

Mass. > 1000 associates *Carex* ~~virgulata~~
Myosurus *laxus*, *Rouellia* *virginicus*
Chrysanthemum *leuc.* *Fragaria* *vesca*
Ranunculus *macrorhizus*, *Ceratodon* *virginicus*
Eglofes *virginica*

Previous loc of *Malaxis*. *Ophioglossum*
& *Botrychium ascendens*

O.p. 300+ → -50

B.a. 10 → 1 only (located)

M.m. ♂ → ♂ ↗ "

add *Botrychium virginicum* to list of new finds

& *Triglochin palustris*, *Gymnocarpium* 3.

Only 5/99

Texas July 5/99 P.R., FTS

obs only

Malaxis monophyllos

Anderson Bay Rd., Texada I

boggy creek above *Typha* fen

aspect 140°

slope 10%

elev 600m

UTM 10V407354 S492286

157

Tuffy 5/99 cont

Texada notes: 7 individual associates:

Ophioglossum pusillum - BO

Trichilia inflata, *Pterostylis fuscida*

Senecio indecorus, *Ribes*, *Ranunculus uncinatus*

Viola palustris, *Bogriella multifida*

July 5/99 HT, PS, PW

obs only

Bogriella simplex

Anderson Bay Rd., NW corner of
lake formerly known as Bob's, Texada,
boggy stream side

Aspect 130°

Slope 10%

elv. 620m

● UTM 100407140 5494750

notes: 3 individuals associates

B. multifida, *B. longifolia*, *Hypoxis formosa*

Carex aurea, *Scopus microcarpus*, *Ribes* (?)

Hypolexis radicans, *Lacistema pubescens*

Cream brevistylum, *Fragaria virginiana*

Ilex glabra, *Rubus hispida*

Lycopus sp., *Ophioglossum* p.

(Carex 2910) *Myosotis laxa*

Mitchella repens

July 5/99 HET
2912

Thelypteris phegopteris 407010 5494830

as prev. obs. 100m up creek

notes: n 20 individuals assoc

Fragaria virg. *Borodinia mult.* *B. parviflora*

Ophioglossum p. *Prunella vulgaris* leading.

Cystopteris fragilis. *Athyrium ff.*, *Blkcham sp*

July 5/99 HET, RJ, RG

obs only

Borodinia parviflora

as previous
single plant seen.

July 5/99

obs only

Borodinia simplex

Anderson Bay Rd at pipeline by former Bobs L
rocky roadside

Aspect -
slope 0
elev 610 m

UTM 100407560 5494810

NOTES: 9 plant species seen, in dry rocky
road edge associates *Chrysanthemum*,
Tuncaea bufofornis, *Poa compressa*
Festuca rubra, *Rubus strigosus*, *Trifolium*
~~rubrum~~, *Erophila* sp., *Fragaria virg.*
~~menziesii~~
soaked bog below former Bob's Lake.

Malaxis not seen - ~~needed~~ *B. virg.*,
B. multifida, *Ophioglossum* p.

July 5/99 HKJ.
obs only

Botryridium simplex
Gas Pipeline Rd. Texada
small creek bed, drawing across
open pipe line cut

Aspect -
slope 27°
elev 610 m
UTM 100407687 5494675

(160)

42

Notes: ~~Epiphanes salina~~

associates: *Drosera rotundifolia*

Tufts effusus, *Tufts austrofolius*, *Carex* ^{viridula} ~~viridula~~

Paurandus flaccidus, *Veronica scutellata*
Sisyrinchium californicum

July 5/99

obs only

Boraginaceae simplex P.W. coll

Gas pipeline road, Topada I

boggy stream running over rock outcrops.

aspects —

slope 25°

elev. 600 m

UTM¹⁰ 407750 5494610

Notes: ~ 500+ individuals mostly in
masses at edge of water courses & on
drying shelves.

associates *Drosera rotundifolia*

Carex aurea, *Senecio indecorus*, *Mandarinia*

Ophioglossum p. Polystichum juniperinum, *Pilularia*

Malaxis monophyllos, *Fragaria viridis*

Rhamnomyces sp.

nearby *B. virg.* - *B. multifida*.

(61)

July 5/99
Texada I

Obs only

Malaxis monophyllos

as prev. in boggy areas
as water course goes over rocks
23 individuals

sedge fen 2+3 hundred m. 77m below.
500+ each *Ophioglossum* & *B. multifidum*

July 5/99 #57520

obs only

Borygridium simplex

Audens Bay rd. Texada I.
wet roadside adjacent to
small bog

Aspect -

slope < 1%

elev 625m

UTM 10V 401532 490 5494 906
494 906

Notes 80 individuals, wetly roadside

Taraxacum offic, Chrysanthem I. Plantago major
Ceratina hispida, Equisetum arvense
Poa compressa, Juncus ensifolius

obs same UTU on creek (W)
of Road

Thelypteris 2912 or 40 places
Molaxia monophyllos 1 place

Ophrys / *Molaxis* / *Cassiope mertensiana* ssp.

