

Forest Health Concerns in Virginia - 2011

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Bark Beetle Prevention

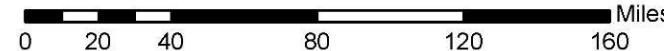
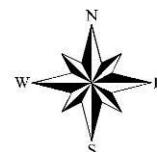
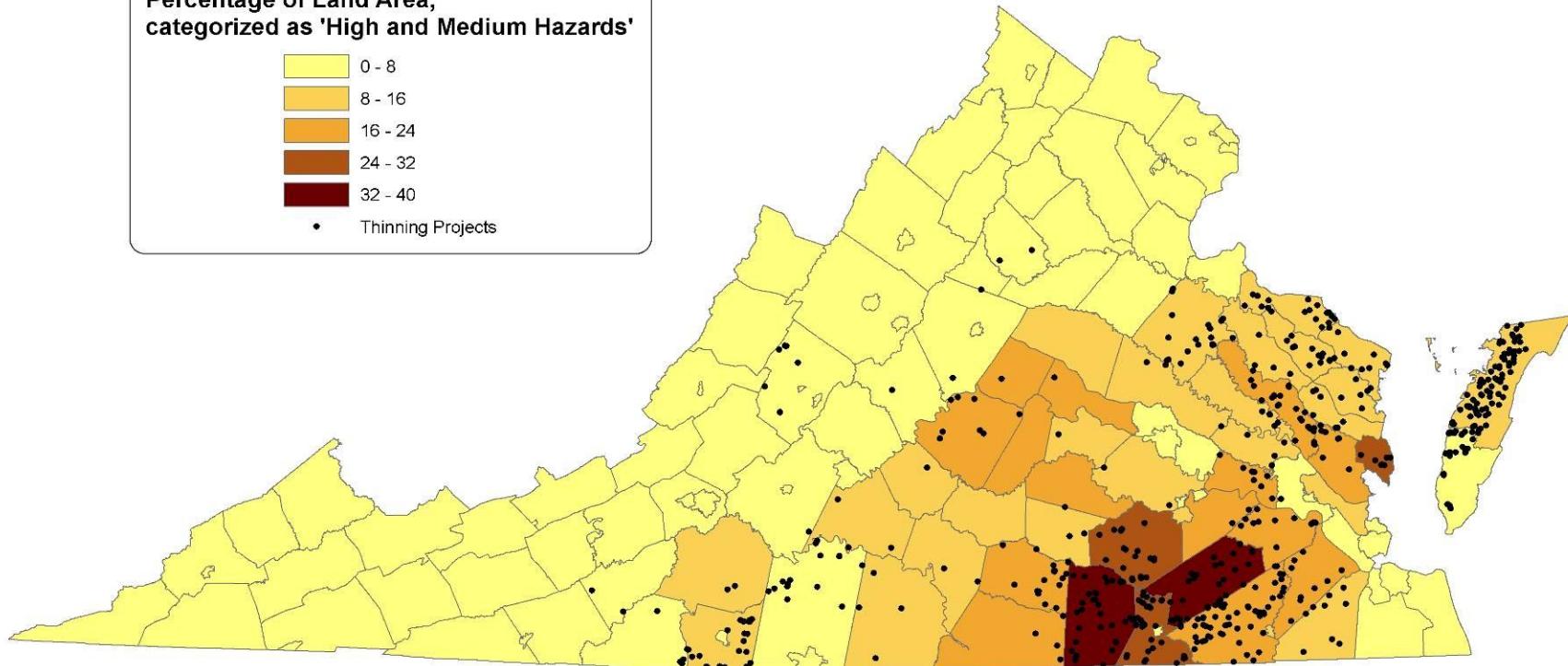
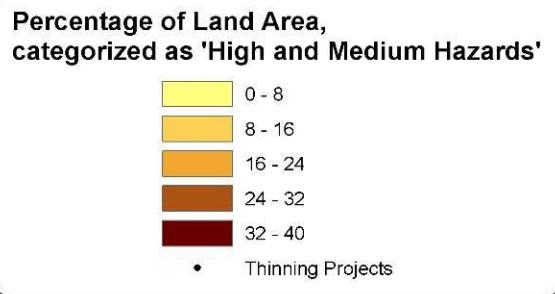


