

April 23/98 Rock I

*Allion angulosus*  
population ~1500 over 10x20 m

April 23/98 HJQ  
# 2883

*Allion angulosus*

Mount Isa

pockets of wet organic matter between rocks

aspect: S

slope 2%

elev. 2m

UTM 100 393900 5499386

notes

4m<sup>2</sup> in 14 clumps

~500 flowering stems

~1500 plants

of *Mimulus gracilis*, *Sedum lanceolatum*,  
*Fritillaria lanceolata*, *Ceratodon purpureus*

April 23/98

# 2834

Sagina

Douie Bay N. Island, Texada  
cath. rocks in rock, basalt  
aspect 80°

slope 60%

elev 3 m

UTM 10 U 399248 5499000

notes: w/ *Eriogonum* spp., *Fesuca rubra*

50 plants

*Stellaria nitens* obs same island

April 23/98

# 2835

*Morina howellii*

Hole Bone Pt, SE pt of Whale  
Hornby I

tiny pockets of mineral soil in conglomerate

aspect 34°

slope 40%

elev 0

UTM 10U 383944 5487457

notes isolated plants in pockets in conglomerate  
at sea level w/ *Sagina decumbens*, *Morina*  
*Poa canescens* open 100 sq m ~200 plants

(11)

April 23/98

obs for Whidbey San Bay

*Myosurus minimus*

*Sagina procumbens*

T. Penny has details

on Downspout, Hornby

Aster callosus

3 pops 20x2 10x2 & 2x2 area

May 9/98

Savannah

May 9/98 HT, Tay 005

# 2886

Liseja canina

Ecological Reserve #15, Savanna Island

Mossy forest old growth forest  
aspect 355°

slope 25%

elev 290m

UTM 10U 488640 5402840

notes: About 20 plant w/ more abundant  
L. canina, ~~stage~~ stage 6 forest  
(WTF x m 03); dominants FO, New  
Kingbergia oregana, Festuca occidentalis

(cont) *Milicia subulata*, *Gilia triflorum*, *Lisium cordata*

May 16/98

Southern

small roadside fence & ditch above  
~300 m up road from upper ER boundary

May 16/98 TJ

# 2887

*Erysimum hornemannii*

km. 2.7 Staples Road

roadside ditch in f.d. Salal forest

aspect  $210^\circ$

slope 5%

elev 300m

UVM 10U 483414 5402595

found May 99

at NE corner of

SE ¼ of ER

abundant on log roads

also found on home driveway

Notes: 10 plants w/ *Elymus glaucus*, *Veronica serpyllifolia*, *Senecio jacobii*, *Brunella vulgaris*

May 16/98 TJ

# 2888

*Cardamine occidentalis*

km 2.7 Staples Rd

small gulch in f.d. Salal forest

aspect -

slope 0

May 6/98

#2888 cont

Sawarna

984'

elev: 300m

UTM: 10U 488464 5402610

notes: about 150 plants on wet in dry meadow

w/ Carex oblonga, Athyrium filix-femina  
Calliergon sp., Callitrichia heterophylla  
Franseria

June 2/98

Sawarna

SE 1/4 of El NW corner post S + SW corner

fen at corner split.

Carex oblonga	, Timus ensifolius
Mysotis laxa	Hypnum revolutum
Carex sp (McClowiana)	Potentilla anserina
Viola palustris	Viola McCloskyi
Veronica scutellata	Chrysanthemum leuc.
Aethoxanthem odoratum	Mimulus moschatus
Ranunculus repens	Galium trifidum
Cystopteris fragilis	Equisetum arvense
Athyrium filix-femina	Veronica serpyllifolia
Campanula scouleri	Alopous sp?
Galium triflorum	

in rock steep outside w/ mounds of Chrysanthemum

Ceratium marans

Trifolium variegatum

birds at far:

Song sparrow

Townsend's warbler

Pacific Slope flycatcher

uphill 100 m. from corner

Robin

Townsend's Warbler

Song Sparrow

(gold crowned) Kinglet

Pacific Slope flycatcher

flat of ridge

Townsend's Warb.

Robin

Turkey Vulture soaring.

Song Sparrow

Wilson's warbler

Swallow sp.

