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Bulletin No. 1.

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An Annotated - -
Check List of the
Flowering Plants -
and Ferns - - - -
Native and Introduced

GROWING WITHOUT CULTIVATION
- - - IN THE COWICHAN DISTRICT
- - - - VANCOUVER ISLAND, B. C.

Compiled by R. Glendenning

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NOTE.

The following list is the precursor of a series covering all branches of Natural History which the Club hopes to publish in due course.

This list makes no pretence at being complete, nor in the present chaotic state of botanical nomenclature, will it give satisfaction to all, but it is hoped that it may be helpful to the amateur botanist and be the foundation of a complete list, the result of further researches.

While the author was much inclined to be eclectic in the nomenclature, the list follows that of Henry's Flora of Southern British Columbia, not on account of its accuracy, but on account of that Flora being in most general use.

To Professors John Macoun, J. M. Macoun, and J. Davidson, my thanks are due for their valued assistance in identifying difficult species, and to several members of the Club for kindly bringing to my notice new and uncommon species. To Mr. G. Buchanan Simpson, of Cowichan Lake, I am also indebted for a list of alpine and subalpine species found in that locality and which is incorporated herein.

The district included in this list is a natural one, and may be described roughly as the valleys of the Chemainus, Cowichan and Koksilah Rivers, from Chemainus south to Shawnigan and west to Cowichan Lake.

R. GLENDENNING.

Duncan, B. C.,
April, 1918.

Abbreviations

V. C. Very Common.	L. Local.
C. Common.	S. Scattered.
F. Frequent.	R. Rare.

Flowering Plants and Ferns

FILICES (FERNS)

- Adiantum**
pedatum L. Maidenhair. Wet rocks. C.
- Asplenium**
cyclosorum Rupr. Lady-fern. Damp woods. C.
- Botrychium**
silaifolium Presl. Moonwort. Damp places. S.
- Cheilanthes**
gracillima D. C. Lip-fern. Sunny rocks, Maple Bay. R.
- Cryptogramma**
acrostichoides R. Br. Parsley-fern. Mountain tops. L.
- Cystopteris**
fragilis L. Bladder-fern. Wet rocks. L.
montana Bernh. Bladder-fern. Rich woods. R.
- Gymnogramme**
triangularis Kauf. Silver-back. Dry rocks. F.
- Pellea**
densa Hook. Cliff brake. Sunny rocks. R.
- Phegopteris**
dryopteris Fee. Oak-fern. Damp woods. L.
- Polypodium**
vulgare var. occidentale Hook. Polypod. Damp woods. C.
- Polystichum**
dilatatum Hoff. Broad-fern. Damp woods. F.
lonchitis Roth. Holly-fern. Cowichan Lake.
munitum Underw. Sword-fern. Rich woods. C.
- Pteris**
aquilina L. Bracken. Abundant.
- Struthiopteris**
spicant L. Hard fern. Damp woods. L.

EQUISETACEAE (HORSETAILS)

- Equisetum**
arvense L. Horsetail. Damp fields. C.
hyemale L. Scouring rush. Wet places. L.
telmateia Ehrh. Great horsetail. Wet places. C.

SELAGINELLACEAE

- Selaginella**
rupestris L. Sunny rocks. C.

LYCOPODIACEAE (CLUB MOSSES)

- Lycopodium**
clavatum L. Mount Sicker, 2,000 feet. L.
lucidum L. Cowichan Lake.
selago L. Cowichan Lake.

TAXACEAE (YEW FAMILY)

- Taxus**
brevifolia Nutt. Yew. By streams. F.

CONIFERAE (FIR FAMILY)**Abies**

amabilis Forbs. Mt. Balsam. Mt. Brenton, 3,000 feet S.
grandis Lindl. Balsam. Lowlands. C.

Chamaecyparis

nootkatensis Spach. Cypress. Mt. Brenton. 3,000 ft. S.

Juniperus

communis var. *sibirica* Rybd. Juniper. Cowichan Lake.
scopulorum Sarg. Juniper. Rocks by sea. S.

Picea

sitchensis Carr. Spruce. Bottom lands. C.

Pinus

contorta Dougl. Scrub pine. Bogs and gravel ridges. F.
monticola Dougl. White pine. Mountain woods. S.

Pseudotsuga

mucronata Raf. Douglas fir. Abundant throughout.

Tsuga

plicata Donn. Cedar. Lowlands. C.

Tsuga

heterophylla Sarg. Hemlock. Lowlands. C.
mertensiana Carr. Mt. Hemlock. Mt. Brenton. S.

TYPHACEAE (CAT-TAIL FAMILY)**Typha**

latifolia L. Cat tail. Lake margins. C.

SPARGANIACEAE (BUR-REED FAMILY)**Sparganium**

simplex Huds. Wet places. F.

NAIADACEAE (POND-WEED FAMILY)**Potamogeton**

americanus C. & S. Pondweed. Outlet, Somenos Lake. S.
epiphydrus Raf. Pondweed. Quamichan Lake. F.
heterophyllus Schreb. Pondweed. Quamichan Lake. L.
natanus L. Lakes and streams. C.
praelongus Wulf. Lakes and streams. F.
pusillus L. Lakes and streams. F.
Richardsonii Rybd. Quamichan Lake. L.
Robbinsii Oaks. Lakes. L.
zosterifolius Schum. Lakes. F.

Zostera

marina L. Eel grass. Marine. F.

JUNCAGINACEAE (ARROW-GRASS FAMILY)**Triglochin**

maritima L. Arrow grass. Marshes, Cowichan Bay. F.

