

Subject: Mapped Critical Habitat for Vascular Plant Species at Risk in Saanich

The following Saanich Parks and other lands have Critical Habitat for Species at Risk mapped

| | | |
|------------------------------|--|--|
| Saanich Parks | | |
| Christmas Hill | Yellow Montane Violet, Tall Woollyheads | |
| Falaise Park | Yellow Montane Violet | |
| Glencoe Cove/Kwatsech | Bearded Owl-clover, Purple Sanicle, Macoun's Meadow-foam | (on to private land too) |
| Mount Douglas/ P'KOLS | Purple Sanicle | |
| Mount Tolmie | Foothill Sedge | Foothill Sedge has been changed to yellow-listed by CDC |
| Playfair Park | Yellow Montane Violet | |
| Rithet's Bog | Purple Sanicle | |
| | | |
| Other jurisdictions | | |
| | | |
| Bear Hill CRD | Yellow Montane Violet | |
| Little Saanich Mountain NRC | Yellow Montane Violet | |
| | | |
| Private Land | | |
| Highland Pacific Golf Course | Purple Sanicle, Deltoid Balsamroot | |
| Gordon Head Property | Howell's Tritoleia | |
| Arbutus Cove | Macoun's Meadow-foam | Small population |

https://wildlife-species.canada.ca/species-risk-registry/virtual_sara/files/plans/RS_Maritime_Meadows_CH_amend_VProposed_e.pdf

https://wildlife-species.canada.ca/species-risk-registry/virtual_sara/files/plans/Rs-Woodlands-v02-2016Nov04-Eng.pdf

https://wildlife-species.canada.ca/species-risk-registry/virtual_sara/files/plans/Rs-VernalPool-v02-2016Nov04-Eng.pdf

https://wildlife-species.canada.ca/species-risk-registry/virtual_sara/files/plans/rs_limnanthe_macoun_meadowfoam-v02-1113a_e.pdf

https://wildlife-species.canada.ca/species-risk-registry/virtual_sara/files/plans/rs_foothill_sedge-v02-0613_e.pdf - may end up being removed - now yellow listed, but CH on Mt. Tolmie

Multiple Mapped locations in Saanich - these should all be included in Saanich mapping!! There may be other species groups that could be added to this list.

