

## Insects and Diseases of Trees in the South

Anonymous. 1989. *Insects and Diseases of Trees in the South*. USDA For. Serv. Prot. Rept. R8-PR16. 98 pp. Taken from <http://fhpr8.srs.fs.fed.us/forstpst.html>



This publication has been prepared to assist forest managers and home-owners in identifying pests of southern trees. The insects and diseases discussed are the more common ones attacking forest and ornamental trees. Prompt identification and treatment of these pests may mean the difference between losing or saving a valuable shade tree. Underlying all successful forest and ornamental pest control efforts, however, is the necessity to keep trees in a healthy, vigorous condition. Chemical suppression recommendations are not included in this publication. For pesticide information contact the local State or Federal extension specialist, forester, entomologist, or pathologist.

### Defoliators (Conifer)

- Bagworm
- Blackheaded Pine Sawfly
- Introduced Pine Sawfly
- Loblolly Pine Sawfly
- Pine Colaspis
- Pine Webworm
- Redheaded Pine Sawfly
- Texas Leafcutting Ant
- Virginia Pine Sawfly

### Foliage and Twig Diseases (Conifer)

- Brown Spot Needle Blight
- Cedar Apple Rust
- Needle Casts
- Phomopsis Blight
- Pine Needle Rust

### Foliage and Twig Diseases (Hardwood)

- Anthraxnose
- Black Knot
- Cottonwood Rust

## **Defoliators (Hardwood)**

Cottonwood Leaf Beetle  
Eastern Oak Looper  
Eastern Tent Caterpillar  
Elm Leaf Beetle  
Elm Spanworm  
Fall Cankerworm  
Fall Webworm  
Forest Tent Caterpillar  
Gypsy Moth  
Linden Looper  
Locust Leafminer  
Orangestriped Oakworm  
Pinkstriped Oakworm  
Poplar Tentmaker  
Slug Oak Sawfly  
Spiny Oakworm  
Variable Oakleaf Caterpillar  
Walkingstick  
Walnut Caterpillar  
Whitemarked Tussock Moth  
Yellownecked Caterpillar

## **Bark Beetles and Borers (Conifer)**

Ambrosia Beetles  
Black Turpentine Beetle  
Ips Engraver Beetles  
Southern Pine Beetle  
Southern Pine Sawyer

## **Bark Beetles and Borers (Hardwood)**

Carpenterworm  
Columbian Timber Beetle  
Cottonwood Borer  
Cottonwood Twig Borer  
Hickory Bark Beetle  
Locust Borer  
Red Oak Borer

Leaf Diseases (Powdery Mildew, Leaf Blister, Leaf Spot, and Nutrient Deficiencies)

## **Root and Butt Rots and Decay (Conifer)**

Annosus Root and Butt Rot  
Brown Cubical Rot  
Red Root and Butt Rot  
Littleleaf Disease  
Red Heart  
Sand Pine Root Disease  
White Pine Root Disease

## **Root and Butt Rots and Decay (Hardwood)**

Canker Rots  
Heart Rots  
Lucidus Root and Butt Rot  
Shoestring Root Rot

## **Cankers (Hardwood)**

Chestnut Blight  
Hypoxylon Canker  
Nectria Canker  
Strumella Canker

## **Vascular Wilts (Hardwood)**

Dutch Elm Disease  
Elm Phloem Necrosis  
Mimosa Wilt  
Oak Wilt  
Verticillium Wilt

## **Stem, Branch, and Cone Diseases (Conifer)**

Comandra Blister Rust  
Eastern Gall Rust  
Fusiform Rust  
Pitch Canker  
Southern Cone Rust

## **Other Diseases**

Air Pollution

Smaller European Elm Bark Beetle  
Twolined Chestnut Borer  
White Oak Borer

**Piercing and Sucking Insects  
(Conifer)**

Balsam Woolly Aphid

**Piercing and Sucking Insects  
(Hardwood)**

Aphids  
Lace Bugs  
Scales

**Meristem Feeders (Conifer)**

Deodar Weevil  
Nantucket Pine Tip Moth  
Pales Weevil  
Pitch-Eating Weevil  
White Pine Weevils

Herbicide Damage  
Mistletoe  
Pinewood Nematode  
Plant Parasites of Tree Roots  
Slime Flux  
Urban Tree Decline