

Tuesday 3/03



searched area of whole grove  
~100x200 m - no more found

slightly down hill

2953

*Brodia howellii*

100 453775 3401758

alt 25m aspect 220 slope 5%

6 plants obs. coll & photo

assoc. Quer gav, Symp alb,  
Saxifrage, Eriogonum, Muell ssp  
Trit mya, Alliace, Violas  
Olmecas, Brom sp., Rosagym,  
Elym gla, Name par.

Mr Treadwell Reserve

(194)

*Clarkia purpurea* obs yes

11 plants old site + 0 ~

45m were still below ridge

June 14/03 Cedar Hill area

June 15/03 Saravna

recheck *Yabea microcarpa* site  
call 2954

for UTM 10U486624 5402481

day 243 (mp) slope ~ 30% aspect 260

open grassy slope w/ *Veraea* Fd  
small # *Quercus* above

assoc *Brom* sit, *Brom* sit, *Brom* hor  
*Gravarol*, *Cynocri*, *Stelma*,  
*Galiapa*, *Osmochi*, *Craart*,  
*Plecton*, *Holclau*, *Veraea*,  
*Gymndy*, *Trifmeph*

~2000+ plants area 20 x 60 m

mostly along soil below rock outcrop?

June 18/03 Galloans

across bluffs between Mary Ann & Matthew's Pt.

obs Thysanocarpus curvipes  
loss of *Cladonia cinnabarina*

2955 col. *Agoseris glauca*?

COU 475 74.3E 5412250P

el 110m slope 80° aspect 225°

on steep conglomerate cliff

open Fd - Qg woodland

w/ Bromste, Volp frø, Cynoacii  
Alliamp., Ceratodon, Eryngia  
Epilobium par

several plants flowering  
- no seeds seen.

(196)

Jun 18/03  
Golds  
ton

Tonitis located ①

475795 5412185

11. coll - fair am

Microseris located.

295b Seed coll only  
photos

1011 475844 5412145

elev 24m (asr)

slope 70% + aspect 215°

2x5 m area - lower HI plants  
cliff top upper dead FJ

w/ Bromus, Cypero, FJ (dead)  
Querqvar Cynodon, Ionidis,  
Elym gla, Galapxa, Trif id  
loma cor, Lych cor,

+ additional 18 plants 1x1 m  
Same 25 m E along cliff tops

(July 8-2005)

### 3rd Mikasa's site

COU 475 772 5412257

60+ corner  $\rightarrow$  550+25 x 15m  
downhill

Fd-Mb-Qg woodland

very steep conglomerate ledges/cliffs

Agnocci, Brownste Browning,  
Cordilis, ~~Madrigal~~, Madrigal,  
Elyngale, Cavacava,  
Lotus mic, Lychnocor

slope 80% + to conglomerrate  
dev -50 m. aspect  $\pm 25^\circ$

### Galiano Bluffs Park

2001 ~40 plots / 3x4m

COU 474 968 5412721

58 meters aspect 195

slope  $\Delta > 60^\circ$

198

Fd-Mb-Qg woodland open  
grassy conglomerate cliff

June 8/03 cont

assoc Brown stz, Hyparrhenia, Cyperaceae  
Selaginella, Madia, Cyrtisus  
on very steep conglomerate rock outcrop

Pop 2 habitat as #1

10 474982 5A12716

350+ plants 25 x 20m band  
same assoc + Lychnis  
Lamium, Aira car,

obs Molica smilii in old open  
Fd forest 70% slope ~90m  
open forest w/ grass under  
inc Molis sub Dacrylo, Elyngia

June 9/03 Salt Spring I

Mr Maxwell Ecological Reserve

①

Yucca missouriensis

100 460767 5406499

slope 60% aspect NNE 380m  
(meep)

open grassy Oak woodland

June 9/03 cont

salt spray

associates: *Cynodon*, *Galiogea*

*Osmunda*, *Lomatium*, *Antennaria*,  
*Elymus glaucescens*, *Sanicula*, *Hypoxis*,  
*Carex*,

