

PLANTS AND FUNGI OBSERVED IN FRENCH CREEK ESTUARY FOREST.

MAY 25, 2019.

North of Highway 19A, east of Columbia Drive, west of estuary. Including west side of estuary,
and Columbia Drive Community Park.

Terry Taylor. Arrowsmith Naturalists.

TREES:

<i>Abies grandis</i>	grand fir
<i>Acer macrophyllum</i>	big leaf maple, broad leaf maple
<i>Alnus rubra</i>	red alder
<i>Malus fusca</i>	Pacific crab apple
<i>Picea sitchensis</i>	Sitka spruce
<i>Prunus emarginata</i>	bitter cherry
<i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	coastal Douglas fir
<i>Thuja plicata</i>	western redcedar

SHRUBS:

<i>Cornus stolonifera</i> (<i>C. sericea</i>)	red osier dogwood
<i>Gaultheria shallon</i>	salal
<i>Holodiscus discolor</i>	ocean spray
<i>Lonicera ciliosa</i>	orange honeysuckle
<i>Mahonia nervosa</i> (<i>Berberis nervosa</i>)	dull Oregon grape
<i>Rosa nutkana</i>	Nootka rose
<i>Rubus parviflorus</i>	thimbleberry
<i>Rubus spectabilis</i>	salmonberry
<i>Rubus ursinus</i> ssp. <i>macropetalus</i>	trailing blackberry
<i>Sambucus racemosa</i> ssp. <i>pubens</i> var. <i>arborescens</i>	coastal red elderberry
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	snowberry, waxberry

HERBACEOUS PLANTS:

<i>Achillea millefolium</i>	yarrow
<i>Achlys triphylla</i>	vanilla leaf
<i>Adenocaulon bicolor</i>	pathfinder, silver green
<i>Aphanes arvensis</i> (<i>Alchemilla occidentalis</i>)	parsley piert
<i>Barbarea orthoceras</i> (<i>B. americana</i>)	American winter cress
<i>Galium aparine</i>	cleavers
<i>Lathyrus nevadensis</i> var. <i>pilosellus</i>	purple peavine
<i>Maianthemum dilatatum</i>	wild lily of the valley
<i>Nemophila parviflora</i>	small flowered grove lover
<i>Osmorhiza berteroi</i> (<i>O. chilensis</i>)	mountain sweet cicely
<i>Prosartes hookeri</i> var. <i>oregana</i> (<i>Disporum hookeri</i>)	Hooker's fairybells
<i>Sanicula crassicaulis</i>	Pacific sanicle
<i>Scutellaria lateriflora</i>	blue skullcap, mad dog skullcap
<i>Tellima grandiflora</i>	fringecup
<i>Trientalis borealis</i> ssp. <i>latifolia</i>	broad leaved starflower
<i>Trillium ovatum</i>	western trillium
<i>Urtica dioica</i> ssp. <i>gracilis</i>	stinging nettle
<i>Veronica beccabunga</i> ssp. <i>americana</i>	American speedwell, American brooklime

GRASSES AND ALLIES:

Bromus sitchensis	Alaska brome grass
Carex deweyana var. leptopoda	Dewey's sedge
Carex hendersonii	Henderson's sedge
Carex obnupta	basket sedge, slough sedge
Festuca sp.	fescue grass
Juncus bufonius	toad rush
Melica subulata	Alaska onion grass
Scirpus microcarpus	small flowered sedge

FERNS AND ALLIES:

Athyrium filix-femina ssp. cyclosorum	lady fern
Equisetum hyemale	scouring rush
Equisetum telmateia ssp. braunii	giant horsetail
Polystichum munitum	sword fern
Pteridium aquilinum ssp. lanuginosum	bracken fern

INTRODUCED PLANTS:

Aira caryophyllea	silver hair grass
Aira praecox	early hair grass
Anthoxanthum odoratum	sweet vernal grass
Anthriscus caucalis (A. scandacina)	bur chervil
Arabidopsis thaliana	thale cress
Brassica oleracea	kale
Bromus hordeaceus (B. mollis)	soft brome grass
Bromus tectorum	cheat grass
Cardamine hirsuta	hairy bitter cress
Cerastium viscosum (C. glomeratum)	sticky chickweed
Cirsium arvense var. horridum	Canada thistle
Clematis vitalba	traveller's joy
Convolvulus sepium (C. sylvatica)	bindweed, wild morning glory
Crataegus monogyna	European hawthorn, may tree
Crepis capillaris	smooth hawksbeard
Cytisus scoparius (Sarthamnus scoparius)	broom
Dactylis glomerata	orchard grass
Daphne laureola	spurge laurel
Daucus carota	wild carrot, Queen Anne's lace
Draba verna (Eriophila verna)	vernal whitlow grass, spring draba
Erodium cicutarium	stork's bill
Geranium dissectum	cut leaved geranium
Geranium molle	dove foot geranium
Geranium robertianum	herb Robert geranium
Hedera helix	ivy
Holcus lanatus	velvet grass, London fog grass
Hyacinthoides hispanicus (Endymion hispanica)	Spanish bluebells
Hypericum perforatum	St. John's wort
Hypochaeris radicata	hairy cat's ear
Ilex aquifolium	holly
Lactuca muralis (Mycelis muralis)	wall lettuce
Lamium stramonium (Galeobdolon luteum)	lamium, yellow archangel

