

Research Topics

1. Overcrowded, Make Room

Read and report on management techniques beneficial to forested ecosystems such as thinning or fire.

2. Insects: the Good and the Ugly

Compare and report on “Useful and Ugly Insects” such as Barklice and “Ugly Insects” that are not harmful such as the Hickory Horned Devil and Giant Walkingsticks.

3. Insects: the Bad and the Ugly

Read and report on “Harmful and Ugly Insects” to certain trees such as Pine Regeneration Weevils.

4. Difficult Diseases

Carefully read and report the information about how diseases occur and how to prevent them and keep the forest healthy. Examples of the conditions contributing to these diseases are found in particular disease sections: Oak Wilt, Root Rot, etc.

5. Invasive Awfuls

Report why invasive species are harmful to our forests. Select a pest and a plant to highlight.

Internet Resources

- Texas A&M Forest Service, Forest Health
<http://tfsweb.tamu.edu/foresthealth/>
- Texas A&M Forest Service Forest, Forest Health, Thinning Pine Plantations: Why, When and How?
<http://bit.ly/2dWW00N>
- Good Fires, Fighting Fire with Fire
<http://goodfires.org/fire>
- The Nature Conservancy, The Benefits of Prescribed Fire video
<http://www.nature.org/ourinitiatives/habitats/forests/howwework/maintaining-fires-natural-role.xml>
- U.S. Forest Service, Forest Insect & Disease Leaflets
<http://bit.ly/2dw0ko1>
- Arbor Day Foundation, Tree Health Guide
<https://www.arborday.org/trees/health>
- Southern Group of State Foresters, Forest Health
<http://www.southernforests.org/rural/forest-health-1>
- Western Forestry Leadership Coalition, Forest Health
<http://wflcenter.org/priority-issues/forest-health>
- Northeastern Area Association of State Foresters, Issues
<http://www.northeasternforests.org/content/issues>