SPB Prevention Program

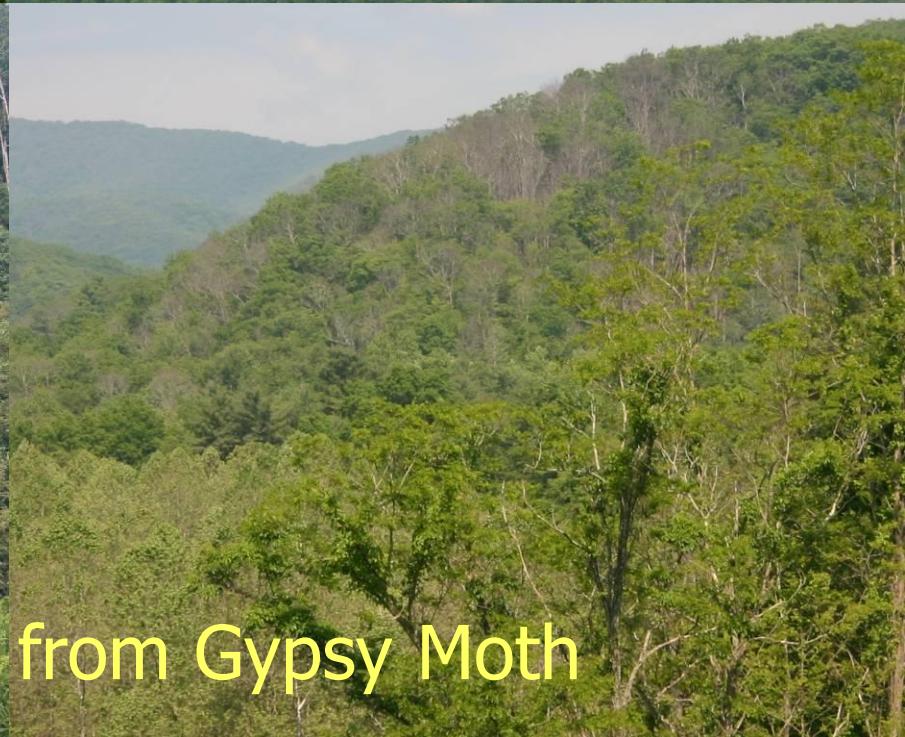
- ▶ Pre-commercial thinning cost-share (60:40) with landowner – 35,000 acres since 2005
- ▶ Longleaf pine restoration cost-share (60:40) – 700 acres since 2005
- ▶ Logger Incentive Program - \$2,000 payout to loggers for tracts 10-40 acres
 - 2500 acres completed since 2009
 - Program discontinued in 2011
 - Will reinstate in Sept/Oct with new grant funding – change to 5-25 acre tracts only



Southern Pine Beetle: Statewide Hazard



Data provided by FHTET SPB Risk Map, v1.0 (January 5th, 2010)
(Defined Interval)



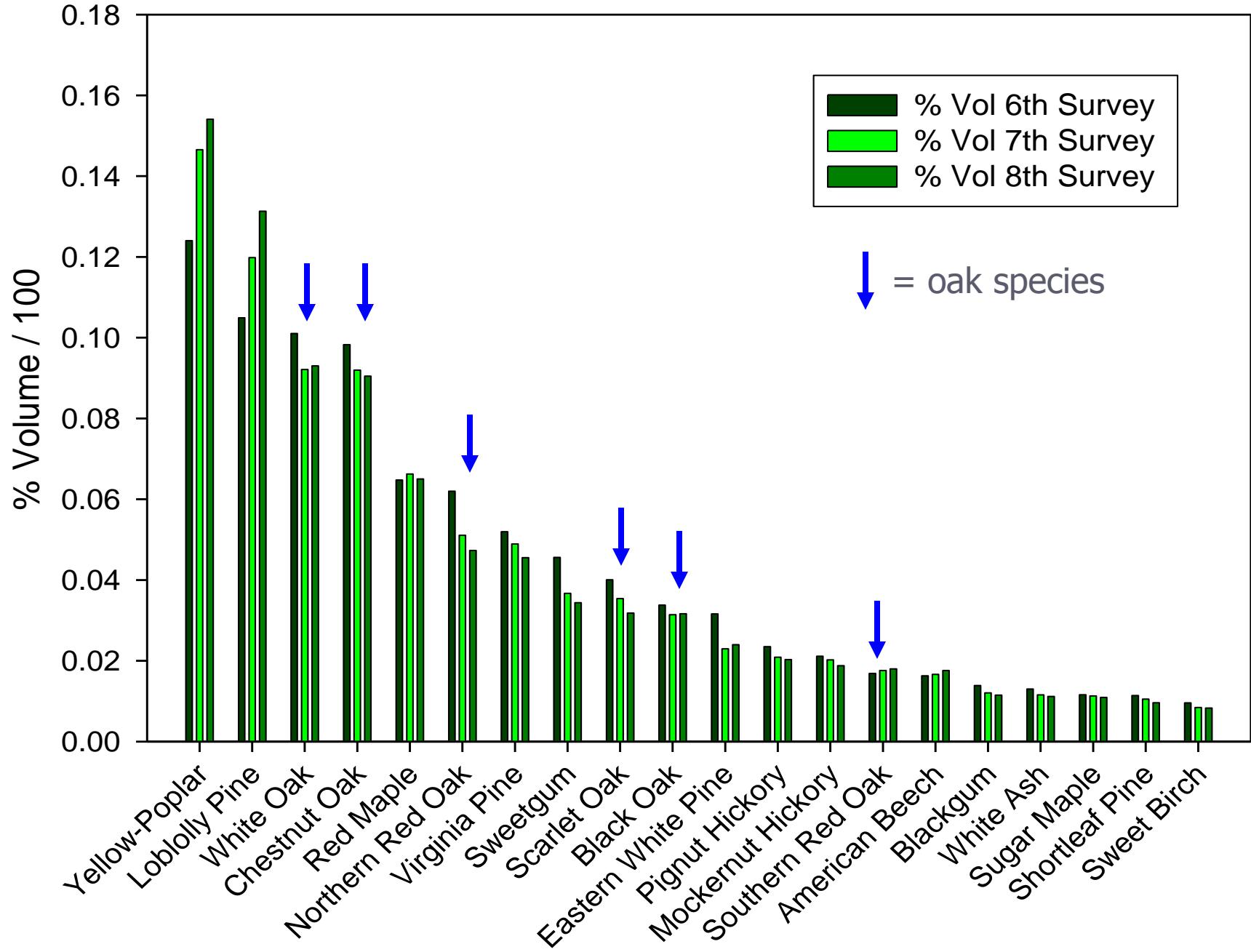
Defoliation and Oak Mortality from Gypsy Moth



