

## APPENDIX A

# POLLINATOR-FRIENDLY PLANTS

This appendix includes two lists of plants that are good sources of nectar or pollen.

The first list is of plants native to Oregon that are good for habitat patches for bees and/or butterflies. The second list gives garden plants (i.e., native to other parts of North America, Europe, or elsewhere) that would be suitable for formal landscaping.

The plants are listed alphabetically by scientific name. Plant names generally follow the USDA–NRCS PLANTS database (<http://plants.usda.gov/>).

For each plant, there is an indication of whether:

- the plant is native to the regions west or east of the Cascades, or to both;
- it is a caterpillar hostplant;
- it is suitable for, in List 1, formal landscaping (“Garden” column), or, in List 2, ecolawns; and
- it is deer resistant.

If only a genus is given, many species would be suitable. Consult a wildflower guide or your local native plant nursery to find species for your area.

## List 1: Native Plants

| Plant   | Region |      | Host-plant | Garden | Deer resist | Bloom period |
|---|--------|------|------------|--------|-------------|--------------|
|   | West   | East |            |        |             |              |
| Common yarrow ( <i>Achillea millefolium</i> )             | x      | x    | x          | x      | x           |              |
| Nettleleaf giant hyssop ( <i>Agastache urticifolia</i> )  |        | x    |            | x      | x           |              |
| Hooker’s onion ( <i>Allium acuminatum</i> )               | x      | x    |            | x      | x           |              |
| Slim-leafed onion ( <i>Allium amplexans</i> )             | x      |      |            | x      | x           |              |
| Nodding onion ( <i>Allium cernuum</i> )                   | x      |      |            | x      | x           | Jul-Aug      |
| Geyer’s onion ( <i>Allium geyeri</i> )                    |        | x    |            | x      | x           |              |
| Saskatoon ( <i>Amelanchier alnifolia</i> )                | x      | x    |            |        |             |              |
| Pearly everlasting ( <i>Anaphalis margaritacea</i> )      | x      | x    | x          | x      |             | Jun-Jul      |
| Western columbine ( <i>Aquilegia formosa</i> )            | x      | x    |            | x      |             |              |
| Madrone ( <i>Arbutus menziesii</i> )                      | x      |      | x          | x      |             | Mar-May      |
| Deltoid balsamroot ( <i>Balsamorhiza deltoidea</i> )      | x      |      |            |        |             |              |
| Arrowleaf balsamroot ( <i>Balsamorhiza sagittata</i> )    |        | x    |            |        |             |              |
| Serrate balsamroot ( <i>Balsamorhiza serrata</i> )        |        | x    |            |        |             |              |
| Harvest brodiaea ( <i>Brodiaea coronaria</i> )            | x      |      |            | x      |             |              |
| Giant mountain aster ( <i>Canadanthus modestus</i> )      |        | x    |            | x      | x           |              |
| Plumeless thistle ( <i>Carduus</i> )                      | x      | x    | x          |        |             |              |
| Paintbrush ( <i>Castilleja</i> )                          | x      | x    |            |        |             | May-Aug      |
| Fireweed ( <i>Chamerion angustifolium</i> )               | x      | x    |            |        |             | Jun-Aug      |
| Yellow rabbitbrush ( <i>Chrysothamnus viscidiflorus</i> ) |        | x    |            | x      |             | Jul-Aug      |
| Edible thistle ( <i>Cirsium edule</i> )                   | x      |      | x          |        |             |              |
| Wavyleaf thistle ( <i>Cirsium undulatum</i> )             |        | x    | x          |        |             |              |
| Pink fairies ( <i>Clarkia pulchella</i> )                 | x      | x    |            | x      |             | May-Jun      |
| Black hawthorn ( <i>Crataegus douglasii</i> )             | x      | x    |            | x      | x           | May          |
| Suksdorf’s hawthorn ( <i>Crataegus suksdorfii</i> )       | x      |      |            | x      |             |              |
| Wild carrot ( <i>Daucus pusillus</i> )                    | x      |      | x          | x      |             | Jun-Aug      |

