



# Starflower Foundation *Pacific Northwest*

## Native Plant *Identification Cards*

*For the Field Identification of  
Common Native Plants  
of the Pacific Northwest*

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Developed by Heidi Bohan, et. al.

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*Cover photos by Heidi Bohan*

### **History**

Starflower Foundation was founded in 1996 by Ann Lennartz with the mission of assisting with the creation, rehabilitation and stewardship of Pacific Northwest native plant communities by supporting citizen-driven restoration and education projects that inspire understanding, appreciation and preservation of Pacific Northwest native ecosystems, with humans as an integral part of these ecosystems.

Over its 10-year history, Starflower has worked on 18 urban habitat restoration projects in Seattle, Washington. A core of committed volunteers, with the vision of restoring an area of their neighborhood park or school grounds with Pacific Northwest native plant communities, was at the center of each project. As an operating foundation, Starflower Foundation supported design, implementation, and maintenance services. During all phases of the projects, the foundation pursued a restoration strategy that fast-tracked the successional process and strove for a high level of species diversity. Each project featured a significant educational component.

A list of the projects follows:

Seattle public parks: Colman, Frink, Genesee, Greg Davis, Madrona Woods, Magnuson, Mee Kwa Mooks, Pritchard Beach, Roxhill and Seward.

Elementary schools: Dearborn, Dunlap, Hawthorne, Northwest Montessori, Pathfinder, and Sanislo

Middle schools: Environmental & Adventure School, and Washington Middle School

These Pacific Northwest Native Plant Identification Cards were developed by Starflower Foundation to assist with long-term stewardship of the projects, and to generally promote Pacific Northwest native plant landscapes and stewardship. The species list for these cards comes from our experience with Seattle urban habitat restoration projects where the goal was to create self-sustaining Pacific Northwest native plant communities. Valuable feedback from the stewardship community shaped the size, content and layout of these cards.

The images on these cards focus on seasonal, key field identification characteristics. The card for each species may be downloaded and printed individually from the Washington Native Plant Society's website at [www.wnps.org](http://www.wnps.org). The files are intended for color printing, preferably using a laser printer to obtain the highest quality prints. Laminating the prints is recommended for long-term use in the field.

### **Credits**

We thank Heidi Bohan for her excellent work in developing these cards, as well as for her leadership of the project. In addition, our sincere thanks to the following Starflower staff and interns for their contributions: Chris Behrens, Jennifer Boardman, Sandy Fry, Griffith Gilbert, Scott Groce, Sonja Lutgring, Megan MacClellan, Elsie Tonadjaja, Jeremy Valenta, Cynthia Walcker, and Anne Yen. Thanks, also, to Jim Kolb for his guidance and editing.

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## Overview

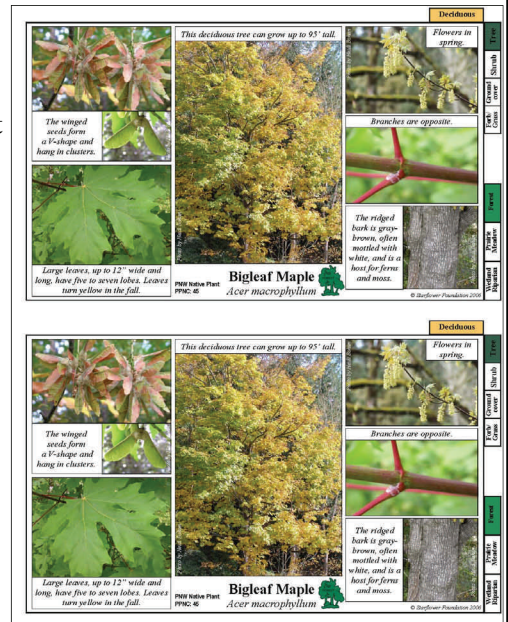
Starflower Foundation Pacific Northwest Native Plant ID Cards include 112 Pacific Northwest species and are designed to provide a quick reference for novice botanists, children to adults, in the field identification of Pacific Northwest native plants common to the Seattle urban area. Images and text describe the key field characteristics, those features particular to a plant species which most clearly identify and distinguish it from other plants. This information has been derived from our own field experience working with children and adults and observing how they view and interpret this information, as well as from well-regarded references and field guides. We have included information about form, size, bark, branching, stems or new growth to help identify Pacific Northwest native plants during different times of the year. This information will be particularly useful for schools that are in session during a time when many plants are dormant, without easily identifiable leaves or flowers. Permission is granted for educational use only, not for sale.

For more detailed information about each species, cards include a reference to a page number from the field guide *Plants of the Pacific Northwest Coast* by Pojar and MacKinnon. As can be seen on the Bigleaf Maple ID cards to the right, the page number reference is found to the left of the species name. The field guide provides comprehensive taxonomical information for each plant species, plus information about the derivation of its name, and its use by Native people.

Starflower Foundation Pacific Northwest Native Plant ID cards are available as PDF files, one for each plant species. Each file contains two identical plant ID cards in color and formatted on a single-sided, letter-size page. The files are intended to be printed in color, cut into two cards, then laminated using 5 mil. clear plastic laminating pouches which will ensure their longevity in the field. They can be assembled by hole punching the upper left corner and binding with metal file rings. Binding in this manner leaves the color coding readily available on the right side for quick reference. The back has been left blank, providing opportunity for users to add information specific to their interests, such as ethnobotany, wildlife use, ecology, or the location of the plant species in their particular project. This information can be added prior to lamination, or by affixing printed labels after lamination.

Included in the cover materials are lists of plants by habitat type. These lists can be used to assemble sets of cards specific to the type of habitat you may be studying. Starflower Foundation Pacific Northwest Native Plant ID card sets may also be made specific to a park or garden using project plant lists.

A blank template is provided so you can create new cards for additional plant species.



This is what the PDF file page for Bigleaf Maple looks like.

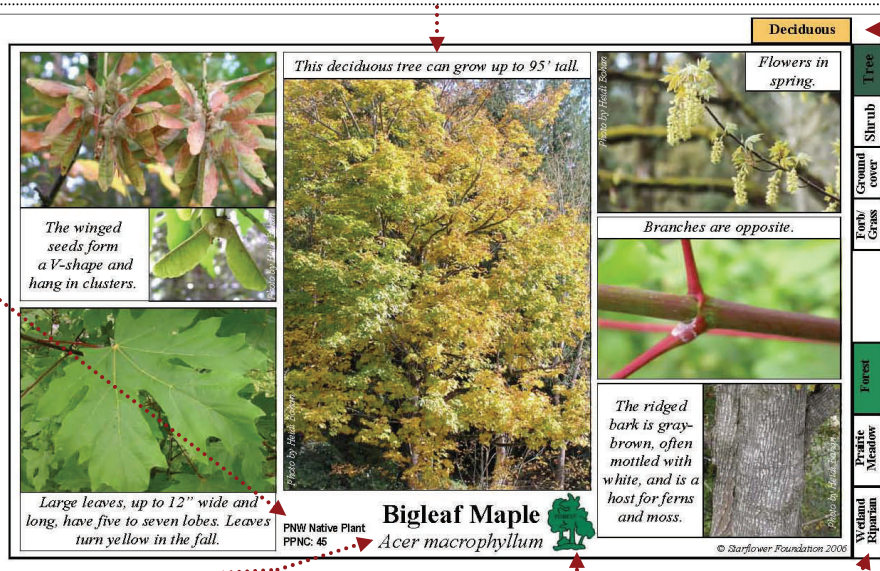
## Information Provided on Each Card

Images and text throughout the card provide information for field identification of the plant species which usually includes: important leaf characteristics; flower, fruit or seed when it is a conspicuous identifier; and other key field characteristics that are easily identifiable.

- A text box describes the plant type (evergreen or deciduous), form (groundcover, shrub, or tree) and general size (in English scale). The associated image generally shows the plant form as found in a natural landscape.

- Status as a Pacific Northwest native species: **PNW Native Plant**.
- The page number in the *Plants of the Pacific Northwest Coast* (PPNC) by Pojar and Mackinnon from which you can learn more about this plant.

- The common name (or names) most frequently used for this plant in the Pacific Northwest region.
- The scientific name (in italics) that is most frequently used by regional field guides and nurseries.



- Habitat icons and matching color coded sidebar which represent the major plant communities in which this plant is most commonly found in the Seattle urban area. Some plants may be commonly found in more than one plant community. See page 3 for more detail.

- A horizontal color coded bar in the upper right hand corner which indicates whether the plant is **Deciduous** or **Evergreen**.

- A color coded side bar which indicates the plant type using the following definitions:
  - Tree:** a plant that generally has a single-trunk and matures to 16' or taller.
  - Shrub:** a generally multi-stemmed, woody plant that ranges from 3'-16' tall.
  - Groundcover:** a low-growing plant that forms a solid cover up to 3' tall.
  - Forb/Grass:** an herbaceous annual or perennial.

## Habitat Types

Each card has an icon and sidebar indicating the habitat types in which you are most likely to find this plant species within the Seattle urban area. Some plants may be commonly present in more than one habitat type. These very general classifications are intended to help narrow the focus when attempting to identify plants. Cards may be sorted by habitat type into sets for use when visiting these specific habitat areas. The following are general descriptions of these habitats.



'Forest' habitats are made up of evergreen and deciduous trees, shrubs and groundcovers. Forests range from wetland to dry upland conditions. Plants that thrive in forests are adapted to a range of sunlight and moisture conditions and many live along the edges of the forest in what is called the edge zone. Forests are the dominant plant community in the Pacific Northwest.



'Wetland & Riparian' habitats are located near water such as ponds, lakes, streams and rivers. Plants adapted to these habitats are influenced by exposure to seasonal groundwater fluctuations which limit the species of plants that will thrive. Wetland habitats include many unique plant communities including bog, emergent, shrub/scrub, and forested.



'Prairie & Meadow' habitats are found in openings and clearings and are generally made up of deciduous and evergreen shrubs and groundcovers such as grasses, sedges and forbs. Prairies and meadows can be wet or dry, or more commonly, seasonally wet. Most prairies and meadows in our region eventually become forests unless they are managed by people or disturbed by natural forces such as floods or fire.

