

<b>IMPORTANT LOCAL PLANTS FOR KNOWN SUNSHINE COAST BUTTERFLIES</b> Compiled by R. Rudland. <i>(Latin names provided for initial entry only)</i>			Peak Month(s)	Plants to be looking for on the SC to locate uncommon, rare or new species
Common Names Elevation distribution	Larval Food Plants (LFPs) - known or predicted	Nectar Sources		
<b>Most Common Species</b>				
Woodland Skipper SL --> alpine	Grasses	<i>Anaphalis margaritacea</i> - Pearly Everlasting; <i>Leucanthemum vulgare</i> - Oxeye Daisy; asters, <i>Solidago spp.</i> - Canada, West Coast Canada, Elegant Goldenrods; Garden lavenders	8 - 9	
Pale Swallowtail SL --> alpine	<i>Alnus rubra</i> - Red Alder; <i>Spiraea douglasii</i> - Hardhack; <i>Holodiscus discolor</i> - Ocean Spray; <i>Frangula purshiana</i> - Cascara	Blackberry spp.; <i>Buddleia</i> ; many flower spp.; Mud-puddler	6 - 7	<i>Prunus virginianus</i> - Chokecherry - LMLD
Western Tiger Swallowtail SL -->?mid	<i>Acer macrophyllum</i> - Big-leaf Maple; Red Alder; <i>Salix hookeriana &amp; scouleriana</i> - Coastal and Scouler's Willows.; apple spp.; birch spp.; <i>Prunus emarginata</i> - Bitter Cherry	<i>Achillea millefolium</i> - Common Yarrow; thistle spp.; <i>Buddleia</i> ; blackberry spp.; Mud-puddler	5 - 6	
Pine White SL --> mid-montane	Conifers only (leaves, buds, flowers, seeds)	Lodgepole Pine, Douglas-fir, Western White Pine, Western Hemlock; asters, other composites	8 - 9	
Cabbage White Low	Family Brassicaceae only	Many flower spp.; <i>Buddleia</i>	4 - 5 & 7 - 8	
Echo Azure SL --> alpine	Hardhack; Ocean Spray; <i>Sambucus racemosa</i> - Red-berried Elder; <i>Cornus sericea</i> - Red Osier-dogwood; <i>Vaccinium parvifolium</i> - Red Huckleberry; Bitter Cherry	Many flowering shrubs; Garden flowers	5	
Green Comma Low --> mid	Salicaceae - Willows, birches, alders; <i>Rhododendron albiflorum</i> - White-flowered Rhododendron	<i>Symphotrichum subspicatum</i> - Douglas Aster; fall flowers; berry-eater scat	4 - 5	
Zephyr Comma Low --> >1000m	Red Huckleberry	<i>Rhododendron albiflorum</i> - White-flowered Rhododendron; <i>Rhododendron menziesii</i> - Mock Azalea	5, 8	
Painted Lady Note: may be scarce or absent in some years SL --> alpine	Migratory infill - no SC overwintering known; <i>Gnaphalium uliginosum</i> - Marsh Cudweed; <i>Arctium spp.</i> - Burdocks; <i>Urtica dioica</i> - Stinging Nettle; Bull & Canada Thistles	<i>Buddleia</i> ; many composites and others; Oregon Grape spp.; Dandelion	5 - 9	
Mylitta Crescent SL --> mid-montane	<i>Cirsium spp.</i> - Bull, Canada & Edible Thistles	Many flower spp.	5, 7 - 8	
Mourning Cloak SL --> mid-elevation	<i>Populus trichocarpa</i> - Black Cottonwood; Hardhack, roses, apples, alders, willow spp.	<i>Ribes sanguineum</i> - Red-flowering Currant; also asters; fruit and flowing sap	4, 9	
Lorquin's Admiral SL --> mid-elevation	Willow spp.; Bitter Cherry; apples	Many flowers, <i>Buddleia</i> ; mud-puddler	7 - 8	
Common Woodnymph SL --> mid-elevation	Grasses, sedges	Many flower spp.; willow and alder sap	7 - 8	

