plant also a cerastium that may be viscosum or semidecandrum
all other need to be recollected
Collinsia parviflora var. alba below T.V. tower
decided Conatrium:
Umbelliferae Conatrium circulatum (poma-celery, common L.)

April 13 Trip up T.V. tower hill & 13th
collected red seeded dandelion, Crocidium, 9th mystery plant = meconella, and a new crucifer thysanocarpus.
Papaveraceae Meconella oregana (tiny poppy)
Cruciferae Thysanocarpus curvipes (lacepod)
Compositae Taraxacum laevigatum (red-seeded dandelion)

April 17 Collected more Idahoa & finally got Draba verna; also some Collinsia grandiflora from beyond Jimmy's Dayles. Found on hillside Calandrinia ~~on Lithophragma~~ ~~comm~~ abundant & numerous Orobanche on Lithophragma, Thysanocarpus also above dogwood.

April 18 Checked leaves of Lepidium virginicum at Taylor point & looked at abundant Orobanche uniflora below big field. Seem to be two kinds; one with yellow pigment & larger one without. Sedum lanceolatum (?) below big field also.

May 5 Decided to include new Sedum; also Sanicula from Greenbay collected
Crassulaceae Sedum lanceolatum var. versicolorum (lanceleaved sedum) 319
(27) Umbelliferae Sanicula ~~arctopoides~~ crassicaulis 320
(footsteps of spring)

May 10 Morning trip to Breezy Bay

Berberidaceae Berberis aquifolium (Oregon grape)

Trip to East Point in afternoon: new: Very large flowered monkey f. M. g. var. g.? Shooting star D. hendersonii? Death Camas, an Umbelliferae (Lomatium?) Boraginaceae, plant in sand. and a few not/or collected: Cerastium arvense, Camas leichtlinii, fritillaria lanceolata, Erythronium oregonum, Allium acuminatum, Ranunculus occidentalis, Gilia integrifolia, very few Plectritis congestus, Calandrinia ciliata, Lepidium virginicum ssp.?, Calif. poppy, opium poppy, Bachelor button, gorse, broom, comet all along road to E.P. also willow & Elder Cirsium arvense, Vicia sativa & americana an odd small grass on E.P. bluffs, small polygonum, unknown Rumex.

Lots of Lupine, Trifolium microdon tridentatum, & a new kind of Sanicula. Card status for some domestics at ~~[illegible]~~ East Point.

Papaveraceae Eschscholzia californica (C. poppy) 322

Papaveraceae Papaver somniferum (opium poppy) 323

Compositae Centaurea cyanus (bachelors button) 324

May 10 New Collected plants: 325

Small grass or sedge like plant with basal tuft of linear leaves & spikes (leafless) with fine face like horse tail cone. Each scale has sack with single seed

Ranunculaceae Myosurus minimus (mouse tail) 325

Clover from bluffs at East Pt.

(28)

Leguminosae Trifolium variegatum (white tipclover)
Small shrub in shady woods, East Pt. ? Vaccinium parvifolium
Leguminosae Lupinus bicolor
Showing scar from East Pt. Only few seen once place
Primulaceae Dodecatheon pulchellum
var. pulchellum (two flowered dwarf scar)
Saxifraga integrifolia & Prunus virginiana
also collected. Myosotis verna on sandy bank
Umbelliferae Cornutia nudicaule (native expansion plant)
Scrophulariaceae Mimulus guttatus
var. guttatus
Liliaceae Zigadenus venenosus var. v. 1
(meadow death camas)
Plantaginaceae Plantago pusilla (?) 332
(dwarf plantain)
May 17 Geraniaceae Geranium bicknellii 333
(b. geran.)
Plantaginaceae Plantago maritima 334
ssp. juncoides (sea plantain)
Chenopodiaceae Salicornia virginica 335
(pickleweed)
May 18 Scrophulariaceae Orthocarpus attenuatus 336
(narrow leafed owl clover)
Leguminosae Trifolium macraei 337
var. dichotomum. (-)
Solanaceae Solanum sarrachoides (-) 338
May 20 Compositae Microseris bigelovii (-) 339
(May 6) Species ? species of Arabis from old pt. May 6
Cruciferae Arabis hirsuta 340
(May 7) Salix from Boat Cove & Breezy Bay garden
Salicaceae Salix X hippophaefolia 341