ALISMACEAE (WATER PLANTAIN FAMILY)**Alisma**

plantago-aquatica. Water plantain. Ditches, Cow. Bay. F.

GRAMINEAE (GRASS FAMILY)**Agrostis**

alba L. Red top. Introduced. C.
microphylla Steud. Open places. S.

Aira

caryophyllea L. Hair grass. Introduced. F.

Alopecurus

geniculatus var. aristulatus Munro. Wet places. C.
pratensis L. Fox-tail. Introduced. C.

Avena

fatua L. Wild oat. Introduced. S.

An.hoxanthum

odoratum L. Sweet vernal grass. Introduced. F.

Bromus

carinatus H. & A. Brome grass. Open woods. F.
eximus Piper. Brome grass. Open woods. F.
var. robustus Shear. With the type.
Hookerianus Thurb. Brome grass. Open woods. S.
hordaceus L. Chess. Introduced. Dry ground. C.

Cynosurus

cristatus L. Dog's tail. Introduced. S.

Dactylis

glomerata L. Orchard grass. Introduced. C.

Danthonia

americana Scrib. Oat grass. Open places. L.

Deschampsia

elongata Munro. Hair grass. Open places. L.

Distichlis

spicata Gr. Salt grass. Salt marshes. C.

Elymus

glaucus Buch. Wild rye. Dry woods. F.

Festuca

elatio L. Meadow fescue. Introduced. S.
myuros L. Introduced. L.
occidentalis Hook. Dry slopes. F.
ovine L. Sheep fescue. Introduced. F.
rubra L. Introduced. F.

Glyceria

borealis Nash. Manna grass. In water. F.
nervata var. elata Nash. Wet places. S.
pauciflora Presl. Wet places. C.
septentrionalis Hitch. In water. F.

Hierochloa

odorata Walen. Holy grass. Salt marshes. L.

Holcus

lanatus L. Yorkshire fog. Introduced. V. C.

Hordeum

jubatum L. Squirrel-tail. Introduced. C.
nodosum L. Open places. F.

Koeleria

cristata Pers. Shining spike grass. Dry slopes. L.

Lolium

perenne L. Rye grass. Introduced. C.
multiflorum L. Italian rye grass. Introduced. S.

Melica

Hartfordii Bol. Melic grass. Fir woods. F.
subulata Scrib. Open woods. L.

Panicum

Scribnerianum Nash. Panic grass. Grassy banks. L.

Phalaris

arundinacea L. Reed canary grass. Somenos Lake. L.

Phleum

pratense L. Timothy. Introduced. C.

Phragmites

communis Tris. Reed grass. By lakes. F.

Poa

annua L. Spear grass. Introduced. C.
compressa L. Blue grass. Introduced. S.
nevadensis Vasey. Dry slopes. L.
pratensis L. June grass. Introduced. C.
triflora Gilib. Wet places. F.

Setaria

Italica Beauv. Milet. Introduced. S.

Stipa

viridula Trin. Feather grass. Dry slopes. F.

Trisetum

canescens Buch. False oat. Dry slopes. F.
cernuum Trin. False oat. Dry slopes. L.
spicatum Rich. False oat. Dry slopes. L.

CYPERACEAE (SEDGE FAMILY)**Carex**

athrostachya Olney. Wet places. F.
acutina Bailey. By Cowichan River. L.
brunescens Poir. Wet places. F.
canescens L. Wet places. C.
cryptocarpa Meyer. Salt marshes. L.
decidua Boott. Wet places. S.
dives Holm. Wet places. C.
echinata Willd. Bogs. L.
festiva Dewey. Wet places. C.
flava var. rectorostrata Bailey. Wet places. L.
Hendersoni Bailey. Damp woods. S.
lasiocarpa Ehrh. By Solly's Lake. L.
oederi Retz. Bogs. L.
pennsylvanica var. vespertina Howell. Dry slopes. F.
rostrata Stokes. Lake sides. F.
sitchensis Bong. Swamps. C.
stipata Muhl. Wet places. C.
Tolmiei Boott. Sand by Cowichan River. L.

Dulichium

spathaceum L. Margin of lakes. C.

Eleocharis

palustris. Spike rush. Wet places. C.

Eriophorum

chamissonis Mey. Cotton grass. Bogs. F.

Rynchospora

alba Vahl. Bogs. S.

Scirpus

microcarpus Presl. Swamps. F.
validus Vahl. Bulrush. By lakes. C.

ARACEAE (ARUM FAMILY)**Lysichiton**

kamtshatcense Schott. Skunk cabbage. Wet places. C.

LEMNACEAE (DUCKWEED FAMILY)**Lemna**

minor L. Duckweed. Somenos Lake. F.

JUNCACEAE (RUSH FAMILY)**Juncus**

Colvillei Piper. Rush. Sand by Chemainus River. L.
effusus var. brunneus Englm. Wet places. C.
ensifolius Wiks. Wet places. C.

Luzula

campestris L. Wood rush. Clearings. C.
parviflora Desv. Wood rush. Damp places. F.

LILIACEAE (LILY FAMILY)**Allium**

acuminatum Hook. Onion. Rocky woods. L.
attenuifolium Kellog. By shore Maple Bay. R.
cernuum Roth. Rocky woods. F.
crenulatum Wiegand. Cowichan Lake.

Brodiaea

Douglasii Wats. "Hyacinth". Oakwoods, Quamichan.
grandiflora Smith. Rocky woods. L. V. R.
lactea Wats. Dry woods by sea. L.

