

**Checklist of Vascular Plants of the UVic Campus
University of Victoria Herbarium Contribution No. 3
Compiled by B. Costanzo, G. A. Allen and J. A. Antos
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I. Species Lists by Area

Description of Areas:

1. South woods bounded by Henderson Road/Cedar Hill X-Rd./Ring Road/Parking Lot #10 and up to Oak Bay Easement on East side. (July 27, 1993, May 9, 1994)
2. Mystic Vale (April 15, 1994) (and combined with list from Jan. 1993 NJT)
3. Fringe of oak woods on East side of Myst

Site 1: Woods across Ring Road up to Oak Bay Easement and Cedar Hill X Road.
July 27, 1993; May 9, 1994.

Second growth Douglas-fir and first growth Yew with mature Arbutus and Big-leaved Maple trees. Understory is composed of the common shrubs around campus such as Indian Plum, Ocean Spray, Nootka Rose, Mahonia, Cascara, Plum, Snowberry and Ninebark. This site has been disturbed due to the invasion of English Ivy and Holly trees, plus the felling of older Grand firs. Low light, mesic.

Abies grandis A

Acer macrophyllum A

Alnus rubra O

Arbutus menziesii O

*Crataegus monogyna** O

Malus fusca O

Populus tremuloides A

Prunus emarginata (near jogging trails and in back near Oak Bay easement) A

Pseudotsuga menziesii A

Quercus garryana (across from Petch office buildings along path out to Cedar Hill X Rd.) O

Rhamnus purshiana A

Salix sp. O

Sambucus racemosa (along path West towards entrance to University) S

Site 1 continued:

Achlys triphylla A
 Adenocaulon bicolor A
 Arenaria macrophyllum S
 Bellis perennis* A
 Corallorhiza maculata A
 Epilobium angustifolium O
 Epilobium munitum O
 Epipactis helleborine* A
 Erythronium oreganum O
 Erythronium revolutum (planted?) O
 Galium triflorum A
 Geum macrophyllum A
 Goodyera oblongifolia O
 Hedera helix* A
 Lactuca muralis* A
 Lapsana communis* A
 Lathyrus nevadensis O
 Mahonia nervosa A
 Melica subulata A
 Monotropa uniflora O
 Montia perfoliata O
 Montia sibirica O
 Nemophila parviflora S
 Plantago lanceolata* O
 Prunella vulgaris* S
 Ranunculus repens* A
 Ranunculus uncinatus O
 Sanicula crassicaulis A
 Tellima grandiflora A
 Tiarella trifoliata A
 Trientalis latifolia A
 Trillium ovatum O
 Utrica dioica O
 Veronica americana O

Athyrium filix-femina S
 Polystichum munitum A
 Pteridium aquilinum A

Site 2 continued:

Lactuca muralis* A
Lathyrus nevadensis A
Luzula sp. O
Lysichiton americanum A
Maianthemum dilatatum O
Monotropa uniflora O
Montia sibirica A
Nemophila parviflora O
Oenanthe sarmentosa A
Osmorhiza chilensis A
Ranunculus repens* A
Rubus discolor* A
Rubus ursinus A
Sanicula crassicaulis A
Satureja douglasii O
Smilacina racemosa O
Stachys cooleyae O
Tellima grandiflora A
Tiarella trifoliata A
Trientalis latifolia A
Trillium ovatum A
Utrica dioica O

Athyrium felix-femina O
Dryopteris expansa O
Polypodium glycyrrhiza O
Polystichum munitum A
Pteridium aquilinum A

Site 3: Oak woods on East side of Mystic Vale bordering Experimental field; May 15, 1997.

Fringe of Garry Oak trees next to a once cultivated field (hay and orchard ó apples).

