

## Host plants of Palouse butterfly species

Scientific name	Common name	Host plants	Dates	No. broods	Diapause form
<b>Hesperioidea (skippers)</b>					
<i>Carterocephalus palaemon</i>	arctic skipper	grasses: <i>Calamagrostis</i> , <i>Bromus</i> , others	May-July	1	larva
<i>Erynnis persius</i>	persius duskywing	Fabaceae, <i>Lupinus</i> most likely; <i>Salix</i> , <i>Populus</i>	May-June	1	larva
<i>Hesperia juba</i>	juba skipper	bunchgrasses, <i>Poa</i>	May, Sept	1	adult
<i>Oarisma garita</i>	garita skipper	grasses: <i>Poa</i> , <i>Stipa</i> , others	June-July	1	larva
<b>Papilionidea (swallowtails)</b>					
<i>Papilio eurymedon</i>	pale swallowtail	<i>Ceanothus</i> , <i>Holodiscus discolor</i> , <i>Betula</i> , <i>Prunus</i> , <i>Almelanchier alnifolia</i> , apple	May-July	1 or 2	pupa
<i>Papilo indra</i>	indra swallowtail	<i>Lomatium</i> , other Apiaceae	June-July	1	pupa
<i>Papilio rutulus</i>	western tiger swallowtail	<i>Salix</i> , <i>Populus</i> , <i>Alnus</i> , <i>Malus</i> , <i>Betula</i> , <i>Prunus</i>	May-July	1 or 2	pupa
<i>Papilio zelicaon</i>	anise swallowtail	Apiaceae (70% within <i>Lomatium</i> , <i>Angelica</i> , <i>Foeniculum</i> , <i>Heracleum</i> )	May-July	1	pupa
<b>Pieridae (whites, sulfurs)</b>					
<i>Anthocharis stella</i>	Stella's orangetip	<i>Arabis</i> (rockcress)	April-June	1	not reported
<i>Pieris rapae</i>	cabbage white	Brassicaceae/ Cruciferae (mustards)	May-Aug	3 or 4	not reported
<i>Pontia beckerii</i>	Becker's white	Brassicaceae/ Cruciferae (mustards)	May-Aug	2	pupa
<i>Pontia occidentalis</i>	western white	Brassicaceae/ Cruciferae (mustards)	May-Aug	1 to 3	not reported
<i>Euchloe ausonides</i>	large marble	Brassicaceae/ Cruciferae (mustards)	May-June	1	pupa
<i>Colias eurytheme</i>	orange sulfur	alfalfa preferred; also <i>Trifolium</i> , <i>Astragalus</i> , <i>Melilotus</i> , <i>Vicia</i> , <i>Thermopsis</i>	May-Oct	2 or 3	larva
<i>Colias philodice</i>	clouded sulfur	Legumes: <i>Hedysarum</i> , <i>Lathyrus</i> , <i>Vicia</i> , <i>Trifolium</i> , <i>Astragalus</i> , <i>Medicago</i>	May-Oct	2 or 3	larva
<b>Lycaenidae (gossamer wings)</b>					
<i>Celastrina echo</i>	spring azure	<i>Ceanothus</i> , <i>Holodiscus</i> , <i>Spiraea</i> , others	April-June	2	not reported
<i>Celastrina ladon</i>	boreal spring azure	<i>Vaccinium</i> , <i>Viburnum</i> , other shrubs	April-June	1	not reported
<i>Euphilotes battoides</i>	square-spotted blue	<i>Eriogonum</i> (buckwheat)	May-June	1	pupa
<i>Everes amyntula</i>	western tailed blue	Legumes: <i>Vicia</i> , <i>Lathyrus</i> , <i>Astragalus</i>	April-June	1	larva
<i>Everes comyntas</i>	eastern tailed blue	<i>Trifolium</i> and other legumes	June-July	1	larva
<i>Glaucopsyche lygdamus</i>	silvery blue	<i>Lupinus</i> , <i>Vicia</i> , <i>Medicago</i> , <i>Oxytropis</i> , <i>Lotus</i> , <i>Lathyrus</i> , <i>Astragalus</i>	April-June	1	pupa
<i>Glaucopsyche piasis</i>	arrowhead blue	<i>Lupinus</i> , <i>Astragalus</i>	May-June	1	pupa
<i>Icaricia acmon</i>	acmon blue	<i>Eriogonum</i> , <i>Lotus</i> , <i>Lupinus</i> , <i>Melilotis</i>	May-June	1	larva
<i>Icaricia icarioides</i> ssp. <i>pembina</i>	Boisduval's blue	<i>Lupinus</i>	May-July	1	larva or pupa

