

Noyes Property Plant Research

Field Biology

Working individually, and using your own paper, use information on the internet to help you do the following for each plant listed:

1. Make a sketch of the plant part specified.
2. Describe the soil moisture conditions in which the plant prefers to grow – extremely moist soil, moderately moist soil, or relatively dry soil.
3. Write down two interesting ecological / scientific facts about the plant (for example, alder trees can add nitrogen to the soil).
4. Identify the plant as native or non-native to the Willamette Valley.

A great resource for information about these plants is the USDA Plant Database: <http://plants.usda.gov/>. Another great site is OSU's horticulture department: <http://oregonstate.edu/dept/ldplants/>.

Common Name	Scientific Name	Part to Sketch
Vine Maple	<i>Acer circinatum</i>	<i>Leaf</i>
Big Leaf Maple	<i>Acer macrophyllum</i>	<i>Leaf</i>
Alder	<i>Alnus rubra</i>	<i>Leaf</i>
Camas	<i>Camassia quamash</i>	<i>Flower</i>
Hawthorne	<i>Crataegus douglasii</i>	<i>Branch (include thorns)</i>
Blue Ryegrass	<i>Elymus glaucus</i>	<i>Seed head</i>
Oregon Ash	<i>Fraxinus latifolia</i>	<i>Leaf</i>
Cow Parsnip	<i>Heracleum lanatum</i>	<i>Entire plant</i>
Common Rush	<i>Juncus effusus</i>	<i>Seed head</i>
Osoberry	<i>Oemleria cerasiformis</i>	<i>Leaf</i>
Douglas Fir	<i>Pseudotsuga menziesii</i>	<i>Cone</i>
Poison Oak	<i>Rhus diversiloba</i> or <i>Toxicodendron diversilobum</i>	<i>Leaf</i>
Trailing Blackberry	<i>Rubus ursinus</i>	<i>Leaf</i>
Pacific Sanicle	<i>Sanicula crassicaulis</i>	<i>Leaf</i>
Small-fruited Bullrush	<i>Scirpus microcarpus</i>	<i>Entire plant</i>
Snowberry	<i>Symphoricarpus albus</i>	<i>Branch (include leaves and berries)</i>
Teasel	<i>Dipsacus foliolosus</i>	<i>Seed head</i>
Thistle	<i>Cirsium arvense</i>	<i>Entire plant</i>
Himalayan Blackberry	<i>Rubus discolor</i>	<i>Leaf</i>
Bedstraw	<i>Galium aparine</i>	<i>Entire plant</i>