| Plant   | Region |      | Host-plant | Garden | Deer resist | Bloom period |
|---|--------|------|------------|--------|-------------|--------------|
|   | West   | East |            |        |             |              |
| Menzie's larkspur ( <i>Delphinium menziesii</i> )           | x      | x    |            | x      | x           | Jun-Aug      |
| Nuttall's larkspur ( <i>Delphinium nuttallii</i> )          | x      | x    |            | x      | x           | Jun-Aug      |
| Bleeding heart ( <i>Dicentra</i> )                          | x      | x    | x          | x      | x           |              |
| Desert shootingstar ( <i>Dodecatheon conjugans</i> )        |        | x    |            | x      |             |              |
| White shootingstar ( <i>Dodecatheon dentatum</i> )          | x      |      |            | x      |             |              |
| Few-flowered shootingstar ( <i>Dodecatheon pulchellum</i> ) | x      |      |            | x      |             |              |
| Common willow-weed ( <i>Epilobium ciliatum</i> )            | x      | x    |            |        |             |              |
| Tall annual willow-herb ( <i>Epilobium brachycarpum</i> )   | x      | x    |            |        |             |              |
| Rubber rabbitbrush ( <i>Ericameria nauseos</i> )            | x      | x    |            | x      |             | Jul-Aug      |
| Annual fleabane ( <i>Erigeron annuus</i> )                  | x      |      |            | x      |             |              |
| Willamette daisy ( <i>Erigeron decumbens</i> )              | x      |      |            | x      |             |              |
| Philadelphia fleabane ( <i>Erigeron philadelphicus</i> )    | x      | x    |            | x      |             |              |
| Snow buckwheat ( <i>Eriogonum niveum</i> )                  |        | x    | x          | x      | x           | Jun-Aug      |
| Naked buckwheat ( <i>Eriogonum nudum</i> )                  | x      | x    | x          | x      | x           | Jun-Aug      |
| California poppy ( <i>Eschscholzia californica</i> )        | x      |      |            | x      | x           | May-Jul      |
| Cascade aster ( <i>Eucephalus ledophyllus</i> )             | x      |      | x          | x      | x           | Jun-Aug      |
| Showy aster ( <i>Eurybia conspicua</i> )                    |        | x    | x          | x      | x           | Jun-Aug      |
| Thickstem aster ( <i>Eurybia integrifolia</i> )             |        | x    |            | x      | x           |              |
| Blanket-flower ( <i>Gaillardia</i> )                        |        | x    |            | x      | x           | Jul-Aug      |
| Salal ( <i>Gaultheria shallon</i> )                         | x      |      | x          | x      | x           | Apr-Jun      |
| Sticky geranium ( <i>Geranium viscosissimum</i> )           |        | x    |            |        |             | May-Jun      |
| Oregon avens ( <i>Geum macrophyllum</i> )                   | x      | x    |            | x      |             |              |
| Old man's beard ( <i>Geum triflorum</i> )                   |        | x    |            | x      |             |              |
| Sunflower ( <i>Helianthus</i> )                             | x      | x    |            | x      |             |              |
| Pacific waterleaf ( <i>Hydrophyllum tenuipes</i> )          | x      |      |            | x      |             |              |
| Scarlet gillia ( <i>Ipomopsis aggregata</i> )               |        | x    |            | x      |             | Jun          |
| Columbia lily ( <i>Lilium columbianum</i> )                 | x      |      |            | x      |             |              |
| Desertparsley, biscuitroot ( <i>Lomatium</i> )              | x      | x    | x          | x      |             |              |
| Meadow lotus ( <i>Lotus denticulatus</i> )                  | x      |      |            |        |             |              |
| Seaside lotus ( <i>Lotus formosissimus</i> )                | x      |      |            |        |             |              |
| Small-flowered deervetch ( <i>Lotus micranthus</i> )        | x      |      |            |        |             |              |
| American bird's-foot trefoil ( <i>Lotus purshianus</i> )    | x      |      |            |        |             |              |
| Lupine ( <i>Lupinus</i> )                                   | x      | x    | x          | x      | x           | May-Jun      |
| Tall Oregon grape ( <i>Mahonia aquifolium</i> )             | x      | x    | x          | x      | x           | Apr-Jun      |
| Creeping Oregon grape ( <i>Mahonia repens</i> )             | x      | x    | x          | x      | x           | May-Jun      |
| Western crabapple ( <i>Malus fusca</i> )                    | x      |      | x          | x      |             |              |
| Evening-primrose ( <i>Oenothera</i> )                       | x      | x    |            | x      |             |              |
| Starvation cholla ( <i>Opuntia polykantha</i> )             | x      | x    |            | x      | x           |              |
| Penstemon ( <i>Penstemon davidsonii</i> )                   | x      | x    | x          | x      |             | May-Aug      |
| Phacelia ( <i>Phacelia</i> )                                | x      | x    |            | x      |             | Jun-Aug      |
| Mock orange ( <i>Philadelphus lewisii</i> )                 | x      |      |            | x      |             |              |
| Pacific ninebark ( <i>Physocarpus capitatus</i> )           | x      | x    |            | x      |             | May-Jul      |
| Bitter cherry ( <i>Prunus emarginata</i> )                  | x      | x    | x          |        |             |              |
| Common chokecherry ( <i>Prunus virginiana</i> )             | x      | x    | x          | x      | x           | Apr-May      |
| Rhododendron ( <i>Rhododendron</i> )                        | x      |      | x          | x      | x           | Apr-Jun      |
| Squaw currant ( <i>Ribes cereum</i> )                       | x      | x    |            | x      | x           | May          |

