

## Pacifica and Forestfarm Nursery

**Leaders:** Ray and Peg Prag. Founders of Pacifica, owners of Forestfarm Nursery.

**Difficulty:** Easy      **Elevation Gain:** 0

**Description:** For those with a horticultural inclination, participants on this excursion will see many native plants in several habitats; it will be an easy-going day with no strenuous walking necessary. Websites: [pacificagarden.org](http://pacificagarden.org), [forestfarm.com](http://forestfarm.com)

9:00-10:00. Join a hike on one or more of Pacifica's mostly level trails (1 to 2 miles in length), OR relax by the man-made waterfall, OR take the short tours mentioned below.

10:00-11:00. Tour Pacifica's new Western Native plant garden with a horticulturist who can describe the plants to you, as well as help with native landscaping questions. There will be handouts.

Take a tour of Pacifica: a non-profit committed to establishing and maintaining a botanic garden, nature center and educational facilities that support enjoyable hands-on learning: about plants and the environment, about music and the arts. 540 Acres. [Brochure attached.](#)

Visit The Caterpillar, Pacifica's mobile nature-science center that takes programs, including those about our native flora and fauna, to up to 7000 kids/yr. [Brochure attached.](#)

11:00-12:00+/- Bring a picnic lunch (or arrange for one ahead of time) to eat by the waterfall or in the "great room" of Steve Miller's old studio, if possible.

12:00-2:00+/- Tour Forestfarm Nursery: though the nursery is generally only mail-order and not open to the public, you will have the option to buy plants IF you want. Begun as a native plant nursery, Forestfarm still grows 300-400 kinds of Western native plants, although now raising over 4000 other kinds of plants from around the world.

2:00-4:00+/- Car caravan on forest gravel roads over the Siskiyou Mountains between Williams and Selma, stopping to see *Q. chrysolepis*, *Q. vaccinifolia*, *Q. sadleriana*, *Chrysolepis chrysophylla*, *Pinus attenuata* and *P. lambertiana*, and lots of other mid-elevation (4,000 ft.) native trees and shrubs; perhaps lilies and azaleas will still have some flowers. Return to Selma in time to relax before the banquet.

**General Driving Directions:** From Selma: Hwy 199 to Wilderville, Fish Hatchery Road to Murphy, turn onto Hwy 238 continue another 5 miles to a blinking speed light and two 90 turns in the highway; instead of taking the second turn (to the left), go straight onto Water Gap Rd (there is a fire station on the right and a sign that points to Williams); go straight for 2.3 miles; you'll see Pacifica's gate on the left. Welcome!

**Start Time:** 8:15 am

**RT Mileage:** 60 miles



**PRELIMINARY INVENTORY of PLANTS at PACIFICA**

**NATIVE TREES**

- Abies grandis (Grand Fir)
- Acer macrophyllum (Big-Leaf Maple)
- Alnus rhombifolia (White Alder)
- Arbutus menziesii (Madrone)
- Calocedrus decurrens (Incense Cedar)
- Fraxinus latifolia (Oregon Ash)
- Pinus attenuata (Knobcone Pine)
- Pinus lambertiana (Sugar Pine)
- Pinus ponderosa (Ponderosa Pine)
- Populus balsamifera trichocarpa (Black Cottonwood)
- Pseudotsuga menziesii (Douglas-fir)
- Quercus chrysolepis (Canyon Live Oak)
- Quercus garryana (Oregon white Oak)
- Quercus kelloggii (California Black Oak)
- Taxus brevifolia (Pacific Yew)

---

**NATIVE SHRUBS and VINES**

- Amelanchier alnifolia (Serviceberry)
- Arctostaphylos viscida (Whiteleaf Manzanita)
- Berberis /Mahonia aquifolium (Oregon Grape)