(29)

38 (May 17) Crucifer from Breezy Bay garden
Cruciferae — Lepidium campestre
(field pepperwort)

May 24 Opening of Graminae season.
24 Gramineae Poa annua (annual bluegrass) 343
Gramineae Anthoxanthum odoratum 344
(sweet vernal grass)
Gramineae Bromus sterilis (barren brome-g) 345

May 29 Trip to Taylor Pt & Seagull rocks.
24 Number Pt. found Silene antirrhina
and Collinsia grandiflora. ¼ mile
from Pt. waterfall with lawns full
#404 collect bloom & Saxifraga integrifolia,
Gnaphalium purpureum at Taylor Pt. Silene gallica, few
Plantago maritima & several new plants.
Leguminosae Vicia gigantea (giant vetch) 346
Caryophyllaceae Arenaria serpyllifolia (?) (Henderson) 347
var. puberulenta
Overlooked collecting on Java Islets
Lomatium nudicaule & Allium acuminatum

June 1 Re-examine straight thorne roses:
24 Rosaceae Rosa nutkana var. nutkana 348
~~var~~ (nootka rose)
Variation on amount of stipitate
glandularness but fits size measurements.

(May 29) Unknown Polygonum from Java islets
24 and also Community hall back door 349
Polygonaceae Polygonum aviculare
Unknown Rubus - Java Islets
21 Rosaceae Rubus idaeus (?) 350
Java Islets Gramineae Aira praecox (hairgrass) 351
Gramineae Hordeum brachyantherum (meadow barley) 352
Gramineae Festuca myuros (rat tail fescue) 353
(30) Gramineae Festuca rubra var litoralis (red fescue) 354
Gramineae Agropyron repens (couch grass) 355

Java Islands { Gramineae Distichlis spicata var. borealis 39 grass
Gramineae Hordeum murinum (wall barley)
Gramineae Bromus sitchensis var. s. (alaska brome) 5

May 9 Collecting trip through fields mostly grasses. (359-370) 378 p40-41
p40 *41
Rosaceae Potentilla recta (erecta) 373

June 10 New Brodiaea from diff trail
24 Liliaceae Brodiaea ~~elegans~~ (elegant brodiaea)
375-82 25 grasses coronaria (harvest brodiaea) 374

July 14 Scrophulariaceae Veronica scutellata (marsh s.) 383
July 23 Caryophyllaceae Spergularia marina (390
Aug 6 Compositae Solidago (saltmarsh s.)
canadensis var. salebrosa (goldenrod)
Aug 14 found new plant in big pond 391
29 Hypericaceae Hypericum perforatum 392
(common St. John's wort)

August 26 Umbelliferae from ~~Boo~~ Cyall Creek 393
and Government wharf. Conioselinum.
Compositae from Boot Cove road 394
Erigeron, Aster or Conyza ?

August 29 Collected Aster, across from 395
fire hall hesperius

Sept 20 Garbage dump swamp dock
Polygonaceae Rumex conglomeratus
(clustered dock) 396

October 7 Trip up around diffs above beach & swamps below Hindmarshes.
found 395 Compositae Conyza canadensis by the beach barn. Also Blechnum spicant & Stellaria crispa in salal between swamps. Several pointy leaf willows in west swamp p8

October 8 Gather Carex from Boot Cove
Cyperaceae Carex lyngbyei var. robusta 397

October 13 '74 Trip to north beach Sammuel Island marsh
Collected a Scirpus, Birch, Chenopodiaceae &
Solanum with blue flowers. Also saw
~~Malus~~ Pyrus fusca in fruit, Rosa nutkana,
unknown Sanguisorba of marshes, Juncus
effusus var. pacificus, Carex obnupta
Betulaceae Betula papyrifera var. communtata
(western paper birch) 398
Cyperaceae Scirpus acutus (viscid bulrush) 399
Cornaceae Cornus stolonifera var. occidentalis
(red osier dogwood) 400
Chenopodiaceae from mud floor of 401
Samuel Island marsh Chenopodium sp. album