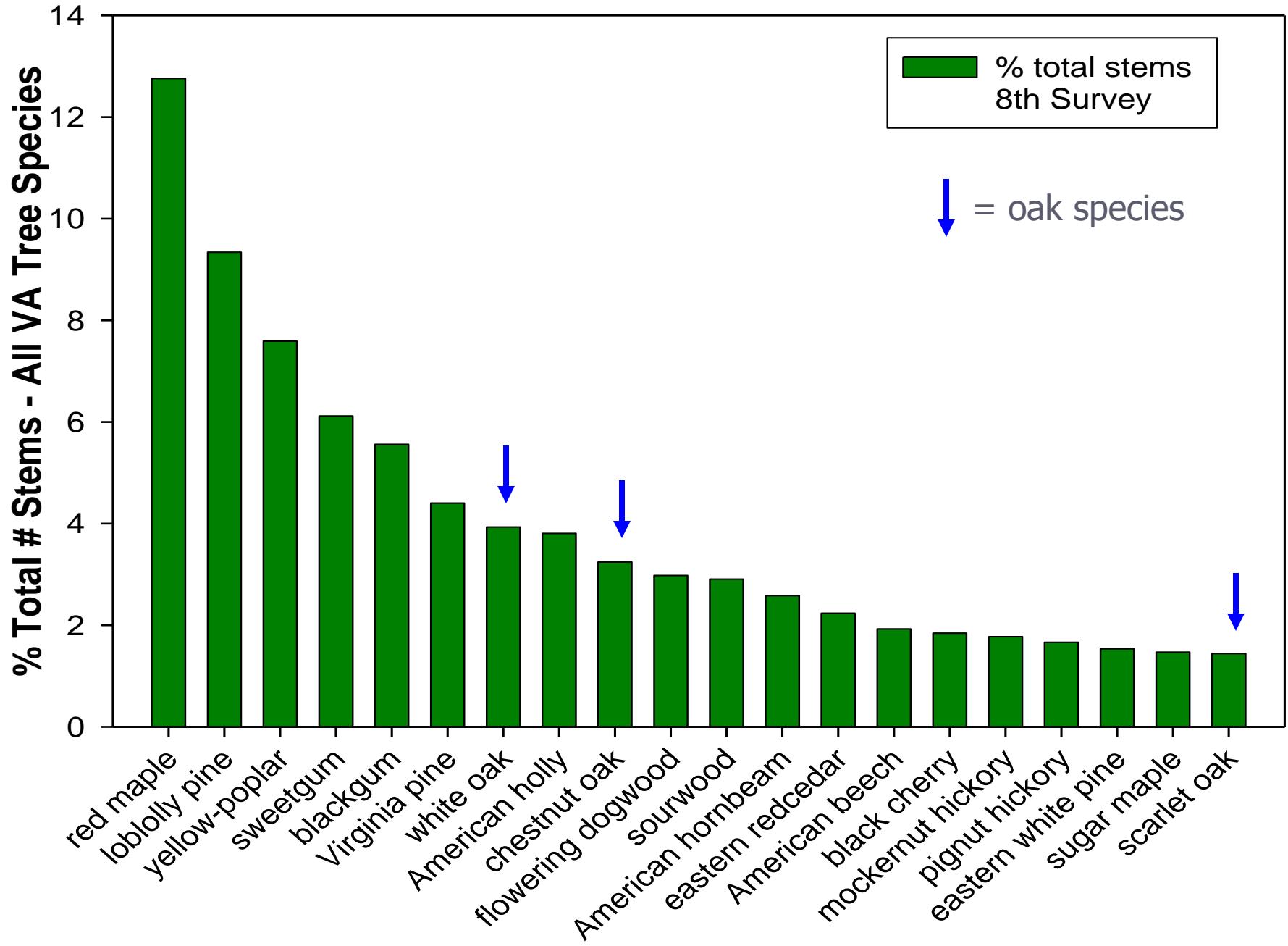




Virginia's Top 20 Trees Species by % Volume Across 3 FIA Surveys

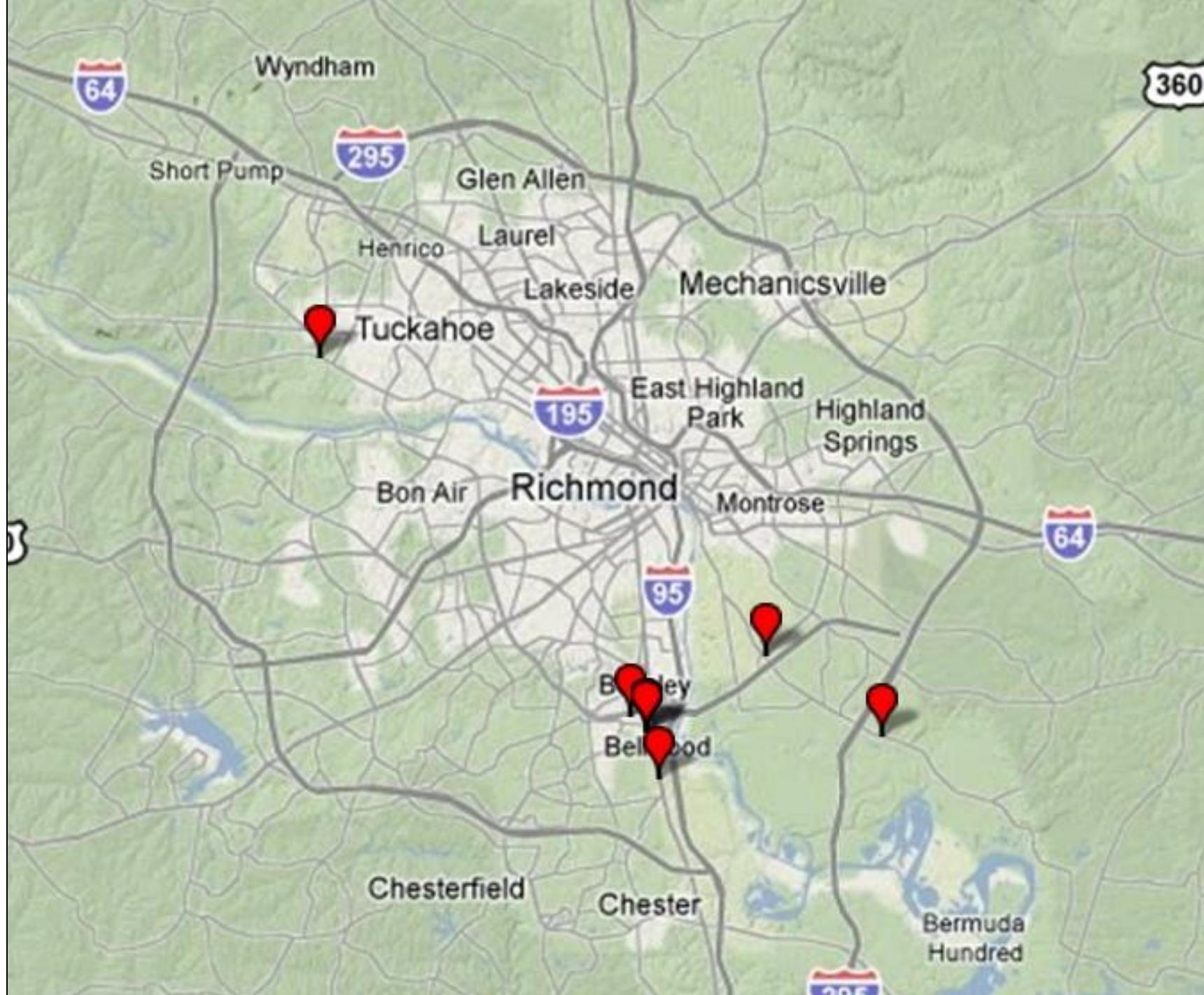


Top 20 Tree Species in VA Ranked by Total # Stems