Ceanothus cuneatus (Buckbrush)  
Ceanothus integerrimus (Deerbrush)  
Ceanothus sanguineus (Redstem Ceanothus)  
Cercocarpus betuloides (Mountain-Mahogany)  
Clematis ligusticifolia (Western Virgin's Bower)  
Cornus sericea (Red-Twig Dogwood)  
Corylus cornuta californica (W.Filbert)  
Garrya fremontii (Silk Tassel)  
Holodiscus discolor (Ocean Spray)  
Lonicera ciliosa (Orange Honeysuckle)  
Lonicera hispidula vacillans (Pink Honeys.)  
Philadelphus lewisii (Western Mock Orange)  
Physocarpus capitatus (Western Ninebark)  
Prunus virginiana demissa (Western Chokecherry)  
Rhamnus purshiana (Cascara)  
Ribes lobbii or cruentum ? (Gooseberry)  
Rosa nutkana (Nootka Rose)  
Rubus parviflorus (Thimbleberry)  
Rubus ursinus (Trailing Blackberry)  
Salix sp? (Willow)  
Sambucus caerulea (Blue Elderberry)  
Smilax californica  
Spiraea douglasii menziesii (Western Spirea)  
Symphoricarpos albus laevigatus (Snowberry)  
Symphoricarpos mollis (Creeping Snowberry)  
Toxicodendron (Rhus) diversiloba (Poison Oak)  
Vitis californica (Wild Grape)

---

#### **NON-NATIVE SHRUBS & VINES**

Rosa canina (Dog Rose)  
Rosa eglanteria (Sweetbriar Rose)  
Rubus discolor (Himalayan Blackberry)  
Rubus laciniatus (Cut-leaved Blackberry)

---

#### **NATIVE FORBS/HERBS**

Allium amplexans ? (Paper Onion)  
Amsinckia menziesii (Fiddleneck)  
Antennaria argentea? (Pussy Toes)  
Apocynum androsaemifolium (Bitter Dogbane)  
Aquilegia formosa (Western Columbine)  
Arnica spathulata?/discoidea?  
Balsamorhiza deltoidea (Deltoid Balsamroot)

Boschniakia strobilacea (Calif. Ground-cone)  
Calochortus tolmei (Cat's Ear)  
Camassia leichtlinii (Camas)  
Campanula prenanthoides (California Bluebell)  
Castilleja tenuis? (Owl Clover)  
Castilleja applegatei (Applegate Indian Paintbrush)  
Chlorogalum pomeridianum (Soap Plant)  
Clarkia purpurea (Winecup Clarkia)  
Claytonia perfoliata (Miner's lettuce)  
Collinsia parviflora (Blue-Eyed Mary)  
Collinsia grandiflora  
Collinsia sparsiflora  
Collomia heterophylla  
Cynoglossum grande (Houndstongue)  
Delphinium nuttallianum ? (Meadow Larkspur)  
Dichelostemma capitatum (Blue Dicks)  
Dodecatheon hendersonii (Shooting Star)  
Draba verna  
Eriogonum ternatum (Wild Buckwheat)  
Eriophyllum lanatum (Woolly Sunflower)  
Erythronium hendersonii (Henderson's Fawn Lily)  
Fragaria virginiana (Wild Strawberry)  
Fritillaria affinis (Checker Lily)  
Fritillaria gentneri ?  
Fritillaria recurva (Scarlet Fritillary)  
Galium aparine (Creeping Bedstraw)  
Geum macrophyllum  
Hieracium albiflorum (White Hawkweed)  
Hieracium scouleri (Scouler's Hawkweed)  
Iris chrysophylla (Yellow Iris)  
Lathyrus sulphureus (Sulphur Pea)  
Linanthus bicolor (Baby Stars)  
Lithophragma affine (Woodland Star)  
Lomatium triternatum?  
Lomatium utriculatum  
Lupinus bicolor (Miniature Lupine)  
Lupinus leucophyllus (Silver Lupine)  
Lupinus sp?  
Micropus californicus (Slender Cottonweed)  
Microseris sp?  
Mimulus cardinalis (Scarlet Monkeyflower)  
Mimulus guttatus (Monkeyflower)  
Monardella odoratissima (Coyote Mint)  
Mysotis laxa? (Forget-me-not)  
Navarretia intertexta ssp intertexta ?  
Nemophila parviflora