| Plant   | Region |      | Host-plant | Garden | Deer resist | Bloom period |
|---|--------|------|------------|--------|-------------|--------------|
|   | West   | East |            |        |             |              |
| Western black currant ( <i>Ribes laxiflorum</i> )             | x      |      |            | x      | x           | May          |
| Redflower currant ( <i>Ribes sanguineum</i> )                 | x      |      |            | x      |             | Apr-May      |
| Baldhip rose ( <i>Rosa gymnocarpa</i> )                       | x      | x    | x          | x      | x           |              |
| Nootka rose ( <i>Rosa nutkana</i> )                           | x      | x    | x          | x      | x           | May-Jun      |
| Swamp rose ( <i>Rosa pisocarpa</i> )                          | x      | x    | x          | x      |             |              |
| Woods' rose ( <i>Rosa woodsii</i> )                           |        | x    | x          | x      |             |              |
| Thimbleberry ( <i>Rubus parviflorus</i> )                     | x      | x    |            |        |             | Mar-May      |
| Salmonberry ( <i>Rubus spectabilis</i> )                      | x      |      |            |        |             | Mar-May      |
| Dewberry ( <i>Rubus ursinus</i> var. <i>macropetalus</i> )    | x      | x    |            |        |             |              |
| Piper's willow ( <i>Salix hookeriana</i> )                    | x      |      | x          |        |             |              |
| Pacific willow ( <i>Salix lucida</i> )                        | x      | x    | x          |        |             |              |
| Scouler willow ( <i>Salix scouleriana</i> )                   | x      | x    | x          |        |             | Apr          |
| Sitka willow ( <i>Salix sitchensis</i> )                      | x      | x    | x          |        |             |              |
| Blue elderberry ( <i>Sambucus mexicana</i> )                  | x      |      |            | x      | x           | Apr-May      |
| Red elderberry ( <i>Sambucus racemosa</i> )                   | x      |      |            | x      | x           | Jun-Jul      |
| Narrow-leaved skullcap ( <i>Scutellaria angustifolia</i> )    |        | x    |            | x      |             |              |
| Oregon stonecrop ( <i>Sedum oregonum</i> )                    | x      |      |            | x      |             |              |
| Spatula-leaf stonecrop ( <i>Sedum spathulifolium</i> )        | x      |      |            | x      |             | May-Jul      |
| Wormleaf stonecrop ( <i>Sedum stenopetalum</i> )              | x      | x    |            | x      |             |              |
| Bolander's groundsel ( <i>Senecio bolanderi</i> )             | x      |      |            |        |             |              |
| Western groundsel ( <i>Senecio intergerrimus</i> )            | x      | x    |            |        |             |              |
| Oregon whitetop aster ( <i>Sericocarpus oregonensis</i> )     | x      |      |            | x      | x           |              |
| Canada goldenrod ( <i>Solidago canadensis</i> )               | x      | x    |            | x      | x           | Aug-Sep      |
| Missouri goldenrod ( <i>Solidago missouriensis</i> )          |        | x    |            | x      | x           |              |
| Munro's globe-mallow ( <i>Sphaeralcea munroana</i> )          |        | x    | x          | x      |             |              |
| Common snowberry ( <i>Symphoricarpos albus</i> )              | x      | x    | x          | x      |             |              |
| Creeping snowberry ( <i>Symphoricarpos mollis</i> )           | x      |      | x          | x      |             |              |
| Pacific aster ( <i>Symphytotrichum chilensis</i> )            |        | x    |            | x      | x           | Jul-Aug      |
| Western mountain aster ( <i>Symphytotrichum spathulatum</i> ) | x      | x    |            | x      | x           | Jul-Aug      |
| Douglas's aster ( <i>Symphytotrichum subspicatum</i> )        | x      |      |            | x      | x           | Jul-Aug      |
| Largeflower triteleia ( <i>Triteleia grandiflora</i> )        | x      | x    |            | x      |             |              |
| Blueberry ( <i>Vaccinium</i> )                                | x      | x    | x          | x      |             | Mar-Jun      |
| Moth mullein ( <i>Verbascum blattaria</i> )                   | x      |      |            | x      |             |              |

