

## **Eastern Hemlock Facts**

- · Ranges from Maine to northern Alabama
- Prefers moist areas due to shallow roots and susceptibility to drought
- Is most often found in ravines and along rivers and streams
- Is the most shade tolerant tree in North America, capable of thriving in only 5% sunlight
- Can rise to up 175 feet and live for 900 years
- Is a keystone species and plays a unique role in providing food and habitat for about 120 species of vertebrates and over 90 species of birds, shade for native plants, cool temperatures for trout streams, and protection for watersheds and water quality



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## **Woolly Adelgid Facts**

- · A small aphid-like insect that feeds on hemlocks
- Infects hemlocks from Maine to northern Alabama
- · Will kill every hemlock if left untreated
- Detected by presence of a dry, white woolly substance on the hemlock branches
- ·Spread by wind, birds, deer and humans
- Can be treated with cultural, chemical and biological means
- Presently, the most economical and effective treatment is chemical application
- Chemical application is safe for the environment, ground water, wildlife and humans