**Moderately Common Species**

Two-banded Checkered Skipper SL--> sub-alpine	<i>Fragaria spp.</i> - Woodland, Virginia & Beach Strawberry	Same + Dandelions; early flowers <i>Potentilla spp.</i> - cinquefoils; <i>Sidalcea spp.</i> - checker-mallows;	5	
Dreamy Duskywing SL--> mid-elevation	Willow spp; Red Alder; maybe birches	Composites, clovers; other floweres	6	
Clodius Apollo SL--> alpine	<i>Dicentra formosa</i> - Pacific Bleeding Heart	Himalayan Blackberry; Pearly Everlasting; asters	7	
Margined White boreal	<i>Arabis spp.</i> - rockcross; <i>Cardamine spp.</i> - bittercross	Same + cultivated Brassicas	6 - 8	
Mariposa Copper ( Reakirt's) SL--> alpine	<i>Vaccinium oxycoccus</i> - Bog Cranberry; <i>Vaccinium uliginosum</i> - Bog Bilberry	Pearly Everlasting, Yarrow, Oxeye Daisy, <i>Sedum spp.</i> - Oregon, Biting, & White Stonecrops; Hardhack; <i>Sanguisorba officinalis</i> - Great Burnett; <i>Gentiana douglasiana</i> - Swamp Gentian.	7 - 8	
Brown Elfin low--> ?sub-alpine	<i>Gaultheria shallon</i> - Salal; <i>Arbutus menziesii</i> - Arbutus; <i>Arctostaphylos columbiana</i> - Columbia Manzanita; <i>A. uva-ursi</i> - Kinnikinnick; other rhodos, azaleas, <i>Vaccinium parvifolium</i> - Red Huckleberry; <i>Amelanchier alnifolia</i> - Saskatoon; <i>Rhododendron groenlandicum</i> - Bog Labrador Tea; <i>Berberis spp.</i> - Oregon Grape	Same + clovers; Strawberry spp. Bitter Cherry	5 - 6	<i>Prunus virginianus</i> - Chokecherry - LMLD
Cedar (Juniper) Hairstreak SL--> alpine (cedars/junipers)	<i>Thuja plicata</i> - Western Redcedar	<i>Aruncus dioicus</i> - Goatsbeard; Oregon Grape spp wild strawberries; Clovers; daisies; Goldenrods; <i>Acer circinatum</i> - Vine Maple;	5	
Gray Hairstreak SL--> sub-alpine	Legumes - esp. peas	White clover, goldenrods, mints, alfalfa	5, 7	
Hydaspe Fritillary 1000m --> alpine	<i>Viola sempervirens</i> - Redwood Violet; <i>Viola glabella</i> - Stream Violet	Pearly Everlasting; thistles; <i>Monarda spp.</i> - beebalms; other composites. Mud-puddler (males)	8 - 9	

**Uncommon Species**

Anise Swallowtail SL--> alpine	<i>Lomatium nudicale</i> - Barestem Biscuitroot; <i>Lomatium utriculatum</i> - Spring Gold	Parsley family - exotic (i.e. parsley, dill, carrots) & native (i.e. <i>Angelica lucida</i> - Sea-watch, <i>Heracleum maximum</i> - Cow Parsnip)	7 - 8	
Flora's Orangetip lower	<i>Arabis spp.</i> - rockcross (leaves, flowers, fruits)	Various flowers; Salal	4	<i>Arabis eschscholtziana</i> (Eschscholtz's Hairy Rockcross - Port Mellon/Dakota Crk - mid-elevation); <i>Arabis (Turritus) glabra</i> - Tower Mustard - LMLD, Vanc. Is.)
Clouded Sulphur SL--> ?alpine	Likely arrive in imported hay, no known overwintering. Only Fabaceae - Introduced clovers and alfalfas; <i>Vicia</i> - vetches; <i>Lupinus</i> - lupines;	Fabaceae; many flowers, incl. asters; Saskatoon	5 - 6, 8	
Western Pine Elfin low-->mid	Lodgepole Pine only	Strawberry spp.; Hardhack; willow catkins	5	
Satyr Comma	<i>Urtica dioica</i> - Stinging Nettle	Same + willow sap; lilacs, other flowers; soft fruit	4, 9	
Compton Tortoiseshell Low --> mid?	Birches, willows	Rotting fruit and flowing sap	4, 8	
California Tortoiseshell SL--> mid-elevation	Migratory inflow, no overwintering. <i>Ceanothus spp.</i>	Fir needle exudate (spring); fruit & fir sap (fall); Broad-leaf Maple flowers,	4, 8	<i>Ceanothus sanguineus</i> - Redstem Ceanothus - LFP - Ruby Lake roadsides??