## List 2: Garden Plants

| Plant                                 | Region |      | Host-plant | Eco-lawn | Deer resist |
|---------------------------------------|--------|------|------------|----------|-------------|
|                                       | West   | East |            |          |             |
| Yarrow ( <i>Achillea</i> )            | x      | x    |            | x        | x           |
| Giant hyssop ( <i>Agastache</i> )     | x      | x    |            |          | x           |
| Hollyhock ( <i>Alcea</i> )            | x      | x    | x          |          |             |
| Thrift ( <i>Armeria</i> )             | x      | x    |            |          | x           |
| English daisy ( <i>Bellis</i> )       | x      | x    |            | x        |             |
| Borage ( <i>Borago</i> )              | x      | x    |            |          |             |
| California lilac ( <i>Ceanothus</i> ) | x      | x    |            |          |             |

| Plant  | Region |      | Host-plant | Eco-lawn | Deer resist |
|--|--------|------|------------|----------|-------------|
|  | West   | East |            |          |             |
| Daisy ( <i>Chrysanthemum</i> )                 | x      | x    |            |          | x           |
| Coreopsis ( <i>Coreopsis</i> )                 | x      | x    |            |          | x           |
| Cosmos ( <i>Cosmos</i> )                       | x      | x    |            |          | x           |
| Foxglove ( <i>Digitalis</i> )                  | x      | x    |            |          | x           |
| Purple coneflower ( <i>Echinacea</i> )         | x      | x    |            |          | x           |
| Globe thistle ( <i>Echinops</i> )              | x      | x    |            |          | x           |
| Sea-holly ( <i>Eryngium</i> )                  | x      | x    |            |          | x           |
| Wallflower ( <i>Erysimum</i> )                 | x      | x    |            |          | x           |
| Fennel ( <i>Foeniculum</i> )                   | x      | x    | x          |          |             |
| Hyssop ( <i>Hyssopus</i> )                     | x      |      |            |          | x           |
| Lantana ( <i>Lantana</i> )                     | x      | x    |            |          |             |
| Sweet pea ( <i>Lathyrus</i> )                  | x      | x    |            |          |             |
| English lavender ( <i>Lavandula</i> )          | x      | x    |            |          | x           |
| Gayfeather ( <i>Liatris</i> )                  | x      | x    |            |          |             |
| Bird's-foot trefoil ( <i>Lotus</i> )           | x      | x    |            | x        |             |
| Apple ( <i>Malus</i> )                         | x      | x    | x          |          |             |
| Mallow ( <i>Malva</i> )                        | x      | x    | x          |          |             |
| Medick ( <i>Medicago</i> )                     | x      | x    |            | x        |             |
| Mint ( <i>Mentha</i> )                         | x      | x    |            |          | x           |
| Four o'clock ( <i>Mirabilis</i> )              |        | x    |            |          |             |
| Bee balm ( <i>Monarda</i> )                    | x      | x    |            |          |             |
| Basil ( <i>Ocimum</i> )                        | x      | x    |            |          |             |
| Marjoram, oregano ( <i>Origanum</i> )          |        | x    | x          |          | x           |
| Poppy ( <i>Papaver</i> )                       | x      | x    |            |          | x           |
| Selfheal ( <i>Prunella</i> )                   | x      | x    |            | x        |             |
| Pear ( <i>Pyrus</i> )                          | x      | x    |            |          |             |
| Rosemary ( <i>Rosmarinus</i> )                 | x      | x    |            |          | x           |
| Black-eyed Susan ( <i>Rudbeckia</i> )          | x      | x    |            |          | x           |
| Sage ( <i>Salvia</i> )                         | x      | x    |            |          | x           |
| Pin cushion ( <i>Scabiosa</i> )                | x      |      |            |          | x           |
| Sedum "Autumn Joy" ( <i>Sedum spectabile</i> ) | x      |      |            |          |             |
| Lamb's ear ( <i>Stachys</i> )                  | x      | x    |            |          |             |
| Thyme ( <i>Thymus</i> )                        | x      | x    |            | x        | x           |
| Clover ( <i>Trifolium</i> )                    | x      | x    |            | x        |             |
| Nasturtium ( <i>Tropaeolum</i> )               | x      | x    | x          |          | x           |
| Mullein ( <i>Verbascum</i> )                   | x      | x    | x          |          |             |
| Verbena ( <i>Verbena</i> )                     | x      | x    |            |          | x           |
| Violet ( <i>Viola</i> )                        | x      | x    |            | x        |             |
| Zinnia ( <i>Zinnia</i> )                       | x      | x    |            |          | x           |

## APPENDIX B

# BUTTERFLIES AND THEIR HOSTPLANTS

This appendix lists fifty species of butterflies that are common or widespread in Oregon and Washington. Your park might attract other species; this is not a comprehensive list of the butterflies that occur in the region.

- Known hostplants are listed for each butterfly.
- Hostplant lists are based on *The Butterflies of Cascadia* by Robert Michael Pyle (Seattle

Audubon Society, 2002), supplemented by *The Butterflies of North America. A Natural History and Field Guide* by James A. Scott (Stanford University Press, 1986).

