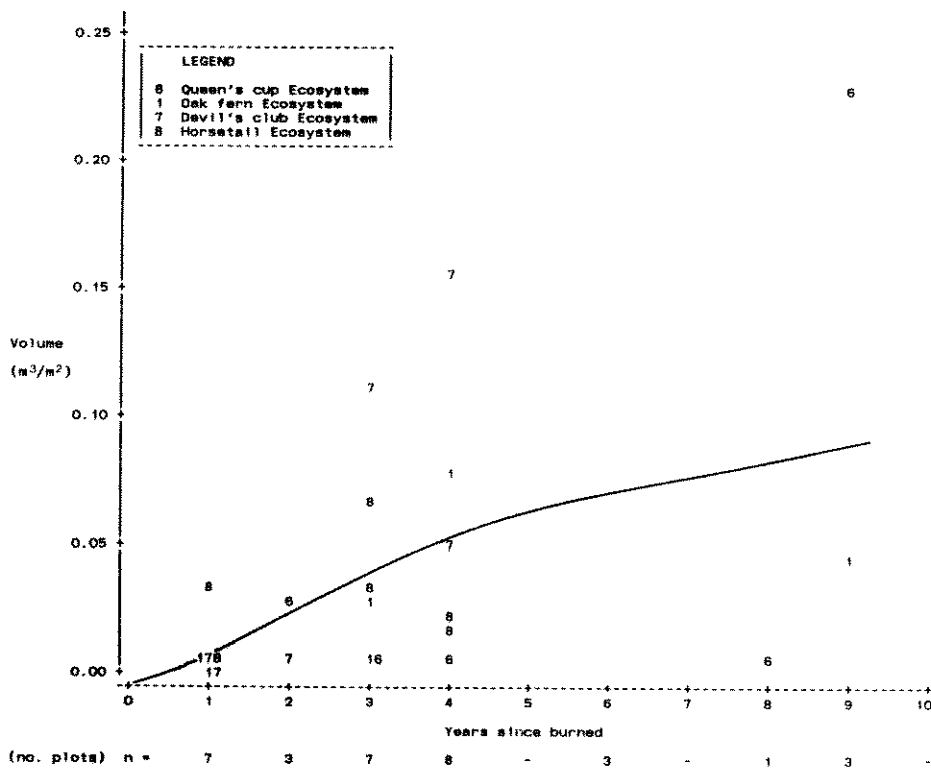


FIGURE 2. Volume of *Lonicera involucrata* in four seral ecosystems after burning.

^a The scale on the X axis for this graph is larger than the others in this appendix.

^b All lines are hand fitted and reflect general trends in abundance.

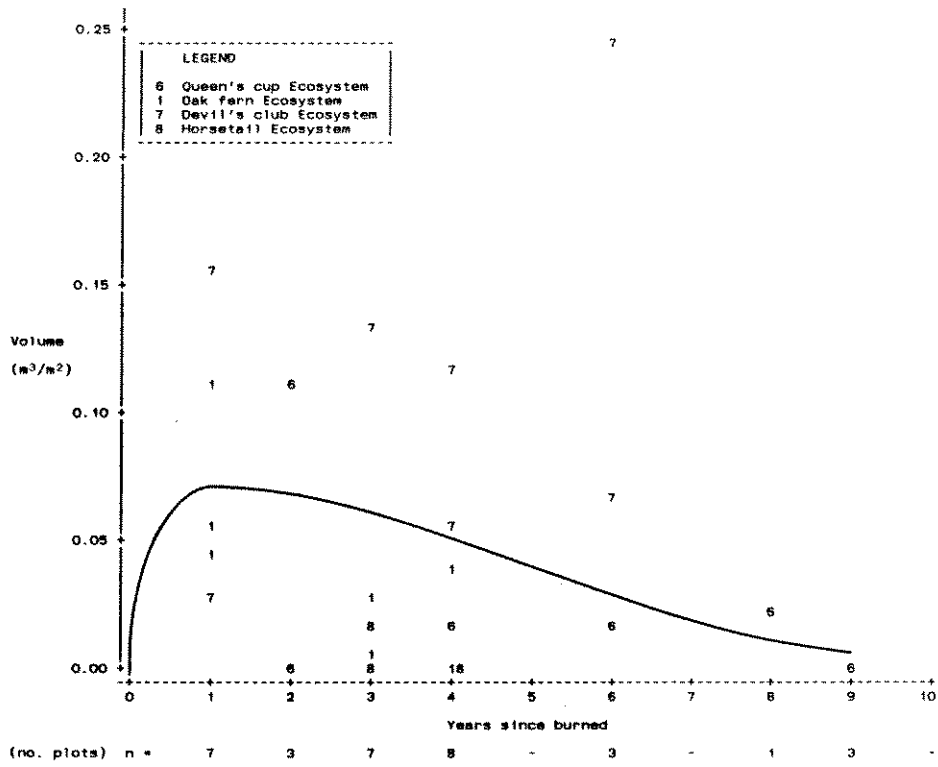


FIGURE 3. Volume of *Rubus parviflorus* in four seral ecosystems after burning.

