

| <b>IMPORTANT LOCAL PLANTS FOR KNOWN SUNSHINE COAST BUTTERFLIES</b> Compiled by R. Rudland.<br><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 |
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| Common Names<br>Elevation distribution                                                                                                             | Larval Food Plants (LFPs) - known or predicted                                                                                                                                                                                               | Nectar Sources                                                                                                                                                                                                                                                                                      |                   |                                         |                                                                            |
| <b>Most Common Species</b>                                                                                                                         |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                     |                   |                                         |                                                                            |
| <b>Woodland Skipper</b><br>SL --> alpine                                                                                                           | Grasses                                                                                                                                                                                                                                      | <i>Anaphalis margaritacea</i> - Pearly Everlasting;<br><i>Leucanthemum vulgare</i> - Oxeye Daisy; asters,<br><i>Solidago spp.</i> - Canada, West Coast Canada, Elegant<br>Goldenrods; Garden lavenders; Mints; fireweeds,<br>thistles; thyme, lavender; gumweed, selfheal, wild<br>sweet pea, tansy | 8 - 9             |                                         |                                                                            |
| <b>Pale Swallowtail</b><br>SL --> alpine                                                                                                           | <i>Alnus rubra</i> - Red Alder;<br><i>Spiraea douglasii</i> - Hardhack;<br><i>Holodiscus discolor</i> - Ocean Spray;<br><i>Frangula purshiana</i> - Cascara<br><i>Amelanchier alnifolia</i> - Saskatoon<br><i>emarginata</i> - Bitter Cherry | <i>Prunus</i><br>Blackberry spp.;<br><i>Buddleia</i> ; many flower spp.;<br>Mud-puddler                                                                                                                                                                                                             | 6 - 7             | <i>Prunus virginianus</i> - Chokecherry |                                                                            |
| <b>Western Tiger Swallowtail</b><br>SL -->?mid                                                                                                     | <i>Acer macrophyllum</i> - Big-leaf Maple; Red Alder;<br><i>Salix hookeriana &amp; scouleriana</i> - Coastal and Scouler's<br>Willows;<br>spp.; birch spp.; Bitter Cherry.<br><i>trichocarpa</i> - Black Cottonwood;                         | <i>Populus</i><br><i>Achillea millefolium</i> - Common Yarrow;    thistle<br>spp.;<br><i>Buddleia</i> ;<br>blackberry spp.;<br>Mud-puddler                                                                                                                                                          | 5 - 6             |                                         |                                                                            |
| <b>Pine White</b><br>SL --> mid-montane                                                                                                            | Conifers only (leaves, buds, flowers, seeds)                                                                                                                                                                                                 | Lodgepole Pine, Douglas-fir, Western White Pine,<br>Western Hemlock; asters, other composites                                                                                                                                                                                                       | 8 - 9             |                                         |                                                                            |
| <b>Cabbage White</b><br>Low elv'n                                                                                                                  | Family Brassicaceae only                                                                                                                                                                                                                     | Many flower spp.;<br><i>Buddleia</i>                                                                                                                                                                                                                                                                | 4 - 5<br>& 7<br>8 |                                         |                                                                            |
| <b>Echo Azure</b><br>SL --> alpine                                                                                                                 | Hardhack; Ocean Spray;<br><i>Sambucus racemosa</i> - Red-berried Elder;<br><i>Cornus sericea</i> - Red Osier-dogwood;<br><i>Vaccinium parvifolium</i> - Red Huckleberry;<br>Bitter Cherry                                                    | Many flowering shrubs;<br>Garden flowers                                                                                                                                                                                                                                                            | 5                 |                                         |                                                                            |
| <b>Green Comma</b><br>Low --> mid                                                                                                                  | Salicaceae - Willows, birches, alders;<br><i>Rhododendron albiflorum</i> - White-flowered<br>Rhododendron                                                                                                                                    | <i>Symphotrichum subspicatum</i> - Douglas Aster;<br>fall flowers; berry-eater scat                                                                                                                                                                                                                 | 4 - 5             |                                         |                                                                            |

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| <b>Zephyr Comma</b><br>Low --> >1000m                                                  | <i>Ribes sanguineum</i> - Red-flowering Currant;<br>White-flowered Rhododendron;<br>Red Huckleberry                                                                                                                                                                                                                                                  | White-<br>White-flowered Rhododendron;<br><i>Rhododendron menziesii</i> - Mock Azalea                                                                                                                               | 5, 8        |                                         |
| <b>Painted Lady</b><br>Note: may be scarce<br>or absent in some years<br>SL --> alpine | Migratory infill - no SC overwintering known;<br><i>Gnaphalium uliginosum</i> - Marsh Cudweed;<br><i>Arctium spp.</i> - Burdocks;<br><i>Urtica dioica</i> - Stinging Nettle;<br>Bull & Canada Thistles                                                                                                                                               | <i>Buddleia</i> ;<br>Dandelion, many composites and others;<br>Oregon Grape spp.                                                                                                                                    | 5 - 9       |                                         |