- All hostplants are native to Oregon or Washington unless marked.
- Butterfly names follow *The Butterflies of Cascadia*.
- Plant names follow the USDA-NRCS PLANTS database (<http://plants.usda.gov/>).

## SKIPPERS (HESPERIIDAE)

|   |   |
|---|---|
| Silver-spotted skipper<br>( <i>Epargyreus clarus</i> )  | Big deervetch ( <i>Lotus crassifolius</i> ), wild licorice ( <i>Glycyrrhiza lepidota</i> ), black locust ( <i>Robinia pseudoacacia</i> )  |
| Propertius duskywing<br>( <i>Erynnis propertius</i> )   | Garry oak ( <i>Quercus garryana</i> )   |
| Persius duskywing<br>( <i>Erynnis persius</i> )         | Broadleaf lupine ( <i>Lupinus latifolius</i> ), silky lupine ( <i>L. sericeus</i> ), goldenbanner ( <i>Thermopsis</i> ), milkvetch ( <i>Astragalus</i> ), big deervetch ( <i>Lotus crassifolius</i> )   |
| Common checkered skipper<br>( <i>Pyrgus communis</i> )  | Wide variety of mallows, including cheeseweed ( <i>Malva parvifolia</i> ), common mallow ( <i>M. neglecta</i> ), alkali mallow ( <i>Malvella leprosa</i> ), Munro's globemallow ( <i>Sphaeralcea munroana</i> )   |
| Juba skipper<br>( <i>Hesperia juba</i> )                | Various grasses, including Kentucky bluegrass ( <i>Poa pratensis</i> ), brome ( <i>Bromus</i> ), hairgrass ( <i>Deschampsia</i> )<br><u>Introduced</u> : needlegrass ( <i>Stipa</i> )   |
| Western branded skipper<br>( <i>Hesperia colorado</i> ) | Various grasses, including Idaho fescue ( <i>Festuca idahoensis</i> ), brome ( <i>Bromus</i> )<br><u>Introduced</u> : sheep fescue ( <i>Festuca ovina</i> ), needlegrass ( <i>Stipa</i> ), ryegrass ( <i>Lolium</i> )   |
| Sachem<br>( <i>Atalopedes campestris</i> )              | Hairy crabgrass ( <i>Digitaria sanguinalis</i> ), red fescue ( <i>Festuca rubra</i> )<br><u>Introduced</u> : goosegrass ( <i>Eleusine indica</i> ), Bermuda grass ( <i>Cynodon dactylon</i> )   |
| Sandhill skipper<br>( <i>Polites sabuleti</i> )         | Various grasses, including Idaho fescue ( <i>Festuca idahoensis</i> ), saltgrass ( <i>Distichlis spicata</i> ), Kentucky bluegrass ( <i>Poa pratensis</i> )<br><u>Introduced</u> : Bermuda grass ( <i>Cynodon dactylon</i> )  |
| Woodland skipper<br>( <i>Ochlodes sylvanoides</i> )     | Various grasses, including bluebunch wheatgrass ( <i>Pseudoroegneria spicata</i> ), Siberian wildrye ( <i>Elymus sibiricus</i> ), giant wildrye ( <i>E. condensatus</i> )<br><u>Introduced</u> : bearded wheatgrass ( <i>Agropyron fragile</i> ), colonial bentgrass ( <i>Agrostis capillaris</i> ), common wild oat ( <i>Avena fatua</i> ) |

Dun skipper  
(*Euphyes vestris*)

Sedges (*Carex*)

Common roadside skipper  
(*Amblyscirtes vialis*)

Various grasses, including bluegrass (*Poa*), bentgrass (*Agrostis*)

## SWALLOWTAILS (PAPILIONIDAE)

Clodius parnassian  
(*Parnassius clodius*)

Various species of bleeding heart: Pacific bleeding heart (*Dicentra formosa*) in western parts; longhorn steer's-head (*D. uniflora*), shorthorn steer's-head (*D. pauciflora*), Dutchman's breeches (*D. cucullaria*) in eastern and drier areas.

Anise swallowtail  
(*Papilio zelicaon*)

Huge range of umbelliferous plants, including cow parsnip (*Heracleum*), desert parsley (*Lomatium*), wild carrot (*Daucus pusillus*), angelica (*Angelica*)  
Introduced: Queen Anne's lace (*Daucus carota*), fennel (*Foeniculum*)

Western tiger swallowtail  
(*Papilio rutulus*)

Broadleaved trees, including bigleaf maple (*Acer macrophyllum*), willow (*Salix*), aspen (*Populus tremuloides*), black cottonwood (*P. balsamifera* ssp. *trichocarpa*)

Two-tailed tiger swallowtail  
(*Papilio multicaudatus*)