7 B-plants - area search - no more  
(in vads).

habitat photo DSNT 1553-1555

additional single to few scattered  
down slope under Ag -  
outside ER fence - under Ag in  
Wd grass

15 species

100 460731 5406437

as above slope 25°, 350 m elev.  
map

dom: *Cynodon*, *Dactylis*, *Vicia sativa*  
*Crassula*, *Erva car*,  
coll made

#2957 Yaber micro camp

200

scattered in clump of 5-10  
through Oak woodlands to NE

add Utah COU 460447 8406543

GPSel 320m ~~map~~

limited to greener/wetter grass  
mostly close to Oaks or rocks

— 280m map

+ turn back @ COU 460255 5406608

270m, but still regular as

& habitat continues to NW

so plants probably also

near last Utah lots of *Medicago sativa*  
under Qgr.

additional boundary PT

COU 460774 5406335 320m  
~~map~~

to EAST stands of several mixed  
under FJ groves

becoming much more common to E

MAX TOE still common when under  
Oak fairly abundant.

COU 461304 5406009 330m

420m  
~~map~~

June 20/02 Mt Taiman for  
Yabera - no wider  
loss of good habitats &  
lots of Torills.

## Reginald Hill

2958

Davutkoni - in terrain

open grass bands on summit  
w/ Carex, Hypothelium, dura car  
Anthodo

100 468 179 5401358

220 m  $\sqrt{mop} = 9.1^{\circ}$   
open fjd - Ambrosia

woodland

2959

Yabera micro carpa

in Qig-fjd woodland, open  
grassy

100 468 271 5401151

elv 120 m  $GPS 190 m mop$   
slope 20%  
aspet 195°

(202)

June 20/03 cont

Regnold Hill cont

associates: *Cynodon*, *Elymus*  
*Panicum*, *Saniva*, *Vicia*  
*Galanapa*, *Dactylis*, *Lgt Fd*  
*Poapra*,

4 plants obs -

15m down slope under Ag  
another 10 plants

*Allium angulosum* Regnold Hill  
under oak 30 stems fl.  
coll for GA.

10J 468 298 G 401012

second dump down hill w/ 33  
130 m al-map.

(203)

~~id only coll of~~ *Panicum*

2960 *Panicum oligosanthes* var  
scribnerianum UTM as  
above for *Allium*.

26/03

— Mr. Norman

no location for Yaber -  
some habitat.

coll moss from Goulder in  
fr dry forest between  
Fd/Qg outcrop areas, unsat

— Plagiomnium venustum

— Mill Hill. obs Clarkia  
pulchella ground.

— Cowichan Garry Oak Reserve.

no Yaber obs. — some habitat.  
lots of Dactylis  
several Brodia howellii

Viola brownii still in  
leaf.

second dump *Yabea microcarpa*

8 places at ridge crest

w/  
Elmwood, Care and Torrijas  
Phytol., Bram St. & Louis

Ara. pro. Festus

slope 10% elev 300' exp 250

100 472.106 5413.136

additional dump of 9 40m west  
on ridge.

general - few along ridge &  
along in *Sedum* at  
ridge edge.

Aug 31 / 03  
collect Cladonia

Purpureo seeds

① 100 488409 5401987

(206)

July 30/03 Mt Sutile

loss of *Melia leonardii*

*Tonilia japonica* widespread.

2961 *Yabea microcarpa*

Mt Sutile @

100 472038, 5413215

# 18 plants

elev 168m aspect 260°  
slope 70%

associates *Broussia*, *Coraoran*,  
*Vulp. bro.*, *Venofice*<sup>att</sup> *Loto mic*  
*Galiapa*, *Selawal*, *Mimulus*  
*Epilimn*, *Tonifap.*, med

Canopy 50% Qg, Fd

↓ more