## **Pacifica Plant List – Native Forbs Continued**

Orobanche uniflora (Naked Broom-rape)  
Osmorhiza chilensis (Sweet Cicely)  
Pedicularis densiflora (Indian Warrior)  
Penstemon laetus v. sagittatus (Gay Penstemon)  
Piperia unalascaensis (Alaska Habenaria)  
Phlox speciosus (Showy Phlox)  
Plagiobothrys nothofulvis (Popcorn Flower)  
Potentilla glandulosa (Sticky Cinquefoil)  
Ranunculus canus (Little Buttercup)  
Ranunculus glaberrimus  
Ranunculus occidentalis (Buttercup)  
Sanicula bipinnatifida (Purple Shoe Buttons)  
Sanicula crassicaulis (Pacific Snakeroot)  
Sanicula graveolens  
Saxifraga sp?  
Scutellaria antirrhinoides (Scullcap)  
Senecio sp?  
Sidalcea malvaeflora (Checker Mallow)  
Silene hookeri (Hooker's pink)  
Trifolium willdenovii (Tomcat Clover)  
Trillium albidum (White Trillium)  
Triteleia hendersonii (Henderson's Stars)  
Triteleia hyacinthina (White Brodiaea)  
Verbena lasiostachys v. lasiostachys (W. Verbena)  
Vicia americana v. americana (American Vetch)  
Wyethia glabra (Mule's Ears)  
Zigadenus venenosus v. venenosus (Death Camas)

---

## **NON-NATIVE FORBS**

Achillea millefolium (Yarrow)  
Agoseris heterophylla (Woodland Agoseris)  
Astragalus accidens (Milkvetch)  
Brassica nigra (Black Mustard)  
Calandrinia ciliata (Redmaids)  
Capsella bursa-pastoris (Shepherd's Purse)  
Cardamine oligosperma / C. californica? (Milk Maids/ Toothwort)  
Centaurea solstitialis (Yellow Starthistle)  
Chamomillia suaveolens (Pineapple Weed)  
Cichorium intybus (Chicory)  
Cirsium arvense (Bull Thistle)  
Daucus carota (Queen Anne's Lace)  
Erodium cicutarium (Filaree / Stork's Bill)  
Geranium molle

Horkelia congesta ssp nemorosa  
Hypericum perforatum (Klamathweed/St. Johnswort)  
Hypochaeris radicata (Cat's Ear)  
Madia madioides (Woodland Tarweed)  
Madia minima? (Tarweed)  
Mentha spicata v spicata (Spearmint)  
Plantago lanceolata (English Plantain)  
Prunella vulgaris (Self-Heal)  
Rumex crispus (Curly Dock)  
Sisymbrium officinale (Hedge Mustard)  
Stellaria media (Chickweed)  
Torilis arvensis  
Tragopogon dubius (Goat's Beard)  
Tragopogon porrifolius (Salsify)  
Trifolium repens (White Dutch Clover)  
Valerinella locusta (Corn-Salad)  
Verbascum blattaria (Moth Mullein)  
Verbascum thapsus (Mullein)  
Veronica arvensis  
Veronica persica  
Vicia sativa (Common Vetch)

---

#### **NATIVE GRASSES/GRASS-LIKE SPECIES**

Bromus carinatus (California Brome)  
Bromus laevipes (Woodland Brome)  
Carex sp?  
Danthonia californica (Calif. Oatgrass)  
Elymus elymoides (Blue Wildrye)  
Elymus glaucus (Squirreltail)  
Festuca californica (California Fescue)  
Festuca idahoensis/?roemeri (Idaho Fescue)  
Juncus sp?  
Koeleria macrantha (Junegrass)  
Luzula sp?