Western chokecherry (*Prunus virginiana demissa*)  
Introduced: green ash (*Fraxinus pennsylvanica*; in urban areas)

Pale tiger swallowtail  
(*Papilio eurymedon*)

Red alder (*Alnus rubra*), cascara (*Rhamnus purshiana*), oceanspray (*Holodiscus discolor*), serviceberry (*Amelanchier*), bittercherry (*Prunus emarginata*), hardhack (*Spiraea douglasii*), various species of wild lilac or buckbrush (*Ceanothus*)

## WHITES AND SULPHURS (PIERIDAE)

Western white  
(*Pontia occidentalis*)

Crucifers, including daggerpod (*Anelsonia eurycarpa*), common pepperweed (*Lepidium densiflorum*), Virginia p. (*L. virginicum*)  
Introduced: clasping pepperweed (*Lepidium perfoliatum*), field pepperweed (*L. campestre*)

Sara's orangetip  
(*Anthocharis sara*)

Rockcress (*Arabis*), bittercress (*Cardamine*)

Clouded sulphur  
(*Colias philodice*)

Large number of hostplants in the pea family (Fabaceae), including milkvetch (*Astragalus*), wild sweet pea (*Lathyrus*), sweet clover (*Melilotus*), vetch (*Vicia*), sweetvetch (*Hedysarum*), lupine (*Lupinus*), goldenbanner (*Thermopsis*)  
Introduced: alfalfa (*Medicago sativa*), white clover (*Trifolium repens*), red clover (*T. pratense*)

Orange sulphur  
(*Colias eurytheme*)

Large number of hostplants in the pea family (Fabaceae), including milkvetch (*Astragalus*), wild sweet pea (*Lathyrus*), sweet clover (*Melilotus*), vetch (*Vicia*), sweetvetch (*Hedysarum*), lupine (*Lupinus*), goldenbanner (*Thermopsis*)  
Introduced: alfalfa (*Medicago sativa*), white clover (*Trifolium repens*), red clover (*T. pratense*), bird's-foot trefoil (*Lotus corniculatus*)

## GOSSAMER-WINGS (LYCAENIDAE)

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| Purplish copper<br>( <i>Lycaena helloides</i> )    | Dotted smartweed ( <i>Polygonum punctatum</i> ), Pacific silverweed ( <i>Argentina egedii</i> ), silverweed cinquefoil ( <i>Potentilla anserina</i> )<br><u>Introduced</u> : marshpepper knotweed ( <i>Polygonum hydropiper</i> ), spotted ladysthumb ( <i>P. persicaria</i> ), sheep sorrel ( <i>Rumex acetosella</i> ), bitter dock ( <i>R. obtusifolius</i> )  |
| Cedar hairstreak<br>( <i>Mitoura grynea</i> )      | Western red cedar ( <i>Thuja plicata</i> ), Alaska yellow cedar ( <i>Chamaecyparis nootkatensis</i> ), incense cedar ( <i>Libocedrus decurrans</i> ), western juniper ( <i>Juniperus occidentalis</i> )   |
| Brown elfin<br>( <i>Incisalia augustinus</i> )     | Wide range of plants, including salal ( <i>Gaultheria shallon</i> ), madrone ( <i>Arbutus</i> ), kinnikinnick ( <i>Arctostaphylos uva-ursi</i> ), rhododendron ( <i>Rhododendron</i> ), bitterbrush ( <i>Purshia</i> ), big-basin sagebrush ( <i>Artemisia tridentata</i> ), buckwheat ( <i>Eriogonum</i> ), buckthorn ( <i>Rhamnus</i> ), Oregon grape ( <i>Mahonia</i> )  |
| Gray hairstreak<br>( <i>Strymon melinus</i> )      | Common hostplants include clover ( <i>Trifolium</i> ), lupine ( <i>Lupinus</i> ), milkvetch ( <i>Astragalus</i> ), rose ( <i>Rosa</i> ), mallow ( <i>Malva</i> )<br><u>Introduced</u> : clover ( <i>Trifolium</i> )   |
| Western tailed blue<br>( <i>Everes amyntula</i> )  | A range of legumes including vetches ( <i>Vicia</i> ), milkvetches ( <i>Astragalus</i> ), locoweed ( <i>Oxytropis</i> ), peavines ( <i>Lathyrus</i> )   |
| Spring azure<br>( <i>Celastrina argiolus</i> )     | Osier dogwood ( <i>Cornus</i> ), elderberry ( <i>Sambucus</i> ), madrone ( <i>Arbutus</i> ), oceanspray ( <i>Holodiscus discolor</i> ), huckleberry ( <i>Vaccinium</i> ), cherry ( <i>Prunus</i> ), hardhack ( <i>Spiraea douglasii</i> )   |
| Silvery blue<br>( <i>Glaucopsyche lygdamus</i> )   | Various species of lupines, including broadleaf lupine ( <i>Lupinus latifolius</i> ), Pacific lupine ( <i>L. lepidus</i> ), silky lupine ( <i>L. sericeus</i> ), sulphur lupine ( <i>L. sulphureus</i> ); vetches ( <i>Vicia</i> ), milkvetches ( <i>Astragalus</i> ), locoweeds ( <i>Oxytropis</i> ), peavines ( <i>Lathyrus</i> )   |
| Melissa's blue<br>( <i>Lycaeides melissa</i> )     | Many genera of legumes, including lupine ( <i>Lupinus</i> ), vetch ( <i>Vicia</i> ), milkvetch ( <i>Astragalus</i> ), locoweed ( <i>Oxytropis</i> )<br><u>Introduced</u> : alfalfa ( <i>Medicago sativa</i> )   |
| Greenish blue<br>( <i>Plebejus saepiolus</i> )     | Various clovers, including Alsike clover ( <i>Trifolium hybridum</i> ), Thompson's clover ( <i>T. thompsonii</i> ), cow clover ( <i>T. wormskjoldii</i> )<br><u>Introduced</u> : white clover ( <i>Trifolium repens</i> )   |
| Boisduval's blue<br>( <i>Icaricia icarioides</i> ) | Various lupines, including silvery lupine ( <i>Lupinus argenteus</i> ), broadleaf lupine ( <i>L. latifolius</i> ), Pacific lupine ( <i>L. lepidus</i> ), silky lupine ( <i>L. sericeus</i> ), sulphur lupine ( <i>L. sulphureus</i> )<br><u>Fender's blue</u> ( <i>I. i. fenderi</i> ); <u>Federally Endangered</u> : main hostplant is Kincaid's lupine ( <i>L. oregonus kincaidii</i> [syn. <i>L. sulphureus kincaidii</i> ]) |
| Acmon blue<br>( <i>Icaricia acmon</i> )            | Many species of buckwheat ( <i>Eriogonum</i> ), lupines ( <i>Lupinus</i> )<br><u>Introduced</u> : sweet clover ( <i>Melilotus</i> )   |