| <b>Mylytta Crescent</b><br>SL --> mid-montane                                          | <i>Cirsium spp</i> - Bull, Canada & Edible Thistles                                                                                                                                                                                                                                                                                                  | <i>Buddleia</i> ; thistles, goldenrod, tansy ragwort, oxeye<br>daisy.<br>Pearly<br>everlasting, red clover                                                                                                          | 5,<br>7 - 8 |                                         |
| <b>Mourning Cloak</b><br>SL --> mid-elevation                                          | <i>Populus trichocarpa</i> - Black Cottonwood; Hardhack,<br>roses, apples, alders, willow spp.                                                                                                                                                                                                                                                       | Red-flowering Currant;<br>also asters;<br>and flowing sap                                                                                                                                                           | fruit 4, 9  |                                         |
| <b>Lorquin's Admiral</b><br>SL --> mid-elevation                                       | Willow spp.; Bitter Cherry; apples                                                                                                                                                                                                                                                                                                                   | Many flowers, <i>Buddleia</i> ; mud-puddler                                                                                                                                                                         | 7 - 8       |                                         |
| <b>Common Woodnymph</b><br>SL --> mid-elevation                                        | Grasses, sedges                                                                                                                                                                                                                                                                                                                                      | Many flower spp.; willow and alder sap; thistles                                                                                                                                                                    | 7 - 8       |                                         |
| <b>Moderately Common Species</b>                                                       |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                     |             |                                         |
| <b>Two-banded Checkered Skipper</b><br>SL --> sub-alpine                               | <i>Fragaria spp</i> - Woodland, Virginia & Beach Strawberry;<br>possibly <i>Potentilla spp.</i> ;<br><i>Sidalcea spp.</i> - checker-mallows;                                                                                                                                                                                                         | Same + Dandelions; early flowers                                                                                                                                                                                    | 5           |                                         |
| <b>Dreamy Duskywing</b><br>SL --> mid-elevation                                        | Willow spp; Red Alder; maybe birches                                                                                                                                                                                                                                                                                                                 | Composites, clovers; other flowers                                                                                                                                                                                  | 6           |                                         |
| <b>Clodius Apollo</b><br>SL --> alpine                                                 | <i>Dicentra formosa</i> - Pacific Bleeding Heart                                                                                                                                                                                                                                                                                                     | Himalayan Blackberry; Pearly Everlasting; asters                                                                                                                                                                    | 7           |                                         |
| <b>Margined White</b><br>Boreal                                                        | <i>Arabis spp.</i> - rockcress;<br><i>Cardamine spp.</i> - bittercress                                                                                                                                                                                                                                                                               | Same + cultivated Brassicas                                                                                                                                                                                         | 6 - 8       |                                         |
| <b>Mariposa Copper.<br/>( Reakirt's)</b><br>SL --> alpine                              | <i>Vaccinium oxycoccus</i> - Bog Cranberry;<br><i>Vaccinium uliginosum</i> - Bog Bilberry                                                                                                                                                                                                                                                            | Pearly Everlasting, Yarrow, Oxeye Daisy,<br><i>Sedum spp.</i> - Oregon, Biting, & White Stonecrops;<br>Hardhack;<br><i>Sanguisorba officinalis</i> - Great Burnett;<br><i>Gentiana douglasiana</i> - Swamp Gentian. | 7 - 8       |                                         |
| <b>Brown Elfin</b><br>low --> ?sub-alpine                                              | <i>Gaultheria shallon</i> - Salal;<br><i>menziesii</i> - Arbutus;<br><i>columbiana</i> - Columbia Manzanita;<br>Kinnikinnick; other rhodos, azaleas,<br><i>Vaccinium parvifolium</i> - Red Huckleberry;<br><i>Amelanchier alnifolia</i> - Saskatoon;<br><i>Rhododendron groenlandicum</i> - Bog Labrador Tea;<br><i>Berberis spp.</i> - Oregon Grape | <i>Arbutus</i><br><i>Arctostaphylos</i><br><i>A. uva-ursi</i> -<br>Same + clovers;<br>Strawberry spp.<br>Bitter Cherry                                                                                              | 5 - 6       | <i>Prunus virginianus</i> - Chokecherry |

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| <b>Cedar (Juniper)</b><br>Hairstreak<br>SL --> alpine<br>(cedars/junipers) | <i>Thuja plicata</i> - Western Redcedar                                                                                                                         | <i>Aruncus dioicus</i> - Goatsbeard; Oregon Grape spp.<br>Wild strawberries; Clovers; daisies; Goldenrods;                                                                                        | 5           | <i>Acer circinatum</i> - Vine Maple - rare if any on the SC                                                                                                |
| <b>Gray Hairstreak</b><br>SL --> sub-alpine                                | Legumes - esp. peas                                                                                                                                             | White clover, goldenrods, mints, alfalfa                                                                                                                                                          | 5, 7        |                                                                                                                                                            |
