

East Point ~ 150 m SE of Point
on shore like, Savanna Island

Seepy bare rock outcrop on
coastal bluff

Aspect 100° E

Slope 5%

Elevation 10m

UTM 10U 496730 5403480

Notes: thinly vegetated slope about 5m
back from sandstone sea cliff edge

associates: Plantago longata, Myosurus
minimus, Aira praecox

April 30/99

Salt Spring I

April 30/99 HJ

#2901

Vicia Langsdorffii

Wetlands draining into lake

Salt Spring Island

sedge fen drainage channel

Apr 13 99
Selby

aspect S
slope 2%
elevation 85m

UTM 100465607
5405144

123 2806
48 4754

Notes: Several hundred sparsely
distributed in sedge fen & in
Phalaris flood plain of lake

associates: Carex obumpta to Phalaris
arundinacea

May 19
Sawtooth

May 19 HTR

#2902

Viola adunca

grassy flats at summit
Mt. Washburn Pyre, Sawtooth

grassy flat w/ scattered
FO.

aspect S

elevation 400m

slope - flat

UTM 100487354 5402394

134

notes: associates *Luzula capistri*
Taraxacum officinale, *Hypochaeris radicata*
Danthonia californica, *Lotus micranthus*
Poa sp., *Ambrosia artemisiifolia*

36 plants in area 3m x 4m

May 13/99

NW 1/4 Ecological Reserve

Same

birds

vascular plants

Townsend's Warbler

Trientalis borealis

Robin

Coccoloba maculata

Pac Slope Flycatcher

Polygonum glycyrrhiza

Winter wren

Utrica dioica

Blue Grouse

Athyrium filix-femina ssp.

(Bald Eagle)

Conium hispidum

(Swallow sp.)

Stellaria crispa

Vireo, Thrush

Sambucus racemosa ssp.

Western Wood Pewee

(*Ferraria occidentalis*)

(*Melia azedarach*)

Gaultheria triflora

Lacistema muricatum

Listena cordata

mesadow

↓ *Hieracium albiflorum*

Manis purifolia

Rosa gymnocarpa

Cardamine (occid?)

Bromus vulgaris ↓

(135)

May 13/99 cont.

Savanna

birds

Calypso bulbosa
vesc. place

Digitalis purpurea
Glossy-leaved bellflower
Listera caerulea
Campanula scouleri

roadside

Carex sp ?
Veronica beccabunga var.
Sagina apetala procumbens
Capsella communis
Cardamine oligosperma
Trifolium sp. (inexp.)
Hypoxis discaea radicans
Athyrium filix-femina
Blechnum spicant
Potentilla aquatica

Ceratium sp ?
Ranunculus incharatus
Pomellia vulgaris
Veronica scutellifolia
Plantago lanceolata
Ranunculus (repnd.) terrene
Noekringia macrophylla separate leaves
Anaphalioides marginata
Monotropa sibirica
Osmunda cinnamomea

SE X4 wetland

Myosotis laxa

Viola palustris

Veronica stricta

Collomia sp. heterophylla

forest

Athyrium filix-femina

Scroph. (nic)

Viola sempervirens

Colch. Triplidium

4 hrs

May 15/99

Savanna

Ecological Reserve
foray

5 hrs

vascular plant additions

Adonis caerulea bicolor

Ollottropae angustifolia

Hypopitys Monotropa

released *Sanicula bipinnatifida*

assoc *Trifolium macraei* 40 plants

Fabaon sepiaria

Plagioscilia tenuifolia

released *Sanicula bipinnatifida*

~ 140 plants

UTM 100488790E 5401980N

May 23/99

Savanna

5 hrs ER

collection from moss mat on new Mt Tean off Hike road

May 23/99

2903 HT, RT

Aspidotis densa

moss mat on N slope unnamed hill, Savanna Island

137

North-facing moss bold

aspect ~~SE~~ 15°

slope 20%

elevation 220m

UTM 100486356E 5403862N

notes: associates: *Ollisia capnum*

Dodecatheon pulchellum, *Myosotis discolor*
Saxifrage reticulata, *Selaginella*
wallacei, *Montia fontana*, *Minuartia tenella*
Cianthus bicolor, *Mimulus guttatus*
Camassia esculenta, *Mertensia paniculata*