Abies grandis O

Arbutus menziesii (one at N end)

Malus sp.* (one)

Prunus sp. * (purple leaved)

Prunus sp. * A (cherry)

Pseudotsuga mensiesii O

Quercus garryana A

Rhamnus purshiana O

Amelanchier alnifolia O

Cytisus scoparius * A

Oemleria cerasiformis A

Rubus discolor *

*Symphoricarpos albus**

*Agropyron repens** A

Bromus pacificus A

Dactylis glomerata A

*Hedera helix** (at N end) A

*Poa pratensis** A

Pteridium aquilinum O

Site 4: Oak woods behind greenhouses by old daycare centre. May 9, 1994.

Degraded Garry oak patch, predominantly with Ocean spray, Saskatoon and being over run with ivy and Scot's broom. Hemmed in on all sides by two roads, greenhouse, and compost area of grounds dept.

Betula glandulosa? S
*Crataegus monogyna** A
*Prunus sp.** (hort. cherry) O
Pseudotsuga menziesii O
Quercus garryana A
Rhamnus purshiana O
Salix sp. A

Amelanchier alnifolia A
*Cytisus scoparius** O
Holodiscus discolor O
*Ilex aquifolium** O
Oemleria cerasiformis O
Rosa nutkana A
*Rubus discolor** A
Rubus ursinus O
Symphoricarpos albus A

Site 5: Field between Gordon Head, Mckenzie and McGill Roads. July 8, 1993.

Open field with one drainage ditch running SW to NE closest to McGill Road. Dirt piles added in April 1994 from Ring Road and parking lot up to drainage ditch.

Alnus rubra A

Populus tremuloides A

Salix hookeriana O

Salix lasiandra O

Salix scouleriana A

Cornus stolonifera O

*Crataegus douglasii** O

Oemleria cerasiformis O

Rhamnus purshiana O

Rosa nutkana A

*Rubus discolor** A

Rubus spectabilis A

Rubus ursinus O

Spiraea douglasii (in drainage ditch across from Stadium) A

*Agropyron repens** A

*Bellis perennis** A

Cirsium edule A

Geranium carolinianum O

*Holcus lanatus** A

Juncus effusus (in drainage ditch) A

*Matricaria matricaria** A

Oenanthe sarmentosa (in drainage ditch) A

*Phalaris arundinacea** A

*Phleum pratense** A

*Plantago lanceolata** A

*Poa pratensis** A

Potentilla pacifica A

*Ranunculus repens** A

*Rumex crispus** A

Taraxacum sp. A

Typha latifolia (in drainage ditch) A

*Trifolium dubium** A

*Trifolium pratense** A

*Trifolium repens** A

Utrica dioica O

Vicia hirsuta A

*Vicia sativa** A

*Vicia villosa** O

Equisetum arvense A

Site 6: Behind Begbie Building bordered by parking lot #8 and access road to Faculty Club and Ring Road. July 27, 1993; May 6, 1994.

Predominantly mature Big-leaved Maple with Douglas-fir and Arbutus scattered throughout. Poplar along road to Faculty Club in low-lying area. Understory is mainly Indian Plum, Ocean Spray, Mahonia and Swordfern. The highest frequency of Mock

Site 6 continued:

Myosotis discolor (lawn area) O
Ranunculus repens *(along lawn) S
Rumex obtusifolius *(along lawn) S
Sanicula crassicaulis O
Tellima grandiflora O
Trientalis latifolia A

Polystichum munitum A
Pteridium aquilinum A

Site #7: Woods Behind Parking Lot 8 & 9 up to Gordon Head Road. July 8, 1993; May 6, 1994.

Second growth Douglas-fir with Grand fir, Poplar, Big-leaf maple. One very wet-aquatic strip running West to East with Poplar. Along the edge of the field next to Parking Lot 10 mainly Nootka Rose, Red Alder, Poplar, Hawthorn, Broom. Shady, dry to wet site.

