

Vocabulary List Plants

Botanist- a scientist who studies plants, including flowering plants and plant-like things, such as moss and seaweed.



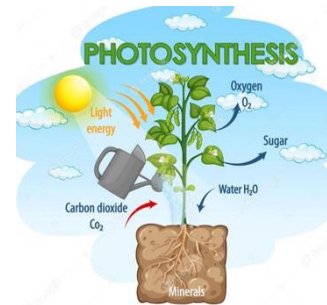
Microscope- a scientific device that magnifies tiny objects, or makes them look larger.



Species- refers to a very specific group of similar living things. For example, the red fox is a different species than the grey fox.

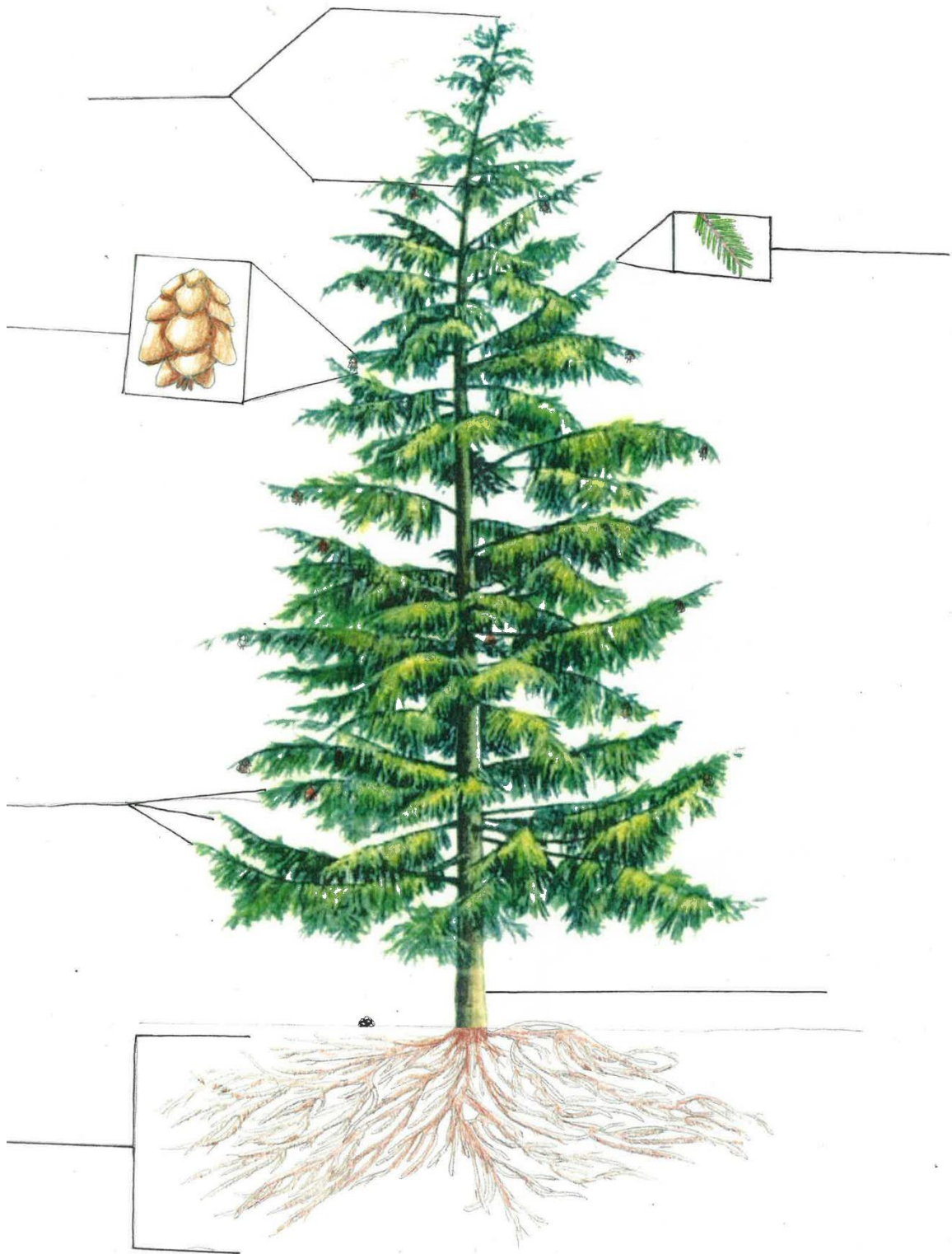
Native Species- any species native to an ecosystem. They evolved to survive in their current environment naturally.