Camassia

Leichlinii Wats. Camas. Open woods. F.
quamash Greene. Open woods. L.

Clintonia

uniflora Kunth. Queen cup. By Cowichan River. R.

Disporium

oreganum B. & H. Fairy bells. Moist woods. S.

Erythronium

grandiflorum vars. Easter Lily.
albiflorum Hook. Rocky woods. C.
parviflorum Wats. Alpine Mount Prevost. L.
Smithii Hook. (Pink form.) By Cowichan River. L.

Fritillaria

kamtschatense Ker. Fritillary. Salt marshes Cow. Bay. R.
lanceolata Pursh. Rocky banks. F.
pudica Spreng. Cowichan Lake.

Lilium

parviflorum Holtz. Tiger lily. Damp clearings. F.

Maianthemum

bifolium var.
kamtschaticum. Lily of the valley. Damp woods. F.

Smilacina

recemosa Desf. False Solomon's Seal. Stream sides. L.
sessilifolia Nutt. False Solomon's Seal. Damp woods. L.

Stenanthium

occidentale Gray. Mountain bells. Wet cliffs. L.
streptopoides F. & R. Cowichan Lake.

Streptopus

amplexifolius D. C. Twisted stalk. Damp woods. L.

Tofieldia

intermedia Ryb. False Asphodel. Bogs. L.

Trillium

ovatum Pursh. Wood lily (Wake-robin). Damp woods. C.

Veratrum

viride Ait. Hellebore. Bottom lands. F.

Zygadenus

venenosus Wats. Poison camas. Dry, rocky woods. L.

IRIDACEAE (IRIS FAMILY)**Sisyrinchium**

idahoense. Blue-cyad grass. Damp, grassy places. L.

ORCHIDACEAE (ORCHID FAMILY)**Calypso**

bulbosa Oaks. Lady slipper. Mossy woods. F.

Corallorhiza

mertensiana Bong. Coral root. Fir woods. R.

multiflora Nutt. Fir woods. F.

striata Lindl. Fir woods. L.

(*Cypripedium montanum* Dougl. Lady Slipper, reported to have been frequent near Duncan years ago, not found lately.)

Goodyera

Menziesii Lindl. Rattlesnake plantain. Under firs. F.

Habenaria

elegans Lindl. Rein orchid. Dry woods. L.

gracilis Wats. By springs. L.

leucostachys Wats. Wet places. F.

Micheali Greene. Dry woods. V. L.

unalaskensis Wats. Mount Tzouhalem. R.

viridiflora Rydb. Mount Brenton. R.

Listera

caurina Piper. Tway blade. Cowichan Lake.

convallarioides Torr. Under hemlocks, Mount Prevost.

nephrophylla Rydb. Fir woods. S.

Spiranthes

romanzoffiana Cham. Lady's tresses. Open places. F.

SALICACEAE (WILLOW FAMILY)**Populus**

tremuloides Michx. Aspen. Damp places. F.

trichocarpa T. & G. Poplar. Damp places. F.

Salix

Geyeriana Anderson. Willow. Swamps. L.

Hookeriana Barret. Willow. Wet places. F.

lasiandra Benth. Willow. Wet places. C.

melanopsis Nutt. Willow. Sahlam River bottom. R.

Scouleriana Barrat. Willow. Wet places. V. C.

sitchensis Bong. Willow. By streams. C.

MYRICACEAE**Myrica**

Gale L. Sweet Gale. Lake margins. V. C.

BETULACEAE (BIRCH FAMILY)**Alnus**

rubra Bong. Alder. Wet places. V. C.

sitchensis Sarg. Alder. Wet places, Cowichan Lake.

Corylus

californica Rose. Hazel. Alluvial lands, Cowichan River.

FAGACEAE (BEECH FAMILY)**Quercus**

Garryana Dougl. Oak. Warm situations. F.

URTICACEAE**Urtica**

Lyallii Wats. Nettle. Damp places. C.

ARISTOLOCHIACEAE**Asarum**

caudatum Lindl. Ginger. Moist woods. S.

POLYGONACEAE (DOCK FAMILY)**Polygonum**

aviculare L. Knotweed. Introduced.
convolvulus L. Bindweed. Introduced.
Douglasii Greene. Gravel. Cowichan River. L.
lineare Hooh. Gravel. Cowichan River. L.
minimum Wats. Mossy rocks. Mt. Prevost, 2,600 ft. R.
Persicaria L. Introduced. C.
spergulariforme Meisn. Gravel. Cowichan River. L.

Rumex

acetosella L. Sorrel. Introduced. V. C.
martimus var. fueginus Duser. By Somenos Lake. V. C.
occidentalis Wats. Dock. Salt marshes. F.
salicifolius Wein. Damp places. L.

CHENOPODIACEAE**Chenopodium**

album L. Lamb's quarters. Introduced. V. C.

Salicornia

ambigua Michx. Glass wort. in mud, Cowichan Bay. C.

AMARANTHACEAE (PIGWEEED FAMILY)**Amaranthus**

retroflexus L. Pigweed. Introduced. C.

CARYOPHYLLACEAE (PINK FAMILY)**Arenaria**

macrophylla Hooh. Sand wort. Open woods. F.
tenella Nutt. Sunny banks. L.
serpyllifolia L. Introduced. F.

Cerastium

arvense L. Mouse ear, chickweed. Stony banks. F.
vulgatum L. Introduced. C.

Sagina

occidentalis Green. Pearl wort. Moist places. L.

Saponaria

Vaccaria L. Soap wort. Introduced. L.