## Forest

Alder, Red  
Ash, Oregon  
Birch, Paper  
Blackberry, Trailing  
Bleeding Heart  
Cascara  
Cedar, Western Red  
Cherry, Bitter  
Cleavers  
Columbine, Red  
Cottonwood, Black  
Currant, Red Flowering  
Devil's Club  
Dogwood, Pacific  
Elderberry, Red  
Fern, Bracken  
Fern, Deer  
Fern, Lady  
Fern, Sword  
Fir, Douglas  
Fir, Grand  
Foamflower  
Fringecup  
Ginger, Wild  
Goat'sbeard  
Hawthorn, Black  
Hazelnut, Beaked  
Hemlock, Western  
Horsetail, Common  
Huckleberry, Evergreen  
Indian-plum  
Inside-out Flower  
Lily of the Valley, False  
Madrone, Pacific  
Maple, Bigleaf  
Maple, Vine  
Miner's-lettuce, Common  
Miner's-lettuce, Siberian  
Nettle, Cooley's Hedge  
Nettle, Stinging  
Oceanspray  
Oregon Grape, Dull  
Penstemon Species  
Piggyback Plant  
Rose, Baldhip  
Rose, Nootka  
Salal  
Serviceberry  
Snowberry  
Solomon's Seal, False  
Solomon's Seal, False Star-flowered  
Spruce, Sitka  
Starflower, Western  
Strawberry, Wild  
Strawberry, Woodland  
Thimbleberry  
Trillium, Western  
Vanilla-leaf  
Violet spp.  
Waterleaf, Pacific  
Wood Sorrel  
Yew, Western

## Wetland & Riparian

Alder, Red  
Ash, Oregon  
Aspen, Quaking  
Birch, Paper  
Bleeding Heart  
Bog-laurel, Western  
Bog-rosemary  
Bulrush, Hard-stemmed  
Bulrush, Small-flowered  
Camas, Common  
Cedar, Western Red  
Cherry, Bitter  
Cinquefoil, Graceful  
Cottonwood, Black  
Devil's Club  
Dogwood, Red Osier  
Elderberry, Red  
Fern, Bracken  
Fern, Deer  
Fern, Lady  
Foamflower  
Gale, Sweet  
Ginger, Wild  
Goat'sbeard  
Hawthorn, Black  
Horsetail, Common  
Mannagrass, Tall  
Maple, Vine  
Miner's-lettuce, Common  
Miner's-lettuce, Siberian  
Nettle, Cooley's Hedge  
Ninebark, Pacific  
Penstemon Species  
Piggyback Plant  
Rose, Clustered Wild  
Rose, Nootka  
Salal  
Salmonberry  
Sedge, Slough  
Serviceberry  
Silverweed, Pacific  
Snowberry  
Solomon's Seal, False  
Solomon's Seal, False Star-flowered  
Spike-rush, Creeping  
Spirea, Douglas (Hardhack)  
Spruce, Sitka  
Swamp Lantern (Skunk Cabbage)  
Tea, Labrador  
Thimbleberry  
Twinberry, Black  
Violet spp.  
Water-parsley, Pacific  
Water-parsnip  
Water-plantain  
Willow, Pacific  
Willow, Scouler's  
Wool-grass

## Prairie & Meadow

Aster Species  
Avens, Large-leaved  
Barley, Meadow  
Blackberry, Trailing  
Buttercup, Western  
Camas, Common  
Canada Goldenrod  
Cinquefoil, Graceful  
Cleavers  
Columbine, Red  
Elderberry, Red  
Farewell-to-Spring  
Fern, Bracken  
Fireweed  
Foamflower  
Gumweed, Entire-leaved  
Hairgrass, Tufted  
Horsetail, Common  
Iris, Oregon  
Kinnikinnick  
Lily, Chocolate  
Lily, White Fawn  
Lupine, Large-leaved  
Miner's-lettuce, Common  
Miner's-lettuce, Siberian  
Mountain Sneezeweed  
Nettle, Cooley's Hedge  
Nettle, Stinging  
Nodding Onion  
Oak, Garry  
Oceanspray  
Oregon Grape, Tall  
Oregon Sunshine  
Pearly Everlasting  
Penstemon Species  
Piggyback Plant  
Rose, Baldhip  
Rose, Nootka  
Salal  
Shootingstar  
Silverweed, Pacific  
Strawberry, Coastal  
Strawberry, Wild  
Strawberry, Woodland  
Thimbleberry  
Violet spp.  
Wax-myrtle, Pacific  
Yarrow

## Plant ID Cards Vocabulary

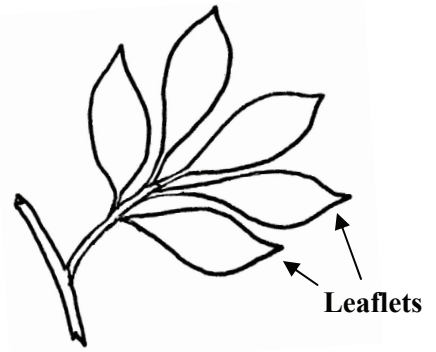
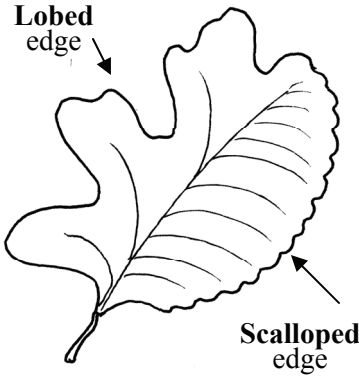
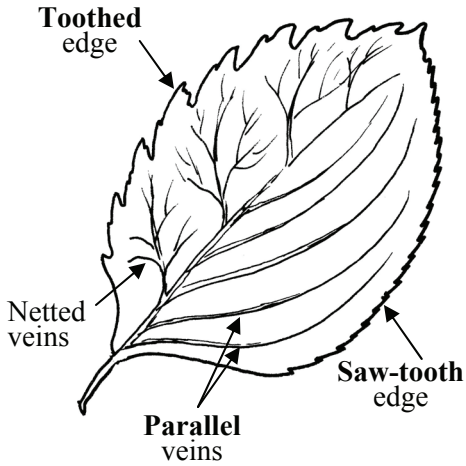
**Armed:** furnished with thorns or prickles  
**Aromatic:** having a smell, usually pleasant  
**Basal:** growing from the base  
**Bell-shaped:** *see Flower Drawing*  
**Bottlebrush:** *see Leaf Drawing*  
**Bracts:** *see Flower Drawing*  
**Bristles:** short stiff hairs  
**Bulb:** a rounded thickened root structure  
**Bur:** a stiff hair that sticks or clings  
**Catkin:** *see Flower Drawing*  
**Chambered:** a natural cavity  
**Clonal:** vegetative growth from a parent plant  
**Clump:** a compact group  
**Compound:** *see Leaf Drawing*  
**Cone:** *see Flower Drawing*  
**Corm:** a rounded thickened root structure  
**Deciduous:** losing foliage once a year  
**Evergreen:** having foliage year-round  
**Fertile:** capable of producing fruit  
**Fissured:** a long narrow crack or opening  
**Fruond:** a large leaf with many divisions  
**Groundcover:** low plants that cover the ground  
**Heart-shaped:** *see Leaf Drawing*  
**Herbaceous:** lacking woody tissue  
**Kidney-shaped:** *see Leaf Drawing*  
**Lance-shaped:** *see Leaf Drawing*

**Leaflet:** *see Leaf Drawing*  
**Leathery:** feeling strong and thick like leather  
**Lobed:** *see Leaf Drawing*  
**Mottled:** having colored spots or blotches  
**Nodes:** *see Stem Drawing*  
**Oblong:** *see Leaf Drawing*  
**Opposite:** *see Stem Drawing*  
**Oval:** *see Leaf Drawing*  
**Paddle-shaped:** *see Leaf Drawing*  
**Palmate:** *see Leaf Drawing*  
**Panicle:** *see Flower Drawing*  
**Parallel:** *see Leaf Drawing*  
**Pear:** *see Leaf Drawing*  
**Persist:** to remain longer than expected  
**Petals:** *see Flower Drawing*  
**Prickles:** a sharp point, *see Stem drawing*  
**Pyramid-shaped:** *see Flower Drawing*  
**Resinous:** sticky, usually aromatic, plant fluid  
**Rhizomes:** underground growing stems  
**Ridged:** formed into a long elevated line  
**Sawtoothed:** *see Leaf Drawing*  
**Scale:** a flattened covering, *see Flower Drawing*  
**Scalloped:** *see Leaf Drawing*  
**Sepals:** *see Flower Drawing*  
**Shrub:** a woody, multi-stemmed plant, 3-16' tall  
**Skeletonize:** reduced to the supportive structure

**Sori:** on ferns, spore producing structures  
**Spike:** *see Flower Drawing*  
**Spikelets:** *see Flower Drawing*  
**Spines:** a stiff pointed part of a plant  
**Spoon-shaped:** *see Leaf Drawing*  
**Stamens:** *see Flower Drawing*  
**Sterile:** unable to reproduce  
 **Succulent:** fleshy tissue that holds moisture  
**Thicket:** a dense growth of shrubs or trees  
**Toothed:** *see Leaf Drawing*  
**Tree:** a woody, usually single-stemmed plant that is over 16' tall  
**Tubular-shaped:** *see Flower Drawing*  
**Umbel:** *see Flower Drawing*  
**Veins:** *see Leaf Drawing*  
**Vine:** a plant whose stems sprawl and climb  
**Whorls:** *see Stem and Leaf Drawings*  
**Winged:** *see Flower Drawing*  
**Wooly:** finely hairy and soft  
**Zig-zag:** *see Stem Drawing*

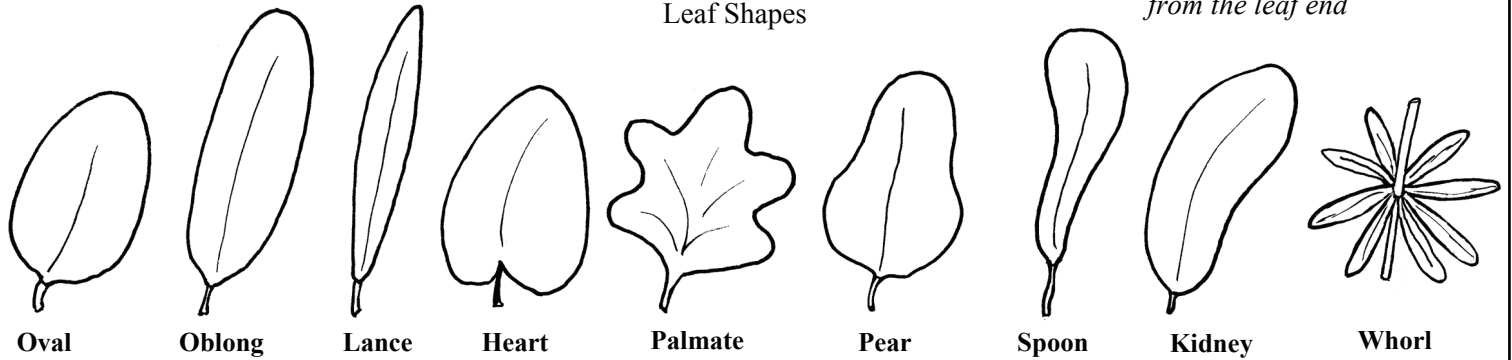
Vocabulary Reference

# Leaf Drawing



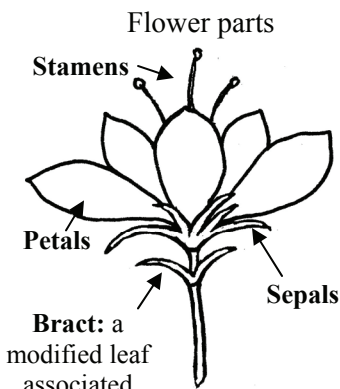
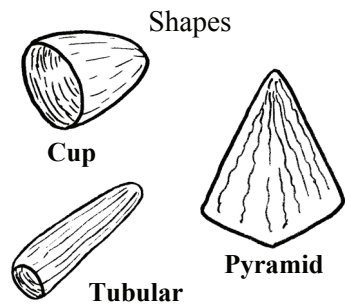
**Compound leaf:**  
*a leaf made up of many smaller leaflets; different from a branch in that no new growth will emerge from the leaf end*