October 28 '74 Collecting trip along shores of Lyall Harbor
& up Lyall Creek. Collections from Strand
in Lyall Creek.
Juncaginaceae Triglochin maritimum (arrowgrass) 402
Compositae Jaumea carnosa (-) 403
also collected maybe spergularia marina
or another spergularia

numbers from March 4 55 sedges 29 grasses 27 mosses
(May 29) Compositae Gnaphalium purpureum (purp. cudw.) 404
Cayleyp. also at Gains. on Gulf side
Nov 1 '74 Collected grass in estuary at Strand
Boot Cove
Graminae Polypogon monspeliensis (beard grass) 405

Missed numbers

June 10 '74 Graminae Lolium perenne (perennial ryegrass) 359
Graminae Dactylis glomerata (orchard grass) 360
Graminae Poa pratensis (Kentucky blue) 361

(32)

June 10 '74
Graminae Bromus mollis soft chess 362
Graminae Festuca ovina var. ryberg (sheep fescue) 363
Graminae Melica subulata (alaska oniong.) 364
Graminae Festuca idahoensis var. i. (idaho f.) 365
Graminae Festuca myuros (repeat 353 on Sarvona) 366
Graminae Aira caryophyllea (silvery hairgrass) 367
Graminae? Festuca megalura (foxtail fescue) 368 367a
Graminae Elymus glaucus var. jepsonii (blue wild rye) 369
Graminae Bromus pacificus (pacific brome) 370
Graminae Bromus tectorum (downy chess) 371
Graminae Hordeum murinum (same 357 on Sarvona) 372
Graminae Alopecurus geniculatus (water foxtail) 375

June 22 '74
Graminae Arrhenatherum elatius (tall oat grass) 376
Graminae Festuca rubra var. l (372 & 380 same 375a diff habitat) 377, 375a
Graminae Poa trivialis (379 & 378 same & same habitat) 378
Graminae Poa trivialis (rough bluegrass) 379
Graminae Festuca rubra var. litoralis (354 repeat for Sarvona) 380
Graminae Melica subulata (repeat # 364 near bigfield) ~~381~~
Cruciferae Sisymbrium abyssinum (Jim Hill mustard) 382

July 10 '74
Graminae Agrostis alba var. alba (red top) 384
Graminae Holcus lanatus (velvet grass) 385
Graminae Cynosurus cristatus (crested dogtail) 386
Graminae Phleum pratense (timothy) 387
Graminae Agropyron repens (couch grass Sarvona same 355) 388
Graminae Bromus inermis ssp. i (smooth brome) (?) 389

June 10 '74 Polygonum from bigfield possibly
Polygonaceae Polygonum lapathifolium 374a
June 22 '74 Compositae Artemisia douglasiana (D. sagebrush) 381

1975
Collected from hilltop behind Hendynovich
Jan 3 '75 Graminae ~~Agrostis alba var. palustris~~ 406
Koeleria cristata

(33)

U.B.C. herbarium inquiries

Feb 24 '76

Meconella oregana – none from G.I.
Idahoa scapigera – "
Scirpus cyperinus – "
Sisyrinchium douglasii "
Ceanothus sanguineus "
Boisduvalia densiflora "
Armeria maritima "
Pyrola asarifolia "
Cypripedium mutticaule Salt Springs, Mt Maxwell
Filago germanica, Mayne, N. Pender, Salt Springs
Pterospora andromeda, Salt Springs
Pyrola aphylla, Saturna, Salt Springs.
Orobanche californica, Mayne, S. Pender, Bluie
Gentiana sceptrum – none from G.I.
G. douglasiana "
Centaurium umbellatum – S. Pender
C. muhlenbergii – Chatham Island

April 1 '75 Trip across cliffs above beach: Collinsia, Mimulus sps., Myosotis verna, Erodium cicutarium, Lupula, Cardamine oligosperma, Lithophragma parviflora, Saxifraga integrifolia, Montia perfoliata, all in flower. Found a new Compositae on the corner of the cliffs beyond the first cut. Large taproot, rosette of many tomentose to glandular villous at base to glabrous at tip leaves.

