



# 2018 Forest Pest Management Update

Troy Shaw, Urban Forester IV

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# Presentation Topics

- Annual Report to the Board
- 2017 i-Tree Analysis
- Soil Microbe Analysis Study

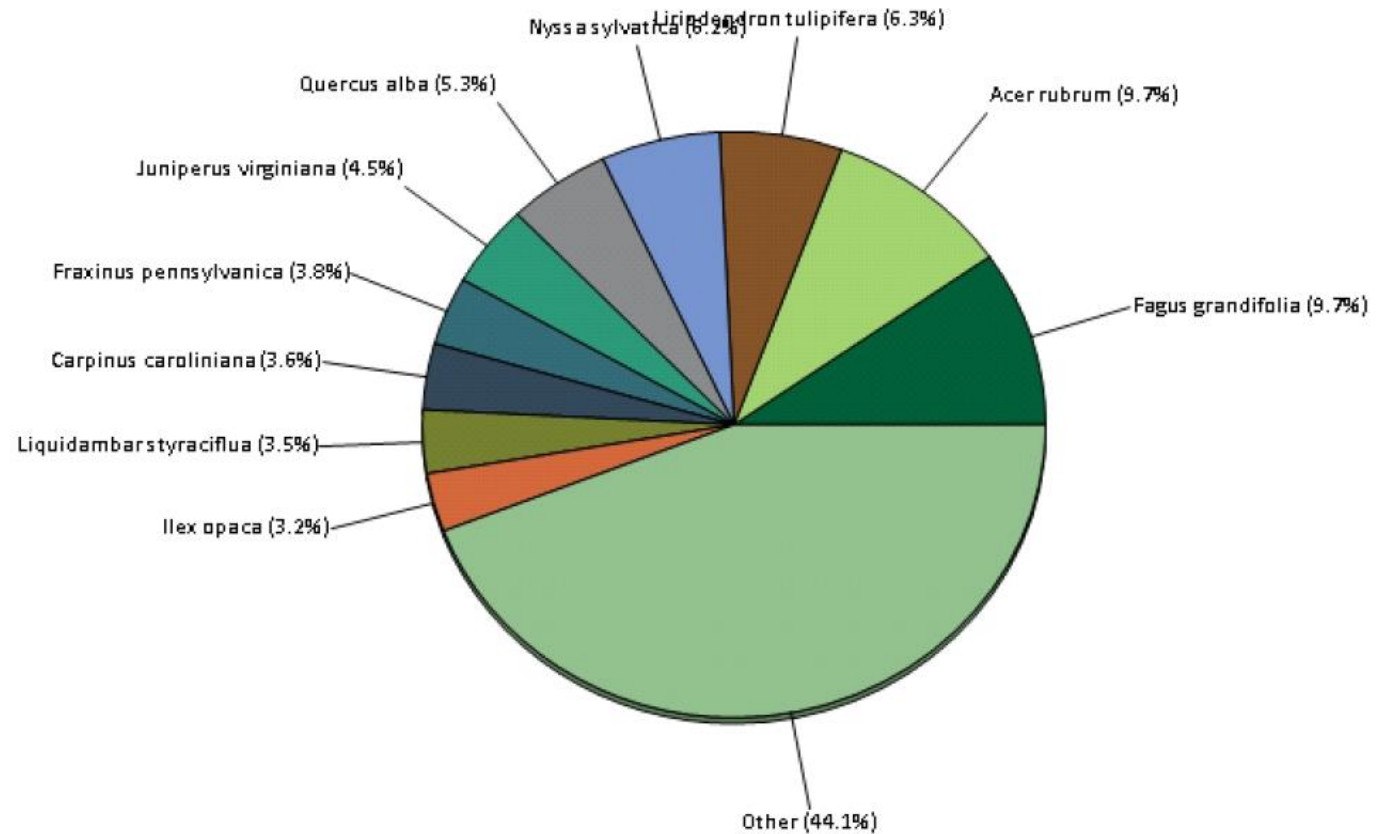


Figure 1. Tree species composition in Fairfax County 2017

# Annual Report to the Board

- Gypsy Moth
- Fall Cankerworm
- Sudden Oak Death
- 1000 Cankers Disease
- Hemlock Woolly Adelgid
- Emerald Ash Borer
- Spotted Lanternfly
- Outreach

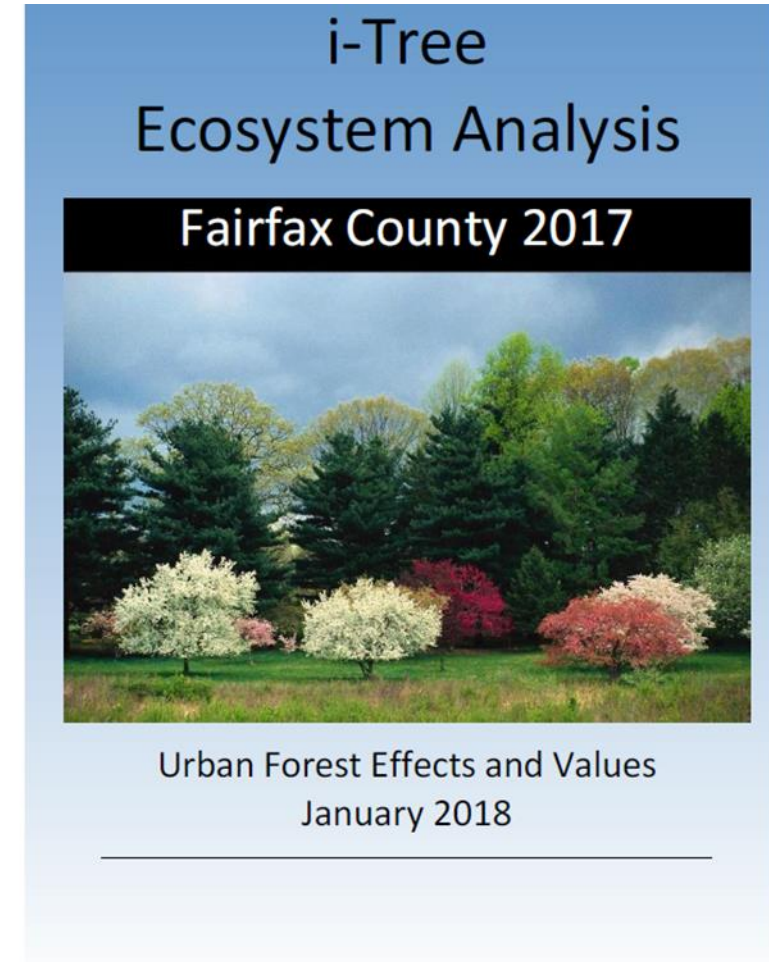


Spotted Lanternfly Adult  
January, 2018  
Winchester, VA

All insect populations, are cyclical in nature. Periods of high pest levels are followed by periods of low pest levels.

## 2017 i-Tree Analysis

- 8,075,525 trees at risk from Asian longhorned beetle
- \$26.2 million in avoided stormwater runoff
- \$34,300,000 reduction in energy related costs from residential buildings



# Soil Microbe Analysis Study

- Method – small soil samples from i-Tree plots
- Soil organisms are indicators of forest health
- Project cost is \$150,000 and these resources are available

## Big Rocky Run Tributary Restoration



At time of construction



Three months following construction



One year after construction

**For additional information or questions, please contact**

Troy Shaw

703-324-5304

[troy.shaw@fairfaxcounty.gov](mailto:troy.shaw@fairfaxcounty.gov)