Lapsana communis	nipplewort
Lepidium heterophyllum	Smith's pepper grass
Leucanthemum vulgare (Chrysanthemum leucanth.)	ox eye daisy
Lychnis coronaria	rose campion
Myosotis discolor	yellow forget me not
Plantago lanceolata	ribwort plantain, English plantain
Poa annua	annual blue grass
Poa pratensis	Kentucky blue grass
Poa trivialis	rough blue grass
Prunus domestica	plum
Ranunculus repens	creeping buttercup
Raphanus raphanistrum	wild radish
Rubus discolor (R. armeniacus, R. procerus)	Himalayan blackberry
Rumex acetosella	sheep sorrel, sour grass
Rumex conglomeratus	clustered dock
Rumex crispus	curly dock
Rumex obtusifolius	bitter dock
Senecio vulgaris	common groundsel
Sonchus arvensis	perennial sow thistle
Sonchus asper	prickly sow thistle
Spergularia rubra	red sand spurry
Stellaria media	chickweed
Tanacetum vulgare	tansy
Taraxacum officinale	dandelion
Teesdalia nudicaulis	shepherd's cress
Trifolium arvense	hare's foot clover
Trifolium dubium	small hop clover
Trifolium pratense	red clover
Valerianella locusta	corn salad
Vicia hirsuta	tiny vetch
Vicia sativa	common vetch
Vinca major	large periwinkle
Vinca minor	periwinkle
Vulpia myuros (Festuca myuros)	rat tail fescue grass

ESTUARY AND BEACH PLANTS:

Ambrosia chamissonis	silver bur weed
Aster subspicatus (Symphiotrichum subspicatum)	Douglas aster
Atriplex subspicata (A. patula)	orache
Cakile edentula	American sea rocket
Cuscuta salina	salt marsh dodder
Distichlis spicata var. spicata	seashore salt grass
Glaux maritima ssp. obtusifolia	sea milkwort
Grindelia integrifolia	Puget Sound gumweed
Juncus balticus	Baltic rush
Lathyrus japonicus var. maritima	beach pea
Lepidium virginicum	tall pepper grass
Leymus mollis (Elymus mollis)	American dune grass
Plantago maritima ssp. juncoides	sea plantain
Potentilla egedii (P. pacifica)	coast silverweed
Spergularia salina (S. marina)	salt marsh sand spurry
Triglochin maritima	seaside arrow grass

MOSSES :

<i>Aulacomnium androgynum</i>	lover's moss
<i>Brachythecium albicans</i>	
<i>Dicranoweisia cirrata</i>	thatch moss
<i>Dicranum tauricum</i> (<i>Orthodicranum strictum</i>)	
<i>Hypnum circinale</i>	
<i>Isothecium myosuroides</i> (<i>Isothecium stoloniferum</i>)	cat tail moss
<i>Kindbergia oregana</i> (<i>Eurhynchium oreganum</i>)	Oregon beaked moss
<i>Kindbergia praelonga</i>	slender beaked moss
<i>Polytrichum juniperinum</i>	juniper haircap moss
<i>Pseudoscleropodium purum</i>	
<i>Racomitrium canescens</i> (<i>Niphotrichum elongatum</i>)	road side rock moss
<i>Rhizomnium glabrescens</i>	
<i>Tortula princeps</i> (<i>Syntrichia princeps</i>)	

LICHENS:

<i>Caloplaca californica</i>	
<i>Candelariella aurella</i>	gold spot lichen
<i>Cladonia fimbriata</i>	trumpet lichen
<i>Evernia prunastri</i>	oakmoss lichen, perfume lichen
<i>Graphis scripta</i>	script lichen
<i>Hypogymnia physodes</i>	monk's hood lichen
<i>Lecanora</i> sp.	
<i>Lepraria</i> sp.	dust lichen
<i>Parmelia sulcata</i>	shield lichen
<i>Peltigera britannica</i>	
<i>Porpidia crustulata</i>	
<i>Ramalina farinacea</i>	dotted line lichen
<i>Thelomma occidentale</i>	
<i>Usnea subfloridana</i>	
<i>Xanthoparmelia cumberlandia</i>	rock frog lichen
<i>Xanthoria candelaria</i>	
<i>Xanthoria polycarpa</i> (<i>X. ramulosa</i>)	

FUNGI:

<i>Didymascella thujina</i>	(on redcedar leaves)
<i>Phragmidium</i> sp.	(a rust on Nootka rose)
<i>Trichaptum abietinum</i>	

Taxonomy for the vascular plants follows that used by the Illustrated flora of British Columbia.

This survey was done in a 5 hour period on May 25, 2019. A more thorough survey would probably find many other species. Other species would also be found if surveys were done at other times of the year. There are very few fungi shown, due to the dry conditions.

The number of introduced plants gives a false impression of the site. Most of the area is native vegetation. Almost all these introduced ones are along the road edges, and in disturbed sites.