| <b>Hydaspe Fritillary</b><br>1000m --> alpine                              | <i>Viola sempervirens</i> - Redwood Violet;<br><i>Viola glabella</i> - Stream Violet                                                                            | Pearly Everlasting; thistles;<br><i>Monarda spp.</i> - beebalms; other composites.<br>Mud-puddler (males)                                                                                         | 8 - 9       |                                                                                                                                                            |
| <b>Uncommon Species</b>                                                    |                                                                                                                                                                 |                                                                                                                                                                                                   |             |                                                                                                                                                            |
| <b>Anise Swallowtail</b><br>SL --> alpine                                  | <i>Lomatium nudicale</i> - Barestem Biscuitroot;<br><i>Lomatium utriculatum</i> - Spring Gold.<br><i>Angelica lucida</i> - Sea-watch                            | Parsley family - exotic (i.e. parsley, dill, carrots)<br><i>Heracleum maximum</i> - Cow Parsnip; lupine; seaside pea; camas, azalea, coltsfoot, gumweed, yarrow, thistles, manzanita, penstemmons | 7 - 8       |                                                                                                                                                            |
| <b>Sara Orangetip</b><br>Lower elev'n                                      | <i>Arabis</i> spp. - rockcress (leaves, flowers, fruits)                                                                                                        | Various flowers; Salal                                                                                                                                                                            | 4           | <i>Arabis eschscholtziana</i> (Eschscholtz's Hairy Rockcress - Port Mellon/Dakota Crk - mid-elevation);<br><i>Arabis (Turritus) glabra</i> - Tower Mustard |
| <b>Clouded Sulphur</b><br>SL --> ?alpine                                   | Likely arrive in imported hay, no known overwintering.<br>Only Fabaceae - Introduced clovers and alfalfas;<br><i>Vicia</i> - vetches; <i>Lupinus</i> - lupines; | Fabaceae; many flowers, incl. asters;<br>Saskatoon                                                                                                                                                | 5 - 6,<br>8 |                                                                                                                                                            |
| <b>Western Pine Elfin</b><br>low-->mid                                     | Lodgepole Pine only                                                                                                                                             | Strawberry spp.; Hardhack; willow catkins                                                                                                                                                         | 5           |                                                                                                                                                            |
| <b>Satyr Comma.</b><br>Low --> mid?                                        | <i>Urtica dioica</i> - Stinging Nettle                                                                                                                          | Same + willow sap; lilacs, other flowers; soft fruit                                                                                                                                              | 4, 9        |                                                                                                                                                            |
| <b>Compton Tortoiseshell</b><br>Low --> mid?                               | Birches, willows                                                                                                                                                | Rotting fruit and flowing sap                                                                                                                                                                     | 4, 8        |                                                                                                                                                            |
| <b>California Tortoiseshell</b><br>SL --> mid-elevation                    | Migratory inflow, no overwintering.<br><i>Ceanothus spp.</i>                                                                                                    | Fir needle exudate (spring); fruit & fir sap (fall);<br>Broad-leaf Maple flowers,                                                                                                                 | 4, 8        | <i>Ceanothus sanguineus</i> - Redstem Ceanothus - LFP - Ruby Lake roadsides??                                                                              |
| <b>Milbert's Toroiseshell</b><br>SL --> alpine                             | Stinging Nettle                                                                                                                                                 | <i>Petasites frigidus</i> - Western Sweet Coltsfoot;<br>Dandelions; Douglas' Aster; mountain daisies;<br>flowing sap                                                                              | 4-6,<br>7-8 | <i>Cardamine spp.</i> - bittercresses                                                                                                                      |
| <b>Red Admiral</b><br>SL --> mid-elevation                                 | Stinging Nettle                                                                                                                                                 | Composite flowers; willow sap;<br><i>Chamaenerion angustifolium</i> - Fireweed                                                                                                                    | 7, 9        |                                                                                                                                                            |
| <b>Pacific Fritillary</b><br>SL --> sub-alpine                             | Redwood Violet; Stream Violet                                                                                                                                   | Strawberry spp.; <i>Potentilla spp.</i> - Cinquefoils;<br>Pearly Everlasting                                                                                                                      | 5 - 8       |                                                                                                                                                            |
| <b>Rare Species - 1-3 sightings only</b>                                   |                                                                                                                                                                 |                                                                                                                                                                                                   |             |                                                                                                                                                            |