Leaf Shapes

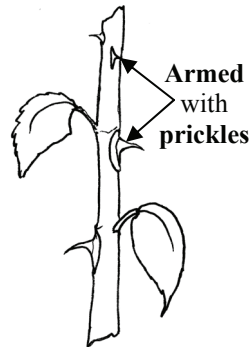


Vocabulary Reference

# Flower Drawing

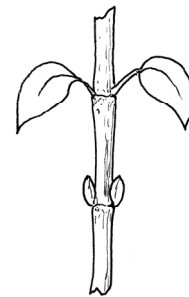


**Bract:** a modified leaf associated with flowers



**Alternate:**  
*branches and leaves emerge alternately along the stem*

# Stem Drawing

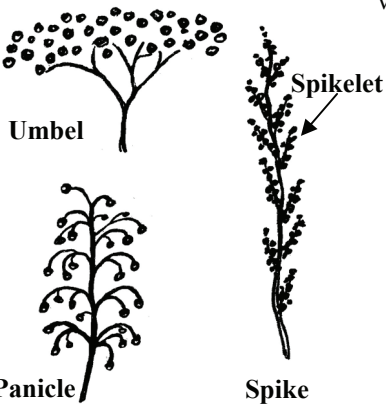


**Opposite:**  
*branches and leaves emerge opposite along the stem*

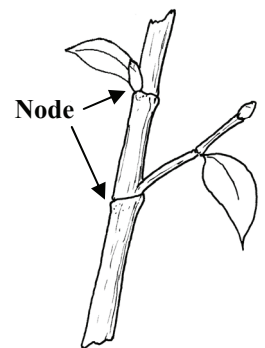
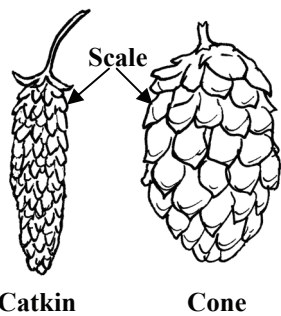


**Bottlebrush:**  
*leaves emerge like a bottlebrush along the stem*

Arrangement



Specialized seed structures



Evergreen

Slender, evergreen shrub grows to 2' tall.



Saucer-shaped flowers are rose-pink and grow in clusters.



Leaves are opposite with a white mid-stripe and edges are rolled under.



Fruits are woody.



PNW Native Plant  
PPNC: 65

# Western Bog Laurel

*Kalmia microphylla*



Underside of lance-shaped leaf is covered with fine white hairs.

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Evergreen

Slender, evergreen shrub grows to 2' tall.



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*Kalmia microphylla*



Underside of lance-shaped leaf is covered with fine white hairs.

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Evergreen

This evergreen shrub grows 2' to 5' tall.



Leaves are lance-shaped with rolled edges and feel leathery to the touch.



Flowers are small, white and numerous in short umbrella-like clusters with protruding stamens.

PNW Native Plant  
PPNC: 66

### Labrador Tea

*Ledum groenlandicum*



Older leaves have dense rust-colored hairs on the underside.

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

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© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous



Leaves are sometimes hairy beneath and arranged opposite.



Fruits are shiny, black twins with purplish-maroon bracts.

PNW Native Plant  
PPNC: 69



Erect deciduous shrub growing 2' to 10' tall in thickets.

Tubular, yellow flowers occur in pairs, cupped by large green to purplish bracts.



## Black Twinberry

*Lonicera involucrata*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

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## Black Twinberry

*Lonicera involucrata*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



Each leaf has ten to seventeen leaflets, up to 5" long, arranged in a whorl.



Fruits are hairy pods up to 2" long, which open to eject seeds.

PNW Native Plant  
PPNC: 195

This herbaceous perennial shrub can grow to 5' tall.



Photography by Heidi Bohan



Photography by Heidi Bohan

Blue to violet flowers grow in clusters on stalks up to 16" long.

### Large-leaved Lupine *Lupinus polyphyllus*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Each leaf has ten to seventeen leaflets, up to 5" long, arranged in a whorl.



Fruits are hairy pods up to 2" long, which open to eject seeds.

PNW Native Plant  
PPNC: 195

This herbaceous perennial shrub can grow to 5' tall.



Photography by Heidi Bohan



Photography by Heidi Bohan

Blue to violet flowers grow in clusters on stalks up to 16" long.

### Large-leaved Lupine *Lupinus polyphyllus*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Deciduous

This herbaceous perennial grows 1'-5' tall.

Photo by Heidi Bohan



The smooth, shiny leaves of this plant can grow to a size of 5' long and 16" wide.

PNW Native Plant  
PPNC: 334



**Swamp Lantern**  
also called Skunk Cabbage  
*Lysichiton americanum*



Numerous small flowers occur on a stalk, which is hooded by a bright yellow bract.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

This herbaceous perennial grows 1'-5' tall.

Photo by Heidi Bohan



The smooth, shiny leaves of this plant can grow to a size of 5' long and 16" wide.

PNW Native Plant  
PPNC: 334



**Swamp Lantern**  
also called Skunk Cabbage  
*Lysichiton americanum*



Numerous small flowers occur on a stalk, which is hooded by a bright yellow bract.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Evergreen



One central vein

Leaves have five to nine, shiny holly-like leaflets which are arranged opposite along the stem. Leaflets have one central vein.



New growth is copper-red.

Photo by Heidi Bohan



This evergreen shrub can grow 3-10' tall.

PNW Native Plant  
PPNC: 95

### Tall Oregon Grape *Mahonia aquifolium*



© Starflower Foundation 2006



Yellow flowers in spring.



Berries in late summer.

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen



One central vein

Leaves have five to nine, shiny holly-like leaflets which are arranged opposite along the stem. Leaflets have one central vein.



New growth is copper-red.

Photo by Heidi Bohan



This evergreen shrub can grow 3-10' tall.

PNW Native Plant  
PPNC: 95

### Tall Oregon Grape *Mahonia aquifolium*



© Starflower Foundation 2006



Yellow flowers in spring.



Berries in late summer.

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Leaves have nine to nineteen toothed leaflets arranged opposite along the stems. The leaflets tend to have three main veins.



Purplish-red leaves in the winter.



This evergreen shrub grows to 1'-2' tall.

The stem and bark are yellow-red.



Yellow flowers are cup-shaped on spikes.



Blue-purple berries in late summer.

### Dull Oregon Grape

*Mahonia nervosa*



PNW Native Plant  
PPNC: 95

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/  
Grass  
Forest  
Prairie  
Meadow  
Wetland  
Riparian



Leaves have nine to nineteen toothed leaflets arranged opposite along the stems. The leaflets tend to have three main veins.



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Blue-purple berries in late summer.

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*Mahonia nervosa*



PNW Native Plant  
PPNC: 95

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/  
Grass  
Forest  
Prairie  
Meadow  
Wetland  
Riparian

This herbaceous perennial groundcover grows 6"-12" tall from rhizomes.

Small white flowers grow on a stalk.



Photo by Heidi Bohan



Berries start out light green with brown mottled spots, eventually turning red.



Photo by Heidi Bohan

The leaves are broad and heart-shaped with parallel veins.

PNW Native Plant  
PPNC: 103

### False Lily of the Valley *Maianthemum dilatatum*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

This herbaceous perennial groundcover grows 6"-12" tall from rhizomes.

Small white flowers grow on a stalk.



Photo by Heidi Bohan



Berries start out light green with brown mottled spots, eventually turning red.



Photo by Heidi Bohan

The leaves are broad and heart-shaped with parallel veins.

PNW Native Plant  
PPNC: 103

### False Lily of the Valley *Maianthemum dilatatum*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen

*Slightly sweet-smelling, evergreen shrub or small tree grows to 20' tall.*



*Aromatic leaves are coarsely toothed on the upper third, have black wax-glands and grow to 3" long.*



*Unusual, red flowers become purple, waxy fruits arranged in clusters along stem.*



PNW Native Plant  
PPNC: 81

**Pacific Wax-myrtle**  
Also called California Wax-myrtle  
*Myrica californica*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen

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PNW Native Plant  
PPNC: 81

**Pacific Wax-myrtle**  
Also called California Wax-myrtle  
*Myrica californica*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

*This sweet-smelling deciduous shrub grows to 5' tall.*

*Tiny greenish fruits occur in cone-like spikes.*



*Leaves are coarsely toothed and dotted above and below with bright yellow wax glands.*

PNW Native Plant  
PPNC: 81

## Sweet Gale

*Myrica gale*



© Starflower Foundation 2006

Deciduous

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

*This sweet-smelling deciduous shrub grows to 5' tall.*

*Tiny greenish fruits occur in cone-like spikes.*



*Leaves are coarsely toothed and dotted above and below with bright yellow wax glands.*

PNW Native Plant  
PPNC: 81

## Sweet Gale

*Myrica gale*



© Starflower Foundation 2006

*This deciduous shrub grows to 16' tall.*



Photo by Heidi Bohan



The leaves have a smooth edge and smell like cucumber when crushed.



Photo by Heidi Bohan

White hanging flower clusters appear with new leaves in late winter.



Photo by Heidi Bohan



Photo by Heidi Bohan

Fruits mature from orange to deep purple.

PNW Native Plant  
PPNC: 72

# Indian Plum

*Oemleria cerasiformis*



Leaf buds in midwinter.

© Starflower Foundation 2006

*This deciduous shrub grows to 16' tall.*



Photo by Heidi Bohan



The leaves have a smooth edge and smell like cucumber when crushed.



Photo by Heidi Bohan

White hanging flower clusters appear with new leaves in late winter.



Photo by Heidi Bohan



Photo by Heidi Bohan

Fruits mature from orange to deep purple.

PNW Native Plant  
PPNC: 72

# Indian Plum

*Oemleria cerasiformis*



Leaf buds in midwinter.

© Starflower Foundation 2006

Deciduous

Freely branching herbaceous perennial grows to 40" tall.



Compound leaves look similar to parsley, with several toothed leaflets.



Photo by Heidi Bohan



Flowers are white and small, arranged in clusters like an umbrella.



Green-maroon colored fruits are barrel-shaped.

Photo by Heidi Bohan

### Pacific Water-parsley

*Oenanthe sarmentosa*



PNW Native Plant  
PPNC: 216

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

Freely branching herbaceous perennial grows to 40" tall.



Compound leaves look similar to parsley, with several toothed leaflets.



Photo by Heidi Bohan



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Green-maroon colored fruits are barrel-shaped.