A. Hedgerow:

Abies grandis S
 Alnus rubra A
 Arbutus menziesii S
 Crataegus douglasii A
 Crataegus monogyna*
 Populus tremuloides A
 Pseudotsuga menziesii (one clump along GH with oaks) O
 Quercus garryana (one clump along GH road) O
 Rhamnus purshiana A

Amelanchier alnifolia O
 Cornus stolonifera A
 Cytisus scoparius* O
 Malus fusca O
 Oemleria cerasiformis A
 Rosa nutkana A
 Rubus discolor* A
 Rubus ursinus A
 Symphoricarpos albus A

B. Woods:

Abies grandis A
 Acer macrophyllum A
 Alnus rubra A
 Ilex aquifolium* O
 Populus tremuloides A
 Prunus emarginata O
 Pseudotsuga menziesii A
 Salix sp. A

Amelanchier alnifolia O
 Cornus stolonifera A
 Hedera helix* A
 Holodiscus discolor A
 Ilex aquifolium* A

Site 7 continued:

Lonicera ciliosa O

Oemleria cerasiformis A

Philadelphus lewisii A

Site 8: Field next to Lot 10. July 8, 1993, May 6, 1994.

Site 8 continued:

*Poa pratensis** A
Polygonum lapathifolium (Aug. 8/94) O
*Prunella vulgaris** A
Ranunculus occidentalis A
*Ranunculus repens** A
Raphanus raphanistrum (Aug. 8/94) O
Rhinanthus minor A
Rorippa sp. O
*Rubus discolor** A
Rubus ursinus A
Rumex acetosa A
*Rumex crispus** O
*Senecio vulgaris** O
*Sisymbrium officinale** O
*Stellaria media** O
Taraxacum sp.* A
*Tragopogon porrifolius** O
*Trifolium dubium** O
*Trifolium pratense** A
*Trifolium repens** A
*Vicia cracca** A
Vicia hirsuta A
*Vicia sativa** A
*Vicia villosa** A

B. Shrub layer along Gordon Head Road:

Abies grandis R
*Crataegus monogyna** A
Malus fusca (several clumps next to Poplar) O
Populus tremuloides S
Pseudotsuga menziesii S
Sorbus sp. (introduced?) S

Amelanchier alnifolia O
Cornus stolonifera A
*Cytisus scoparius** A
Oemleria cerasiformis O
Quercus garryana (across from school) O
Rhamnus purshiana O
Rosa gymnocarpa A
*Rubus discolor** A
Rubus ursinus A
Spiraea douglasii O

Symphoricarpos albus A

Site #9: Woods behind Phoenix Theatre & Faculty Club. July 8, 1993; May 6, 1994)

Small pocket of Douglas-fir with some young Grand fir. Also, Garry Oak on the side near the road to the Faculty Club. Willows in the lower part of the depression. Thick understory of Indian Plum. Dry to wet; generally shady.

Abies grandis A
Acer macrophyllum A
Alnus rubra O
Arbutus menziesii O
*Crataegus monogyna** O
Populus tremuloides A
Pseudotsuga menziesii A
Quercus garryana (near road to Faculty Club) O
Salix sp. A

Cornus stolonifera A
*Cytisus scoparius** O
Holodiscus discolor A
*Ilex aquifolium** O
Lonicera ciliosa O
Oemleria cerasiformis A
Rhamnus purshiana O
Rosa nutkana A
*Rubus discolor** A
Rubus ursinus O
Symphoricarpos albus A

Calandrinia ciliata (next to main path, in lawn by Phoenix) O
*Cirsium vulgare** O
*Daphne laureola** O
*Epipactis helleborine** O
Galium triflorum O
*Lapsana communis** A
*Ranunculus repens** A
*Spergula arvensis** (next to main path in lawn by Phoenix) O
Tellima grandiflora O
Utrica dioica O

Pteridium aquilinum O

Site #10: Woods behind Parking Lot 6 and Chapel, up to Garry Oak Meadow and Finnerty Gardens. June 25, 1993; April 28, 1994.

