

July 18

D. Pendleton

	Hypnaceae		
	Asteliaceae <i>Sporangium perforatum</i>	1379	✓
	Sporangiaceae <i>Sporangium emersum</i>	1380	✓
	Cyperaceae <i>Scleria microcarpa</i>	1381	✓
	Compositae <i>Machaerina exigua</i>	1382	✓
	Compositae <i>Gnaphalium purpureum</i>	1383	✓
	Gramineae <i>Melica subalata</i>	1384	✓
	Equisetaceae <i>Equisetum hyemale</i>	1385	✓
	Cyperaceae <i>Carex obliqua</i>	1386	✓
	Cyperaceae <i>Carex pachystachya</i>	1387	✓
	Cyperaceae <i>Carex stipata</i>	1388	✓
	Cyperaceae <i>Acisus acutus</i>	1389	✓
	Cyperaceae <i>Carex vesicaria var. m.</i>	1390	✓
	Furciferaceae <i>Furcifer paludosus</i> var b	1391	✓
	Polygonaceae <i>Polygonum amphibium</i>	1392	✓
	Cyperaceae <i>Carex stans</i>	1393	✓
	Rosaceae <i>Spinacia douglasii</i>	1394	✓
	Labiatae <i>Lycopus virginicus</i>	1395	✓
	Primulaceae <i>Lysimachia thyrsiflora</i>	1396	✓
	Labiatae <i>Mercurialis annua</i>	1397	✓
	Gramineae <i>Puccinellia pacifica</i>	1398	✓
	Gramineae <i>Phalaris arundinacea</i>	1399	✓
	Orobanchaceae <i>Umbelliferae</i> <i>Anthriscus sylvestris</i>	1400	✓
	Cyperaceae <i>Carex pensylvanica</i>	1401	✓
	Polygonaceae <i>Rumex salicifolius</i>	1402	✓
	Compositae <i>Gnaphalium alpinum</i>	1403	✓
	Gramineae <i>Alopecurus aequalis</i>	1404	✓
	Fam. aciculosa <i>Juncus articulatus</i>	1405	✓
	Gramineae <i>Calamagrostis canadensis</i>	1406	✓
	Potamogetonaceae <i>Potamogeton natans</i>	1407	✓
	Potamogetonaceae <i>Potamogeton pusillus</i>	1408	✓
87	Compositae <i>Gnaphalium palustre</i>	1409	✓
	Juncaceae <i>Juncus effusus</i>	1410	✓

July 18
H. Pender

1929

Caryophyllaceae	<i>Silene</i>	<i>anorrhyncha</i> meria	1411
Leguminosae	<i>Vicia</i>	<i>nillosa</i>	1412
Compositae	<i>Sonchus</i>	<i>arvensis</i>	1413
Compositae	<i>Cirsium</i>	<i>arvense</i> var. h.	1414
Polygonaceae	<i>Rumex</i>	<i>obtusifolius</i>	1415
Polygonaceae	<i>Rumex</i>	<i>salicifolius</i>	1416
Gramineae	<i>Phleum</i>	<i>pratense</i>	1417
Polygonaceae	<i>Rumex</i>	<i>obtusifolius</i>	1418
Polygonaceae	<i>Rumex</i>	<i>crispus</i>	1419
Polygonaceae	<i>Rumex</i>	<i>conglomeratus</i>	1420

Savina
July 19

Leguminosae	<i>Lotus</i>		1421
Compositae	<i>Tanacetum vulgare</i>		1422

Extra coll from N Pender July 18

Malvaceae	<i>Malva neglecta</i>		1423
Collecting through salt marsh at inner cove of Ayott Harbor.			