Thousand Cankers Disease of Black Walnut



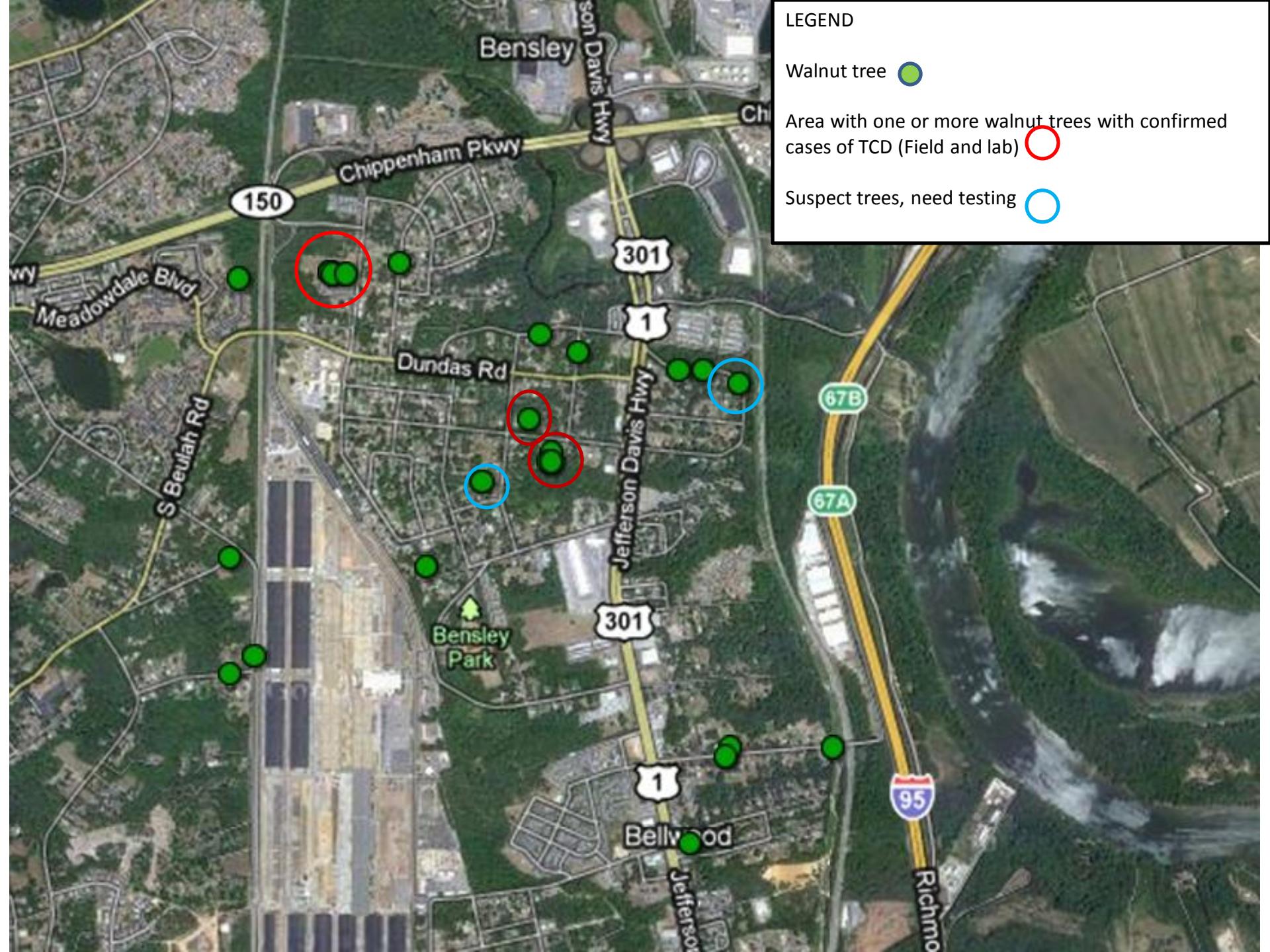


LEGEND

Walnut tree 

Area with one or more walnut trees with confirmed cases of TCD (Field and lab) 