## BRUSH FOOTS (NYMPHALIDAE)

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| Great spangled fritillary<br>( <i>Speyeria cybele</i> )    | Pioneer violet ( <i>Viola glabella</i> ), hookspur violet ( <i>V. adunca</i> )   |
| Zerene fritillary<br>( <i>Speyeria zerene</i> )            | Pioneer violet ( <i>Viola glabella</i> ), Nuttall's violet ( <i>V. nuttallii</i> ), hookspur violet ( <i>V. adunca</i> )<br><u>Oregon Silverspot</u> ( <i>S. z. hippolyta</i> ); <u>Federally Threatened</u> : hookspur violet ( <i>V. adunca</i> )  |
| Hydaspe fritillary<br>( <i>Speyeria hydaspe</i> )          | Pioneer violet ( <i>Viola glabella</i> ), Nuttall's violet ( <i>V. nuttallii</i> ), evergreen violet ( <i>V. sempervirens</i> ), hookspur violet ( <i>V. adunca</i> )  |
| Western meadow fritillary<br>( <i>Boloria epithore</i> )   | Pioneer violet ( <i>Viola glabella</i> ), Nuttall's violet ( <i>V. nuttallii</i> ), evergreen violet ( <i>V. sempervirens</i> ), pinto violet ( <i>V. ocellata</i> ), northern bog violet ( <i>V. nephrophylla</i> ), hookspur violet ( <i>V. adunca</i> )   |
| Field crescent<br>( <i>Phyciodes pulchellus</i> )          | Western showy aster ( <i>Eurybia conspicua</i> ), Cascade aster ( <i>Eucephalus ledophyllus</i> )  |
| Mylitta crescent<br>( <i>Phyciodes mylitta</i> )           | Edible thistle ( <i>Cirsium edule</i> ), white thistle ( <i>C. hookerianum</i> ), fewleaf thistle ( <i>C. remotifolium</i> ), wavyleaf thistle ( <i>C. undulatum</i> )<br><u>Introduced</u> : Canada thistle ( <i>Cirsium arvense</i> ), bull thistle ( <i>C. vulgare</i> ); yellow star-thistle ( <i>Centaurea solstitialis</i> ), rarely, diffuse knapweed ( <i>C. diffusa</i> )         |
| Chalcedona checkerspot<br>( <i>Euphydryas chalcedona</i> ) | Common snowberry ( <i>Symphoricarpos albus</i> ), mountain snowberry ( <i>S. oreophilus</i> ), creeping snowberry ( <i>S. mollis</i> ), bush penstemon ( <i>Penstemon fruticosus</i> ), Davidson's penstemon ( <i>P. davidsonii</i> ), littleflower penstemon ( <i>P. procerus</i> ), cliff beardtongue ( <i>P. rupicola</i> )<br><u>Introduced</u> : mullein ( <i>Verbascum thapsus</i> ) |
| Satyr anglewing<br>( <i>Polygonia satyrus</i> )            | Nettle ( <i>Urtica dioica</i> ), hop ( <i>Humulus lupulus</i> ), willow ( <i>Salix</i> )   |
| Green comma<br>( <i>Polygonia faunus</i> )                 | Willow ( <i>Salix</i> ), birch ( <i>Betula</i> ), aspen ( <i>Populus tremuloides</i> ), alder ( <i>Alnus</i> ), rhododendron ( <i>Rhododendron</i> )   |
| Mourning cloak<br>( <i>Nymphalis antiopa</i> )             | A large number of trees and shrubs, including willow ( <i>Salix</i> ), alder ( <i>Alnus</i> ), birch ( <i>Betula</i> ), maple ( <i>Acer</i> ), poplar ( <i>Populus</i> ), netleaf hackberry ( <i>Celtis laevigata</i> ), rose ( <i>Rosa</i> ), apple ( <i>Malus</i> ), spirea ( <i>Spiraea</i> )<br><u>Introduced</u> : elm ( <i>Ulmus</i> )   |
| Milbert's tortoiseshell<br>( <i>Nymphalis milberti</i> )   | Nettle ( <i>Urtica dioica</i> )  |