| Category | Latin Name | English Name | Global Rank | Prov Rank | COSEWIC Status | BC Status | SARA Schedule | Species-level planning GOERT strategy? | In Saanich Protected areas | Private land |
|----------------|---|-------------------------|-------------|-----------|----------------|-----------|---------------|--|--|--|
| Moss | <i>Bartramia stricta</i> | rigid apple moss | G2G4 | S1 | E | Red | 1 | Yes | no | no |
| Moss | <i>Entosthodon fascicularis</i> | banded cord-moss | G4G5 | S2 | SC | Red | 1 | Yes | yes - now blue-listed | Christmas Hill, King's Pond; Observato ry Hill |
| Moss | <i>Syntrichia laevipila</i> (<i>Tortula laevipila</i> var. <i>laevipila</i> and <i>T. laevipila</i> var. <i>meridionalis</i>) | twisted oak moss | G3G5TNR | S1 | SC | Red | 1 | Yes | yes | on trees my moss friend expert thinks it might be more common than believed to date two possible locations Mt. Tolmie; Observato ry Hill |
| Vascular Plant | <i>Allium amplexens</i> | slimleaf onion | G4 | S3 | | Blue | | Yes | yes | unknown - yellow list |
| Vascular Plant | <i>Allium geyeri</i> var. <i>tenerum</i> | Geyer's onion | G4G5T3T5 | S2S3 | | Blue | | No | unknown - yellow list | |
| Vascular Plant | <i>Clarkia amoena</i> var. <i>caurina</i> | farewell-to-spring | G5T5? | S3 | | Blue | | Yes | unknown - yellow list | |
| Vascular Plant | <i>Clarkia amoena</i> var. <i>lindleyi</i> | farewell-to-spring | G5T5 | S3 | | Blue | | Yes | unknown - yellow list | |
| Vascular Plant | <i>Dryopteris arguta</i> | coastal wood fern | G5 | S2S3 | SC | Blue | 1 | Yes | no | no |
| Vascular Plant | <i>Githopsis specuarioides</i> | common bluecup | G5 | S2S3 | | Blue | | Yes | no | no |
| Vascular Plant | <i>Heterocodon rariflorum</i> | heterocodon | G5 | S3 | | Blue | | No | unknown - last seen in 1977? Yellow listed | Mt. Douglas Park |
| Vascular Plant | <i>Isoetes nuttallii</i> | Nuttall's quillwort | G4? | S3 | | Blue | | Yes | no - yellow listed now | no |
| Vascular Plant | <i>Linaria canadensis</i> var. <i>texana</i> | blue toadflax | G5T4T5 | S3 | | Blue | | No | no | no |
| Vascular Plant | <i>Lotus unifoliolatus</i> var. <i>unifoliolatus</i> - now <i>Acmispon americanus</i> var. <i>americanus</i> | Spanish-clover | G5T5 | S2S3 | | Blue | | Yes | unknown - yellow list | |
| Vascular Plant | <i>Rupertia physodes</i> | California-tea | G4 | S3 | | Blue | | No | yes - has been changed to the yellow list | update - yes - Beaver Goward Lake Road |
| Vascular Plant | <i>Sericocarpus rigidus</i> (<i>Aster curtus</i>) | white-top aster | G3 | S3 | SC | Blue | 1 | Yes | yes | Bear Hill; Observato ry Hill; Christmas Hill; Mt. Tolmie; Francis- King Park; Bouldewo od Park near Bear Hill |
| Vascular Plant | <i>Toxicodendron diversilobum</i> | poison oak | G5 | S2S3 | | Blue | | Yes | yes | unknown - yellow list |
| Vascular Plant | <i>Trifolium depauperatum</i> var. <i>depauperatum</i> | poverty clover | G5T5? | S3 | | Blue | | Yes | yes | Mt. Douglas Park; Observato ry Hill |
| Vascular Plant | <i>Trifolium dichotomum</i> | Macrae's clover | G4? | S2S3 | | Blue | | Yes | no | no |
| Vascular Plant | <i>Viola howellii</i> | Howell's violet | G4 | S2S3 | | Blue | | No | yes | Mount Douglas; Francis- King Park; Bear Hill Park |
| Vascular Plant | <i>Alopecurus carolinianus</i> | Carolina meadow-foxtail | G5 | S2 | | Red | | Yes | unknown - yellow list | |
| Vascular Plant | <i>Balsamorhiza deltoidea</i> | deltoid balsamroot | G5 | S1 | E | Red | 1 | Yes | yes | mostly extirpated except Highland Pacific Golf Course |
| Vascular Plant | <i>Bulbostylis capillaris</i> | densetuft hairsedge | G5 | S1 | | Red | | No | no - unknown status | no |
| Vascular Plant | <i>Callitriche marginata</i> | winged water-starwort | G4 | S1 | | Red | | Yes | no - yellow listed now | no |
| Vascular Plant | <i>Carex feta</i> | green-sheathed sedge | G5 | S2 | | Red | | No | unknown - yellow list | |