Silene

- antirrhina* L. Campion. Sunny slopes, Tzouhalem.
gallica L. Introduced. L.
latifolia B. & R. Introduced. L.
Menziesii Hook. Sand. Cowichan River. L.

Spergula

- arvensis* L. Corn spurrey. Introduced.

Stellaria

- borealis* var. *alpestris* Brit. Chickweed. Moist places. L.
media L. Introduced. V. C.

PORTULACACEAE**Calandrinia**

- caulescens* H. B. K. Grassy banks. Tzouhalem. L.

Lewisia

- columbiana* Rob. Bitter-root. Cowichan Lake.

Montia (Claytonia)

- fontana* L. Spring Beauty. Ditches. L.
linearis Dougl. Damp fields. C.
parviflora Torr. Damp fields. C.
parvifolia Dougl. Wet rocks. S.
perfoliata Donn. Damp places. C.
sibirica L. Open woods. C.

NYMPHACEAE (WATER-LILY FAMILY)**Brasenia**

- Schreberi* Gmel. Water shields. Stagnant ponds. V. L

Nymphaea

- polysepala* Greene. Pond lily. Lakes. C.

RANUNCULACEAE (BUTTERCUP FAMILY)**Actaea**

- arguta* Nutt. Baneberry. Open woods. S.

Anemone

- Lyallii* Brit. Windflower. Moist woods. F.
multifida Poir. Windflower. Rocks. Chemainus. R.

Aquilegia

- formosa* Fisch. Columbine. Open woods. F.

Caltha

- biflora* D. C. Marsh marigold. Cowichan Lake.
leptosepala D. C. Marsh marigold. Cowichan Lake.

Delphinium

- Menziesii* D. C. Larkspur. Open woods. F.

Ranunculus

- acris* L. Buttercup. Introduced.
aquatilis L. Small streams. C.
Bongardii Greene. Damp places. C.
occidentalis Nutt. Grassy banks. C.
orthorhynchus Hook. Wet fields. F.
repens L. Wet places. C.
reptans L. Wet places. F.

Thalictrum

- occidentale* Gray. Meadow rue. Stream sides. S.

Trautvetteria

- grandis* Nutt. Stream sides. L.

Trollius

- laxus* Salisb. Globe flower. Cowichan Lake.

BERBERIDACEAE (BARBERRY FAMILY)**Achlys**

triphylla D. C. May leaves. Fir woods. C.

Berberis

aquifolium Pursh. Mahonia. Gravelly woods. S.
nervosa Pursh. Oregon grape. Fir woods. C.

PAPAVERACEAE (POPPY FAMILY)**Platystigma**

oreganum Wats. Shaly banks. Tzouhalecm. V. L.

FUMARIACEAE**Dicentra**

formosa D. C. Bleeding heart. Rich woods. F.

CRUCIFERAE (CABBAGE FAMILY)**Arabis**

Breweri Wats. Grassy ledges. Tzouhalem. V. R.
glabra Berk. Tower mustard. Introduced.
hirsuta Scop. Rocky places. L.

Brassica

arvensis L. Charlock. Introduced. V. C.
campestris L. Mustard. Introduced. V. C.

Capsella

bursa-pastoria L. Shepherd's purse. Introduced. V. C.

Cardamine

angulata Hook. Bitter cress. Wet places. L.
hirsuta L. Introduced.
oligosperma Nutt. Wet places. L.

Dentaria

tenella Pursh. Tooth wort. Damp woods. C.

Draba

verna L. Gravelly places. Introduced.

Erysimum

elatum Nutt. Cowichan Lake.

Lepidium

Menziesii D. C. Pepper grass. Gulf shores. R.

Radicula

Armoracia L. Horseradish. Introduced.
curvisiliqua Hook. Damp places. F.

Subularia

aquatica L. Awlwort. Margin of Quamichan Lake. L.

Thlaspi

arvense L. Penny cress. Introduced. S.

Thysanocarpus

curvipes. Lace pod. Rocky banks. Quamichan. L.

Sisymbrium

altissimum L. Tumble mustard. Introduced. L.
officinale L. Hedge mustard. Introduced.

DROSERACEAE (SUNDEW FAMILY)**Drosera**

rotundifolia L. Sundew. Bogs. C.

CRASSULACEAE**Sedum**

- Douglasii* Hook. Stonecrop. Rocks by sea. L.
spatulifolium. Rocks. C.
stenopetalum. Rocks. Cowichan Lake. L.

SAXIFRAGACEAE (SAXIFRAGE FAMILY)**Boykinia**

- occidentalis* T. & G. Rocks by Cowichan River. L.

Heuchera

- cylindrica* Dougl. Alum root. Open woods. S.
glabra Willa. Cowichan Lake.
micrantha Dougl. Rocks. F.

Leptarrhena

- amplexifolia* Ser. Pear leaves. Mt. Brenton, 3,500 ft. R.

Mitella

- caulescens* Nutt. Mitrewort. By streams. R.
ovalis Greene. By streams. R.

Parnassia

- fimbriata* Banks. Grass of Parnassus. Wet rocks.
 Chemainus River. V. R.

Philadelphus

- Lewisii* Pursh. Mock orange. By creeks. F.

Ribes

- bracteosum* Dougl. Currant. By streams. F.
divaricatum Dougl. By streams. F.
lacustre Poir. By streams. R.
Lobbii Gray. Dry woods. C.
sanguineum Pursh. Rocky woods. C.