Suspect trees, need testing 





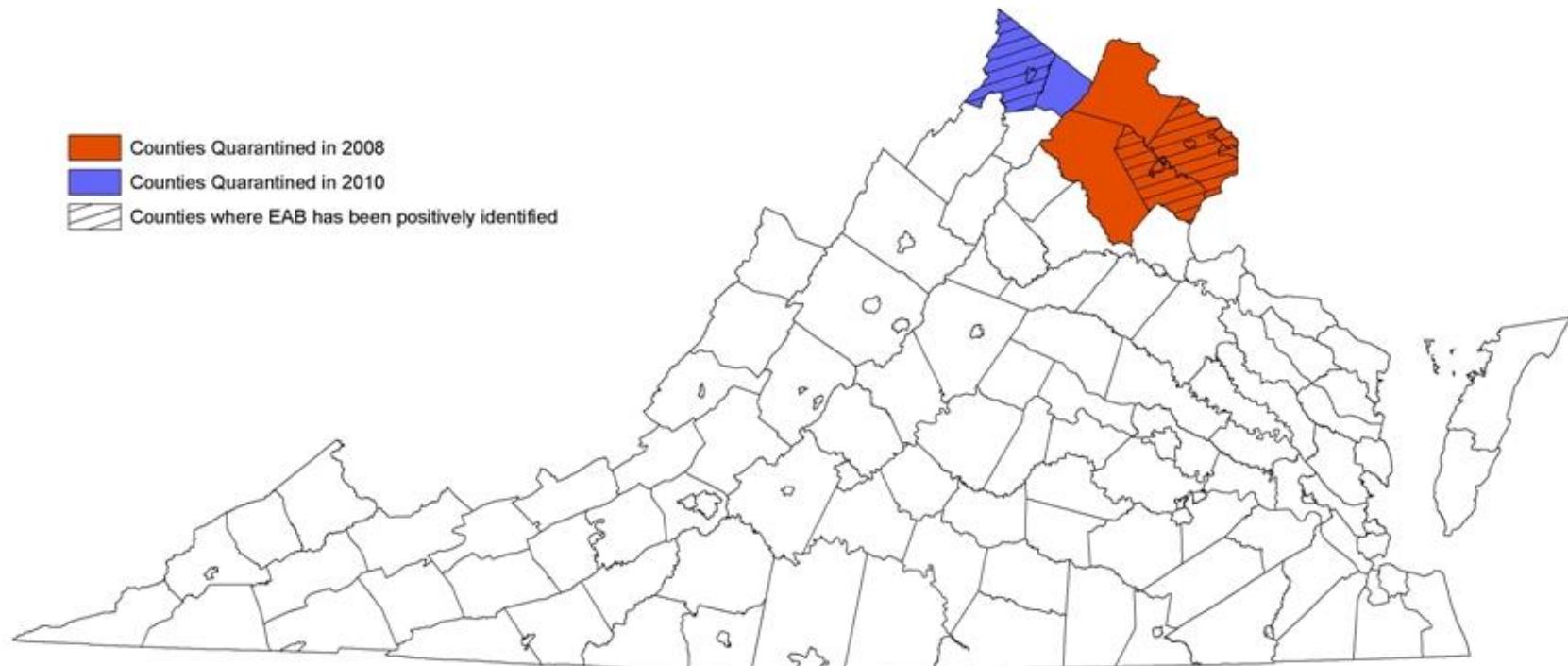




Emerald Ash Borer Quarantine

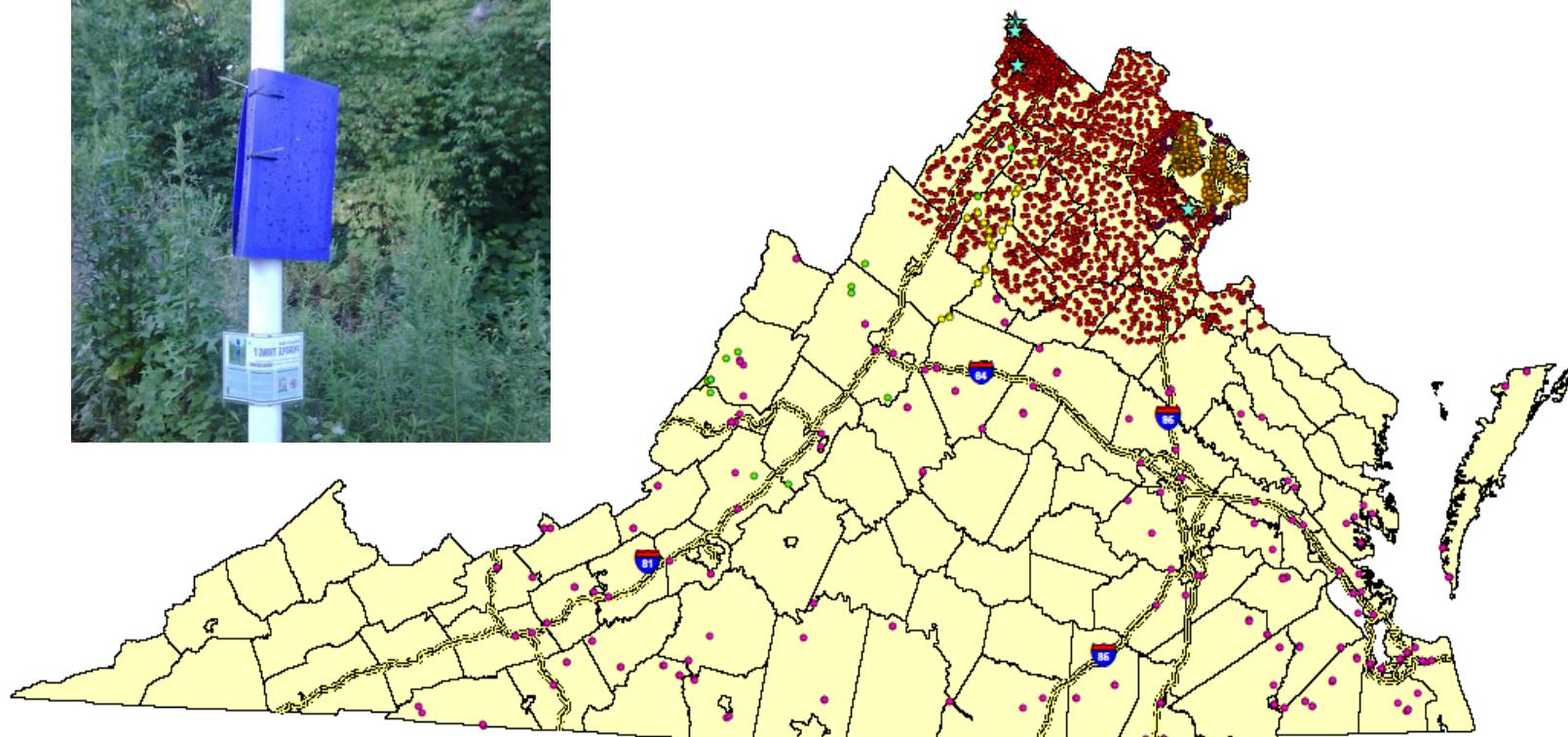


- █ Counties Quarantined in 2008
- █ Counties Quarantined in 2010
- \ / Counties where EAB has been positively identified