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| Vascular Plant | <i>Carex tumulicola</i> | foothill sedge | G4 | S2 | E | Red | | Yes | Yes - yellow listed now should be removed - still federally listed until new COSEWIC report | Playfair Park extirpated possibly Mount Douglas or nearby | Yes two known location - one in covenant; one proposed for covenant |
| Vascular Plant | <i>Castilleja levisecta</i> | golden paintbrush | G1 | S1 | E | Red | 1 | Yes | no | | no - one unknown location extirpated |
| Vascular Plant | <i>Castilleja victorae</i> | Victoria owl-clover | G1? | S1 | E | Red | | Yes | no | | no |
| Vascular Plant | <i>Centaureum muhlenbergii</i> - now <i>Zeltnera muhlenbergii</i> | Muhlenberg's centaury | G5? | S1 | E | Red | | Yes | no | | no - extirpated |
| Vascular Plant | <i>Clarkia purpurea</i> ssp. <i>quadrivulnera</i> | small-flowered godetia | G5T5 | S1 | | Red | | Yes | no | | no |
| Vascular Plant | <i>Crassula connata</i> var. <i>connata</i> | erect pygmyweed | G5TNR | S2 | | Red | | Yes | no - blue list? | | no |
| Vascular Plant | <i>Epilobium densiflorum</i> | dense spike-primrose | G5 | S1 | E | Red | 1 | Yes | yes | Swan Lake Kings Pond | no |
| Vascular Plant | <i>Epilobium torreyi</i> | brook spike-primrose | G5 | SX | XT | Red | Consider 1 | Yes | no | Thetis Lake | no |
| Vascular Plant | <i>Idahoia scapigera</i> | scalegod | G5 | S2 | | Red | | Yes | unknown - yellow list | | |
| Vascular Plant | <i>Juncus kelloggii</i> | Kellogg's rush | G3? | S1 | E | Red | 1 | Yes | no | | no |
| Vascular Plant | <i>Juncus occidentalis</i> | Western rush | G5 | S1 | | Red | | No | unknown - yellow list | | |
| Vascular Plant | <i>Lasthenia glaberrima</i> | smooth goldfields | G5 | S1 | E | Red | | Yes | no | | no |
| Vascular Plant | <i>Lepidium oxycarpum</i> | sharp-pod peppergrass | G4 | SX | | Red | | No | status unknown | | |
| Vascular Plant | <i>Limnanthes macounii</i> | Macoun's meadowfoam | G3 | S2 | T | Red | 1 | Yes | yes | Glencoe Cove Mount Douglas Park | one location at Arbutus cove - may be others? |
| Vascular Plant | <i>Lomatium dissectum</i> var. <i>dissectum</i> | fern-leaved desert-parsley | G4T4 | S1 | | Red | | Yes | Yes | | no |
| Vascular Plant | <i>Lomatium grayi</i> | Gray's desert-parsley | G5 | S1 | T | Red | | Yes | no | | no |
| Vascular Plant | <i>Lotus formosissimus</i> | seaside birds-foot lotus (seaside bird's-foot trefoil) | G4 | S1 | E | Red | 1 | Yes | no | | no |
| Vascular Plant | <i>Lotus pinnatus</i> - now <i>Hosackia pinnata</i> | bog bird's-foot trefoil | G4G5 | S1 | E | Red | 1 | Yes | no | | no |
| Vascular Plant | <i>Lupinus densiflorus</i> var. <i>densiflorus</i> - now <i>Lupinus microcarpus</i> var. <i>microcarpus</i> | dense-flowered lupine | G5T4 | S1 | E | Red | 1 | Yes | no | | no |
| Vascular Plant | <i>Lupinus lepidus</i> | prairie lupine | G5 | S1 | E | Red | 1 | Yes | no | | extirpated Observatory Hill |
| Vascular Plant | <i>Lupinus oregonus</i> var. <i>kincaidii</i> | sulphur lupine | G5T2 | SX | XT | Red | | Yes | no - status unknown | | no |
| Vascular Plant | <i>Madia minima</i> - now <i>Hemizonella minima</i> | small-headed tarweed | G4 | S1 | | Red | | No | yellow listed | | |
| Vascular Plant | <i>Marah oregonus</i> | manroot | G5 | S1 | | Red | | Yes | no | | no |
| Vascular Plant | <i>Meconella oregana</i> | white meconella | G2G3 | S1 | E | Red | 1 | Yes | yes | Observatory Hill; extirpated Mount Douglas Mt. Tolmie | no |
| Vascular Plant | <i>Microseris bigelovii</i> | coast microseris | G4 | S1 | E | Red | Consider 1 | Yes | no | | extirpated |
| Vascular Plant | <i>Minuartia pusilla</i> | dwarf sandwort | G5 | S1 | E | Red | 1 | Yes | no | | no |
| Vascular Plant | <i>Navarretia intertexta</i> | needle-leaved navarretia | G5 | S2 | | Red | | No | yes - blue-listed | Beaver Lake | no |
| Vascular Plant | <i>Orthocarpus bracteosus</i> | rosy owl-clover | G3? | S1 | E | Red | 1 | Yes | no | | possibly extirpated Mt. Douglas |
| Vascular Plant | <i>Piperia candida</i> - now <i>Platanthera ophemerantha</i> | white-lip rein orchid | G3G4 | S2 | | Red | | No | no - blue list | | no |
| Vascular Plant | <i>Plagiobothrys figuratus</i> | fragrant popcornflower | G4 | S1 | E | Red | | Yes | no | | extirpated but unknown or nearby where extirpated Mt. Douglas Mount Tolmie |
| Vascular Plant | <i>Plagiobothrys tenellus</i> | slender popcornflower | G4G5 | S2 | T | Red | | Yes | no | | no |
| Vascular Plant | <i>Psilocarphus elatior</i> | tall woolly-heads | G4Q | S1 | E | Red | 1 | Yes | yes | Christmas Hill; Mount Douglas | extirpated no |