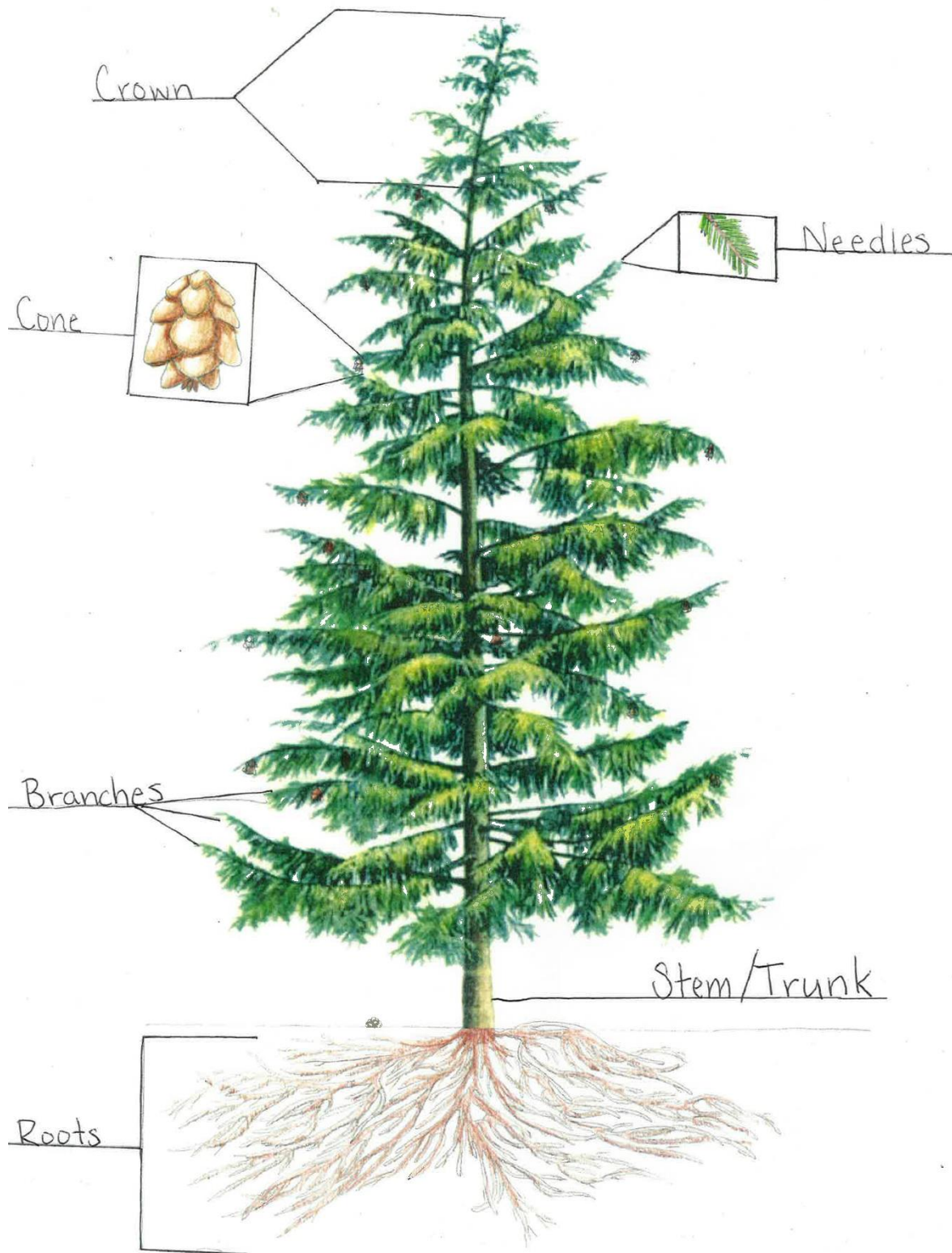
Photosynthesis- the process in which plants make their own food. Photosynthesis requires sunlight, chlorophyll found in leaves and needles, water, and carbon dioxide gas.



Glucose- is a type of sugar that plants make during the process of photosynthesis and is their main form of energy.

Sapling- A young tree with a slender trunk. Just like a young duck is called a “duckling”, a young tree is called a sapling.





Roots – I grow underground. My job is to absorb water and nutrients from the soil. I also help anchor the tree and keep the tree growing upright.

Stem/Trunk – I help support the crown of the tree. I grow tall and wide to provide support. I have internal plumbing that connects the roots to the needles within me.

Crown – I am made up of two parts: the tree's branches and leaves. The trunk of the tree keeps me standing tall. My goal is to reach up to the Sun as much as I can to help the needles photosynthesize.

Branches – I am part of the crown. I provide support and help spread out the needles so they can get a better view of the Sun. I can also help by storing extra glucose made by the needles.

Needles — I am part of the crown. My job is very important. I take in carbon dioxide, sunlight, and the water absorbed by my roots to create glucose through the process of photosynthesis.

Cone — You can find me at the end of tree branches. My job is to hold and protect the seeds until the next season when they are ready to grow!