April 7 '75 Montia linearis & fontana in Big field
Cardamine pulcherrima flowering

April 15 '75 Trip to N tower, Gulfside and East Pt. Nothing at East Pt except a few Erythronium. Very dry & lifeless.

April 18 '75 Collecting & photographing above bay.
Cyperaceae Carex pensylvanica 402

April 24, 25 Trip to T.V. tower. Meconella oregana along slopes above horse trail. Crocidium out but not as much as last year. Epilobium minutum below tower. Idahoa past flowering. New plant wide spread & common along ridge 408
Compositae Agoseris heterophylla var. h. (false dand)

May 5, 75 East Pt. Prunus emarginata along E.P. road at cliff road. at Pt Western butter cup. Fiddlers cove sea blush crappiare, Vicia gigantea abundant Rumex salicacear, linaria bovalis in wood on cliffs, pinus contorta common, Cliffs in area open park, fir arbutus, pine few to no oak. Erythronium & fritillaria common Collinsia parviflora, Stachys cooleae on flats along streams also ourhera sarmentosa. Stellaria crispa in clearing in wood by stream. Tolmiea grandiflora, galium triflorum, veronica serphy. but no geum. Mitella sibirica, galium aparine Cardamine oligosperma. Ribes lacustre. Prunus emarginata here & there — near common. Cedar > fir on flats.

Monarch Head grassy slopes; lithophragma, Collinsia parviflora, montia perf. Arabis hirsuta, fragaria. Much wetter than east pt. Pines occasional, Saxifraga caespitosa common. Sedum no seablush Juniperus scopulorum first found on S side. assorted trifoliums. Oaks. Erythronium lanatum Trifolium ~~vulnegatum~~ macraei
New violet in Carex vesicaria swamp at monarch head past fields
Veronica scutellata common in swamps

35

May 5 '75

Violaceae Viola macloskeyi var. m. 409
Collected leaves from Monarchhead swamp fields – several cottonwoods of fair size buds still closed. Orthocarpus attenuatus common on ridge above cactus point. Cottonwoods appear from leaves to be Populus trichocarpa. ~~Mr. Hecke~~

May 6 '75 Mayne Island: Cliffs facing Navy channel Anthophilla umbellata common at foot of slopes. few flower clover & Collinsia P. Lotus micranthus common. ~~alopecuroides~~ Tiny crocodon, montia perfoliata, bromes, nemophila, Silene gallica Tetraphragma parviflora occ. lance leaf clover occ. Galium aparine. Epilobium minutum madia madioides, gelasia, lepidium, gnaphalium microcephalum coming out filago germanica Anthoxanthum odoratum, Cerastium arvense common, mimulus alsinoides, one gymnadenia integrif, Selaginella, sedum, ~~gold~~ bad fern, ~~Cardamine pensilvanica~~, lomatium u., microsteris? also microsteris? Eriophyllum l. hypochaeris r. Carex pensylvanica, Saxifraga ridge. Lonicera both sp. mahonia, Alium acuminatum lots. Arenaria macrophylla, Heuchera micrantha, few sea blush on ridge. falsebox, delphinium camas on ledge. Ranunculus occident on flat top of ridge. Rosa gymnocarpa, myosotis lit, Thysanocarpus, Amelanchier alnif lower slopes. Adks. At foot of ridge mahonia nervosa, honeysuckle, bracken in salal, nemophila star flower, rosa g, dicentra, calypso, achlys t. symphocarpus, lactuca, Rem orchid veg. collected.

(36)