Compositae	<i>Madia glomerata</i>		1424
Cyperaceae	<i>Carex capitularis</i>		1425

Panicaceae	<i>Triglochin concinna</i>		1426
Gramineae	<i>Puccinellia parvula</i>		1427

Gramineae	<i>Festuca arundinacea</i>		1428
Gramineae	<i>Oaothera biennis</i>		1429

Caryophyllaceae	<i>sporodochia canadensis</i>		1430
Winter Cove of reservoir			

Gramineae	<i>Agrostis canina</i> ^{var. major}		1431
Gramineae	<i>Puccinellia mutabilis</i>		1432

Salicaceae	<i>Salix sitchensis</i>		1433
Cyperaceae	<i>Syrpus americanus</i>		1434

Juncaceae	<i>Juncus ensifolius</i> var. ^{sp. major}		1435
Compositae	<i>Arenaria subserratifolia</i>		1436

Compositae	<i>Griadiella integrifolia</i> var. n.		1437
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July 26
Savina

Gramineae	<i>Agrostis canina</i> ^{var. major}		1431
Gramineae	<i>Puccinellia mutabilis</i>		1432

Salicaceae	<i>Salix sitchensis</i>		1433
Cyperaceae	<i>Syrpus americanus</i>		1434

Juncaceae	<i>Juncus ensifolius</i> var. ^{sp. major}		1435
Compositae	<i>Arenaria subserratifolia</i>		1436

Compositae	<i>Griadiella integrifolia</i> var. n.		1437
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July 27,
H. Pender

	Cyperaceae	<i>Schoenus maritimus</i>	1438
	Chenopodiaceae	<i>Chenopodium rubrum</i>	1439
	Gramineae	<i>Elymus mollis</i>	1440
	Gramineae	<i>Elymus glaucus</i> var. <i>jepsonii</i>	1441
	Gramineae	<i>Phalaris arundinacea</i>	1442
Pavia	Gutierrezia	<i>Gutierrezia umbelliformis</i>	1443
	Asteraceae	<i>Conyza canadensis</i>	1444
	Compositae	<i>Scirpus acutus</i>	1445
	Leguminosae	<i>Lathyrus palustris</i>	1446
	Malvaceae	<i>Sphaeralcea hendersonii</i>	1447
	Umbelliferae	<i>Carum carvi</i>	1448
	Leguminosae	<i>Vicia tetrasperma</i>	1449
	Chenopodiaceae	1450	
	Leguminosae	<i>Medicago sativa</i>	1451
	Fabaceae	<i>Trifolium pratense</i>	1452
	Gramineae	<i>Triglochin maritima</i>	1453
	Caryophyllaceae	<i>Spergularia marina</i>	1454
	Polygonaceae	<i>Polygonum perfoliatum</i>	1455
	Gramineae	<i>Agrostis capillaris</i>	1456
	Gramineae	<i>Agrostis alba</i> var. <i>palustris</i>	1457
	Gramineae	<i>Bromus rigidus</i>	
Aug 4		Jack's garden & also by Solano ridge	
Sausalito	Gramineae	<i>Bigonaria sanguinalis</i>	1458
August 7	Collecting from miners bay to wilders fields		
Mayne I.	Hand scrubby, road back + highway composite.		
	Compositae	<i>Madia glomerata</i>	1459
	Compositae	<i>Aster hispervis</i>	1460
	Orchidaceae	<i>Epipactis remota</i>	1461
	Compositae	<i>Cirsium vulgare</i>	1462
	Gramineae	<i>Cynodon dactylon</i>	1463
	Haloragaceae	<i>Myriophyllum spicatum</i>	1464
	Cyperaceae	<i>Symplocarpus mollis</i>	1465
	Gramineae	<i>Polygonum arundinaceum</i>	1466
	Compositae	<i>Aster subspicatus</i>	1467

Aug 7
(Mayne I)

Chenopodiaceae	<i>Chenopodium album</i>	1468
Polygonaceae	<i>Polygonum sachalinense</i>	1469
Compositae	<i>Asteriscus incubus</i>	1470
Compositae	<i>Chionophorus glaphyroloma</i> aliquos	1471
Compositae	<i>Aster subspicatus</i>	1472