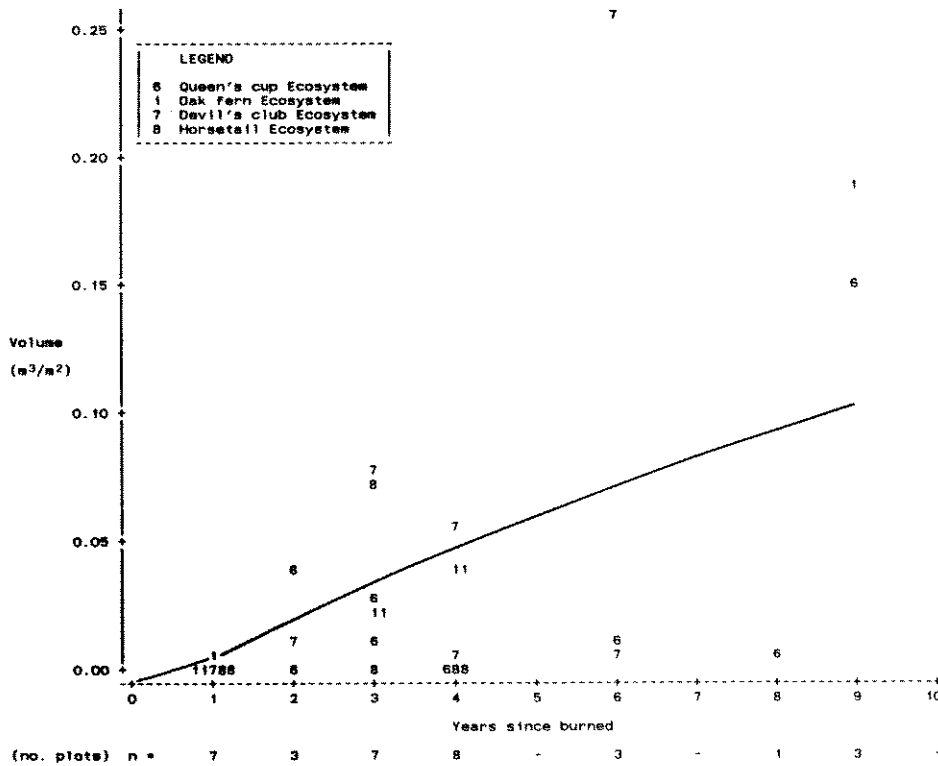


FIGURE 4. Volume of *Rubus idaeus* in four seral ecosystems after burning.