Site 11: Garry Oak Meadow at Cedar Hill X Road and Gordon Head Road June 25, 1993; April 28, 1994

Disturbed Garry Oak meadow of Camas surrounded by pockets of shrubs, and including three small rocky outcrops. In 1993 the field was filled with dirt piles during the late winter, and many introduced weeds grew in the spring/summer which were not noted in this survey. Generally a dry, open site that has some wettish spots in the spring.

Quercus garryana A
*Crataegus monogyna** O
*Malus sp.** S

*Cytisus scoparius** A
Oemleria cerasiformis A
Rosa nutkana A
Symphoricarpos albus A

Agropyron repens A
Agrostis oregonensis O
*Aira praecox** (outcrops) A
Allium acuminatum (in rocky outcrop by jogging trail under oaks with *Brodiaea coronaria*) A
*Anthoxanthum odoratum** A
*Arrhenatherum elatius** A
*Bellis perennis** A
Brodiaea coronaria O
*Bromus commutatus** O
*Bromus hordeaceus** (=B. mollis) O
Bromus pacificus O

Site 11 continued:

Hypochaeris radicata* A
Juncus tenuis O
Lamium purpureum* A
Lapsana communis* O
Lepidium campestre* O
Lomatium nudicaule O
Lupinus bicolor O
Matricaria matricoides* O
Melilotus alba* O
Montia linearis O
Montia perfoliata (outcrops) O
Piperia elegans (by parking kiosk next to rocky outcrop x1 Sept. -99) R
Plantago lanceolata* A
Poa pratensis* A
Ranunculus occidentalis A
Rhinanthes minor A
Rumex crispus* A
Sanicula crassicaulis O
Senecio vulgaris* O
Sisyrinchium angustifolium O
Spiranthes romanzoffia O (not seen since 1994)
Stellaria media* O
Taraxacum sp. A
Trifolium dubium* A
Trifolium pratense* A
Triteleia hyacinthina O
Vicia hirsuta A
Vicia sativa* A

Site 12: Field and woods at Cedar Hill X Road & Henderson Road June 3, 1993; April 28, 1994.

A. Woods and fringe of woods:

Lolium perenne* A
 Matricaria maritima* A

Site 12 continued:

Matricaria matricarioides* O
 Navarretia squarrosa +
 Phalaris arundinaceae* A
 Plantago lanceolata* A
 Plantago major A
 Poa pratensis* A
 Polygonum aviculare +
 Prunella vulgaris* O
 Ranunculus occidentalis +
 Rhinanthus minor A
 Rosa nutkana (parallel to Cedar Hill X Road) O
 Rubus ursinus O
 Rumex crispus* O
 Sanicula crassicaulis O
 Sisymbrium officinale* S
 Taraxacum sp.* A
 Tragopogon porrifolius* O
 Trifolium dubium A
 Trifolium pratense* A
 Trifolium repens* A
 Vicia hirsuta A
 Vicia sativa* A

(+ collected here in 1992 but not evident again in 1994))

Site 13: Phase 1 Finnerty Gardens June 3, 1993; May 6, 1994)

Scattered Douglas-fir and Red alder with a shrub border on West side of gardens of predominantly Snowberry, Red-Osier dogwood and Indian Plum understory. Site is damp to wet and generally open to slightly shady light exposure.

Abies grandis O
Acer circinatum (planted) O
Alnus rubra O
Arbutus menziesii O
*Crataegus monogyna** O
Pseudotsuga menziesii O
Salix sp. O

Cornus stolonifera A
Gaultheria shallon (planted) O
Holodiscus discolor O
Oemleria cerasiformis A
Physocarpus capitatus O
Prunus emarginata S
Rhamnus purshiana O
Rosa nutkana A
*Rubus discolor** A
Spiraea douglasii O
Symphoricarpos albus A

Epilobium watsonii ? O
Maianthemum dilatatum O
*Ranunculus repens** A
Tellima grandiflora O
Trientalis latifolia O

Polystichum munitum O
Pteridium aquilinum O

Site 14: Cunningham Woods June 2, 1993; May 9, 1994.