~50 clumps in moss meadow

30x 30m

May 27/99

✓ also 4 clumps of *Canarina sanguinolenta*
Sawara I. sighted around W & S cliffs of Mt
in 38 (Tea Stk) 500 ft

no collection - all on inaccessible ledges

May 1st/99
ER

June 15/99

Sawara

SEX 4 ER. birds at boundary

Wrentit

Song sparrow

Townsend's Warbler

Northern Flicker

Pac Slope Flycatcher

Harry Woodpecker

Chickadee

Crossbill ~~crossbill~~ Crossbills Flycatcher

Wilson's Warbler

Robin

Vireo Thrush

Plot 1 polygon 20 nominal
slightly up slope from road ravine

Plot 2 polygon 13 nominal

down polygon 13 to

obs *Mimulus moschatus*

Tiarella trifolia

Ribes cereum

Cardamine occidentalis

Athyrium filix-femina

Plot 3 polygon 16 nominal

abs f photo *Alliaria officinalis*

coll *Pyrola chlorantha* —

at 101 438 843 5402 114

just starting to flower coll again in week

Obs *Clarkia purpurea vinnae*

several hundred flowering along
ridge over ~ 300 m ravine to Campbell
house

4 hrs

139

June 16/99
STATION

locations UTM's ER polygons

3	480380	5403595	18	488860	5402625
4	487805	5403460	15	488910	5402700
5	488325	5403420	16	489000	5402660
6	487790	5403355	17	488525	5402610
7	487985	5403320	18	488605	5402535
8	488275	5403140	P0-A	488032	5402486
9	487750	5403100	20	488500	5402435
10	488290	5403000	21/1	488895	5402380
11	488775	5402910	21/2	488910	5402220
12	488595	5402580	22	488655	5402200
13/1	488785	5402710	23	488810	5402235
13/2	488730	5402760			

16/19 E border 489260 5402535

19/21 E border 489250 5402340

June 17/99 ER SEYF polygons

Same

to polygon 17 - GPS wandering width
up to 20m?
all stage b

Western Tanager

(AD)

S end of polygon 12

Western flycatchers

Townsend's Warblers

to polygon 18 — root rot area

plot taken ~ 50 m E of flagged

boundary - GPS useless up to 120 m
wander

lower edge of polygon w/ some
~~Stage class~~ 7 forest

obs edge of polygon 20 to 3

Dryopteris assimilis expansa
Tax aquifolium

polygon 3 approx flat

5½ hrs

June 8/99
Sourna

ER SE 1/4 polygons

polygon 12 appears to be stage 6 40-50 m

~15% open mossy areas in N part near creek.

June 18 cont

Savanna

Polygon 13B lower part

009-13B

stage 7 - forest smaller trees
than 13A plot mid grass - Canna?

Birds of Day - steady calls

Western Tanager

Townsend's Warbler

Winter Wren

Thrushes

Pacific Slope flycatcher

plot 010 polygon 15

whole polygon ~30% 6 70% 7

very little undergrowth good mixed
age regen

plot 011 polygon 16

stage 4 w/ remnants of stage 7 ~10%

Band-tailed Pigeon heard

plot 012 NE lobe of polygon 14

stage 6 forest w/ no under growth
of little regen - dense canopy

June 21/99

Santana BC

NW 1/4 ecological Reserve

Polygon 1

~ 20% flat

~ 30% 70% + slope

uniformly logged - pole regen &
large stumps - previous logging
some spring board stumps

1 1/2 hr

June 22/99 SEYA ER

12:30

into polygon 22

SW corner open class 6 forest
w/ low solid & open grassy areas w/

Bromus vulgaris, *Melica subulata*, *Modia*
gaura, *Arthropodium strictum*, *Gilia*
triflora, *Odeonanthes bicolor*, *Molinaya macrophylla*
Pseudognaphalium ~~equitatum~~ bit of *Kidbergia* &
Hydrocotyle ~ 30% of small corner area

further in *Hydrocotyle* moss opening include
mossy

Tiarella trifolia, *Odeonanthes*, *Gilia triflora*
Festuca subulata, *Trientalis* *Tapirion*
bit of *Urtica dioica*, *Campanula scouleri*
Corallorrhiza maculata

(143)

June 22/99
Savanna

S side stage 6 forest w/ med flwr
understory

N side stage "5 but w/ med open
canopy & lots of flwr regions

search for upper end of polygon 13

good stage 7 forest above place 002 foot

edging in to stage 4 flwr region which is

(W) boundary of polygon 21 - but
natural boundary of land.

-13 leaves drainage at this

PT. → upper 13 unrelated

+ to rest of polygon

stage 6 w/ mix of 4 forest

collection

June 22/99 HT, PJ

\$2904

Pyrola chlorantha

200 m N of Brown Ridge crest
3.2 km E of summit Savanna I

(A9)