0 20 40 80 120 160 Miles

2010 - Virginia EAB Trap Locations



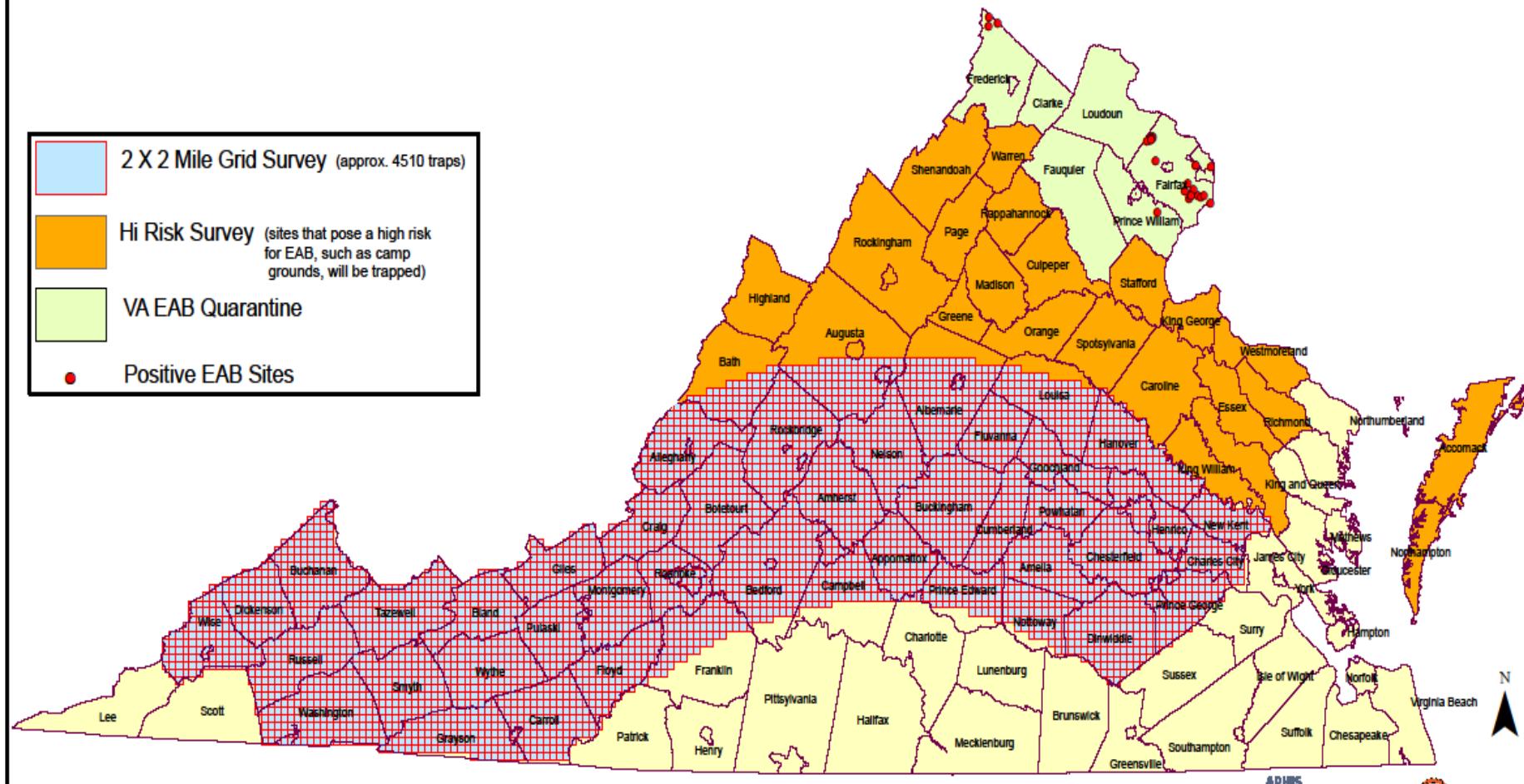
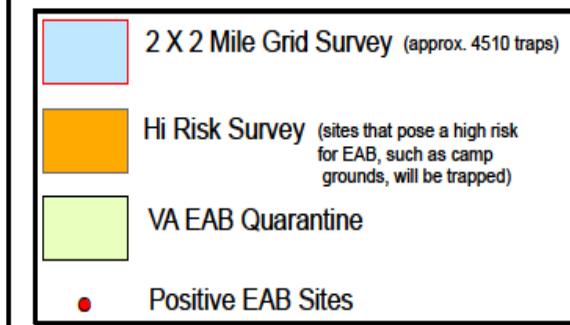
Source: Fairfax County Urban Forest Management