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*Oenanthe sarmentosa*



PNW Native Plant  
PPNC: 216

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

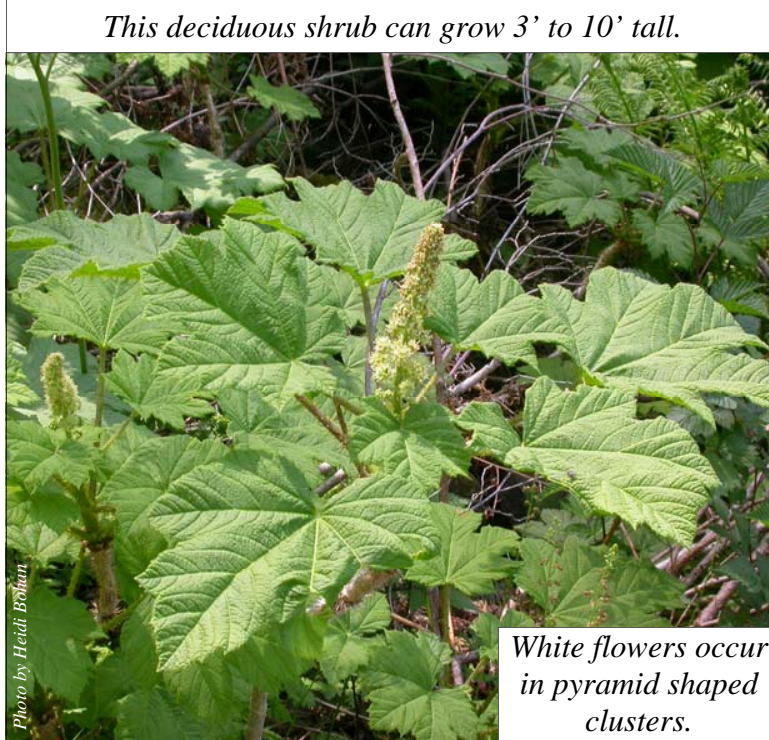
Wetland Riparian



Deciduous



Maple-shaped leaves can reach 12". Stems and leaves are armed with sharp spines.



White flowers occur in pyramid shaped clusters.



Bright, red berries occur in large, showy clusters.



Yellow leaves in fall.

PNW Native Plant  
PPNC: 82

### Devil's Club *Oplopanax horridus*



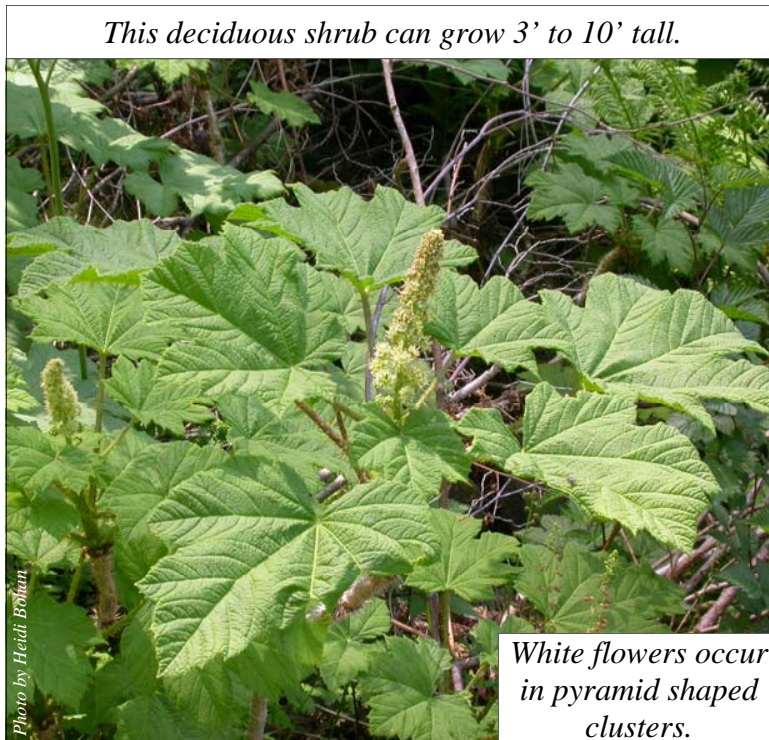
© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Deciduous



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Bright, red berries occur in large, showy clusters.



Yellow leaves in fall.

PNW Native Plant  
PPNC: 82

### Devil's Club *Oplopanax horridus*



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

*This evergreen perennial groundcover forms colonies 6"-12" tall .*



Photo by Heidi Bohan



PNW Native Plant  
PPNC: 315

### Wood Sorrel

*Oxalis oregana*



© Starflower Foundation 2006



*Flowers can be white to pale pink and may have reddish veins.*



*The leaves consist of three heart-shaped leaflets that fold back under stress such as heat or rain.*

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

*This evergreen perennial groundcover forms colonies 6"-12" tall .*



Photo by Heidi Bohan



PNW Native Plant  
PPNC: 315

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© Starflower Foundation 2006



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- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

*Penstemon* species are deciduous to evergreen perennial groundcover shrubs.



*P. serrulatus*

*Penstemon* flowers are tubular with distinct lips and deep throat. They range in color from pink to deep purple blue. They are often edged with scalloped petals.



*P. cusickii*



*P. serrulatus*



*P. procerus*

Photo by Heidi Bohan



Opposite leaves are generally toothed

**Penstemon Species**  
Also called Beard-tongues  
*Penstemon* spp.

PNW Native Plant  
PPNC: 265-267



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

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*P. cusickii*



*P. serrulatus*



*P. procerus*

Photo by Heidi Bohan



Opposite leaves are generally toothed

**Penstemon Species**  
Also called Beard-tongues  
*Penstemon* spp.

PNW Native Plant  
PPNC: 265-267



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous

A deciduous shrub that can grow to 10' tall.



White rounded flower clusters turn into dry seedheads.



Alternate, toothed leaves have three to five deeply veined lobes.



PNW Native Plant  
PPNC: 73

# Pacific Ninebark

*Physocarpus capitatus*



Mature brown-red bark shreds into many layers.



Arching form in winter with dry seedheads.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Forest

Prairie Meadow

Prairie Meadow

Wetland Riparian

Wetland Riparian

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Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Forest

Prairie Meadow

Prairie Meadow

Wetland Riparian

Wetland Riparian

This evergreen tree grows 200' tall.

Main branches are horizontal, with drooping branchlets.

Bark is thin, reddish brown, with 'puzzle-piece' scales.



Sharp, stiff, blue-silver needles are arranged in a bottlebrush.



Photo by Heidi Bohan



Photo by Heidi Bohan



Photo by Heidi Bohan



Reddish-brown seed cones are 3"- 6" long, with thin, wavy, irregularly toothed scales.

# Sitka Spruce

*Picea sitchensis*

PNW Native Plant  
PPNC: 37



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

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Photo by Heidi Bohan



Photo by Heidi Bohan



Photo by Heidi Bohan

# Sitka Spruce

*Picea sitchensis*

PNW Native Plant  
PPNC: 37



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

Evergreen



Leaflets have a thumb where they attach to the stem. Round sori are arranged in two lines on the back of the leaflets, turning brown in fall.



This evergreen fern grows in clumps that can reach 5' tall and 6' wide.



PNW Native Plant  
PPNC: 421

## Sword Fern

*Polystichum munitum*

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Evergreen



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PNW Native Plant  
PPNC: 421

## Sword Fern

*Polystichum munitum*

© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Deciduous



Photo by Heidi Bohan

Resinous, scented buds in winter.



Photo by Heidi Bohan

Bark is light grayish brown and ridged.

This deciduous tree can grow up to 150' tall.



Fall color

PNW Native Plant  
PPNC: 46

# Black Cottonwood

*Populus balsamifera ssp. trichocarpa*



Leaves are shiny and heart-shaped, with finely toothed edges.



Photo by Heidi Bohan

Flower catkins turn into capsules which release hairy seeds that float through the air (below).



Photo by Heidi Bohan



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Deciduous



Photo by Heidi Bohan

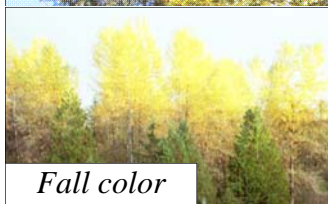
Resinous, scented buds in winter.



Photo by Heidi Bohan

Bark is light grayish brown and ridged.

This deciduous tree can grow up to 150' tall.



Fall color

PNW Native Plant  
PPNC: 46

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Leaves are shiny and heart-shaped, with finely toothed edges.



Photo by Heidi Bohan

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Photo by Heidi Bohan



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

*This deciduous tree can grow up to 75' tall, and often occurs in clonal stands from underground roots .*



*Round, pointed and round-toothed leaves are attached to the stem with a flattened leaf stalk, which allows leaves to tremble in the wind.*



*Leaves turn yellow in the fall.*

PNW Native Plant  
PPNC: 46

### Quaking Aspen *Populus tremuloides*

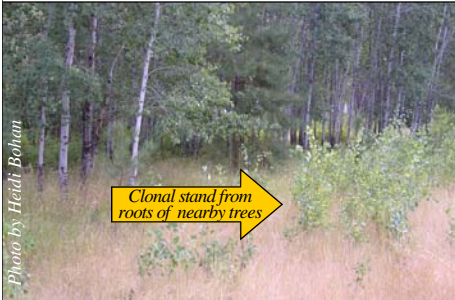
*Smooth, waxy bark is distinctively whitish to green-gray. Black branch scars appear to look like eyes.*



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

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PNW Native Plant  
PPNC: 46

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*Smooth, waxy bark is distinctively whitish to green-gray. Black branch scars appear to look like eyes.*



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian





Yellow flowers are single and carried on a leafless stalk.



Leaves grow in basal clumps and are made up of many smaller toothed leaflets. They are woolly and silver-white underneath.



This herbaceous perennial groundcover grows to 12" tall and spreads by long runners.



PNW Native Plant  
PPNC: 186

### Pacific Silverweed

*Potentilla anserina* ssp. *pacifica*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



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PNW Native Plant  
PPNC: 186

### Pacific Silverweed

*Potentilla anserina* ssp. *pacifica*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous

An herbaceous perennial that grows 16" - 42" tall in clumps.

Basal leaves are compound with 7-9 leaflets radiating from a central point, each deeply toothed.



Stem leaves attach directly to the stem and have 3-5 leaflets.

### Graceful Cinquefoil

*Potentilla gracilis*



© Starflower Foundation 2006



Five-petaled flowers occur in clusters at the end of stems.



The seed pods are five-sided capsules.

PNW Native Plant  
PPNC: 186

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

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### Graceful Cinquefoil

*Potentilla gracilis*



© Starflower Foundation 2006



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PNW Native Plant  
PPNC: 186

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

White flowers form clusters of 5-10.



Photo by Heidi Bohan

This deciduous tree can grow up to 45' tall, singly or in stands.



Photo by Heidi Bohan



Photo by Heidi Bohan

Leaves are oval and finely toothed. They are usually rounded at the tip and finely hairy.

Bark is shiny purple to reddish-brown or grey with pronounced horizontal lines.



Photo by Heidi Bohan

Fruits are small (3/8"), bright red cherries.



Photo by Heidi Bohan

PNW Native Plant  
PPNC: 48

### Bitter Cherry *Prunus emarginata*



Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

White flowers form clusters of 5-10.



Photo by Heidi Bohan

This deciduous tree can grow up to 45' tall, singly or in stands.



Photo by Heidi Bohan



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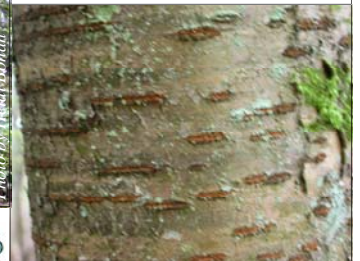


Photo by Heidi Bohan

Fruits are small (3/8"), bright red cherries.