---

#### **NON-NATIVE GRASSES**

Avena fatua (Wild Oats)  
Aira caryophyllea (Silver European Hairgrass)  
Briza minor  
Bromus diandrus (Ripgut Brome)  
Bromus hordeaceus (Soft Chess)  
Bromus tectorum (Cheat Grass)  
Cynodon dactylon (Bermuda Grass)  
Cynosurus echinatus (Hedgehog Dogtail)

Dactylis glomerata (Orchard Grass)  
Festuca arundinacea (Tall Fescue)  
Gastridium ventricosum (Nitgrass)  
Hordeum murinum (Mediterranean Barley/Foxtail)  
Lolium multiflorum (Italian Ryegrass)  
Lolium perenne (Perennial Ryegrass)  
Phalaris aquatica (Harding Grass)  
Phleum pratense (Cultivated Timothy)  
Poa bulbosa (Bulbous Bluegrass)  
Poa pratensis (Kentucky Bluegrass)  
Polypogon monspeliensis (Beardgrass/Rabbit's foot grass)  
Taeniatherum caput-medusae (Medusahead grass)  
Vulpia myuros v. myuros (Rattail Fescue)

---



Students learn to identify rock and mineral formations during their visit to the caterpillar.

### Our Goals

- Provide hands-on learning through an on-site field trip
- Teach the steps of scientific inquiry providing opportunities for experimentation
- Inspire the excitement of science through informative, stimulating displays and activities
- Increase knowledge of our local flora, fauna and ecology
- Provide children a connection with the natural world

### Schedule a Visit!

To schedule a visit to your school or group please or additional information contact:

Vanessa Martinez 541.621.6278

or email: butterflyvm@hotmail.com

If you would like to support the Caterpillar, donations can be made to:

*Pacifica: A Garden in the Siskiyou*

P.O. Box One, Williams, OR 97544

541.846.1100

[www.pacificagarden.org](http://www.pacificagarden.org)



### A Very Special Thank You:

*Affordable RV & Auto*

*Betty M. Allen*

*Concrete Structures LLC*

*Cow Creek Umpqua Indian Foundation*

*Exhibitron*

*Grants Pass Rotary Foundation*

*Ham's Body Shop*

*Home Valley Bank*

*Institute of Museum and Library Services*

*Judy Mullens*

*Lee Price, Pacifica Board Member*

*OWEB*

*Ray & Peg Prag, Board Members*

*Trust Management Services*

---

**"With very little money you are providing a million dollars worth of education and inspiration."  
- Applegate Elementary School**

---

The Caterpillar is an educational outreach program from *Pacifica: A Garden in the Siskiyou*. *Pacifica* is a nonprofit 501(c)(3) Located on 540 acres (420 privately conserved, 120 in shared use with the Bureau of Land Management) being developed as a education-based nature center, botanical garden and community center.

Come visit us:

14615 Water Gap Rd. Williams, OR 97544

#### **Pacifica's Mission:**

*Pacifica: A Garden in the Siskiyou* is a nonprofit 501(c)(3) corporation committed to establishing and maintaining a botanic garden, nature center and education facility that supports and promotes the conservation and study of plants and the environment, while providing space for a variety of community activities, services and needs.



# Caterpillar

*"The only hands-on mobile earth science lab available to elementary schools in the Rogue Valley!"*



**Proudly Presented by  
*Pacifica: A Garden in the Siskiyou***





Riverside Elementary students board the Caterpillar for their lesson while staff members Vanessa and Michael assist them.

### What is The Caterpillar?

The Caterpillar is a unique 32' mobile science and nature center traveling to local events and elementary schools since 2001. The Caterpillar has been providing natural science lessons to Josephine and Jackson county schools, serving over 7,000 students annually. Our programs provide participants with hands-on activities and supporting displays linked to our curriculum. Through science-based inquiry, these programs foster the joys of learning about science and our natural world. The Caterpillar provides schools with changing displays and scientific equipment that might not otherwise be available to students. Our dedicated and enthusiastic staff is comprised of retired educators, scientists, early childhood education specialists, and an expert in regional natural science, with over 50 years of teaching combined.



Pacifica in Williams, Oregon is the home of The Caterpillar.

### School Programs

The Caterpillar schedules visits to elementary schools once a year with a new theme annually. The curriculum has been developed to support Oregon Science benchmarks in an appropriate format for different age groups.