R. Pender

Aug 10

Saturna

Aug 14

Salo Sps

1979

Chenopodiaceae	<i>Chenopodium album</i>	1468
Polygonaceae	<i>Polygonum sachalinense</i>	1469
Compositae	<i>Asteriscus incubus</i>	1470
Compositae	<i>Chionophorus glaphyroloma</i> aliquos	1471
Compositae	<i>Aster subspicatus</i>	1472
Coll. East Pt of Comox Bay fen		
Orobanchaceae	<i>Orobanche californica</i>	1473
Gramineae	<i>Agrostis scabra</i>	1474
Salo Sp Island Mt Bruce & Mt Taran., Fulford Creek		
Mr. Maxwell of Long Harbour		
Grossulariaceae	<i>Ribes lacustre</i>	1475
Grossulariaceae	<i>Ribes lobeli</i>	1476
Compositae	<i>Madia exigua</i> gracilis	1477
Gramineae	<i>Deshampsia elongata</i>	1478
Gramineae	<i>Agrostis humilis</i>	1479
Ranunculaceae	<i>Ranunculus flammula</i>	1480
Cyperaceae	<i>Carex vesicaria</i>	1481
Cyperaceae	<i>Carex lenticularis</i>	1482
Cyperaceae	<i>Carex arctos</i>	1483
Cyperaceae	<i>Carex deweyana</i> (?)	1484
Cyperaceae	<i>Carex vesicaria</i>	1485
Scrophulariaceae	<i>Veronica scutellata</i>	1486
Labiatae	<i>Lycopodium complanatum</i>	1487
Rosaceae	<i>Potentilla palustris</i>	1488
Dioscoreaceae	<i>Dioscorea rotundifolia</i>	1489
Cyperaceae	<i>Carex</i>	1490
Cyperaceae	<i>Rhynchospira alba</i>	1491
Balaniaceae	<i>Salix geyeriana</i>	1492
Cyperaceae	<i>Carex fostrata</i>	1493
Juncaceae	<i>Juncus ensifolius</i>	1494
Gramineae	<i>Alopecurus aequalis</i>	1495
Compositae	<i>Madia gracilis</i>	1496
Scrophulariaceae	<i>Veronica officinalis</i>	1497

Glyceria elata 1499A

	Primulaceae	<i>Trientalis arctica</i>	1498
Aug 15 Salo Sps	Gramineae	<i>Calamagrostis canadensis</i> var. <i>acuminata</i>	1499
	Compositae	<i>Conyza canadensis</i>	1500
	Compositae	<i>Grevillea</i> , <i>Grindelia</i>	1501
	Compositae	<i>Arenaria aboriginum</i>	1502
	Gramineae	<i>Polygonum pumila</i>	1503
	Polygonaceae	<i>Polygonum</i> fowleri	1504
	Compositae	<i>Ambrosia chamissonis</i> var. <i>bip.</i>	1505
	Compositae	<i>Aster subspicatus</i>	1506
	Compositae	<i>Cordia coronopifolia</i>	1507
	Cyperaceae	<i>Scirpus maritimus</i>	1508
	Compositae	<i>Matricaria chamomilla</i>	1509
	Saxifragaceae	<i>Linaria purpurea</i>	1510
	Gramineae	<i>Festuca subulata</i>	1511
	Compositae	<i>Linaria hypoleuca</i>	1512
	Gramineae	<i>Melica hirtfordii</i>	1513
Aug 14	Loranthaceae	<i>Urticula urticaefolia</i>	1514
	Crassulaceae	<i>X Othonna</i> crassulacea <i>palaestina</i>	1515
	Buddlejaceae	<i>Buddleja davidi</i>	1516
	Syrphidae	Bay & Montague salt marsh	
	Haloragaceae	<i>Myriophyllum spicatum</i>	1517
	Buddlejaceae	<i>Buddleja davidii</i>	1518
	Caryophyllaceae	<i>Spergularia canadensis</i>	1519
	Gramineae	<i>Puccinellia pumila</i>	1520
	Polygonaceae	<i>Polygonum fowleri</i>	1521
Aug 24 Tidbit	Turbo I solo meadow	<i>Ruppia maritima</i>	
	Potamogetonaceae	Potamogeton filiformis	1522
	Caryophyllaceae	<i>Spergularia villosa</i>	1523
	Chenopodiaceae	<i>Chenopodium rubrum</i>	1524
	Polygonaceae	<i>Rumex maritimus</i>	1525
	Compositae	<i>Cordia coronopifolia</i>	1526
	Chenopodiaceae	<i>Atriplex portulacaefolia</i>	1527
	Gramineae	<i>Doschampsia cespitosa</i>	1528

1980

① gal spike - 22 ft
 thin wall pipe $\frac{1}{2}$ " - 39 ft/ft
 12g wire #1/16 ~25 lb.