Photo by Heidi Bohan

PNW Native Plant  
PPNC: 48

### Bitter Cherry *Prunus emarginata*



Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

This evergreen tree can reach 210' tall.



Photo by Heidi Bohan

Green to reddish-brown cones have bracts that protrude from under scales like a 'mousetail.'



Mature bark is dark brown, rough, and grooved. Young bark is green-brown and smooth.

Needles are arranged like a bottlebrush with brown buds.

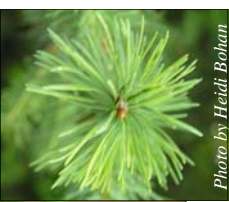


Photo by Heidi Bohan



PNW Native Plant  
PPNC: 32

### Douglas Fir

*Pseudotsuga menziesii*



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

This evergreen tree can reach 210' tall.



Photo by Heidi Bohan

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Needles are arranged like a bottlebrush with brown buds.



Photo by Heidi Bohan



PNW Native Plant  
PPNC: 32

### Douglas Fir

*Pseudotsuga menziesii*



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

Deciduous

*Herbaceous perennial that can reach 10'.*



Fiddleheads emerge from colonies of underground rhizomes.



Photo by Heidi Bolan



Photo by Heidi Bolan

Deciduous leaves turn yellow-rust color in fall.



Solitary fronds on branched stalks have triangular, hairy blades.



Photo by Heidi Bolan

PNW Native Plant  
PPNC: 420

# Bracken Fern

*Pteridium aquilinum*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

*Herbaceous perennial that can reach 10'.*



Fiddleheads emerge from colonies of underground rhizomes.



Photo by Heidi Bolan



Photo by Heidi Bolan

Deciduous leaves turn yellow-rust color in fall.



Solitary fronds on branched stalks have triangular, hairy blades.



Photo by Heidi Bolan

PNW Native Plant  
PPNC: 420

# Bracken Fern

*Pteridium aquilinum*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

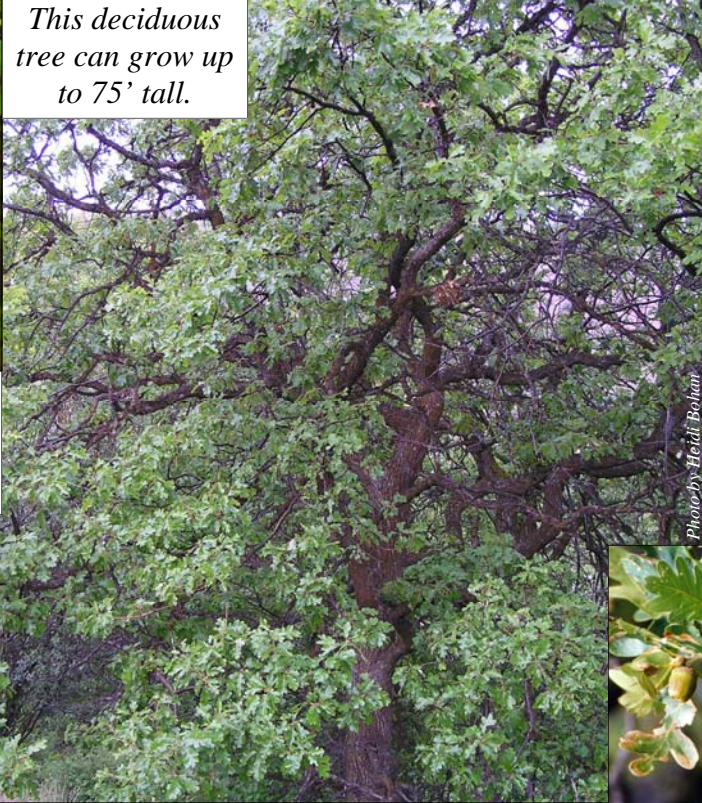
Prairie Meadow

Wetland Riparian

*This deciduous tree can grow up to 75' tall.*



*Leaves are deeply round-lobed, shiny above and hairy beneath, turning yellow in fall.*



*Male and female catkin flowers grow on separate trees.*

*Acorns change from green to brown before falling to the ground.*



*Light-grey bark has deep grooves and ridges.*

PNW Native Plant  
PPNC: 50

# Garry Oak

*Quercus garryana*



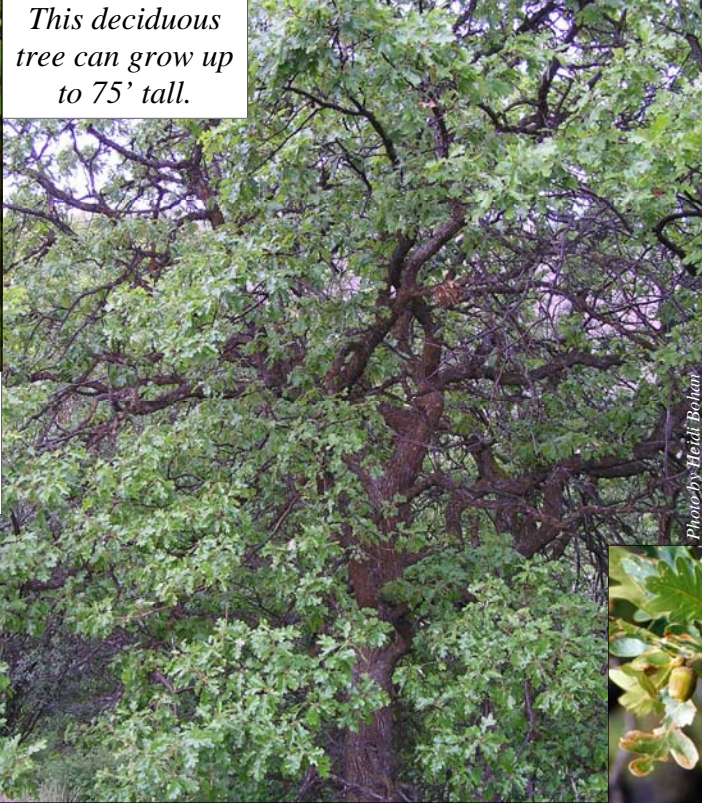
© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

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*Male and female catkin flowers grow on separate trees.*

*Acorns change from green to brown before falling to the ground.*



*Light-grey bark has deep grooves and ridges.*

PNW Native Plant  
PPNC: 50

# Garry Oak

*Quercus garryana*



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



Shiny yellow flowers have 5 petals, though sometimes up to 8.



Photo by Heidi Bohan

This herbaceous perennial grows 6"-24" tall and spreads by runners.



Photo by Heidi Bohan

Leaves are generally divided into three deeply cut lobes.



Stems and leaves are hairy.



Photo by Heidi Bohan

### Western Buttercup *Ranunculus occidentalis*

PNW Native Plant  
PPNC: 176



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Shiny yellow flowers have 5 petals, though sometimes up to 8.



Photo by Heidi Bohan

This herbaceous perennial grows 6"-24" tall and spreads by runners.



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Photo by Heidi Bohan

### Western Buttercup *Ranunculus occidentalis*

PNW Native Plant  
PPNC: 176



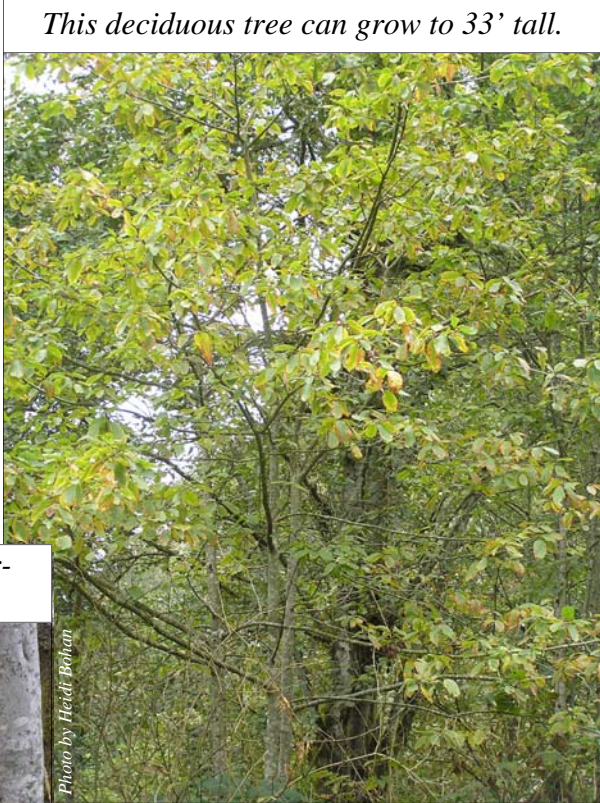
© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Photo by Heidi Bohan

Alternate leaves are oblong with deep-grooved veins that look like a washboard.



This deciduous tree can grow to 33' tall.

Photo by Heidi Bohan

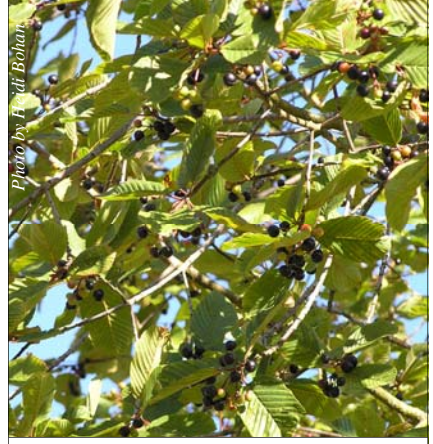


Photo by Heidi Bohan

Berries are blue-black to purplish-black.



Photo by Heidi Bohan

Small greenish-yellow flowers grow in clusters.



Photo by Heidi Bohan

Mottled silver-grey bark.

PNW Native Plant  
PPNC: 90

# Cascara

*Rhamnus purshiana*

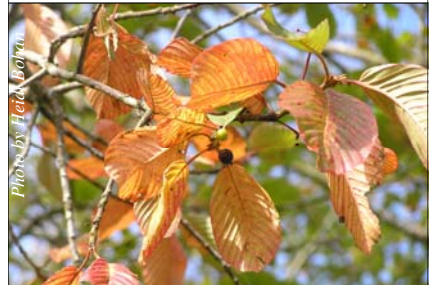


Photo by Heidi Bohan

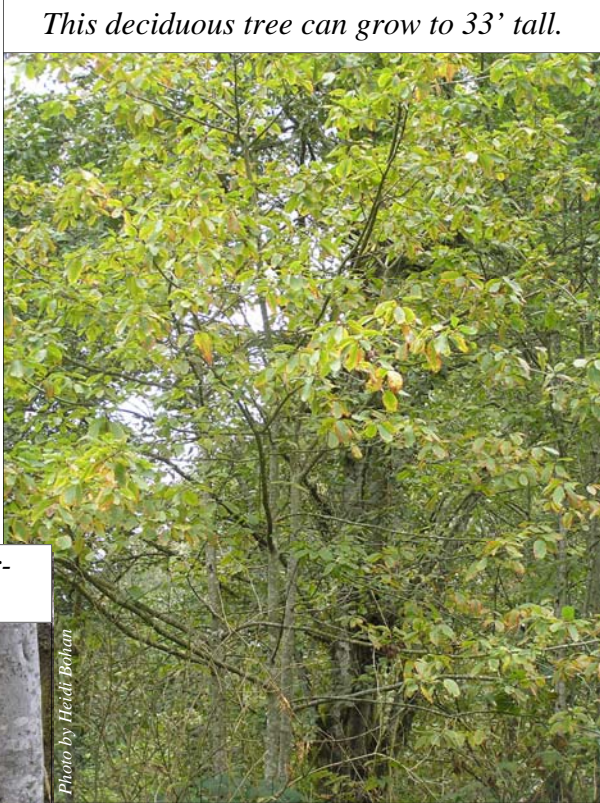
Leaves turn yellow-orange to rust-red in fall.

