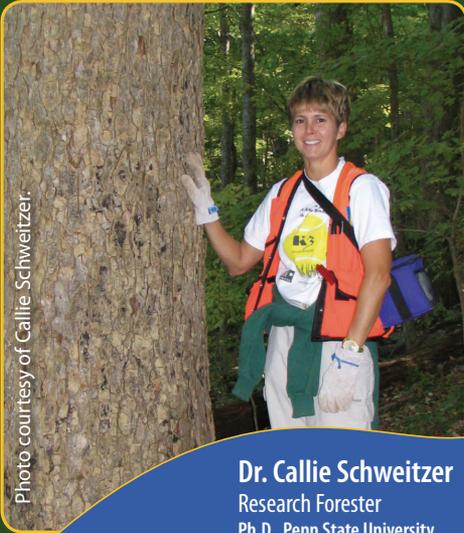


Photo courtesy of Callie Schweitzer.



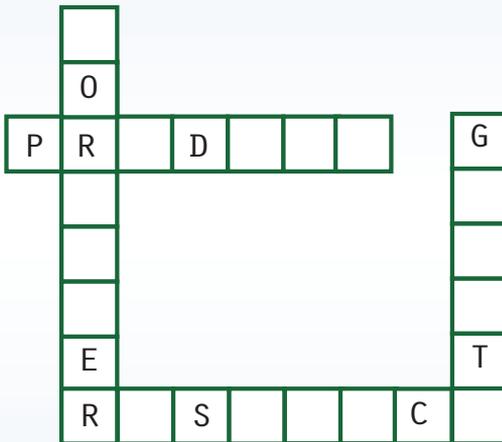
Dr. Callie Schweitzer
Research Forester
Ph.D., Penn State University
USDA Forest Service scientist

Meet a Research Forester!

Dr. Callie Schweitzer is a research forester who asks questions about how to predict tree growth and which tree species grow best.

Word Game

Correctly fill in the boxes so they spell four of the words from the information used in the "Meet a Scientist" section above.



Learn more about the natural world:
<http://www.naturalinquirer.org>

Be a Research Forester...

A research forester studies how forests respond to human actions and disturbances such as fire, drought, and timber harvesting.

Look around for evidence of disturbances. Disturbances could be wind-toppled trees, burn scars, crushed flowers, or cut trees. Pick one of those plants and use your imagination to write a story, song, or poem about what happened to the plant.

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NEED
MORE
SPACE?

Most plants need water, nutrients, and sunlight to survive and grow well. **See who can find the tallest tree!** Stand underneath it and look up.

Use the space to the right to sketch the shape of this tree. What makes this shape different from other trees?

Like Research Forestry? Do More!

Focus on your favorite spot in this natural area. Do you see wildflowers? Vines? Trees? Grasses?

Foresters often want to know which plants are most common in an area. Estimate what percent of the area each plant type covers. Make your percentages total 100 percent, and record the percentages below:

Trees: _____ Grasses: _____ Shrubs: _____

Vines: _____ Wildflowers: _____

Outdoor Tip:

Be careful with tree bark. Trees need bark to protect themselves, so do not peel it off or cut into it.