100 407 234 5495185 elev 610m

~ 40 L.c. relocated

few O.p. no M.m. seen
+ B. multifid.

July 5/99 HJ, PJ, PW

obs only
Borygridium simplex

Anderson Bay Rd or Bob's Lake

turn off

moist to dry roadside

aspect

slope 5%

elev 650 m

UTU 100 406776 5495482

notes: 20 individuals associates

Borygridium pinnatum, *B. lanceolatum* *Ophyoglossum*

B. multifidum, *B. x lanceolatum/furcifid*

Tunca ensifolius, *Chrysanthemum*, *Fragaria virg.*

Cladonia furcata, *Tunca effusus*

July 5/99 HJ, PD, ZC
obs only

as previous

Botryridium pilosum

4 plants obs

obs only, as prev.

Botryridium lanceolatum

4 individuals

obs only as prev.

Botryridium appears hybrid
multipedatum / *lanceolatum*

July 6/99

near *Ophioglossum*? f. B. wing.

in small wetlands at entrance to

Bobs Lake camp ground

406810 5495120
UTM 10 ~~406500 5195220~~

elev. 650m

at Tw of Bobs Lake

Botryridium multipedatum f.
Ophioglossum pusillum

UTM 100 406682 549A 83

July 6/99 HJ, DS

no call obs only

~~Botryridium pinnatum~~ ~~ascendens~~

Pipeline branch, Anderson Bay Rd, Texada
grassy bank of boggy stream

aspect 140°

slope 5%

elev. 615m

UTM COU 406556 5494686

notes: 8 individuals

associates: *Poa compressa*, *Festuca virg.*

Hypochaeris radicata, *Carex aurea*

Dianthus ensifolius, *Rubus hispida*, *Senecio*
indecisus, *Lactuca muralis*, *Chrysanthemum*

Torreyella pauciflora, *Gaultheria shallon*
Carex pallescens

Ophioglossum pusillum, *Botryridium*
mollificum, ~~*B. ascendens*~~, *B. virginianum*

Tagged # 848

~~July 6/99 HJ, DS~~

2 plants

~~obs only~~

~~Botryridium pinnatum~~

~~as above 4 plants seen~~

(65)

July 5/99
Texada
cont



July 5/99 HJ, PS
Obs only # 2913

Botrychium simplex

Bereewan River on bay R + Cook Bay Rd
Texada Island

Cranberry bog below carail marsh

Aspect -

Slope 10%

elev 590m

UTM. 10U 406619 5494369

Notes >1000 individuals beyond cont

associates: dense mat of *Oxybrycos* o.

Senecio macrocarpus, *Ophioglossum pusillum*

Botrychium multifidum, *B. virginianum*

Juncus ensifolius, *Hypericum canaginoides*

Veronica scutellata, *Drosera rotundifolia*

Sisyrinchium californicum, *Juncus effusus*

Zygizania tenuissima

July 5/99 HJ, PS

obs only

Melaxis monophyllos

as above 4 individuals seen

July 15/99 HJ, PJ

~~obs #~~ #2914

Botryridium ascendens
as previous

Aspect 225°

slope 20%

elev 580m

UTM CO 406580 5404353

notes: 150+ individuals, steep seepy slope
draining previous obs area

spread over area 10 x 70 m +

associates: *Botryridium virginianum*, mod.

Carex leporina, *Senecio indecorus*

Ostrya virginiana, *Thelypteris p*

Drosera rotundifolia, *Lycopodium*

Ribes laevigatum, *Rosa gymnocarpa*

Thlaspi Cw, Fd, thw to < 2m

Turritis eusifolius, *Fragaria vesca*,

Reedus cursivus, *Lactuca muralis*

Cystopteris fragilis, *Saxifrage douglasii*

widely distributed over broad slope in
(1, 2s, 3s ..)

July 6/99
Texas I

July 6/99

obs only #J,PS

Botrychidium simplex

as previous

rocky steep at edge of road

aspect 220°

slope 0°

alt 570 m

(00m SW prav.)

UTM 103 406630 5494290

Notes: 200+ individuals along road

Puddle associates: *Tofieldia glomerata*

Tonina falcatus, *Canex* ~~viscidum~~^{vitellina}

Oxycoceos sp., *Ledum glaucum*

Hypolepis sp., *Mitchella* sp.

Hypericum canaginoides

along 10m of road.

July 6/99 #J,PS

Obs only

Botrychidium simplex

as previous

boggy spot road of roadside