} per ex wire 12.
 posts 10.80°
 spikes ?.
 drilling ?.

JAN 25

check of 5 permanent plots for suitability
 for enclosure.

#1 good either on original site or slightly
 to the west drilling probably very
 for anchoring part rock or
 crops / part grass shallow soil.

#2 (?) 100 yd east part in shade of fir
 tree would regular rock drilling at
 upper end or stiff shape, mostly
 shallow soil grass — area just E
 on conglomerate rock poss more suitable
 grass with small boulders or never.

~~—~~ below tower to E several good
 wet spots by stream etc. but poss in sight
 of edge & tourists. all poss sites would
 require drilling for corner posts

~~—~~ several more good wet sites in
 pass bay to E of tower but well in sight
 of edge. largest nice area towards
 upper end.

— large area of deep soil above W end
 of big field very good looking — also
 more wet moss rock above
 smaller area to E but more out of view

— moderate deep grass areas below Timmy's
 old drive way most of way down w/oak trees
 might be nice in case of seedlings.

— more moderately good moss wet areas & way
 to house

— area above W end of ravine field good grass
 rock mix — higher up mostly dry moss areas

— west edge of ravine good grass - oak - edge
 of wet moss (small marshy) —
 old plot #4 area good dry moss overgrown
 3rd Navy channel hill above gallagabay
 very dry. At the creek bank above gallagabay
 Compositae Passiflora joponica 1529

March 30
Mayne I

~~On 3rd hill above Navy Channel~~
 Apocynaceae *Vincetoxicum minor* 1530
 Moraceae *Morinda fontana* 1531
 3rd hill above Navy Channel?
 Scrophulariaceae *Mimulus guttatus* 1532
 Portulacaceae *Calandrinia ciliata* 1533
 unpressed coll of *Thysanocarpus curvipes* - not abund.
 Mt Heck open face 2

Caryophyllaceae *Sedum acre* 1534
 Polemoniaceae *Microseris gracilis* 1535
 Crassulaceae *Athyrium pusillum* 1536

To the top of Mt Galiano. lots of *Gilia* *grandiflora*, *Lithospermum bulbiferum* med common. lots of *Athyrium pusillum*, *Saxifraga* *indigenifolia* & *Mimulus guttatus*

Scrophulariaceae *Mimulus alatus* 1532

Jewellaceae *Erodium cicutarium* 1533

Bellhouse park - lots of apparently *Brodia* & *Laurus*
 no sign of common *Artemisia medicaginea*

Graniaceae *Poa annua* 1539

To top of Mt Galiano & SE corner eccl reserve
 very dry moss rock out crop. sparse *Mimulus* alc.
 & *Gilia* *grandiflora*.

Portulacaceae *Marietta dichotoma* 1540

Saxifragaceae *Lithospermum bulbiferum* 1541

Up reginald hill - also very
 dry. below *Mimulus guttatus* *Barbarea orthoceras*
 in wet see page spot

102

Selby Sp I
April 2, 80

Regional list

Saxifragaceae *Saxifraga rupestris*

1542

Crucifera *Athyrium pusillus*

1543

Plantaginaceae *Plantago elongata*

1544

Up Mo Maxwell to Ecological reserve
and to Summit reserve very dry of Gave
mod abund *Crocidium* at summit.Crucifera *Erysimum scabigerum*

1545

Caryophyllaceae *Stellaria nitens*

1546

Polemoniaceae *Microseris gracilis*

1547

Crucifera *Draba verna*

1548

I.C. shank drive away

Cracifera *Arabidopsis thaliana*

1549

To Gowland Point grassy, gravel pt
exposed to SE wind. Abund *Artemisia*
~~campestris~~ ~~fusiformis~~ large clumps. lots of *Lupinus* sp.
& rush on eroded earth above high tide
line *J. boliviensis*?Populaceae *Populus tremuloides*

1550

Grossulariaceae *Ribes sanguineum*

1551

Bank above Hope Bay

Labiate *Lamium purpureum*

1552

Crucifera *Arabidopsis thaliana*

1553

Oaks Bluff: *Lithophragma parvifl.*
only, single *Drimicis* as above
generally mod lush lots of *Onoclea*
*Athyrium*Colchicaceae *Pachysandra procumbens*