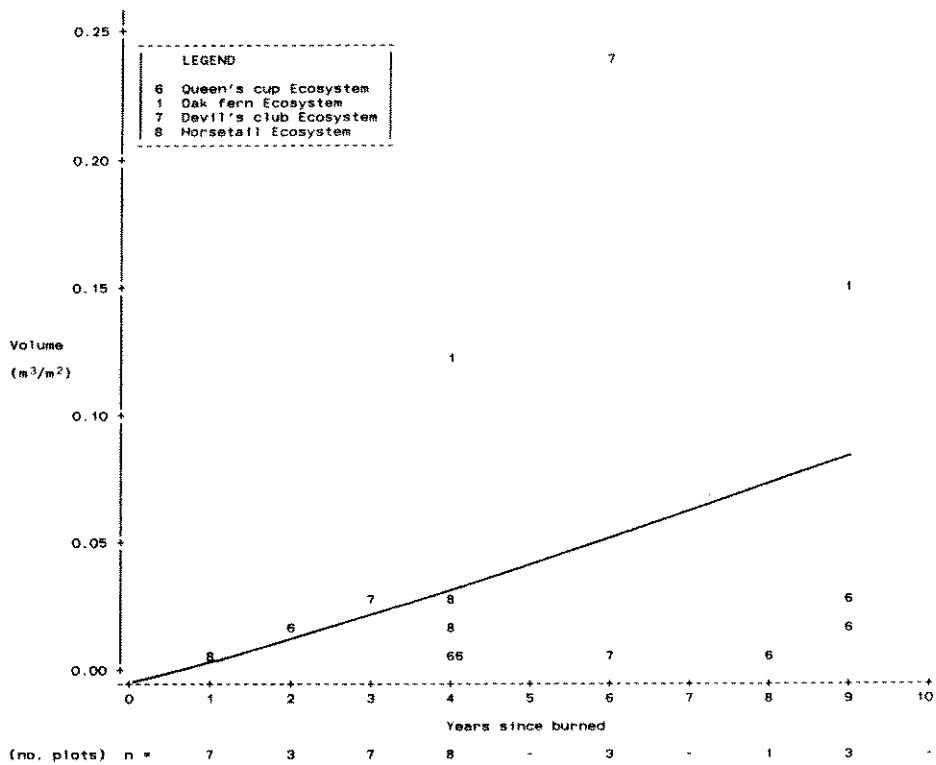


FIGURE 5. Volume of *Salix* spp. in four seral ecosystems after burning.

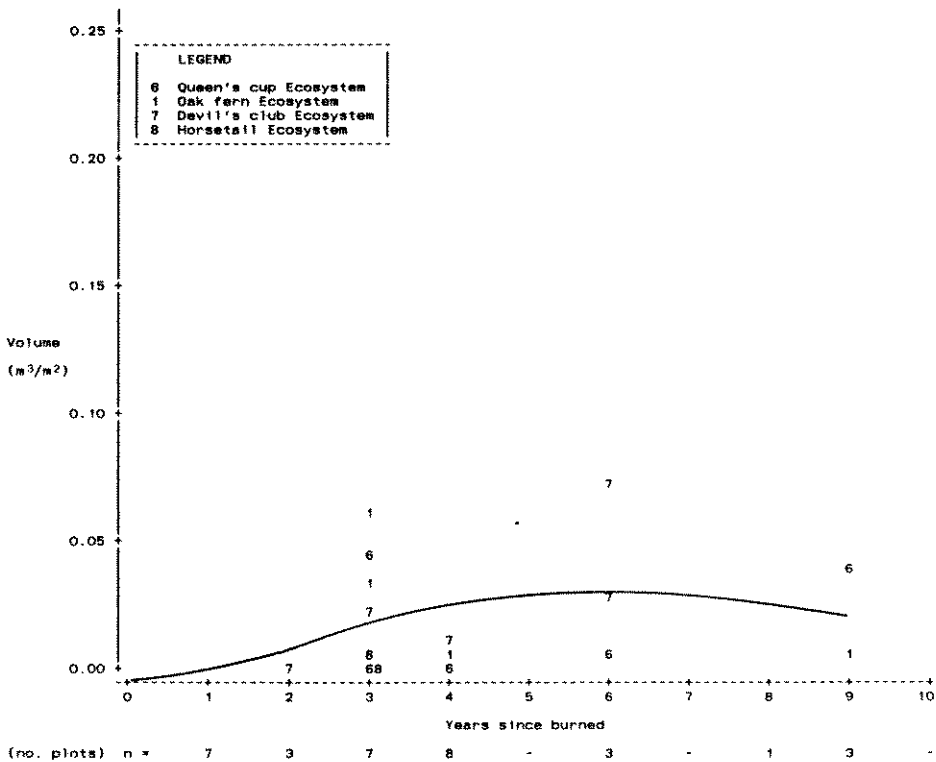


FIGURE 6. Volume of *Ribes laxiflorum* in four seral ecosystems after burning.

