

18"



Parks, Recreation and Historic Preservation

Department of Environmental Conservation

This circle trap is monitoring for invasive Spotted Lanternfly (*Lycorma delicatula*)

Spotted lanternfly (SLF) is a serious invasive pest that has recently been found in our region. SLF uses its piercing-sucking mouthparts to feed on sap from over 70 different plant species. It has a strong preference for economically important plants including grapevines, maple trees, and fruit trees. Spotted lanternflies do not bite or sting humans or pets.

THREAT

The feeding damage significantly stresses the plants which can lead to decreased health and potentially death. As SLF feeds, it excretes a sticky sap, called honeydew rain. This honeydew rain attracts black sooty molds, which can also impact the health of the host plants and attract other insects. This greatly threatens NYS grape and tree-fruit industries, as well as the forestry, nursery, and landscaping industries.

LIFE CYCLE

Females lay gray egg masses on host plants and just about any flat surface, including stone and metal. Spotted lanternflies go through five stages of growth after hatching. The first four stages are called nymphs, which are incapable of flight. The young nymphs are black with bright white spots. The fourth stage of growth, prior to adulthood, is vibrantly red with distinct patches of black and equally distinct bright white spots. The adult spotted lanternfly is about 1" long. Adults have grey wings with black spots. When the spotted lanternfly opens its wings, it reveals a bright red underwing.

YOU CAN HELP!

SLF travels easily as a hitchhiker, so gear, vehicles, and equipment should be checked for egg masses. Egg masses can be scraped off surfaces and destroyed by crushing and submersion in rubbing alcohol or hand sanitizer. If you think you have found a spotted lanternfly in New York, note the location, take a picture and collect the insect (if possible) and contact spottedlanternfly@agriculture.ny.gov



egg mass about 1" long



early stage nymphs up to 1/4" long



late stage nymph 1/2" long



Dalton Ludwick



PA DOA

adults (about 1" long)

Think you see spotted lanternfly? Email a photo to: SpottedLanternfly@agriculture.ny.gov

This is the bleed area. Background colors or images should extend out to this line.

12"