1554

Saxifragaceae *Saxifraga integrifolia*

1555

Crucifera *Athyrium pusillus*

1556

Gramineae *Poa sandbergii*

1557

Leguminosae *Lupinus microcarpus*

1558

" " *Trifolium oliganthum*

1559

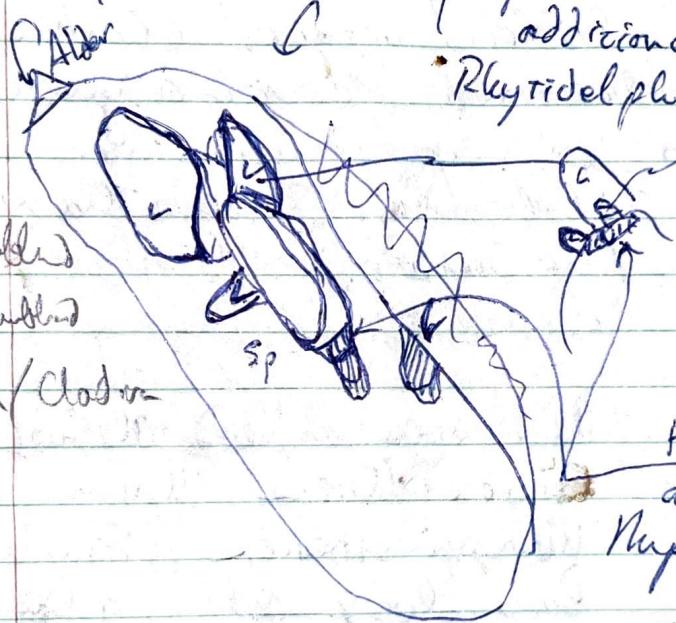
" " *Microcephalum*

1560

April 3, 80
Salvo Spring IApril 8, 80
S. Pender I

N. Pender I

leguminosae <i>Trifolium microdon</i>	1561
Portulacaceae <i>Glandularia ciliata</i>	1562
Orobanchaceae <i>Orobanche uniflora</i>	1563
Boraginaceae <i>Plagiobothrys tenellus</i>	1564
" " Sph bog. main bog area additional sps	
Salix & coal, <i>S. sitchensis</i> . Df. Wh, Cd. <i>Prunericola</i>	
Sa, Alder, Spruce, <i>Juncus effusus</i> , <i>Scirpus microcarpus</i>	
<i>Typha latifolia</i> , <i>Penicillium</i> sp., <i>Rubus ursinus</i> in sp.	
Ledum area of <i>Spizaea</i> area) <i>Lysimachia</i> (in spadyl)	
Carex additional moss <i>Hypoleium</i> sp.	
Rhytidophlebia, <i>Cladonia</i>	
Rhytidopore area	
by <i>drosera</i> , <i>oxyacors</i>	
much <i>Cladonia</i> little <i>Ledum</i>	
no <i>Kalmia</i> only <i>Prunericola</i>	
<i>Carex lassangesii</i> , <i>Potentilla</i>	
polyst. / <i>Scirpus acutus</i>	
and <i>Phragmites</i> <i>Typha</i>	
Mosses, <i>Juncus</i> (<i>Calitius?</i>)	



Arthropodium ff at edge w/
Salix & Sireal also *Rubus spectabilis* myosotis (Hypochloris?)