Saxifraga

- arguta* Don. Saxifrage. Cowichan Lake.
Bongardi Presl. Sunny rocks. Mt. Prevost, 2,600 ft. L.
bronchialis L. Cowichan Lake.
caespitosa L. Mossy rocks. Tzouhalem Mount.
cernua L. Cowichan Lake.
integrifolia Hook. Grassy banks. F.
Mertensiana Bong. Wet rocks. Cowichan River.
Nelsonia Don. Cowichan Lake.
occidentalis Grey. Wet rocks. Tzouhalem Mount. R.
rufidula Small. Cowichan Lake.
Tolmiei T. & G. Cowichan Lake.

Tellima

- grandiflora* R. Rr. Fringe cup. Damp woods. S.
tenella Walp. Grassy banks. S.

Tiarella

- laciniata* Hook. Foam flower. By streams. In mountains. R.
trifoliata L. In fir woods. V. C.

Tolmiea

- Menziesii* Pursh. Damp woods. F.

ROSACEAE (ROSE FAMILY)**Amelanchier**

- Cusickii* Fer. June berry. Open woods. C.
florida Lindl. June berry (flowers later). L.

- Aruncus**
 sylvester Kost. Goat's beard. By streams. L.
- Crataegus**
 Douglasii Lindl. Hawthorn. Bottom lands. F.
- Fragaria**
 bracteata Heller. Strawberry. Sunny banks. F.
 cuneifolia Nutt. Sunny places. C.
- Geum**
 macrophyllum Wild. Open places. F.
- Neillia (Physocarpus)**
 opulifolia B. & W. Nine bark. By streams. F.
- Nuttallia**
 cerasiformis T. & G. Indian cherry. Damp woods. C.
- Potentilla**
 anserina L. Silverleaf. Ditches, Cowichan Bay. F.
 glandulosa Lindl. Gravel by Cowichan River. L.
 Monspelicensis L. By Keatings Lake. R.
 palustris Scop. Marsh cinquefoil. Lake margins. C.
- Prunus**
 demissa Walp. Choke cherry. Cowichan Bay. R.
 emarginata Walp. Choke cherry. Bottom lands. C.
- Pyrus**
 rivularis Dougl. Crab apple. Bottom lands. C.
 sitchensis Piper. Mountain ash. Rocky bluffs. L.
- Rosa**
 gymnocarpa Nutt. Wild rose. Open woods. S.
 Nutkana Presl. Wild rose. Wet places. C.
 pisocarpa Gray. Wild rose. Wet places. L.
- Rubus**
 lasiococcus Gray. Cowichan Lake.
 leucodermis Dougl. Black raspberry. Open woods. F.
 macropetalus Dougl. Blackberry. Clearings. V. C.
 nivalis Dougl. Cowichan Lake.
 parviflorus Nutt. Thimble berry. Open places. F.
 pedatus Smith. Mount Brenton, 3,000 feet.
 spectabilis Pursh. Salmon berry. By streams. C.
- Sanguisorba**
 annua Nutt. Burnet. Open places. L.
- Spiraea**
 discolor Pursh. Spiraea. Dry woods. C.
 Douglasii Hook. Tea brush. Swamps. V. C.
 pectinata T. & G. Cowichan Lake.

LEGUMINOSAE (PEA FAMILY)

- Hosackia**
 parviflora Benth. Gravelly banks. L.
- Lathyrus**
 Nuttallii Wats. Pea vine. Open woods. C.
 palustris L. Pea vine. Salt marshes. L.
- Lupinus**
 bicolor Lindl. Lupine. Sunny banks. L.
 polyphyllus Lindl. Open woods. F.
- Psoralea**
 physodes Dougl. Devil's shoe string. Open woods. F.

Trifolium

- cyanthiferum* Lindl. Clover. Rocks, Chemainus River. L.
fimbriatum Lindl. Wet places. F.
hybridum L. Alsike. Introduced. S.
microcephalum Pursh. Sunny banks. L.
pratense L. Red clover. Introduced. C.
procumbens L. Hop clover. Introduced. C.
repens L. White clover. Introduced.
tridentata Lindl. Sunny banks. L.

Vicia

- americana* Muhl. Vetch. Open places. C.
 var. *angustifolia* Nees. Open places. L.
 var. *truncata* Muhl. Open places. L.
gigantea Hook. Woods by sea. L.

GERANIACEAE (GERANIUM FAMILY)**Erodium**

- cicutarium* L. Crane's bill. Grassy banks. (Possibly introduced.) C.

Geranium

- dissectum* L. Stork's bill. Introduced. S.
molle L. Stork's bill. Introduced. S.
pusillum L. Stork's bill. Introduced. C.

CALLITRICHACEAE**Callitriche**

- heterophylla* Pursh. Still waters. L.

EMPETRACEAE**Empetrum**

- nigrum* L. Crowberry. Bogs. L.

CELASTRACEAE**Pachystima**

- myrsinites* Raf. False box. Dry woods. L.

ACERACEAE (MAPLE FAMILY)**Acer**

- glabrum* Torr.
macrophyllum Pursh. Broad-leaved maple. Moist places. C.

RHAMNACEAE (BUCKTHORN FAMILY)**Ceanothus**

- sanguineus* Pursh. Snow brush. Rocky woods. R.

Rhamnus

- Purshiana* D. C. Cascara. Bottom lands. F.

MALVACEAE**Sidalcea**

- Hendersonii* Wats. Marsh hollyhock. Salt marshes. R.

HYPERICINEAE**Hypericum**

- anagalloides* C. & S. St. John's wort. Wet places. F.
Scouleri Hook. St. John's wort. Lake margins, etc. L.