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



Photo by Heidi Bohan

Alternate leaves are oblong with deep-grooved veins that look like a washboard.



This deciduous tree can grow to 33' tall.

Photo by Heidi Bohan

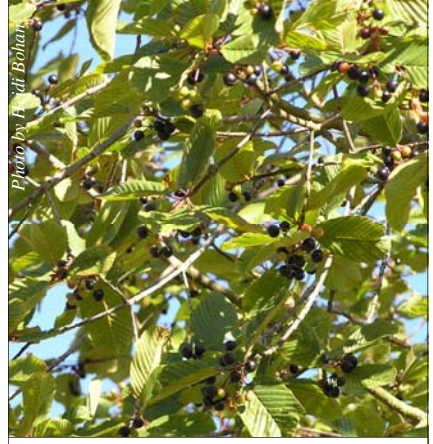


Photo by Heidi Bohan

Berries are blue-black to purplish-black.



Photo by Heidi Bohan

Small greenish-yellow flowers grow in clusters.



Photo by Heidi Bohan

Mottled silver-grey bark.

PNW Native Plant  
PPNC: 90

# Cascara

*Rhamnus purshiana*

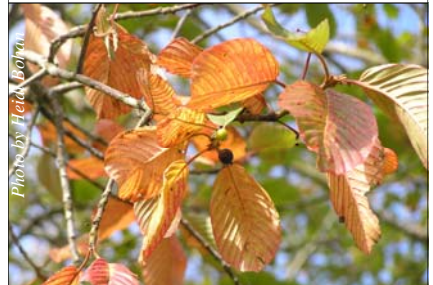


Photo by Heidi Bohan

Leaves turn yellow-orange to rust-red in fall.

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



Deciduous



Pink-red flowers hang in clusters.



A deciduous shrub that grows 3'-10' tall.



Leaves have five lobes and toothed edges.



Smooth to hairy stems are reddish brown.

Leaves turn color in fall.

Berries have fine hairs, and are blue-black with a white powder.



Photo by Heidi Bohan

PNW Native Plant  
PPNC: 84

### Red Flowering Currant

*Ribes sanguineum*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous



Pink-red flowers hang in clusters.



A deciduous shrub that grows 3'-10' tall.



Leaves have five lobes and toothed edges.



Smooth to hairy stems are reddish brown.

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Photo by Heidi Bohan

PNW Native Plant  
PPNC: 84

### Red Flowering Currant

*Ribes sanguineum*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

*This deciduous shrub grows to 3'-4' tall.*



*Although young stems may be unarmed, older stems will have numerous straight prickles.*

*There are 5-9, toothed leaflets on each leaf.*

*The rose hips follow 5-petaled pink flowers. The orange-red hips are smooth with no sepals.*

PNW Native Plant  
PPNC: 74

**Baldhip Rose**  
*Rosa gymnocarpa*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

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PNW Native Plant  
PPNC: 74

**Baldhip Rose**  
*Rosa gymnocarpa*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous



Winter stems are orange to red. Thorns occur at nodes along the stem, usually at the base of leaves or branches.



This deciduous shrub can grow up to 15' tall.



Photo by Heidi Boliian

Photo by Heidi Boliian

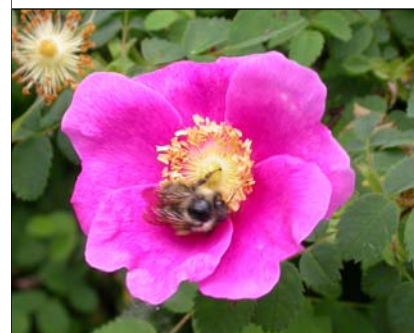


PNW Native Plant  
PPNC: 74

### Nootka Rose *Rosa nutkana*

Leaves have five to seven, toothed leaflets.

Pink flowers are usually single, not clustered.



Purplish-red rose hips are round to pear-shaped and occur singly. Sepals are clearly present.



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous



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© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

*This deciduous shrub can grow up to 10' tall.*



Photo by Heidi Bohan

*Leaves have 7 leaflets, and more finely toothed edges than Nootka rose.*



Photo by Heidi Bohan



Photo by Heidi Bohan

### Clustered Wild Rose

PNW Native Plant  
PPNC: 74

*Rosa pisocarpa*



Photo by Heidi Bohan



Photo by Heidi Bohan

Sepals

*Flowers and rose hips occur in clusters of 4-20 at stem ends.*

*Hips have sepals present.*

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

*This deciduous shrub can grow up to 10' tall.*



Photo by Heidi Bohan

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Photo by Heidi Bohan



Photo by Heidi Bohan

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PNW Native Plant  
PPNC: 74

*Rosa pisocarpa*



Photo by Heidi Bohan



Photo by Heidi Bohan

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© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

*This deciduous shrub grows 2'-10' tall.*

Photo by Heidi Bohan



*The zig-zag stems are thornless.*



*White flower petals look like crinkled tissue paper.*



*Cup-shaped fruits are red and look like raspberries.*



*The soft, hairy leaves resemble a maple leaf and have three to seven lobes.*

PNW Native Plant  
PPNC: 77

### **Thimbleberry** *Rubus parviflorus*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

*This deciduous shrub grows 2'-10' tall.*

Photo by Heidi Bohan



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PNW Native Plant  
PPNC: 77

### **Thimbleberry** *Rubus parviflorus*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



Leaves are sharply toothed with three leaflets and prominent veins.



Stems are orange-brown and may be armed with prickles.

This deciduous shrub grows in thickets to 8' tall.



PNW Native Plant  
PPNC: 76

### Salmonberry *Rubus spectabilis*



© Starflower Foundation 2006



Pink to red flowers on zig-zag stems. These are followed by yellow to orange-colored fruit.



- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



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PNW Native Plant  
PPNC: 76

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© Starflower Foundation 2006



Pink to red flowers on zig-zag stems. These are followed by yellow to orange-colored fruit.



- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen

This evergreen groundcover trails along the ground and into shrubs and small trees.



Flowers are white to pinkish.  
Red-purple berries are 1/2" long and cylindrical.



Long, spreading stems are lime-green to grey in color with curved prickles. Leaves are toothed and divided into three leaflets.

### Trailing Blackberry also called Dewberry *Rubus ursinus*

PNW Native Plant  
PPNC: 78



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

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PNW Native Plant  
PPNC: 78



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian



Mature bark is rough and ridged; new bark is smooth.



Young plants may form thickets.

Deciduous tall shrub or tree up to 36' tall.



PNW Native Plant  
PPNC: 88

### Pacific Willow

*Salix lucida* ssp. *lasiandra*



Leaves are lance-shaped with finely toothed edges and arranged alternately along stem. Young stems are yellow to yellow-brown.



Yellowish, hairy catkins form in spring.

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



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© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian





Photo by Heidi Bohan

Catkins form on last year's branches and open into hairy stalks 1"-2" long.



Photo by Heidi Bohan

This deciduous tall shrub or multi-stemmed small tree can reach 6'-36' tall.



Photo by Heidi Bohan

Paddle-shaped leaves are alternate, broad and wider above the middle, and velvety beneath, especially when young.



Photo by Heidi Bohan

Twigs are densely velvety.

PNW Native Plant  
PPNC: 89

### Scouler's Willow

*Salix scouleriana*



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



Photo by Heidi Bohan

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Photo by Heidi Bohan

Twigs are densely velvety.

PNW Native Plant  
PPNC: 89

### Scouler's Willow

*Salix scouleriana*



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

Deciduous



Photo by Heidi Bohan

Arching growth habit.

Deciduous shrub to small tree that grows 12'-20' tall.



Photo by Heidi Bohan

White flower clusters are shaped like a pyramid.

Flowers are soon followed by clusters of red berries.



Leaves have five to seven, sharply-toothed leaflets.



# Red Elderberry

*Sambucus racemosa*

PNW Native Plant  
PPNC: 70



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous



Photo by Heidi Bohan

Arching growth habit.

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PNW Native Plant  
PPNC: 70



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

This herbaceous perennial grows in colonies from rhizomes and reaches 8'-10' tall.



Photo by Heidi Bohan



Photo by Heidi Bohan



Photo by Heidi Bohan

Flowers and seeds occur at the end of stalks in scaly, oval spikelets.

Stiff stems are round and taper from 3/4" diameter to pointed tips, which carry the seedheads.

PNW Native Plant  
PPNC: 404

## Hardstem Bulrush

Also called Tule  
*Scirpus acutus*



Photo by Heidi Bohan

A similar species, called Softstem Bulrush, has softer stems and reddish-brown seed heads.

*Scirpus validus*

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

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Photo by Heidi Bohan



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Photo by Heidi Bohan

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*Scirpus validus*

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

This herbaceous perennial grows in large clumps 4'-6' tall.



Photo by Heidi Bohan

A dense, basal clump of narrow leaves surrounds rigid, leafy stalks.



Photo by Heidi Bohan

Hairy seeds are in clusters of spikelets at stalk ends.



Photo by Heidi Bohan

PNW Native Plant  
PPNC: N/A

### Wool-grass

*Scirpus cyperinus* (or *S. atrocinctus*)



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

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Photo by Heidi Bohan

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PPNC: N/A

### Wool-grass

*Scirpus cyperinus* (or *S. atrocinctus*)



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

Deciduous

Perennial grass-like plant that grows 3'-5' tall in dense stands.



Leaves are 1/2" wide and folded in a v-shape, and grow from the base and along the stalks.



Hard seeds are in clustered spikelets at the end of triangular stalks.



### Small-fruited Bulrush *Scirpus microcarpus*

PNW Native Plant  
PPNC: 405



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

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PNW Native Plant  
PPNC: 405



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous



Tiny, white flowers form clusters in umbrella-shaped heads.



This herbaceous perennial can grow 20" - 48" tall.



Upright, branching form with leaves that are divided into 7-15 leaflets that are saw-toothed, and lance-shaped.



Seeds form in umbels.

PNW Native Plant  
PPNC: 215

### Water-parsnip

*Sium suave*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

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PPNC: 215

### Water-parsnip

*Sium suave*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



The plant is branchless with a single stalk.



Leaves are smooth, oval and have distinctive parallel veining.



PNW Native Plant  
PPNC: 100

Photo by Heidi Bohan



White flower clusters only occur at the end of the stem.



The green to red mottled fruits are round and occur in clusters.

Photo by Heidi Bohan

# False Solomon's Seal

*Smilacina racemosa*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



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Photo by Heidi Bohan



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Photo by Heidi Bohan

# False Solomon's Seal

*Smilacina racemosa*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Deciduous

This herbaceous perennial grows 6"-12" tall and forms colonies.



The leaves are lance-shaped with parallel veins.