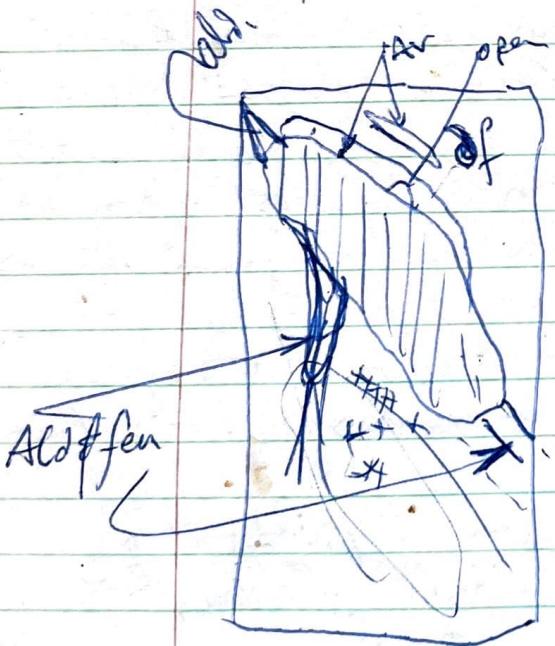
Slope above N of Lake Df, Sa Rosa g.
Maple m. Dr. Bromeliadg. Festuca v. honeysuckle
Madr m. (?) Berberis N. Surf Symphoric. *Rubus*
dry Df forest mosses. *Dicranum*, *Eryngium* etc.
Poly poly *Lathyrus nevad.* *Sedum*, *Lacistema* m.
Pachy Stima m. *Hieracium* albf. *Luzula*
Melica esp. *Habenaria* sp. *Aira ptc.* B. (pacificos?)
Rubus leucod. *Prunus emarginata* *Fritillaria*
Arabis glabra *Hedysarum* ~~Agave~~ *Cornelia* h.
Vicia sp.

April 11, 1980
Juliano
(cont.)

Ribes song., Lonicera cilicica

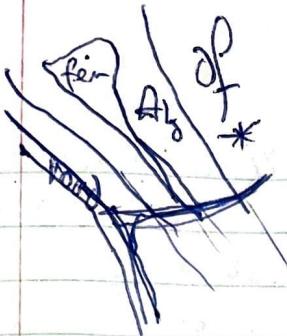
Sa Df Ar usual mosses

Ogn, Pipsisava, Linnaea borealis, Fesua &
Hedera L. Trifolial Hypochaeris r., Rosaceae
Achlys t. fragariae v. Salix sc. Vaccinium p.
Good yew ab. Ceanothus oligo- Cornus nuttallii
Wh every few small. Wh & more abund on back slope
Rubus L f. v. Arvenaria m. Calypso Vaccinium ovatum
Open exposed area on cliff Collomia pfg Oga
Festuca r. f. acic Trif! trif! & others
Microtus als. Stellaria mixta Clarkia amoena
Elymus gl. Veronica a. Plocosiphon congesta
Cochlearia p. Sedum sp. Grasian arv.
Galium sp. Delphinium, Selaginella w. Palisynum
Hedera L. Hypochaeris r.



Alder area at head of Surf Carex ob
Cirsaea Urtica Minuartia visigera
Monoclea sibirica, Stachys
Ranunculus r. Achlys galin trif.
Oenothera s. Epilobium (w?)
Rubus spec. Rosa multifl.
Adonis amurensis, Lactuca m.

Alder & fen Ald, Salix sp. sp
Surf, Mertensia dilat. Achlys Rubus spec
Zelkova sp. Equisetum t. Prunus amara, Berberis
Mentha sibirica, Rosa n. Achlyria Uff
In a small fen Spirea, Salix sp.
Scirpus microc. Carex stans Lysimachia
Oenothera galin trif. Mentha arvensis Achlyria Uff



additional sps old ffer
Urtica & *Ribes* div., *Ranunculus*^{crispus} *Sambucus*
Mystris L. *Equisetum* ar. *Rubus parvifl.*

* some maple on ridge also Cornus. *Ribes* J. f. *Olasar*
 Lat xxxx

Additional sps old forest on roads

Grevillea m. *Prunella*, *Poa* sp. *Candolirea* olig.
Stellaria red. *Coronilla* virga. *Rumex* ob.
Plantago Cym *Taraxacum* ^{other}, *Saf* *Ogert*
Cicindela sps *Senecio jacobae* *Cyrtisus* *Gnaphalium* m.

in of forest most S ridge *Reidia*

Viola sedp. *Montia* v. *Galium* triflor. *Cypripedium* s.
Collomia *Adonis californica* — still almost pure of *Juniperus*

also in S part old *Saf* & *Carex* ob up little varve



* *Ogm* occasional on S facing ridge tops only.

— lower section becomes steep. of (C) *Saf*
Vaccinium p. lots of *Acaia* m. *rosa* m. *polypodium*
Acer. *Adonis californica* *Urtica* *Mentha* s *Osmunda*
Sambucus *Ribes* spec *Lysichiton* *Tellima* g
Nemophila pr *Achlys*, *Carex* *brevier*

collections ↓