Second growth coniferous forest dominated by Douglas-fir, interspersed with Arbutus, Largeleaf Maple, Yew having an understory of Indian Plum, Ocean Spray, Snowberry,

Site 14 continued:

*Lactuca muralis** A

*Lapsana communis** A

Melica subulata A

*Ranunculus repens** O

Sanicula crassicaulis A

Tellima grandiflora A

Tiarella trifoliata O

Trientalis latifolia A

Trillium ovatum (one at top of loading bay) S

Polystichum munitum A

Pteridium aquilinum A

Site 15: Haro Woods April 4, 1995.

Second growth coniferous forest dominated by Douglas-fir, Grand fir, Large-leaved maple and Poplar with some Yew, Arbutus and Willow.

Acer macrophyllum
Abies grandis
Arbutus menziesii
*Pinus ponderosa** (x2)
Populus balsamifera
Pseudotsuga menziesii
Quercus garryana
Salix hookeriana
Taxus brevifolia

Cornus stolonifera
*Cytisus scoparius**
Holodiscus discolor
Oemleria cerasiformis
Philadelphus lewisii
Physocarpus capitatus
Sambucus racemosa
*Rubus discolor**
Rubus parviflorus
Rubus spectabilis
Symphoricarpos albus

Berberis aquifolium
Berberis nervosa
Equisetum hyemale
*Erodium cicutarium**
Geranium molle
*Hedera helix**
Lamium purpureum
Lonicera ciliosa
Osmorhiza chilensis
Maianthemum dilatatum
Montia perfoliata
Polypodium glycyrrhiza
Polystichium munitum
Sanicula crassicaulis
Taraxacum officinale
Tellima grandiflora
Utrica dioica
 (Poaceae)

II. Overall Species List (* recorded by David Newell in 1983 list and "?" indicates doubtful occurrence or not inventoried since 1993)

Abies grandis
Acer circinatum -planted
*Acer glabrum**?
Acer macrophyllum
Achlys triphylla
Adenocaulon bicolor
Agropyron repens
*Agrostis alba**
*Agrostis exarata**
*Agrostis oregonensis**
*Agrostis tenuis**
Aira praecox (outcrops)
Allium acuminatum
Alnus rubra
Alopecurus geniculatus
*Amaranthus albus**
*Amaranthus retroflexus**
Amelanchier alnifolia
Anagalis arvensis
*Anemone lyalli**?
*Anthemis arvensis**
Anthemis cotula
Anthoxanthum odoratum
Arabidopsis thaliana
Arbutus menziesii
Arenaria macrophyllum
Arrhenatherum elatius
*Aruncus slyvester**?
*Aster eatonii**
*Aster hesperis**?
Aster sp.
Aster subspicatus
Athyrium filix-femina
Avena fatua
*Barbarea verna**
Bellis perennis
Betula sp.
*Bidens amplissima**
Brassica campestris
*Brassica nigra**
Brassica sp.
Brodiaea coronaria

Brodiaea hyacinthina (= *Triteleia hyacinthina*)
*Bromus carinatus**
Bromus pacificus
*Bromus sitchensis**
*Bromus tectorum**
Calandrinia ciliata
Capsella bursa-pastoris
Camassia quamash
Cardamine angulata
Cardamine oligosperma
Cardamine pulcherrima
Carex hendersonii
Cerastium arvense (outcrops)
*Cerastium vulgatum**
Chenopodium album
Chrysanthemum leucanthemum
Cirsium arvense
Cirsium edule
Cirsium sp.
*Conium maculatum**
Convolvulus arvensis
Convolvulus sepium
Corallorrhiza maculata
Cornus stolonifera
Crataegus douglasii
Crataegus monogyna
Cynosurus cristatus
Cytisus scoparius
Dactylis glomerata
Daphne laureola
Daucus carota
*Disporum hookeri**?
Dodecatheon hendersonii
*Dodecatheon pulchellum**?
Dryopteris expansa
*Echinochloa crusgalli**
Epilobium angustifolium
Epilobium munitum
Epilobium sp.
Epipactis helleborine
Equisetum arvense
Erodium cicutarium
Erythronium oreganum
Erythronium revolutum
*Eschscholtzia californica**

