

COMMON NAME – THE IMPORTANT FACTS

Family Name

Scientific Name

Shape - Tall and thin or bushy? Branches low to the ground or not? Branches curving upwards or downwards, etc.

Leaves - Fine or coarse foliage, stomatal bloom or no bloom? Leaves alternate or opposite, composition simple or compound? If needles, spirally arranged or distinctly two-ranked? Leave pointed or sharp? Scar left when needle removed?

Cones/Flowers - Size, shape, texture. Age for cone bearing? Distinct features?

Bark - Color, texture, distinct features.

Distinguishing Features - Quick ways to identify this species in the field.

Range - Geographic range? How much space does your species need?

Preferred Environmental Conditions - Pioneer or climax species? What plants precede or replace this species in the successional progression? Preferred habitat and elevation? Shade tolerant? Optimal rainfall? Soil preference?

Associated Animal/Plant/Fungi Species - What life forms (birds, insects, animals, etc.) utilize on this tree for shelter, food, etc.? How does this tree benefit other life forms? Describe any unique relationships.

Fire Ecology - Describe the influence of fire on the health and maintenance of this species.

Potential Threats - What are the environmental threats to this species?

Human Uses - Modern and aboriginal uses?

New Vocabulary? - Define some terms used to describe your tree that are new or unique (in the Manual of Oregon Trees and Shrubs).

Interesting Facts - Optional. For example, is your species a state tree, or valuable in the timber industry?

Other Suggested Topics For Inclusion - Hints for how to remember the scientific name of the species, sketches of distinct features, pictures, rhymes, poems, etc.

Note:

- The depth and breadth of information included in the above categories will be dependent on your topic. Some areas will lend themselves to greater detail than others. The goal is to be thorough yet concise.
- You must hand out one of these sheets to each student and assistant leader in your group, AND the course instructor.