| <b>Western White (1)</b><br>SL --> ??                                      | Family Brassicaceae only                                                                                                                                        | many flower spp.                                                                                                                                                                                  | ?           | <i>Lepidium virginicum</i> (Virginia Pepperweed - Lasqueti Is.);<br><i>Thlaspi arvense</i> (Field Pennycress - Lasqueti Is.)                               |

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| <b>West Coast Lady</b> (1)<br>SL --> ??                    | Note: unlikely to breed on SC.<br>(Elsewhere - Stinging Nettle;<br><i>Malva</i> spp. - Mallows)                                          | Douglas Aster, Gumweed, Goldenrod,<br><i>Vinca major</i> - Greater Periwinkle; Mints;<br><i>Cardamine</i> - bittercress spp.                                                     | ?           | <i>Sidalcea hendersonii</i> - Henderson's Checker-mallow - LMLD, Squamish.<br><i>Cardamine hirsuta</i> - Hairy Bittercress              |
| <b>Purplish Copper</b> (2)<br>SL -->?                      | <i>Potentilla pacifica</i> - Pacific Silverweed;<br><i>Rumex acetosella</i> - Sheep's Sorrel;<br><i>obtusifolius</i> - Broad-leaved Dock | <i>Rumex</i><br>Canada Thistle, knotweeds;<br><i>Grindelia</i> spp - gumweeds;<br>White Clover, White Heather , Douglas Aster<br><i>Lotus corniculatus</i> - Birds-foot Trefoil. | 5, 9        |                                                                                                                                         |
| <b>Johnson's Hairstreak</b> (1)<br>?Low - mid ; forested   | <i>Archeuthobium campylopodum</i> - only Western Dwarf<br>Mistletoe on Western Hemlock                                                   | flowers near hemlock stands with LFP                                                                                                                                             | ?6          |                                                                                                                                         |
| <b>Western Tailed Blue</b> (3)<br>SL --> alpine            | ?legume spp - vetches, peavines                                                                                                          | ? Plant sp:<br>mud-puddler                                                                                                                                                       |             | <i>Lathyrus nevadensis</i> - Sierra Nevada Peavine<br>Vanc. Isl. & Lions Bay.<br><i>Astragalus</i> spp - milkvetches - ?introduced spp? |
| <b>Silvery Blue</b> (1)<br>SL --> ??                       | Lupines                                                                                                                                  | Lupines; alpine meadow flowers                                                                                                                                                   | 8           |                                                                                                                                         |
| <b>Field Crescent</b> (1)<br>SL --> alpine                 | Asters                                                                                                                                   | Asters; Pearly Everlasting                                                                                                                                                       | 6 - 7       |                                                                                                                                         |
| <b>Oregon Branded Skipper</b> (2)<br>SL -<br>1000m; >1700m | <i>Festuca Idahoensis</i> - Idaho Fescue;<br><i>Lolium</i> spp. - Ryegrass spp.                                                          | ?Common Yarrow, Pearly Everlasting; other flowers                                                                                                                                | 7           |                                                                                                                                         |
| <b>Greater Arctic</b> (2)<br>Low --> ? - hilltops          | Grasses - ? Type                                                                                                                         | ?Mosses?                                                                                                                                                                         | 6 - 7       |                                                                                                                                         |
| <b>Possible Next New SC Species</b>                        |                                                                                                                                          |                                                                                                                                                                                  |             |                                                                                                                                         |
| <b>Silver-spotted Skipper</b><br>SL --> ?                  | <i>Robinia pseudoacacia</i> - Black Locust (intr.)                                                                                       |                                                                                                                                                                                  | 7           |                                                                                                                                         |
| <b>Arctic Skipper</b><br>SL - alpine                       | Grasses - ? Type                                                                                                                         | Composites;<br><i>Geum macrophyllum</i> - Large-leaved Avens                                                                                                                     | 5 - 6       |                                                                                                                                         |
| <b>Oreas Comma</b><br>Low --> sub-alpine                   | <i>Ribes</i> - currant spp.                                                                                                              | Pearly Everlasting                                                                                                                                                               | ? 5, 8<br>9 |                                                                                                                                         |
| <b>Vidler's Alpine</b><br>Sub-alpine --> alpine            | ?Grasses, sedges                                                                                                                         |                                                                                                                                                                                  | 6 - 7       |                                                                                                                                         |
| <b>European Skipper</b><br>Low --> ?                       | Grasses - ? Type                                                                                                                         | Vetches, clovers, composites                                                                                                                                                     | 7           |                                                                                                                                         |
| <b>Mountain Apollo</b><br>Mid --> alpine                   | <i>Sedum</i> spp                                                                                                                         |                                                                                                                                                                                  | 6 - 8       |                                                                                                                                         |