

Aug 23/97

Toxada I

Aug 23/97 HTRT
2856

Botryridium lanceolatum
Mt Shephard Rd

seepy roadside on rocky
outcrop - FJ, Hvs forest 5-10m
aspect 45°

slope 30°: 55%
elev 670m

UTM 10914386E 5488616N

Lat lon 49°32'39"N 124°11'00"W

NOTES: 5 plants growing w/
Lycopodium clavatum, *Hypozia*
scidens, *Botryridium multifidum*,
Ophioglossum pusillum,
Hypericum canagaloides

Aug 23/97 HTRT

2857

Ophioglossum pusillum

as # 2856

Note: 12 plants. habitat & associ

as # 2856

Aug 23/97 HT, PT, JS

2858

÷2 = 2862

Lycopodium alpinum

Mr Shepherd Rd

mossy rock face w/ seepage

Aspect 350°

slope vermicular (edges)

elv 740m

L#3

UTM 10414342E 548832N

Lat Lon 49°32'29"N 124°11'02"W

notes: 2 ^{"sq"} meters of plant mixed

w/ *Huperzia occidentalis*, *neuroleptos*

Lycopodium clavatum, various

leafy liverworts, *Blechnum spicant*

Juniperus communis, # 2859

Aug 23/97 HT, PT, JT

#

2859

Lycopodium annotinum

all as # 2858

5 plants only mixed w/ others above

Aug 23/97

Texada I

06s *Tsuga mertensiana*

just below Cathedral Lake

coll

Aug 23/97

2860

Juncus supiniformis

Mt Shepherd Rd

wet shade in rd.

aspect 170°

slope 0

ele 770m

2860 UTM 10414239E 5488312

Lat Lon 49°32'29"N 124°11'08"W

more about 1 sq.m. w/ *Trifolium*

austriaca, *Juncus effusus*

Viola palustris *Ara cariophyllea*

Aug 23/97

2861

Penstemon Davidsonii

Mt Shepherd Rd

rocky outcrops f-wood side

under flw, f d f *Tsuga mertensiana*

aspect 180°

slope 30°-50°

(77)

elev 740m

~~2861 L23~~

UTM 10414342E 5488327N

Lat/Lon: $49^{\circ}32'29''N$ $124^{\circ}11'02''W$

notes comm on on Cathedral Cr. area

w/ FD, Hw, Hm, *Juniperus communis*

Obs Cathedral Lake cliffs
Saxifraga ferruginea

Aug 23/97 HT

2862

Lycopodium complanatum

Mr Shepherd Rd

mossy rock face w/ seepage

Aspect 350°

slope: vertical w/ ledges

elev 740m

UTM 10414342E 5488327N

Lat/Lon $49^{\circ}32'29''N$ $124^{\circ}11'02''W$

Note:

about 1 sq m of plants mixed
w/ *Lycopodium alpinum*, *Hypoxia*
halepaea, *Lycopodium clavatum*
various leafy liverworts, *Blechnum spicant*
Juniperus communis, #2859

Aug 23/97

Torada I

Aug 23/97 AT, PJ

2863

Gaultheria humifusa

Mr Shepherd Rd

seepy banks in Fd, tw, Hm forest

Aspect 180°

slope 30° - 50°

elev 740 m

UTM 10414342E 88327N

(lat/lon 49°32'29"N 124°11'02"W

notes forming mats in open areas under
young fir-hemlock forest 5-10m trees

associates *Pentstemon Davidianii*

obs Autremaria along Mr Shepherd Rd
no flowering material - probably

microphyllous but could be another
member of alpina group -

wf sites

J. Dove - Angel L Rd pop Wf. report n/12 large w/
smaller.

Aug 24/97 - Lower Cook Bay rd. rep. large, luxuriant
wfo II

Wf. notes colony
- possibly additional colony & N of Manan Pt w/ equisetum
in swamp.

- Surprise mt. - rep. with colony many mature plants
wfo I (3) (79)

John Dove (Cont)

~~Aug 24/97~~

- ~~Texada I~~ - Waterfall plants in side channel
below falls. in bed of creek
Wfo 14
- School Road pop - single on rd Wfo 15
now destroyed. population SW Wfo 16
of cross road w 12 plants
 - Mt Pocahontas single plant ~1000' (330m)
 - School Rd 2 single plant on R
 - E of first stream crossing Wfo 18
 - 3 plants upper Grillies Bay site
now destroyed Wfo 1
 - Blubber bay old logging rd - no details
 - roadside below Mystery L & 3rd Lake
single plant. off Aug 97

Shingle beach Rd Hydronaut
a 1.3 km SE of Hydronaut
lost site in quarry

~~Aug 24/97~~

~~Texada I~~

Obs Granby Lake

shore Myrica, Carex lasiocarpa, Typha
some Spiranthes, Dulichium ar.

floating: Nuphar, Brasenia w/
Potamogeton amplifolius, P. natans
P. epihydrus, P. pusillus, P.
Najas flexilis, Polygonum amphibium

Aug 24/87

Texada I

Aug 24/87

2864

Utricularia gibba
Granby Lake

Wfo17

under floating mats of *Brasseria*

& *Potamogeton amplifolius* within
5-10 cm of surface

Aspect -

slope -

elen 72m

UTM 10391300E 5505850N

Lat Lon 49°41'44"N 129°29'56"W

Wfo19

Wfo20

Wfo21

Wfo22

Wfo23

NOTES: sparingly but uniformly distributed
in *Brasseria/Potamogeton* mats all around
boundary of lake & around islands.