After an introduction, students rotate among stations equipped with hands-on activities related to the current curriculum. Students in second through fifth grades each receive a journal with activity sheets to complete during the Caterpillar's visit, with additional worksheets that can be completed in the classroom or at home.

School contributions are 1/3 of the operating costs; grants and donations are instrumental in funding our programs. The Caterpillar can serve four classes a day, breaking down the costs per class. Please contact the Caterpillar Crew for current fee structures.



After all students visit each station, the lessons are summarized with questions and answers before they return to their classrooms.

### Examples

Programs the Caterpillar has presented over the past several years include: "Cycles," "Rocks'n'Roots," "Night & Day," "Adaptations," "Riddles in Biodiversity," "The Wonders of Water," "Invisible Waves," and "Land of Y: Scientific Experimentation."

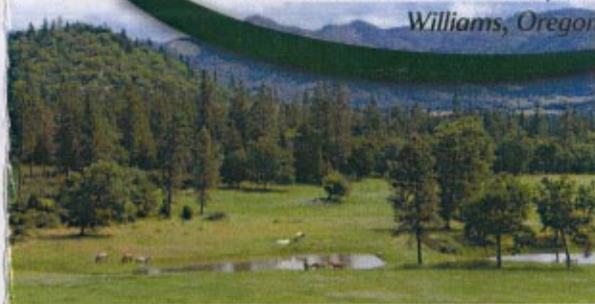
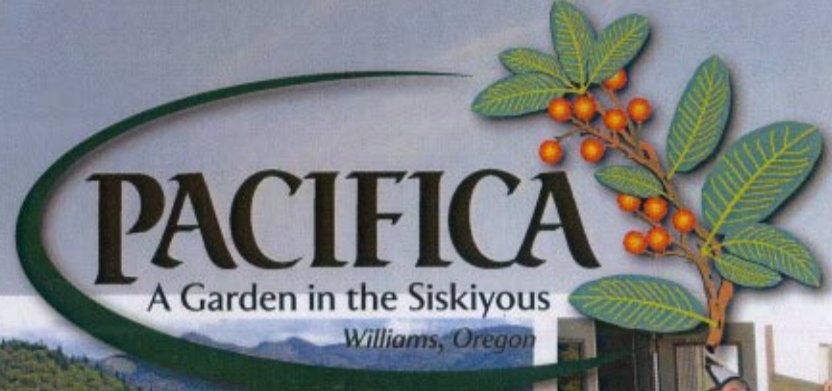


Students study at the soils station with Caterpillar staff member Michael, where they learn about organic layers and how worms play an extra special role in our environment.

### Events

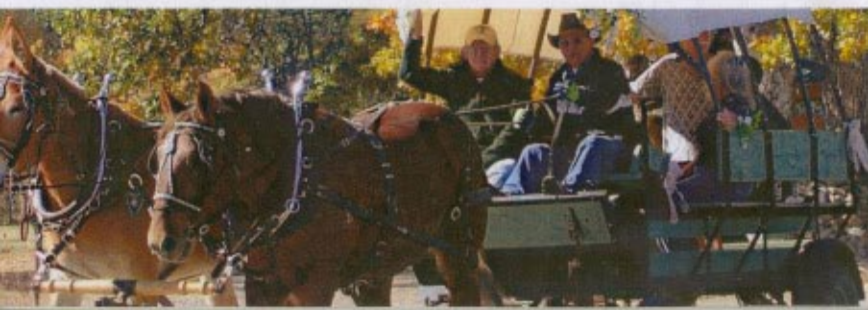
The Caterpillar has developed a wide-ranging and challenging collection of simple, fun, yet educational activities to share with "kids of all ages," adults enjoy them as well.

Current events include: Frog O' Faire, Walk on the Rogue, Earth Day, Kids Day at "The Farm," Josephine County Master Gardeners Fair, and the Bear Creek Watershed Symposium. Also school and youth group field trips can be arranged to the Caterpillar's home, Pacifica in Williams. We also offer two weeks of summer nature camp each year at Pacifica.