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|--|---|
| West Coast lady<br>( <i>Vanessa annabella</i> )    | Mainly mallows, including streambank globemallow ( <i>Iliamna rivularis</i> ), cheese-weed ( <i>Malva rotunifolia</i> ), fanpetals ( <i>Sida</i> ), checkermallow ( <i>Sidalcea</i> ), globemallow ( <i>Sphaeralcea</i> )<br><u>Introduced:</u> hollyhock ( <i>Alcea rosea</i> )  |
| Painted lady<br>( <i>Vanessa cardui</i> )          | Thistle ( <i>Cirsium</i> ), plumeless thistle ( <i>Carduus</i> ); a wide range of plants when thistles are not available, including lupine ( <i>Lupinus</i> ), mallow ( <i>Malva</i> ), globemallow ( <i>Sphaeralcea</i> ), yarrow ( <i>Achillea millefolium</i> ), pearly everlasting ( <i>Anaphalis margaritacea</i> )<br><u>Introduced:</u> Canada thistle ( <i>Cirsium arvense</i> ), bull thistle ( <i>C. vulgare</i> ), hollyhock ( <i>Alcea rosea</i> )                    |
| Red admirable<br>( <i>Vanessa atalanta</i> )       | Nettles ( <i>Urtica dioica</i> ); pellitory ( <i>Parietaria</i> ), hop ( <i>Humulus lupulus</i> )   |
| Common buckeye<br>( <i>Junonia coenia</i> )        | A wide range of plants, including plantain ( <i>Plantago</i> ), penstemon ( <i>Penstemon</i> ), paintbrush ( <i>Castilleja</i> ), speedwell ( <i>Veronica</i> ), monkeyflower ( <i>Mimulus</i> )  |
| Lorquin's admiral<br>( <i>Limenitis lorquini</i> ) | Peachleaf willow ( <i>Salix amygdaloides</i> ), narrowleaf willow ( <i>S. exigua</i> ), Arroyo willow ( <i>S. lasiolepis</i> ), Pacific willow ( <i>S. lucida</i> ssp. <i>lasiandra</i> ); also aspen ( <i>Populus tremuloides</i> ), black cottonwood ( <i>P. balsamifera</i> spp. <i>trichocarpa</i> ), serviceberry ( <i>Amelanchier</i> ), hardhack ( <i>Spiraea douglasii</i> ), oceanspray ( <i>Holodiscus discolor</i> ), apple ( <i>Malus</i> ), cherry ( <i>Prunus</i> ) |
| Ochre ringlet<br>( <i>Coenonympha tullia</i> )     | Kentucky bluegrass ( <i>Poa pratensis</i> ).<br><u>Introduced:</u> needlegrass ( <i>Stipa</i> )   |
| Common wood nymph<br>( <i>Cercyonis pegala</i> )   | No hostplant records for this region.<br>(Elsewhere they use tridens ( <i>Tridens</i> ), oat ( <i>Avena</i> ; introduced), needlegrass ( <i>Stipa</i> ; introduced))  |
| Monarch<br>( <i>Danaus plexippus</i> )             | Various milkweeds, principally showy milkweed ( <i>Asclepias speciosa</i> ) and narrow-leaved milkweed ( <i>A. fascicularis</i> )   |