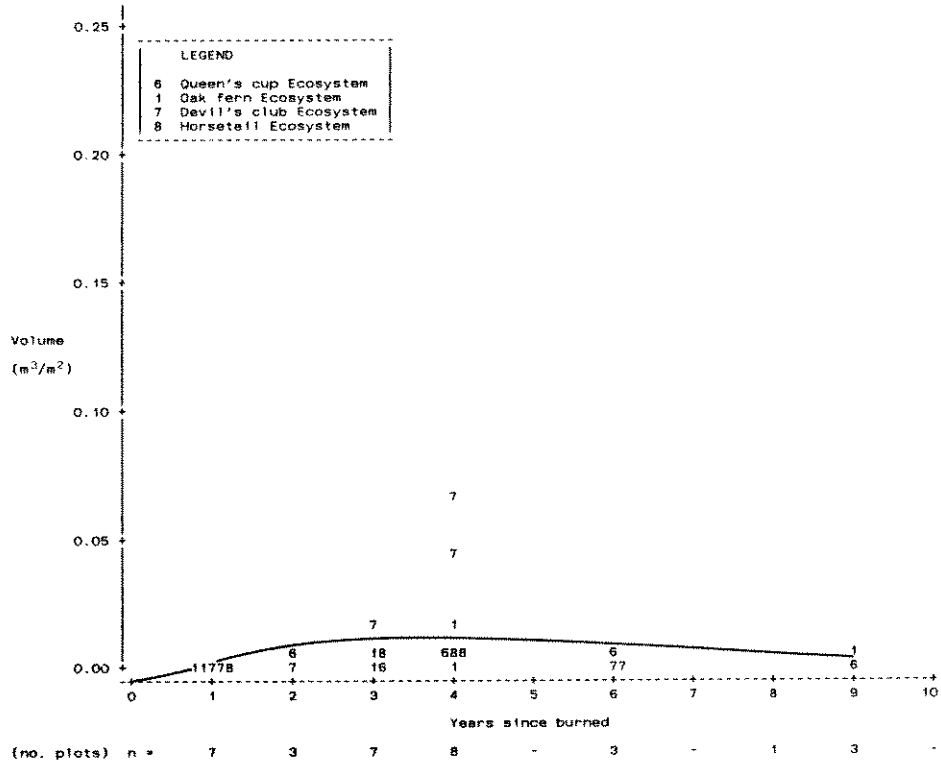


FIGURE 7. Volume of *Ribes lacustre* in four seral ecosystems after burning.

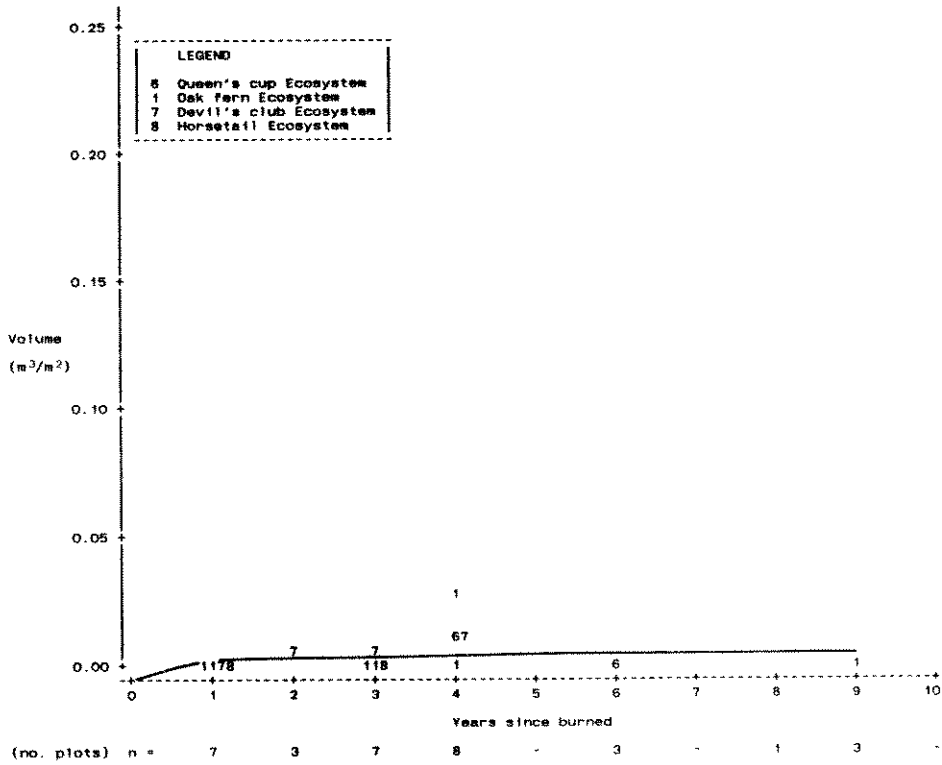


FIGURE 8. Volume of *Vaccinium membranaceum* in four seral ecosystems after burning.