Milbert's Toroishell SL--> alpine	Stinging Nettle	<i>Petasites frigidus</i> - Western Sweet Coltsfoot; Dandelions; Douglas' Aster; mountain daisies; flowing sap	4-6, 7-8	<i>Cardamine spp.</i> - bittercresses
Red Admiral SL--> mid-elevation	Stinging Nettle	Composite flowers; willow sap; <i>Chamaenerion angustifolium</i> - Fireweed	7, 9	
Pacific Fritillary SL--> sub-alpine	Redwood Violet; Stream Violet	Strawberry spp.; <i>Potentilla spp.</i> - Cinquefoils; Pearly Everlasting	5 - 8	
<b>Rare Species - 1-3 sightings only</b>				
Western White (1) SL--> ??	Family Brassicaceae only	many flower spp.	?	<i>Lepidium virginicum</i> (Virginia Pepperweed - Lasqueti Is., LMLD); <i>Thlaspi arvense</i> ( Field Pennycress - Lasqueti Is., LMLD)
West Coast Lady (1) SL--> ??	Note: unlikely to breed on SC. (Elsewhere - Stinging Nettle; <i>Malva spp.</i> - Mallows)	Douglas Aster, Gumweed, Goldenrod, <i>Vinca major</i> - Greater Periwinkle; Mints; <i>Cardamine</i> - bittercress spp.	?	<i>Sidalcea hendersonii</i> - Henderson's Checker-mallow - LMLD, Squamish. <i>Cardamine hirsuta</i> - Hairy Bittercress - LMLD, Vanc. Isl., Lund
Purplish Copper (2) SL-->?	<i>Potentilla pacifica</i> - Pacific Silverweed; <i>Rumex acetosella</i> - Sheep's Sorrel;	Canada Thistle, knotweeds; <i>Grindelia spp</i> - gumweeds; White Clover, White Heather , Douglas Aster <i>Lotus corniculatus</i> - Birds-foot Trefoil, <i>Jacobaea vulgaris</i> - Tansy Ragwort	5, 9	<i>Rumex obtusifolius</i> - Broad-leaved Dock - West Van - ? Madeira Park;
Johnson's Hairstreak (1) ?Low - mid; forested	<i>Archeuthobium campylopodum</i> - only Western Dwarf Mistletoe on Western Hemlock	flowers near hemlock stands with LFP	?6	
Western Tailed Blue (1) SL--> alpine	?	? ; mud-puddler		<i>Lathyrus nevadensis</i> - Sierra Nevada Peavine - Vanc. Isl. & Lions Bay. <i>Astragalus spp</i> - milkvetches - ?introduced spp?
Silvery Blue (1) SL--> ??	Lupines	Lupines; alpine meadow flowers	8	
Field Crescent (1) SL--> alpine	Asters	Asters; Pearly Everlasting	6 - 7	
Oregon Branded Skipper (2) SL - 1000m; >1700m	<i>Festuca Idahoensis</i> - Idaho Fescue; <i>Lolium spp.</i> - Ryegrass spp.	?Common Yarrow, Pearly Everlasting; other flowers	7	
Greater Arctic (2) Low --> ? - hilltops	Grasses - ? Type	?Mosses?	6 - 7	
<b>Possible Next New SC Species</b>				
Silver-spotted Skipper SL--> ?	<i>Robinia pseudoacacia</i> - Black Locust (intr.)		7	
Arctic Skipper SL - alpine	Grasses - ? Type	Composites; <i>Geum macrophyllum</i> - Large-leaved Avens	5 - 6	
Oreas Comma Low --> sub-alpine	<i>Ribes</i> - currant spp.	Pearly Everlasting	? 5, 8 - 9	
Vidler's Alpine Sub-alpine --> alpine	?Grasses, sedges		6 - 7	
European Skipper Low --> ?	Grasses - ? Type	Vetches, clovers, composites	7	
Mountain Apollo Mid --> alpine	<i>Sedum spp</i>		6 - 8	