Associates *Brasseria schreberi*,
Potamogeton amplifolius, *U. minor*
covering ~ 1% of 45 ha lake

reservoir for Gilkes Bay watershed.

Princess Lake

Obs

Potamogeton rotundifolii

Lysimachia Thyrsiflora

Granby Lake obs.

Aug 24/97
2865

Tallgrass cov wsh

~~Marble Bay~~ Sturt Bay Lagoon

mud flats & banks at head
of bay

aspects —

slope 0

elev 0 - high water mark

UTM 10 386400 5513500 N

Lat/Lon 49°45'48"N 124°34'39"E

notes:

associates *Salicornia virginiana*

Atriplex patula *Tumus gerardii*
subspicata

colonies in m x m 0x1, 1x1, 1x4

3x4, 20x3, 1x1, 1x2, 4x2, 1x1, 4x2

10 patches + some small dumps in
lagoon area > 100 sq m coverage

Aug 24/97

2866

~~Ruppia~~ *Zostera japonica*

loc. & condit as # 2865

(62) notes 2 colonies .5x.5m on mud flat

obs

Cuscuta salina

Central road near entrance to Imperial
Cement quarry
in Carex obnupta

obs *Glyceria grandis*
Carex sibirica

Aug 24/97 H.R.J.J.

2867

Aster subspicatus

Central Rd at Imperial Cement
Quarry
dry road side & in Carex obnupta
fens

aspect —

slopes

elev 100m

UTM 10 389651E 5510709N

Lat/Lon 49°44'19"N 124°31'53"W

note: associates Carex obnupta

Carex rostrata, *Carex sibirica*
Lysichiton am., *Glyceria grandis*

5 sites

Sept 13/97

Savanna I.

Check collection from
John Priscilla Lake

UTM 10488220E 5403807N

Atrialaria minor w/ *Eleocharis*
polystachys, *Typha angustifolia* & *Canex rostrata*

Sept 13/97 HT, RT

#2868

Lemna trisulca

Savanna Island, Money Lake Reservoir
In shallow water, mud bottom
dumped on floating & emergent vegetation

Aspect -

slope -

elev. 160 m

UTM 10486875E 5403733

lat/lon 48°47'11"N 123°10'43"W

50 clumps observed clumped on floating
Alopecurus & stems of emergent *Eleocharis*
polystachys stems?

* obs Sept 5/99 abundant around entire
reservoir. *Lemna minor* completely absent?
+ *Spirogyra*

1998

Jan 15/98

Jan 15/98

ER 15 NW 1/4 up N Liberia (eg rd)

general common lichen coll

home forest

East pt

Winter Cove

~~Hypogymnia imshaugii~~ 001

~~Hypogymnia duplicata~~ 002

5 additional ~~imshaugii~~
of various forms others

~~Hypogymnia entomorpha~~

Platismaria:

glaucia

lauraei

norvegica

~~Hypogymnia apinnata~~ 003

~~Hypogymnia imactiva~~ 001

~~Hypogymnia viratula~~ 004

ad A. physodes

~~Cerrena chlorophylla~~

~~Valpicida canadensis~~

~~Cerrena coninxylon~~

~~Hypogymnia imshaugii~~

~~Parmelia sulcata~~, P. saxatilis

~~Physcia ascendens~~

East Pt rocks? P. bazziana? cassia

Xanthoparmelia cumberlandia

85

March 15/98

954
742

March 15/98

stops at islands between Saanich Penin &
Gorge & Fannie Islands, Killar Wole Pt &
Fir Cone Pt on Coal Island & Portland I
opposite Hood I & Brockman I
single coll from Brockman I prob
Allia amplexans

date
collectors

name
loc
habitat
aspect
slope
el
utm
note

March 16/98 Isabella Is., n. of Elbow Pt.
Nemophila pedunculata
Islets off Prevost

Prevost I. obs *Monia sparsiflora*
Monia linearis, *M. fontana*

March 17/98

Solspring I. Bugayone Bay

March 17/98 HJ. JP

JP252

Tortois arnensis
shoreline Bugayone Bay SSpt
mossy rock at sea edge

10 460300

5405666

aspect 218°

slope 35%

el 1 m

(80)

March 1988
S. Gulf Islands

NOTES: most flowers 4 petalled
50 plants in area

additional coll same location

19 MF

Nemophilla pedunculata

Habitat same as # JP252

Aspect 180°

slope 50°

NOTES: 40 plants ass. *Triticea lychnidea*
Gramineae, *Erodium cicutarium*
Lithophragma bulbifera

additional obs same as above

in umbelliferae

Toritis annua very abundant in meadows
S of Eskise Pt on Salo Sp I. w/ lots of
seepage - *Saxifraga rufidula*
Paeonia gardneri

Idol Is, larger *Lupinus bicolor*
few *Toritis annua* at NW end

Cog Sargent Island obs. *Trifolium macrocarpum*
2 plants only - no other interest.