PNW Native Plant  
PPNC: 100

### Star-flowered False Solomon's Seal *Smilacina stellata*



There are 5-10 star-shaped flowers produced at the end of unbranched zig-zag stems.



The unusual berries are greenish to blue and striped with purple or blue.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

This herbaceous perennial grows 6"-12" tall and forms colonies.



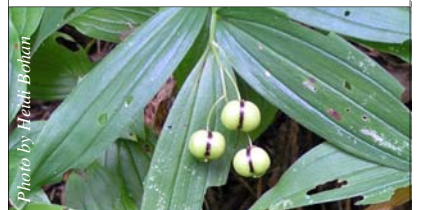
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PNW Native Plant  
PPNC: 100

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© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



Deciduous



Lance-shaped leaves have saw-toothed edges.



New growth forming colonies from rhizomes.

This herbaceous perennial grows 16"-60" tall.



PNW Native Plant  
PPNC: 289

### Canada Goldenrod

*Solidago canadensis*



Dense, pyramid-shaped yellow flower cluster is followed by a fluffy seedhead.



© Starflower Foundation 2005

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous



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PNW Native Plant  
PPNC: 289

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*Solidago canadensis*



Dense, pyramid-shaped yellow flower cluster is followed by a fluffy seedhead.



© Starflower Foundation 2005

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

A deciduous shrub that grows in thickets about 6' tall.



Reddish-brown stems are highly branched.



Alternate, oval leaves are toothed above the middle.



**Douglas Spirea**  
Also called Hardhack  
*Spirea douglasii*

PNW Native Plant  
PPNC: 81

© Starflower Foundation 2006



Spires of pink- purple flowers turn into seedheads that persist.



Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

A deciduous shrub that grows in thickets about 6' tall.



Reddish-brown stems are highly branched.



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**Douglas Spirea**  
Also called Hardhack  
*Spirea douglasii*

PNW Native Plant  
PPNC: 81

© Starflower Foundation 2006



Spires of pink- purple flowers turn into seedheads that persist.



Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



Photo by Heidi Bohan

Tubular flowers are arranged on stem ends.



Photo by Heidi Bohan

Nutlets form in dry seed cases.

This herbaceous perennial grows 24"-60" tall from rhizomes.



Photo by Heidi Bohan



Photo by Heidi Bohan

Leaves are opposite, and heart to egg-shaped with round-toothed edges and have an unusual smell.



Photo by Heidi Bohan

The unbranched stem is square. Leaves and stems are hairy but do not have stingers (as does stinging nettle, a similar species).



### Cooley's Hedge Nettle

*Stachys cooleyae*

PNW Native Plant  
PPNC: 247

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Photo by Heidi Bohan

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*Stachys cooleyae*

PNW Native Plant  
PPNC: 247

© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



Photo by Heidi Bohain

Leaves are opposite with edges that may be smooth or lobed.



This deciduous shrub grows 24" - 60" tall, and grows in clumps from rhizomes.



PNW Native Plant  
PPNC: 70

**Snowberry**  
*Symphoricarpos albus*



Tiny (1/4"), bell-shaped flowers are pink to white.



White berries persist through the winter, eventually turning black.



© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian



Photo by Heidi Bohain

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© Starflower Foundation 2006

Tree  
Shrub  
Ground cover  
Forbs/ Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Leaf needles are flat, ending in a fine point, and are attached to the stem with a thin stalk.



Photo by Heidi Bohan

This evergreen shrubby tree grows to 40'.



Photo by Heidi Bohan



Photo by Heidi Bohan

The red fruits are a primitive cone with a single seed surrounded by fleshy cup.



Photo by Heidi Bohan



### Western Yew *Taxus brevifolia*

PNW Native Plant  
PPNC: 40

© Starflower Foundation 2006

Bark is reddish, scaly and shreddy.

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

Leaf needles are flat, ending in a fine point, and are attached to the stem with a thin stalk.



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PNW Native Plant  
PPNC: 40

© Starflower Foundation 2006

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Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

This herbaceous perennial grows 16" - 40" tall.



Photo by Heidi Bohann

Plants grow in basal clumps.



Photo by Heidi Bohann



Photo by Heidi Bohann

White to pinkish cup-shaped flowers are fringed with 5-10 fine, frilly petals.

Leaves are heart-shaped with rounded, hairy lobes.



Photo by Heidi Bohann

**Fringecup**  
*Tellima grandifolia*

PNW Native Plant  
PPNC: 167



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

This herbaceous perennial grows 16" - 40" tall.



Photo by Heidi Bohann

Plants grow in basal clumps.



Photo by Heidi Bohann



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Leaves are heart-shaped with rounded, hairy lobes.



Photo by Heidi Bohann

**Fringecup**  
*Tellima grandifolia*

PNW Native Plant  
PPNC: 167



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen



Arching boughs spread in a J-shape.



Leaves are flat and scaly, arranged in a braid-like pattern.



# Western Red Cedar

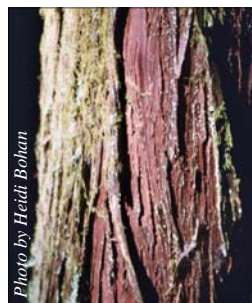
*Thuja plicata*

PNW Native Plant  
PPNC: 42

© Starflower Foundation 2006



Green to brown cones are 1/2" and oval, with 8-12 scales.



Bark is reddish-gray, and shreds in long strips.

Tree  
Shrub  
Ground cover  
Forbs/Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Evergreen



Arching boughs spread in a J-shape.



Leaves are flat and scaly, arranged in a braid-like pattern.



# Western Red Cedar

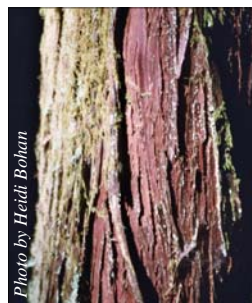
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PNW Native Plant  
PPNC: 42

© Starflower Foundation 2006



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Tree  
Shrub  
Ground cover  
Forbs/Grass  
Forest  
Prairie Meadow  
Wetland Riparian

Deciduous

This herbaceous perennial grows in colonies 8"-30" tall from rhizomes .

Tiny, delicate white flowers on stalks appear in a 'foam' over plants.



Photo by Heidi Bohan



Photo by Heidi Bohan



Photo by Heidi Bohan

Leaves are divided into three leaflets that are toothed and lobed.

PNW Native Plant  
PPNC: 168

# Foamflower

*Tiarella trifoliata*



The seed capsules open into scoop shapes.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Deciduous

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PNW Native Plant  
PPNC: 168

# Foamflower

*Tiarella trifoliata*



The seed capsules open into scoop shapes.

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian





Flowers are brownish-purple with four petals with long ribbons, and are arranged in a long cluster.



Leaves are heart-shaped with toothed pointed lobes.

Photo by Heidi Bohan

Photo by Heidi Bohan

This herbaceous perennial grows 16"-60" tall.



Piggyback spreads in colonies from rhizomes and leaf buds at the base of leaves which form new daughter plants.

**Piggyback Plant**  
Also called Youth-on-Age  
*Tolmiea menziesii*

PNW Native Plant  
PPNC: 168



© Starflower Foundation 2005

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Forest

Prairie Meadow

Prairie Meadow

Wetland Riparian

Wetland Riparian



Flowers are brownish-purple with four petals with long ribbons, and are arranged in a long cluster.

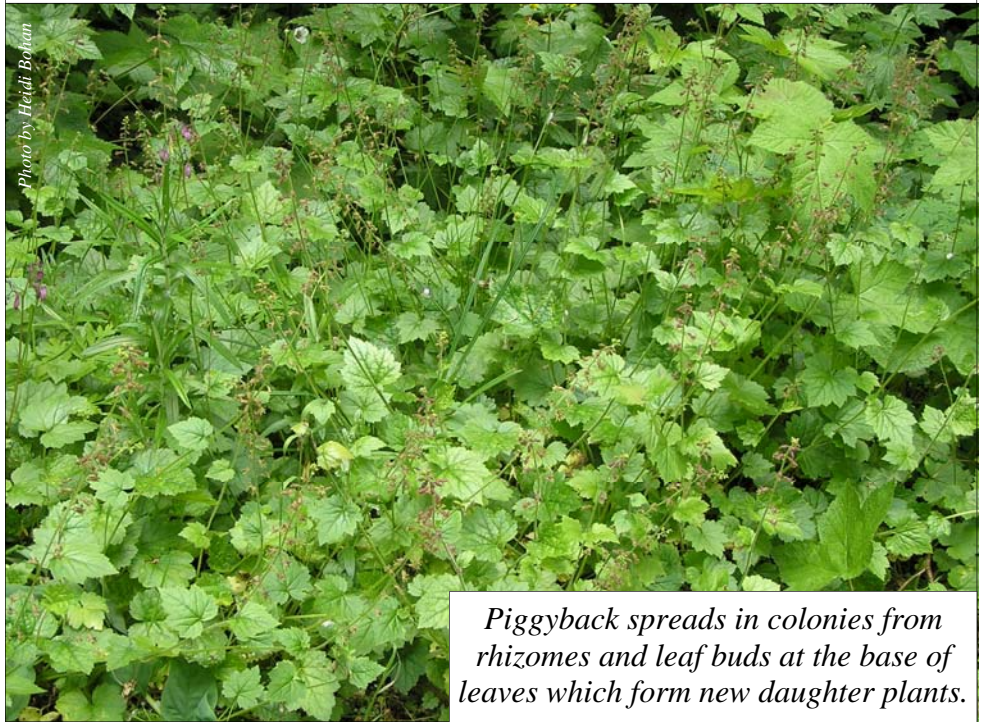


Leaves are heart-shaped with toothed pointed lobes.

Photo by Heidi Bohan

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© Starflower Foundation 2005

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Forest

Prairie Meadow

Prairie Meadow

Wetland Riparian

Wetland Riparian

*This herbaceous perennial grows 4"-8" tall from tiny tubers.*



Photo by Heidi Bohan

*Four to eight pointed, egg-shaped leaves are arranged in whorls on slender stems.*



Photo by Heidi Bohan

*The deciduous leaves persist well into winter.*



Photo by Heidi Bohan



Photo by Heidi Bohan

*Star-shaped, pink to white flowers with 5-9 petals on long slender stalks.*



Photo by Heidi Bohan

*Seed capsules are tiny and split into 5 parts when dry.*

PNW Native Plant  
PPNC: 322

### Western Starflower *Trientalis latifolia*



© Starflower Foundation 2006

Tree

Shrub

Ground cover  
Forbs/  
Grass

Forest

Prairie  
Meadow

Wetland  
Riparian

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Photo by Heidi Bohan

*Four to eight pointed, egg-shaped leaves are arranged in whorls on slender stems.*



Photo by Heidi Bohan

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*Star-shaped, pink to white flowers with 5-9 petals on long slender stalks.*

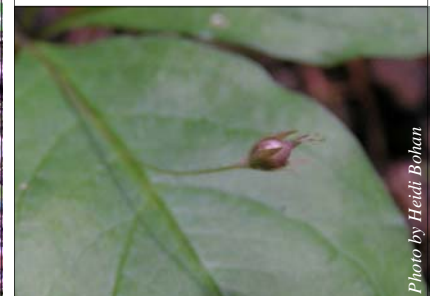


Photo by Heidi Bohan

*Seed capsules are tiny and split into 5 parts when dry.*

PNW Native Plant  
PPNC: 322

### Western Starflower *Trientalis latifolia*



© Starflower Foundation 2006

Tree

Shrub

Ground cover  
Forbs/  
Grass

Forest

Prairie  
Meadow

Wetland  
Riparian

*This herbaceous perennial grows up to 16" tall and occurs singly from a fleshy rhizome.*



Photo by Heidi Bohan

Triangular, smooth leaves are arranged in whorls of three (sometimes five) and grow to 7" long.