VIOLACEAE (VIOLET FAMILY)**Viola**

- adunca* Smith. Open places. C.
glabella Nutt. Damp woods. C.
palustris var. *leimonia* V. N. Wet places. S.
Nuttallii var. *praemorsa* Dougl. Oak woods. L.
sempervirens Greene. Fir woods. F.

CACTACEAE**Opuntia**

- polyacantha* Haw. var. *borealis*. Cactus. Rocks by sea. L.

ELEAGNACEAE (OLEASTER FAMILY)**Shepherdia**

- canadensis* Nutt. Dry woods. S.

HALORAGIDACEAE**Hippuris**

- vulgaris* L. Mares tail. Somenos Lake. L.

Myriophyllum

- spicatum* L. Water milfoil. Somenos Lake. R.

ONAGRACEAE**Circea**

- pacifica* Arch. Creek beds. S.

Clarkia

- pulchella* Pursh. Fields. Somenos. (Possibly introduced)

Epilobium

- angustifolium* L. Fireweed. Clearings. V. C.
franciscanum Bar. Damp places. F.
luteum Pursh. Cowichan Lake.
minutum Lindl. Open places in mountains.
paniculatum Nutt. Gravelly banks. F.

Godetia

- caurina* Abrams. Dry woods by sea. S.
tenella Wats. Sunny banks. Tzouhalem Mountain. R.

Ludvigia

- palustris* Ell. Water purslane. Margin of Quamichan Lake. F.

UMBELLIFERAE (PARSLEY FAMILY)**Angelica**

- geniflexa* Nutt. Wet places. V. L.

Carum

- Gairdneri* Gray. Caraway. Open places. S.

Caucalis

- microcarpa* H. & A. Sunny banks. Tzouhalem Mt. R.

Cicuta

- Douglasii* C. & R. Poison parsnip. Lake sides, etc. F.

Daucus

- pusillus* Michx. Wild carrot. Sunny slopes. Gulf. R.

Heracleum

- lanatum* Michx. Cow parsnip. Wet places. F.

Leptotaenia

- dissecta* Nutt. Oak woods. R.

Lilaeopsis

occidentalis C. & R. Salt marshes. L.

Oenanthe

sarmentosa Presl. Water parsley. Streams. V. C.

Osmorrhiza

divaricata Nutt. Sweet Cicely. Open woods. F.

Peucedanum (Lomatium)

leiocarpum Nutt. Hog fennel. Gravel. Sahtlam. L.

triternatum C. & R. Tzouhalem Mountain. R.

utriculatum Nutt. Rocky banks. F.

Sanicula

bipinnatifida Dougl. Sanicle. Sunny banks. Gulf. R.

Menziesii H. & A. Open dry woods. L.

septentrionalis Greene. Open woods. F.

Sium

cicutae-folium Gmel. Lake sides. F.

ARALIACEAE (GINSENG FAMILY)**Fatsia**

horrida B. & H. Devil's club. Wet woods in mount'ns. F.

CORNACEAE (DOGWOOD FAMILY)**Cornus**

canadensis L. Bunch berry. Open woods. Mount

Brenton, 3,000 feet.

Nuttallii T. & C. Dogwood. Warm situations. F.

pubescens Nutt. Red Osier Dogwood. Swamps. F.

ERICACEAE (HEATH FAMILY)**Arctostaphylos**

media Greene. Bearberry. Cowichan Lake. L.

tomentosa Dougl. Dry hillsides. L.

Uva-ursi Spreng. Gravel slopes. L.

Arbutus

Menziesii Pursh. Madrona. Dry hillsides. F.

Cassiope

Mertensiana Don. Moss heather. Cowichan Lake. F.

Chimaphila

Menziesii Spreng. Prince's Pine. Dry woods. S.

umbellata Nutt. Dry woods. F.

Cladothamnus

pyrolae-florus Bong. Copper bush. Cowichan Lake.

Gaultheria

ovalifolia Gray. Tea berry. Cliffs. Chemainus River. R.

shallon Pursh. Salal. Fir woods. V. C.

Kalmia

polifolia Wang. Bogs. L.

Ledum

latifolium. Labrador tea. Bogs. F.

Menziesia

ferruginea Smith. By Chemainus River. R.

Moneses

uniflora Gray. One-flowered pyrola. Cowichan Lake.

Oxycoccus

palustris Pers. Cranberry. Bogs. F.

Pyrola

aphylla Smith. Winter green. Fir woods. R.
asarifolia Michx. Fir woods. C.
chlorantha Swartz. Fir woods. S.
bracteata Hook. Fir woods. L.
picta Smith. Fir woods. S.
 var. dentata Piper. Fir woods. R.
secunda L. Fir woods. F.

Phyllodoce

empetriformis Don. False heather. Cowichan Lake.

Rhododendron

albiflorum Hook. Mount Brenton, 3,000 feet. R.

Vaccinium

caespitosum Mich. Blueberry. Margins of lakes. F.
membranaceum Dougl. In the mountains. R.
ovalifolium Smith. In the mountains. F.
ovatum Pursh. Koksilah hills. L.
parvifolium Smith. Damp woods. C.
uliginosum L. Bogs. R.

MONOTROPACEAE (INDIAN PIPE FAMILY)**Allotropa**

virgata T. & G. Fir woods. S.

Hypopites

Hypopites Small. Fir woods. R.

Monotropa

uniflora L. Indian pipe. Fir woods. S.