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| Vascular Plant | <i>Psilocarphus tenellus</i> var. <i>tenellus</i> | slender woolly-heads | G4T4 | S2 | NAR | Red | | Yes | yes or no | unknown yellow listed |
| Vascular Plant | <i>Ranunculus alismifolius</i> var. <i>alismifolius</i> | water-plantain buttercup | G5T5 | S1 | E | Red | 1 | Yes | no | no |
| Vascular Plant | <i>Ranunculus californicus</i> | California buttercup | G5 | S1 | E | Red | | Yes | no | no |
| Vascular Plant | <i>Ranunculus lobbii</i> | Lobb's water-buttercup | G4 | SH | | Red | | Yes | no - historical locations | no |
| Vascular Plant | <i>Sanicula arctopoides</i> | bear's-foot sanicle (snake root sanicle) | G5 | S1 | E | Red | 1 | Yes | No | no |
| Vascular Plant | <i>Sanicula bipinnatifida</i> | purple sanicle | G5 | S2 | T | Red | 1 | Yes | Yes | Mount Douglas Park; Glencoe Cove; Rithets; Francis King Park 1 known location of one plant |
| Vascular Plant | <i>Silene scouleri</i> ssp. <i>grandis</i> | coastal Scouler's catchfly (Scouler's campion) | G5TNR | S1 | E | Red | 1 | Yes | No | no - Extirpated Ten Mile Point |
| Vascular Plant | <i>Tonella tenella</i> | small-flowered tonella | G5 | S1 | E | Red | 1 | Yes | no - blue list | no |
| Vascular Plant | <i>Trifolium cyathiferum</i> | cup clover | G4 | S1 | | Red | | No | no - yellow listed now | no |
| Vascular Plant | <i>Triphysaria versicolor</i> ssp. <i>versicolor</i> | bearded owl-clover | G5T5 | S1 | E | Red | 1 | Yes | Yes | Protected in a Covenant on one site next to Saanich Park with no protection |
| Vascular Plant | <i>Triteleia howellii</i> | Howell's triteleia | G3G4 | S1 | E | Red | 1 | Yes | yes | one location at Margaret Bay |
| Vascular Plant | <i>Uropappus lindleyi</i> | Lindley's microseris | G5 | S1 | E | Red | | Yes | no | no |
| Vascular Plant | <i>Viola praemorsa</i> ssp. <i>praemorsa</i> - now <i>Viola praemorsa</i> var. <i>praemorsa</i> | yellow montane violet | G5T3T5 | S2 | E | Red | 1 | Yes | Yes | Playfair Park; Falaise Park; Bear Hill; Obsevatoy Hill; extirpated Mt. Toimie; possibly extirpated Mt. Douglas? no |
| Vascular Plant | <i>Yabea microcarpa</i> | California hedge-parsley | G5? | S2 | | Red | | Yes | Yes | unknown - yellow list? |
| Vascular Plant | <i>Fraxinus oregana</i> - now <i>Fraxinus latifolia</i> | Oregon ash | | | | Red | | | Yes | not listed in Saanich tree bylaw even though it is the rarest tree species in the area - could encourage people to plant it Beaver Lake/Colquitz River confluence; Saanich Commonwealth Place riparian one possible location of one plant |
| | <i>Bidens amplissima</i> | Vancouver Island Beggaricks | | | SC | Blue | | | yes | Largest Population occurs in Panama Flats Park in the area that was farmed; Swan Lake, 9 locations in Saanich Playfair Park; Mount Toimie Park, Beaver Lake, UVIC grounds |
| | | graceful cinquefoil | | | | Red | | | yes | |