Three-sided seed capsule sits above three sepals, and opens into numerous seeds.



Photo by Heidi Bohan



Photo by Heidi Bohan

Three-petaled flowers change from white to purple as they age.

### Western Trillium

*Trillium ovatum*



PNW Native Plant  
PPNC: 102

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

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Photo by Heidi Bohan

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### Western Trillium

*Trillium ovatum*



PNW Native Plant  
PPNC: 102

© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian



Western hemlock has a distinctive drooping leader which is visible from a distance.

This evergreen tree grows 180' tall.



Brown cones are 3/4" long with open scales. New bud growth occurs in spring.

PNW Native Plant  
PPNC: 30

### Western Hemlock

*Tsuga heterophylla*



© Starflower Foundation 2006



Feathery, drooping boughs.



Needles vary from 1/4"-5/8" long and lay flat along stem.

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



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Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



New shoots in spring.

This herbaceous perennial grows 3-10' feet tall, from rhizomes, and grows singly or forms dense colonies.



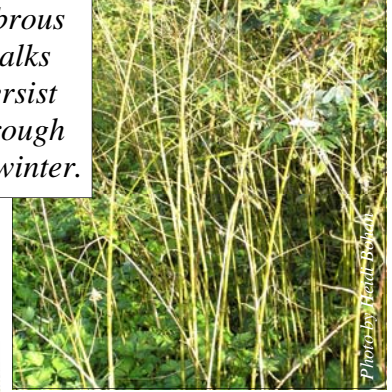
Stems and leaves are armed with stingers that cause painful irritation. Flower clusters form at leaf nodes along the stem and turn into seeds.



Saw-toothed leaves are arranged opposite and are lance to heart-shaped.



Fibrous stalks persist through the winter.



PNW Native Plant  
PPNC: 309

### Stinging Nettle *Urtica dioica*



© Starflower Foundation 2006

- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian



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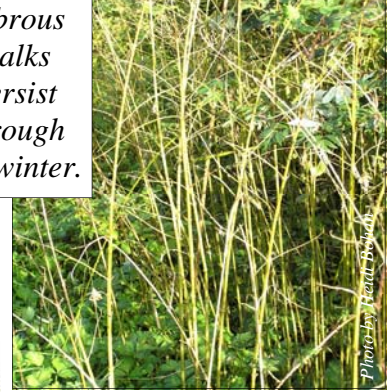
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PNW Native Plant  
PPNC: 309

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© Starflower Foundation 2006

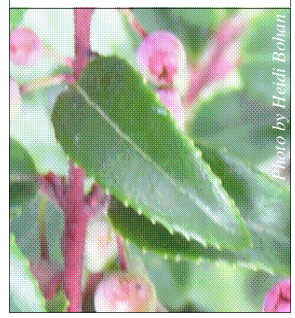
- Tree
- Shrub
- Ground cover
- Forbs/ Grass
- Forest
- Prairie Meadow
- Wetland Riparian

Evergreen

This evergreen shrub grows 4'-10' tall.



New growth is coppery red. Mature leaves are leathery, shiny and toothed.



Bell-shaped flowers are pink.



Berries turn deep purple to black and last into winter.

PNW Native Plant  
PPNC: 59

### Evergreen Huckleberry *Vaccinium ovatum*



© Starflower Foundation 2006

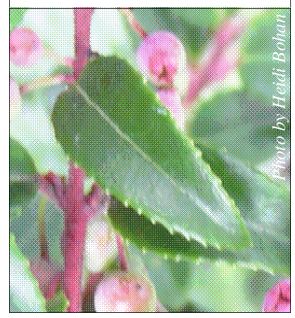
Tree
Shrub
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© Starflower Foundation 2006

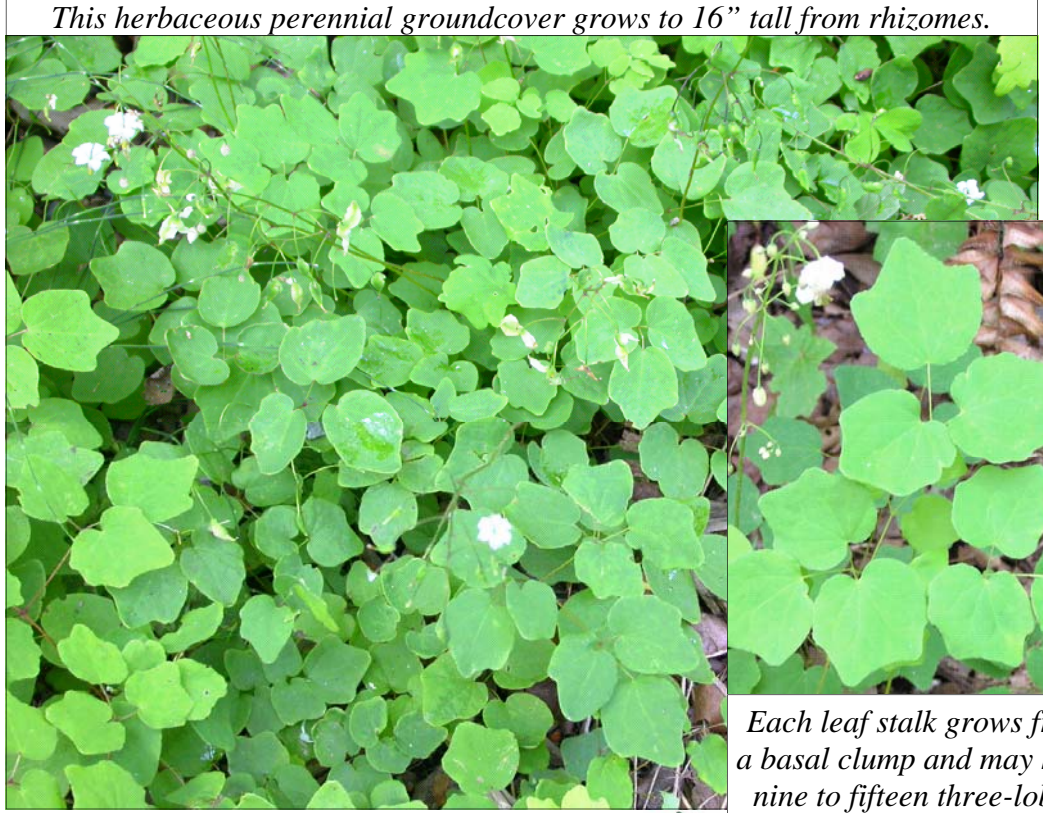
Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian



White flowers with six petals bent backwards are born in clusters on fine stalks .



Tiny seeds are black.



This herbaceous perennial groundcover grows to 16" tall from rhizomes.



Each leaf stalk grows from a basal clump and may have nine to fifteen three-lobed heart-shaped leaflets.

PNW Native Plant  
PPNC: 312

### Inside-out Flower *Vancouveria hexandra*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

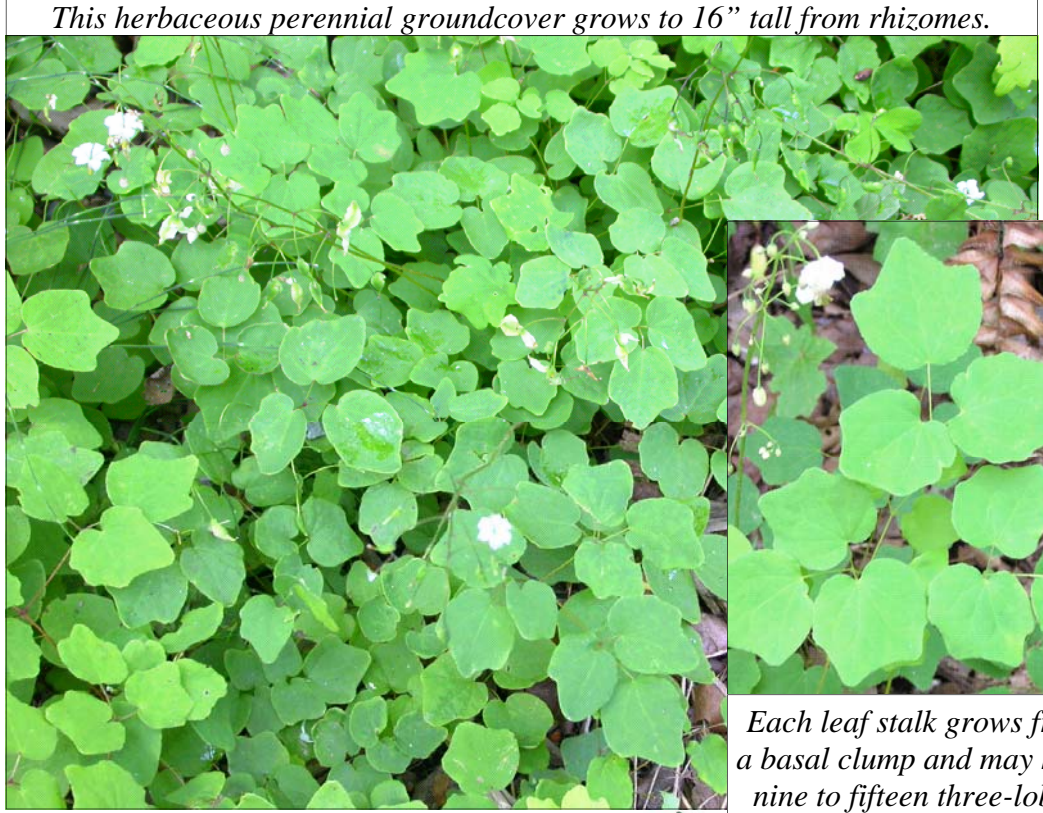
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PNW Native Plant  
PPNC: 312

### Inside-out Flower *Vancouveria hexandra*



© Starflower Foundation 2006

Tree

Shrub

Ground cover

Forbs/ Grass

Forest

Prairie Meadow

Wetland Riparian

Violets have heart shaped, toothed leaves, and distinctive flowers with 5 petals and a spur. There are many Pacific Northwest native species.

Photo by Heidi Bohan



*Viola glabella*

Yellow Wood Violet is herbaceous, and grows to 12" tall.

Photo by Heidi Bohan

Photo by Heidi Bohan



*Viola sempervirens*

Evergreen Violet forms mats of shiny evergreen leaves, and reaches 4-6" tall.



*Viola adunca*

Spur

Early Blue Violet is herbaceous and reaches 4"-6" tall with purple flowers.

**Violet Species**  
*Viola* spp.

PNW Native Plant  
PPNC: 201-204



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian

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PPNC: 201-204



© Starflower Foundation 2006

Tree
Shrub
Ground cover
Forbs/ Grass
Forest
Prairie Meadow
Wetland Riparian