*P*acifica: A Garden in the Siskiyou is an education-based non-profit committed to establishing a botanic garden, nature center and educational facilities that support enjoyable, hands-on learning about plants, the environment, music and the arts. Located on 540 acres (420 of its own plus 120 neighboring shared BLM acres) between Grants Pass and Medford, Oregon, Pacifica Garden was established as a 501(c)(3) non-profit in 1999.

Historically, Pacifica Garden is part of the almost-intact original Simon Messenger homestead. The land that has been grazed (100-200 acres) will one day be our **botanic garden**; that which has natural vegetation will be left natural for our **nature center and hiking**. The buildings (a large building and **recording studio built by rock musician Steve Miller** and a large house built by artist Sally Wagner Lippincott) will be used for **community and artistic events**. This wealth of potential activities is designed to include people of all ages from southern Oregon and beyond. 🍃



An Education-Based Non-profit  
 committed to enjoyable, hands-on learning about  
 plants, the environment, music and the arts

14615 Watergap Road  
 Williams, Oregon 97544

541.846.1100  
[pacificagarden.org](http://pacificagarden.org)



The **BOTANIC GARDEN**, a living interpretive museum, has begun with a native plant garden and rock garden. In the coming years, it will be expanded with Forestfarm's 6,000 taxa. Our hope is to make it a place to learn about plants and maintain genetic resources - a plant ark! **Forestfarm Nursery** (one of the foremost mail-order nurseries in the country) and its employment positions are in the process of being donated to Pacifica to provide a small financial base for Pacifica as well as opportunities for horticultural training. 🌿



For 10 years "**THE CATERPILLAR**", a unique mobile science and nature center (with antennae and eyes on the front!) has been taking programs to budget-tight local schools, serving up to 6,000 children a year (depending on funding). Our programs have the enthusiastic encouragement of local school districts and are carefully aligned with state goals and standards. The Caterpillar's programs inspire children to become caretakers, appreciators, and scientists of our natural world. It has become a highly-visible, mobile "billboard," saying loud and clear, "**science and nature are fun AND important.**" 🌿



About half of Pacifica's 500 acres, a substantially unaltered native habitat, has become a **NATURE CENTER** for study, observation and hiking on **several miles of trails**. Because of its size and placement, Pacifica encompasses many habitats (including riparian, mixed conifer forest, oak savannah and chaparral), supporting a wide variety of plants and birds (over 100 species and counting!). This natural area will be supplemented by a Siskiyou display where additional plants from southwest Oregon will be grown to give a visual voice to this very special flora. 🌿

The **PACIFICA ARTS GUILD**, a cooperative center for supporting functional, visual, literary and performing arts in southern Oregon, offers opportunities for artists and artists-to-be to share education, marketing and creation. In addition to offering classes, we hold a Winter Craft Festival every year. Currently, an Outdoor Art Museum is under construction to provide another, slightly different venue for local artists to show and sell their work and for viewers to discover the beauty of nature for themselves and learn to equate it with art. 🌿

# Nature Trail

Old Growth Blm Trail



YOU ARE HERE



TRAIL NAME	LENGTH	DIFFICULTY LEVEL
Top of the Knob Trail	.5 mile	Moderate
Camp Meeting Creek Trail	.75 mile	Easy?
Pine Glen Loop Trail	2.2 mile?	Easy
Meadow Walk Trail	.6 mile	Easy

## Top of the Knob Trail:

This trail will take you through Douglas Firs and Madrone into a forest of huge Manzanita and wonderful mountain views.

## Camp Meeting Creek Trail:

This trail is named for the Camp Meetings which used to be held in the meadows below it. You'll get mountain views as well as views of wetlands and forest habitat on this trail.

## Pine Glen Loop and Meadow Walk trails:

Take a delightful walk through a variety of habitats: Douglas-Fir and Madrone, pine grove, meadow land and oak savannah. Each area has its own distinctive wildflowers at different times of the year.