Pterospora

andromeda Nutt. Fir woods. R.

PLUMBAGINACEAE**Statice**

armeria L. Thrift. Rocks by shore. R.

PRIMULACEAE (PRIMROSE FAMILY)**Dodecatheon**

pauciflorum Greene. Shooting star. Wet rocks. Cowichan River, etc. F.

Lysimachia

thyrsiflora L. Loose strift. Lake sides. C.

Trientalis

arctica Fisch. By lakes. L.
latifolia Hook. Star flower. Open woods. F.

GENTIANACEAE (GENTIAN FAMILY)**Gentiana**

acuta Michx. Open places. S.
seeptrum Poll. Swamp gentian. By lakes. R.

Menyanthes

trifoliata L. Buckbean. Margins of lakes. C.

APOCYNACEAE

Apocynum

- androsaemifolium* L. Dogbane. Dry woods. F.
cannabinum L. Shale by Cowichan River. R.

CONVOLULACEAE (CONVOLVULUS FAMILY)

Convolvulus

- arvensis* L. Bindweed. Introduced. F.

Cuscuta

- arvensis* Beyrich. Dodder. On clover. S.

POLEMONIACEAE (PHLOX FAMILY)

Gilia

- canitata* Dougl. Shale. R.
gracilis Hook. Gravel. F.
grandiflora Gray. Gravel. S.
heterophylla Dougl. Open woods. F.
linearis Gray. Open woods. S.
tenella Benth. Grassy banks. F.
squarrosa H. & A. Grassy banks. R.

Phlox

- Douglasii* Hook. Phlox. In the mountains. Cowichan Lake.

HYDROPHYLLACEAE

Nemophila

- parviflora* Dougl. Grove lover. Open woods. F.
pedunculata Dougl. Dry slopes. L.
sepulta Parish. Dry slopes. F.

Romanzoffia

- sitchensis* Bong. Cowichan Lake.

BORAGINACEAE (BORAGE FAMILY)

Amsinckia

- lycopsoidea* Lehm. var. *bracteosa*. Alluvial lands. F.

Allocarya

- californica* D. C. Damp places. F.

Lappula

- echinata* Gil. Stickseed. Introduced. S.

Myosotis

- arvensis* Hill. Forget-me-not. Wet places. Cowichan.
macrosperma Eng. Gravel beds. Sahtlam. L.
versicolor Sm. Introduced.

LABIATEAE (MINT FAMILY)

Lycopus

- uniflorus* Mi. Bugleweed. Lake margins. F.

Marrubium

- vulgare* L. Horehound. Introduced. L.

Mentha

- canadensis* L. Mint. Wet places. F.
spicata L. Introduced. L.

Micromeria

- Douglasii* Benth. Dry woods. F.

Nepeta

- Cataria L. Catnip. Introduced. C.
 hederacea Trev. Ground Ivy. Introduced. S.

Prunella

- vulgaris L. Seal heal. Open places. C.

Scutellaria

- galericulata L. Skull cap. Margin of Somenos Lake. S.
 lateriflora L. Margin of Somenos Lake. F.

Stachys

- ciliata Dougl. Hedge nettle. Wet places. F.

SCROPHULARIACEAE (FIGWORT FAMILY)**Castilleja**

- angustifolia var.
 Bradburyi Fern. Paint brush. Grassy banks. L.
 miniata Dougl. Grassy banks. F.

Chelone

- nemorosa Dougl. Turtle head. Cowichan Lake.

Collinsia

- grandiflora Dougl. "Blue-eyed Mary". Stony places. F.
 var. pusilla Gray. "Blue-eyed Mary". Stony places. F.
 parviflora Dougl. Stony places. Maple Bay. R.

Gratiola

- virginiana L. Hedge hyssop. Wet places. V. L.

Linaria

- vulgaris Mill. Toad flax. Introduced. L.

Mimulus

- alpinus Gray. Monkey flower. Cowichan Lake.
 alsinoides Dougl. Wet banks. F.
 Langsdorfii Don. Wet places. C.
 var. nasutus Greene. Wet rocks. L.
 Lewisii Pursh. Cowichan Lake.
 Moschatus Dougl. Musk. Wet places. C.

Orthocarpus

- attenuatus Gray. Small paint brush. Sunny banks. Gulf. L.
 pusillus Benth. Grassy places. F.

Penstemon

- diffusus Dougl. Beard tongue. Open woods. Cowichan.
 Menziesii Hook. Cowichan Lake.

Veronica

- arvensis L. Speedwell. Introduced.
 americana Schw. Streams. C.
 peregrina L. Wet places. F.
 scutellata L. Swamps. F.
 serpyllifolia L. Wet places. C.

OROBANCHACEAE (BROOM RAPE FAMILY)**Boschniakia**

- strobilacea Gray. Poque. On salal by Cowichan River. V. L.

Orobanche

- comosa Hook. On Grindelia. Gulf Islands. V. L.
 fasciculata Nutt. In sand. Menzies Creek. V. L.
 pinorum Gey. On firs. Cowichan River. V. L.
 uniflora L. Cancer root. On grass etc. Cowichan. F.

LENTIBULARIACEAE**Pinguicula**

vulgaris L. Butterwort. In the mountains. Cowichan L.

Utricularia

vulgaris L. Bladder-wort. Keatings Lake.

minor L. Somenos Lake.

PLANTAGINACEAE (PLANTAIN FAMILY)**Plantago**

lanceolata L. Plantain. Introduced. C.

major L. Plantain. Clearings. C.

maritima L. By the sea. Cowichan. S.

