

CAPS 2016 Nursery Survey Summary

The 2016 Nursery Survey, a survey with visual and trapping components, was conducted to determine the presence / absence of 13 pests of national concern (See Survey methodology table below). NHDAMF personnel selected 40 nurseries and plant dealers in which to conduct visual inspections from May through September. In addition, traps for Oak Ambrosia Beetle (*Platypus quercivorus*), Summer Fruit Tortrix Moth (*Adoxophyes orana*), Variegated Golden Tortrix (*Archips xylosteanus*), and False Codling Moth (*Thaumatotibia leucotreta*) were also deployed at 5 selected 'high volume' nurseries: Maple Hill Nursery in Cheshire County, Millican Nursery and Stone Falls Gardens in Merrimack County, Northern Nursery in Strafford County, and Landscaper's Depot in Rockingham County. The traps were set in June and monitored every 2 weeks through the end of August.

The survey was negative for the 13 target pests. However, one inspection did result in the detection of coniferous Fiorinia scale, *Fiorinia japonica*, on *Picea orientalis* (Fig. 3) trees at one nursery. This scale is neither regulated federally nor by the state, but was previously unknown in New Hampshire.

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name	Survey Method
Pest:	Asian Longhorned Beetle	<i>Anoplophora glabripennis</i>	Visual
	Citrus longhorned beetle	<i>Anoplophora chinensis</i>	Visual
	Sakhalin Pine Sawyer	<i>Monochamus saltuarius</i>	Visual
	Small White-Marmorated Longhorned Beetle	<i>Monochamus sutor</i>	Visual
	Oak splendour beetle	<i>Agilus biguttatus</i>	Visual
	Tremex Woodwasp	<i>Tremex fuscicornis</i>	Visual
	Hygromiid snails	<i>Cernuella spp.</i>	Visual
	Cohlicellid snails	<i>Cochlicella spp.</i>	Visual
	Hygromiid snails	<i>Monacha spp</i>	Visual
	Oak Ambrosia Beetle	<i>Platypus quercivorus</i>	Trap
	Summer Fruit Tortrix Moth	<i>Adoxophyes orana</i>	Trap
	Variegated Golden Tortrix	<i>Archips xylosteanus</i>	Trap
	False Codling Moth	<i>Thaumatotibia leucotreta</i>	Trap

	Proposed	Actual
Sites (Visual surveys):	40	53
Sites (Trapping):	5	5
Traps:	4/site = 20 total	4/site = 20 total

Number of Counties:	10
Counties:	Belknap, Carroll, Cheshire, Coös, Grafton, Hillsborough, Merrimack, Rockingham, Strafford, Sullivan

2. Survey dates:

	Proposed	Actual
Survey Dates:	May through September, 2016	May through September, 2106

3. Benefits and results of survey:

	Positive	Negative
Traps	0	20
Visual Survey Pests	0	477