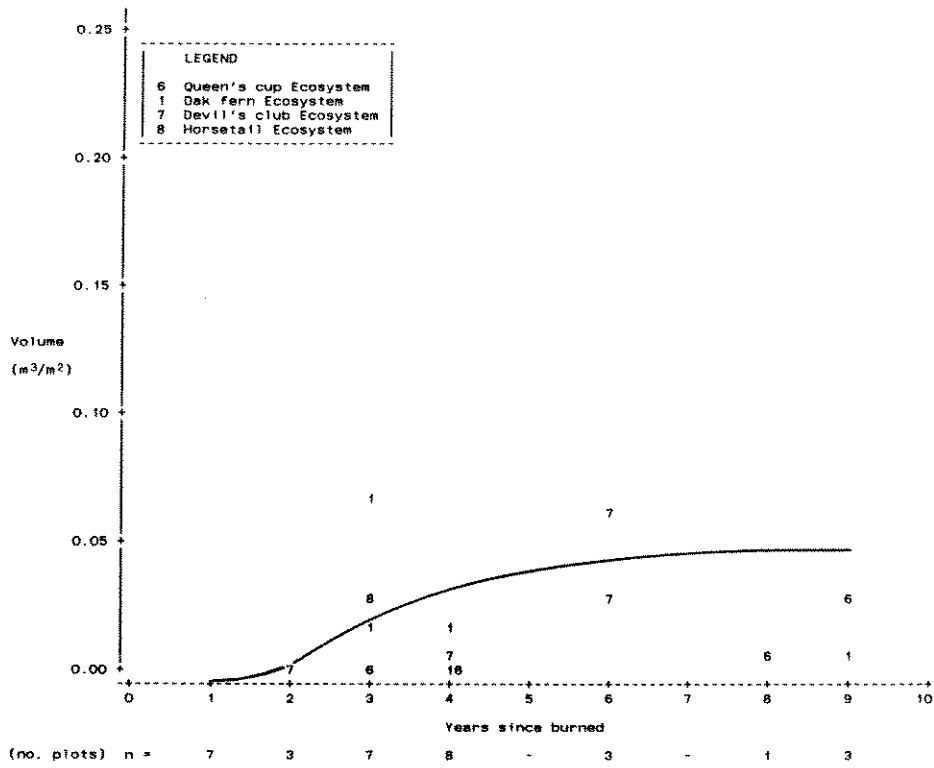


FIGURE 9. Volume of *Sambucus racemosa* in four seral ecosystems after burning.

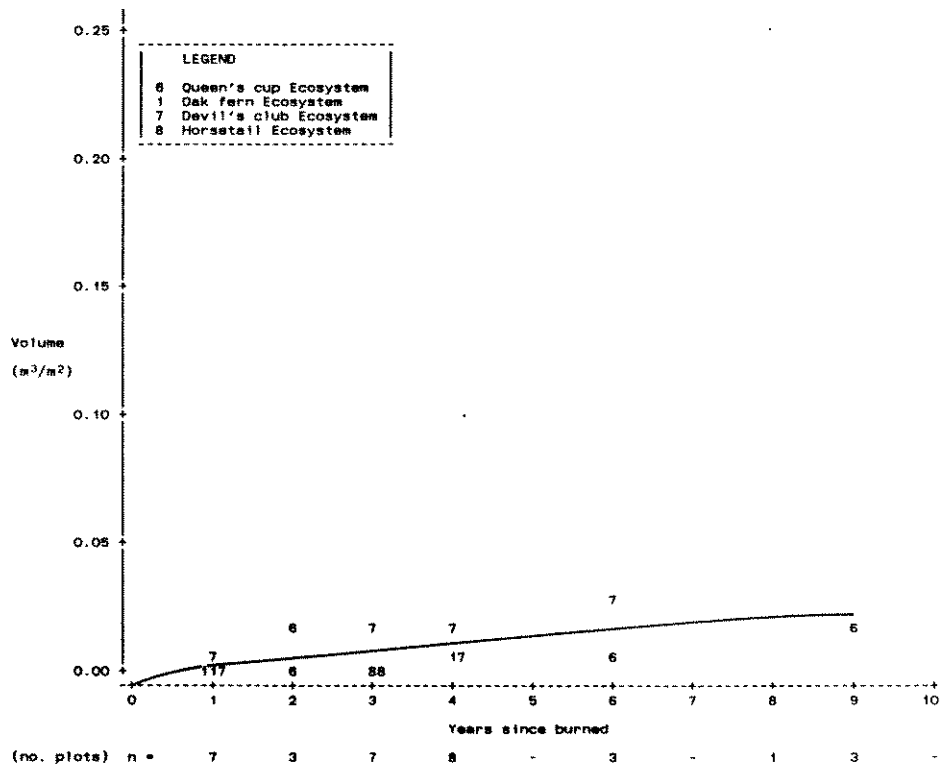


FIGURE 10. Volume of *Viburnum edule* in four seral ecosystems after burning.