RUBIACEAE**Galium**

aparine L. Cleavers. Damp places. Cowichan.

boreale L. Shaly banks. Cowichan. L.

trifidum L. Open places. F.

CAPRIFOLIACEAE (HONEYSUCKLE FAMILY)**Linnea**

borealis L. Twin flower. In fir woods. C.

Lonicera

ciliosa Poir. Orange honeysuckle. In fir woods. F.

hispidula Lindl. Purple honeysuckle. Rocky hillsides. L.

involucrata Banks. Bush honeysuckle. By streams. F.

Sambucus

glauca Nutt. Elder. Open woods. S.

racemosa L. Red elder. Wet places. F.

Symphoricarpus

racemosus Michx. Snowberry. Open woods. F.

var. pauciflorus Robbins. Snowberry. Dry woods. S.

Viburnum

pauciflorum Raf. Bear Lake, near Cowichan Lake.

VALERIANACEAE (VALERIAN FAMILY)**Valeriana**

sitchensis Bong. Valerian. Rocky woods. L.

Valerianella

congesta D. C. Sea blush. Shaly banks. F.

samolifolia K. Open woods. Sahtlam. L.

CAMPANULACEAE**Campanula**

rotundifolia L.

var. Alaskana. Bluebell. Rocks. Chem. River. V. L.

Scouleri Hook. Dry woods. S.

Specularia

perfoliata A. D. C. Sandy slopes by Maple Bay. V. L.

COMPOSITAE (DAISY FAMILY)**Achillea**

millefolium L. Yarrow. Dry woods and clearings. C.

Agroseris

heterophylla Greene. False dandelion. Gravel. Saht-

laciniata Greene. Gravel. F. lam. V. L.

- Adenocaulon**
bicolor Hook. Silver green. Damp woods. F.
- Anaphalis**
margaritacea Benth. Everlasting. Damp banks. F.
- Anthemis**
cotula L. Mayweed. Introduced. C.
- Antennaria**
Howellii Greene. Dry fir woods. S.
- Artemisia**
ludoviciana Nutt. Sage brush. Open places. S.
sp. ? Rocks by sea. L.
- Arnica**
amplexicaulis Nutt. Arnica. Wet rocks. Cowichan
aspera. Gordon River. Cowichan Lake. River. F.
latifolia Bong. Rocks by Chemainus River. L.
- Arctium**
minus Brh. Burdock. Introduced. C.
- Aster**
Douglasii Lindl. Michaelmas daisy. Open places. C.
modestus Lindl. Michaelmas daisy. Damp places. F.
- Balsamorhiza**
deltoidea Nutt. Balsam root. Oak woods. R.
- Bellis**
perennis L. Daisy. Introduced. F.
- Bidens**
amplissima Greene. Bur marigold. By Somenos Lake. L.
- Chrysanthemum**
leucanthemum L. Ox-eyed daisy. Introduced. C.
- Cotula**
coronopifolia L. Mud, Cowichan Bay. L.
- Carduus**
arvensis L. Canada thistle. Introduced. F.
edulis Greene. Open places. S.
lanceolatus L. Spear thistle. Introduced. V. C.
- Crepis**
biennis L. Hawksbeard. Introduced. V. C.
- Cichorium**
Intybus L. Chicory. Introduced. S.
- Crocidium**
multicaule Hook. Spring daisy. Shaly banks. L.
- Erigeron**
canadensis L. Fleabane. Introduced. F.
philadelphicus L. Fleabane. Damp clearings. F.
strigosus Muhl. Fleabane. Rocks, Chem. River. V. L.
- Eriophyllum**
caespitosum Dougl. Woolly sunflower. Dry places. L.
- Gnaphalium**
microcephalum Nutt. Cudweed. Dry woods. L.
purpureum L. Cudweed. Dry ground. F.
uliginosum L. Cudweed. Dry ground. C.

Grindelia

nana Nutt. Gum weed. Sunny rocks. Gulf. F.

Hieracium

albiflorum Hook. Hawk weed. Dry woods. F.
canadense Mich. By Somenos Lake. R.

Hypochoeris

glabra L. Cat's ear. Introduced. L.
radicata L. Cat's ear. Introduced. V. C.

Lactuca

spicata Hitch. Tall lettuce. Damp clearings. F.
scariola L. Prickly lettuce. Introduced. S.

Luina

hypoleuca Benth. Sunny rocks. Chem. River. V. L.

Madia

exigua Greene. Tar weed. Dry woods. S.
glomerata T. & G. Tar weed. Road sides. F.
madioides Nutt. Tar weed. Dry woods. S.
racemosa T. & G. Tar weed. Dry woods. F.
sativa Mol. Tar weed. Clearings. Cobble Hill. L.

Matricaria

suaveolens Buck. Pineapple weed. Introduced. C.

Petasites

speciosa Nutt. Colt's foot. By streams. F.

Prenanthes

alata Gray. Damp woods. Chemainus River. L.

Rudbeckia

hirta L. Cone flower. Introduced. R.

Senecio

balsamitae Muhl. Ragwort. Gravel. L.
triangularis Hook. Damp woods. Chemainus River. L.
vulgaris L. Groundsel. Introduced. F.

Sericocarpus

ridigus Lindl. Oak woods. R.

Solidago

clongata Nutt. Golden rod. Open woods. F.

Sonchus

oleraceus L. Sow thistle. Introduced. C.

Taraxacum

officinale Weber. Dandelion. Introduced. V. C.

Tragopogon

porrifolius L. Salsify. Introduced. L.