Galium triflorum
Gaultheria shallon
Geranium carolinianum
Geranium dissectum*
Geranium molle (outcrops)
Geranium pusillum*?
Geum macrophyllum
Glyceria striata (in stream near bridge) Gnaphalium palustre*
Goodyera oblongifolia
Habenaria dilatatum
Hedera helix
Heracleum lanatum*
Hieracium sp.
Holcus lanatus
Holodiscus discolor
Hordeum leporinum*?
Hypericum formosum*
Hypericum perforatum*?
Hypochaeris radicata
Ilex aquifolium
Juncus balticus*
Juncus bolanderi*?
Juncus bufonius*
Juncus effusus (in drainage ditch) Juncus tenuis
Lactuca communis
Lactuca muralis
Lamium purpureum
Lapsana communis
Lathyrus nevadensis
Leotodon taraxocoides*
Lepidium campestre
Lepidium heterophyllum*
Linaria canadensis*
Lolium perenne
Lomatium nudicaule
Lonicera ciliosa
Lonicera hispidula
Lupinus bicolor
Lupinus arboreus
Luzula campestris
Luzula sp.
Lysichitum americanum (aquatic)
Madia glomerata*?
Mahonia nervosa

Malus sp.

Matricaria maritima

Matricaria matricaria

Matricaria matricarioides

*Medicago lupulina**

*Medicago sativa**

*Melica subulata**

Potentilla pacifica/anserina
Prunella vulgaris
Prunus emarginata
Pseudotsuga menziesii
Pteridium aquilinum
Pyrus fusca (=Malus fusca)
Quercus garryana
Ranunculus acris*
Ranunculus ficaria*
Ranunculus occidentalis
Ranunculus uncinatus
Ranunculus repens
Raphanus raphanistrum
Rhamnus purshiana
Rhinanthes minor
Ribes bracteosum*
Ribes lobbii
Ribes sanguineum
Rorippa curvisiliqua
Rosa gymnocarpa
Rosa nutkana
Rosa pisocarpa
Rubus discolor
Rubus parviflorus
Rubus spectabilis
Rubus ursinus
Rumex acetosa
Rumex crispus
Rumex occidentalis*
Rumex obtusifolius (along lawn)
Salix hookeriana
Salix lasiandra
Salix scouleriana
Salix sitchensis
Sambucus racemosa
Sanicula crassicaulis
Satureja douglasii
Senecio vulgaris
Silene gallica*
Sisymbrium officinale
Sisyrinchium angustifolium
Smilacina racemosa
Solanum nigra*
Solanum dulcamara
Spargula arvensis

Spergularia rubra*
Spiraea douglasii
Spiranthes romanzoffiana
Stachys cooleyae
Stellaria calycantha*
Stellaria media
Symphoricarpos albus
Taraxacum officinale
Taxus brevifolia
Tellima grandiflora
Thalspi arvense*
Thuja plicata
Tiarella trifoliata
Tragopogon porrifolius
Trientalis latifolia
Trifolium arvense*
Trifolium dubium
Trifolium pratense
Trifolium repens
Trillium ovatum
Tsuga heterophylla*?
Typha latifolia
Ulex europaeus*
Urtica dioica
Vaccinium parvifolium
Veronica arvensis*
Veronica americana
Veronia peregrina*
Veronica persica*
Veronica serpyllifolia*
Vicia cracca
Vicia hirsuta
Vicia sativa
Vicia villosa
Vulpia myuros*