0 15 30 60 90 120 Miles

Traps as of July 19, 2010



2011 Virginia EAB Survey



Source: Fairfax County Urban Forest Management

0 20 40 60 80 100 120 140 160 Miles



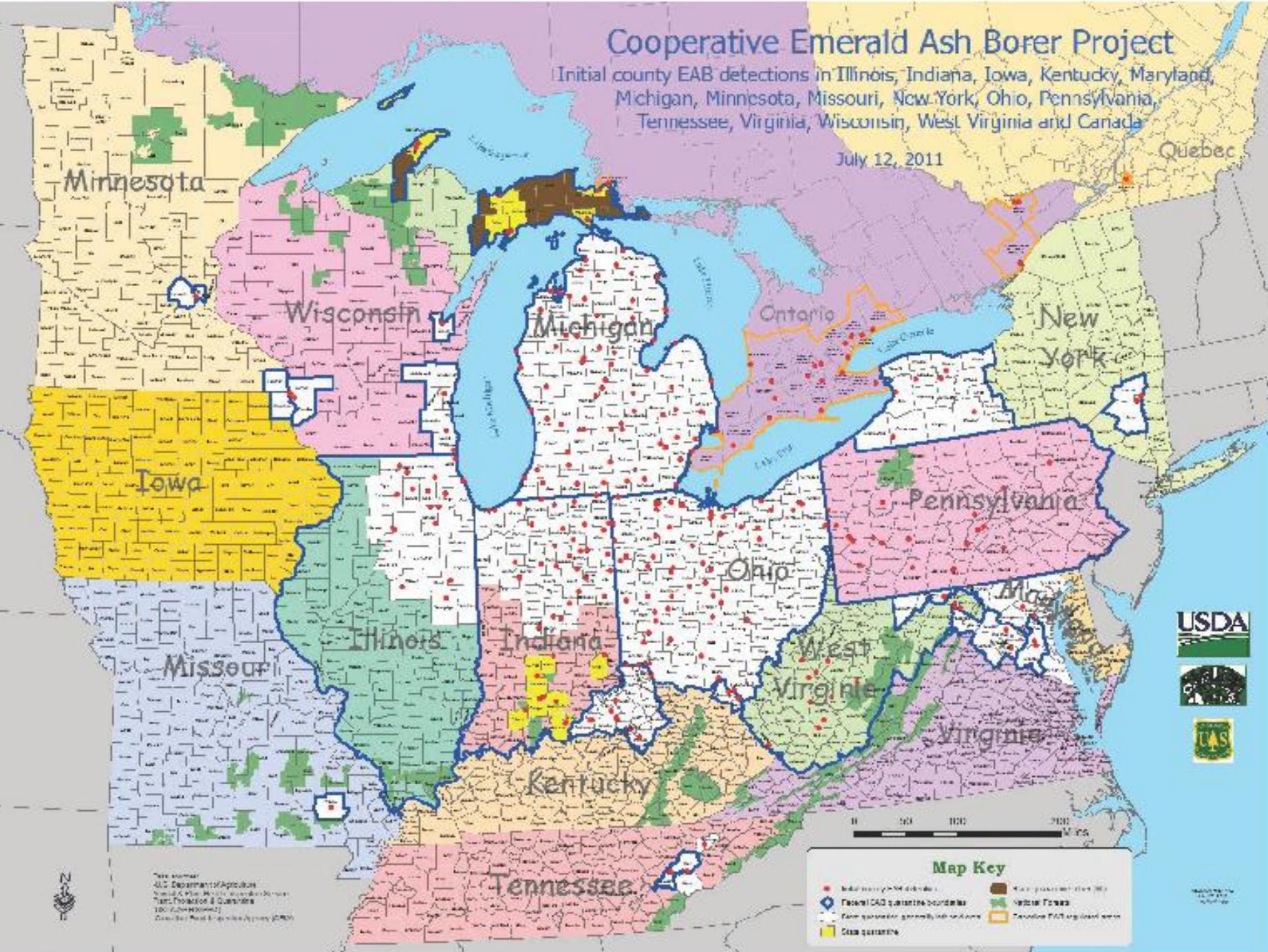
Virginia Department of Agriculture and
Consumer Services



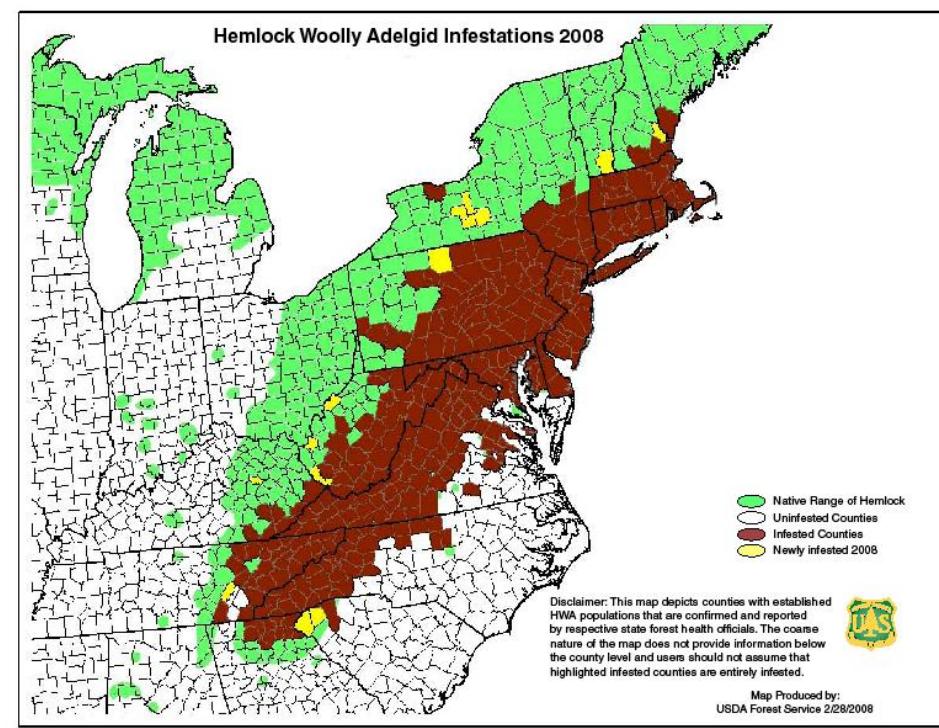
Cooperative Emerald Ash Borer Project

Initial county EAB detections in Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New York, Ohio, Pennsylvania, Tennessee, Virginia, Wisconsin, West Virginia and Canada

July 12, 2011



Hemlock Woolly Adelgid



Biological Control of HWA

Scymnus sinuanodus