Winter Wren

Red breasted Nuthatch (obs)

Blue sided flycatcher

Northern Flicker

down to drainage channel

(cont) ER SEX W boundary

Chavez / gg

Sacramento

unknown - call  
puca-puca - cheewee  
sharp & loud, no buzz

uphill to next road opening

Song Sparrow

Townsend's Warbler

Red Breasted Nuthatch

Wilson's Warbler

top corner

Pacific Slope Flycatcher Townsend's Warbler

Dark Eyed Junco Spurred Towhee

NW Crow

Song Sparrow

Olive side Flycatcher

Red Breasted Nuthatch

North Flicker

vegetation change to moss meadows shrub open  
w/

Hylocoma sp.

Ladbergia orange

Brown vulgaris

Melica silvestris

Fragaria occidentalis

Anthonoxanthus odorus

Adonis californica bicolor

*Viola sororia*  
*Gaura biennis*  
*Osmorhiza divaricata*  
*Lactuca muralis*  
*Prenanthes aquatica*  
*Fragaria vesca*  
*Polygonatum multiflorum*  
*Campanula scordifolia*  
*Hieracium albiflorum*  
*Rosa gymnocarpa*  
*Asplenium cuneifolium* = *munitum*  
*Ranunculus esculentus*

Same observation as clearing at corner of  
4 sections of ER

June 2/98

Annis Flamingbird  
single female

June 13/98 SE 4 of SW corner Traveler's Inn

Saturnia

~~birds at corner~~

Townsend Warbler

Olive-sided flycatcher

Kinglet

Pacific Slope flycatcher

Red-breasted Nuthatch

Northern Flicker

June 13/98

Saurma

ER cont

June 13/98

Saurma

Birds

obs. pine drops *Hypopitys monoptera*, *Pyrola picta*  
*Chimaphila menziesii*, *Lycopodium clavatum*  
Wrent Wren

June 14/98

Saurma

Mt Teas & like

check Ollium amplexans

- site in highest meadow - only single flowering stem found  
10U 486215 5403664
- site in lower moss meadow to NW  
also single fl stem seen  
10U 496074 5404077

new site obs only

June 14/98 HTJ

not / obs only

Ollium amplexans  
mossy fld. NW slope  
in dry fd, pl forest.

Mt Teas & like, Saurma I

aspect 340°

slope 30%

elev 260 m

UTM 100 486177 5403864

June 14/98

Soane

Notes: moss/grass opening in forest 20x10m  
dominants *Antennaria* *hexameres* *odorata*  
*Allium* *cernuum*, *Hylocoma* *splendens*  
*Polygonatum* *trifoliatum*

*A. cernuum* very abundant, A.a.  
only on one small cliff.

70 plants in area 1m x 4m

associates: FD seedlings, *Camassia esculentus*  
*Listera cordata*, *Gaultheria shallon*

June 14/98 HJ, PT

# 2339

arnoldii

*Parmotremma* diverse

- large horizontal branches of FD at top of S facing bluffs
- Brown Ridge, Saurum I

aspect 190°

slope -

elev 320m

UCM 100 488716 - 5401997

Notes: on large FD w/ large horizontal  
branches assoc. *Parmelia sulcata*

*Usnea*, *Platismatia glauca*

continuing E of UCM on ridge to at least

WU 489704 5401911 W on ridge to at least

WU 487260 5402403, Only FD, not Maple or Oak

on all down slope FD as well & largest on ridge forest  
edge

(119)

June 14/98 HT

# 2890

*quadra-rimosa*  
*Clarkia rimosa* (?)

dry open s facing bluff, near ridge

Brown Ridge, Saorna I.

aspect  $190^\circ$

slope: ridge top ~10% to 50% downhill

elev 320m

UTM 10U 488406 540206(

notes: Several hundred spread over  
200 m. w/ *Antennaria oblonga*  
*Bromus sterilis*, *Bromus hordeaceus*  
*Festuca myuros*, *Aira canariophylloides*

June 27/98

Saorna

log road in F. Williams S of crown (and)  
block C <sup>midway</sup>

check - loss w/ *Deschampsia elongata*  
*Vulpia myuros*, *Holcus lanatus*, *Veronica*  
*Scrophularia*, *Gentianella shallon*

June 28/98

to *Ophrys fassanii* NW 1/4 S 11

fewer places & more *Poa polystachys* in  
bank - Op. p. out in to *Collomia*

(120)