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<i>Plebius saepiolus</i>	greenish blue	<i>Trifolium</i> (clover)	May-July	1	larva
<i>Lycaena editha</i>	Edith's copper	<i>Rumex</i> (sorrel)	July	1	not reported
<b>Lycaenidae (gossamer wings)</b>					
<i>Lycaena helloides</i>	purplish copper	<i>Rumex</i> (sorrel), <i>Polygonum</i> (knotweed)	May-Sept	2	egg
<i>Incisalia eryphon</i>	western pine elfin	<i>Pinus</i> ( <i>contorta</i> , <i>ponderosa</i> , <i>monticola</i> )	April-June	1	pupa
<i>Incisalia iriodes</i>	western or brown elfin	<i>Arctostaphylos uva-ursi</i> , <i>Gaultheria shallon</i> , <i>Arbustus</i> , <i>Holodiscus</i> , <i>Ceanothus</i> , others	April-June	1	pupa
<i>Incisalia polia</i>	hoary elfin	<i>Arctostaphylos uva-ursi</i>	April-June	1	pupa
<i>Callophrys sheridanii</i>	Sheridan's green hairstreak	<i>Eriogonum</i> (buckwheat)	April-May	1	pupa
<i>Satyrium sylvinum</i>	sylvan hairstreak	<i>Salix</i>	June-Aug	1	egg
<i>Satyrium titus</i>	coral hairstreak	<i>Prunus</i> (cherry)	June-Aug	1	egg
<i>Strymon melinus</i>	grey hairstreak	legumes, <i>Fragaria</i> , <i>Anaphalis</i>	May-Aug	2	pupa
<b>Nymphalidae (brushfoots)</b>					
<i>Cercyonis pegala</i>	common wood nymph	grasses, probably also sedges	July-Aug	1	larva
<i>Coenonympha californica</i>	common ringlet	native and naturalized grasses	May-Aug	2	larva
<i>Aglais milberti</i>	Milbert's tortoiseshell	<i>Urtica dioica</i> (stinging nettle)	June-Aug	1	adult
<i>Nymphalis antiopa</i>	mourning cloak	<i>Salix</i> , <i>Populus</i> , other hardwoods	April-Sept	1	adult
<i>Nymphalis californica</i>	California tortoiseshell	<i>Ceanothus sanguineus</i>	April, Aug	1	adult
<i>Polygonia faunus</i>	zephyr angelwing	Salicaceae: <i>Betula</i> , <i>Alnus</i> , <i>Salix</i>	April-Aug	1	adult
<i>Polygonia satyrus</i>	Satyr angelwing	<i>Urtica dioica</i> (stinging nettle), hops	April-Sept	1 or 2	adult
<i>Polygonia zephyrus</i>	green comma	<i>Ribes</i>	April-Aug	1	adult
<i>Phyciodes mylitta</i>	Mylitta crescent	<i>Cirsium</i> (thistle)	May-Aug	2	larva
<i>Phyciodes tharos</i> ssp. <i>pascoensis</i>	pearl crescent	<i>Aster</i>	June-July	1 or 2	larva
<i>Charidryas palla</i>	northern checkerspot	<i>Aster</i> , <i>Crysothamnus</i>	June-July	1 or 2 not reported	not reported
<i>Euphydryas chalcedona</i>	Chalcedon checkerspot	<i>Penstemon</i> ; also <i>Verbascum</i> , <i>Symphoricarpos</i>	July-Aug	reported	larva
<i>Clossiana epithore</i>	western meadow fritillary	<i>Viola</i> (but not <i>Viola canadensis</i> )	May-July	1	larva
<i>Speyeria cybele</i> ssp. <i>leto</i>	zerene fritillary	<i>Viola</i>	June-Aug	1	larva
<i>Speyeria hydasphe</i>	great spangled fritillary	<i>Viola</i>	July	not reported	larva
<i>Speyeria zerene</i> ssp. <i>garretti</i>	Hydaspe fritillary	<i>Viola</i>	June-Aug	reported	larva
<i>Danaus plexippus</i>	monarch	<i>Asclepias speciosa</i> (showy milkweed)	June-Aug	2 or 3	
<i>Limentis lorquini</i>	Lorquin's admiral	<i>Salix</i> ; also <i>Populus</i> , <i>Malus</i> , <i>Prunus</i> , <i>Crataegus</i> , other hardwoods	June-Aug	1 or 2	larva

<i>Vanessa atalanta</i>	red admiral	<i>Urtica dioica</i> (stinging nettle), hops	May-Sept	2	pupa, adult do not overwinter
<i>Vanessa cardui</i>	painted lady	Compositaceae (usually Canadian, bull thistle)	May-Sept	1	

This information was compiled by Amy Pocewicz (April 2005) and is based on the following references:

Crispin S. Guppy & Jon H. Shepard, 2001. *Butterflies of British Columbia*. University of British Columbia Press.

Robert Michael Pyle, 2002. *The Butterflies of Cascadia: A field guide to all the species of Washington, Oregon, and surrounding territories*. Seattle Audubon Society.