



NC FOREST HEALTH UPDATE

Jim Slye
 Forest Health Program Head
 May 30, 2023

*To protect, manage and promote forest
 resources
 for the citizens of North Carolina*



1

1



- Welcome on behalf of The North Carolina State Board of Registration for Foresters!



*To protect, manage and promote forest
 resources
 for the citizens of North Carolina*



2

2



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

NCFS Forest Health

What is our role?

*To protect, manage and promote forest resources
for the citizens of North Carolina*



3

3



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

▣ NCFS Forest Protection Division

- Fire
- Forest Health
- Law Enforcement

*To protect, manage and promote forest resources
for the citizens of North Carolina*



4

4

Forest Health Protection

fs.usda.gov/foresthealth/

USDA U.S. FOREST SERVICE
Caring for the land and serving people

United States Department of Agriculture

Enter Search Words

Forest Health Protection

Visit Us Managing the Land Learn Science & Technology Working with Us About the Agency

FOREST SERVICE HOME » FOREST HEALTH PROTECTION

Forest Health Protection

Forest Health Protection Home

Protecting the Forest

Assessment & Applied Sciences

Working with Us

Publications and Reports

Contact Us

Forest Health News & Highlights

Forest Health News

Featured Highlight

Forest Health Protection

20 YEARS OF SPREAD

Forest Health News

Explore current forest insect and disease conditions across the United States

Protecting our Forests

We are part of the State and Private Forestry Deputy Area of the U.S. Department of Agriculture (USDA) Forest Service. We have over 250 specialists in the areas of forest entomology, forest pathology, invasive plants, pesticide use, survey and monitoring, suppression and control, assessment and applied sciences, and other forest health-related services.

Protecting the Forest

To protect, manage and promote forest resources for the citizens of North Carolina

10:31 AM
5/25/2023

5

NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

- ▣ USFS Forest Health Protection (Outreach to states)
 - State and Private Forestry
 - Native insects, pathogens, abiotic damage
 - Invasive insects, pathogens, plants
 - Forest Health Monitoring
 - ▣ Forest Health Highlights
(https://www.ncforestservice.gov/forest_health/pdf/FHN/2022_NC_FHH_final.pdf)
 - ▣ Status, changes, trends

To protect, manage and promote forest resources for the citizens of North Carolina

NORTH CAROLINA FOREST SERVICE N.C.

6

6



NORTH CAROLINA FOREST SERVICE 2022 Forest Health Highlights

Our Forests

North Carolina's forests cover nearly 18.8 million acres, roughly 61% of the state's land area. Most of this forestland, about 11.3 million acres, is owned by individuals, families, and non-corporate entities. Approximately 2.9 million acres is owned by private corporations not involved in forest product manufacturing and about 1.3 million acres is owned by forest industry. Federal, state and local public lands total 2.6 million acres. Forestry is an important industry in the state, providing more than 150,400 jobs and contributing \$33.6 billion to the North Carolina economy annually. The forestry industry ranks first in manufacturing sector jobs and second in statewide employment overall.

Forests in North Carolina are also prized for their scenic beauty, supporting tourism and outdoor recreation, and providing wildlife habitat from the Appalachian Mountains to the lowlands of the Atlantic Coastal Plain. The beauty and productivity of North Carolina's forests have historically been challenged by a variety of threats, both native and nonnative. In the past 11 years, at least 5 nonnative invasive species were detected for the first time in the state: **laurel wilt** in 2011; **thousand cankers disease** of walnuts in 2012; and **emerald ash borer** in 2013. Pests such as **hemlock woolly adelgid** and **spongy moth** have impacted forests in the state for more than 20 years. **Asian longhorned beetle** has been found in an adjacent state. Forest Health personnel visited the site to familiarize themselves with identification and control of the insect and North Carolina is being monitored closely

7

7



Statewide Highlights

*To protect, manage and promote forest
resources
for the citizens of North Carolina*



8

8