

Invasive Species News

August 2015 Issue

How does the gypsy moth quarantine effect residents and visitors?

Outdoor items like logs and firewood, camping equipment and patio items, that could be infested with gypsy moth must be inspected and certified as gypsy moth-free before moving them out of Lake and Cook counties.



©Minnesota Department of Agriculture

Female moth laying an egg mass

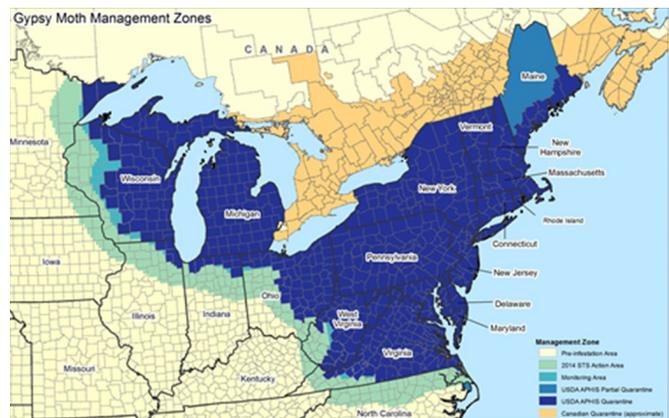
Gypsy moth fact:

A single gypsy moth caterpillar can consume up to nine square feet of foliage in its lifetime!

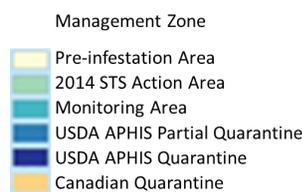
European Gypsy Moth

Since its introduction in 1869, the European gypsy moth has spread throughout the northeast part of the U.S. destroying woodlands and causing millions of dollars in damages. Gypsy moth caterpillars consume large amounts of tree and shrub leaves in the spring. Entire trees or stands of trees can be quickly defoliated when densities of the caterpillars are high. Gypsy moths do not directly kill the plants they feed on but defoliation causes stress leaving plants vulnerable to disease and infestation by additional pests.

Minnesota has been participating in a nationwide effort to monitor and control populations of the gypsy moth since 1970. From 2012 to 2013 the number of male moths trapped in Minnesota jumped from 10,445 to 71,262 individuals, 90% of which were found in Lake and Cook counties. As a result of this boom in gypsy moth populations, the



Minnesota Department of Agriculture © 2014



Minnesota Department of Agriculture enacted a quarantine of Lake and Cook counties beginning in 2014. The quarantine restricts the movement of materials that could be harboring gypsy moth eggs and/or larvae out of the counties in an attempt to slow the spread of the gypsy moth to

other parts of Minnesota and neighboring states.

To learn more about the gypsy moth quarantine consider attending our workshop August 24th (see back for details) or visit:

www.mda.state.mn.us/gmquarantine

Gypsy Moth Tree Preference



© Connecticut Agricultural Experiment Station

Preferred Species

- Alder
- Apple
- Basswood
- Big tooth/quaking aspen
- Mountain-ash
- Oak
- Paper/river birch
- Tamarack
- Willow

Less Preferred Species

- Boxelder
- Black walnut
- Cherry
- Cottonwood
- Hackberry
- Hickory
- Red/sugar maple
- Pine
- Spruce
- Yellow birch

Avoided Species

- Ash
- Balsam fir
- Buckthorn
- Dogwood
- Eastern red cedar
- Juniper
- Mountain maple
- Red mulberry
- Silver maple

Cook and Lake
County Invasives
Team Coordinator,
Laurel Wilson

USFS Gunflint Ranger Station,
2020 West Highway 61,
Grand Marais, MN 55604
lwilson@boreal.org
(218) 387-3772

My Summer as a CCIT Volunteer

Before I started volunteering with the Cook County Invasives Team the only invasive plant I knew was tansy. After doing some volunteering, I learned that there are many more. As a CCIT volunteer I helped younger kids learn about

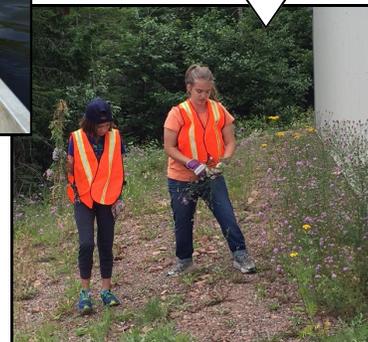
invasive plants by helping out with an invasive species educational activity at the YMCA camp. I really enjoyed volunteering this summer. If I could do it again next summer I would.

Jessica MacCudden volunteered with the Cook County Invasives Team this summer through the Cook County Extension Service's Incredible Exchange program for Cook County residents ages 11-14.

Remember to clean your gear and equipment after outdoor activities.



Invasive plants like to grow in places with a lot of light and disturbed soil, like roadsides and construction areas.



Thank you for all of your hard work this summer, Jessica!



When you pull weeds, make sure you remove as much of the roots as you can!

Upcoming CCIT Events:

All events are free and open to the public

Mon., August 24th European Gypsy Moth: Identification and Quarantine Details

Where: Cook County Community Center – Grand Marais

When: 5pm - 6pm

In this workshop a representative from the Minnesota Department of Agriculture will provide information about the European gypsy moth. Learn about gypsy moth biology and potential impacts on Minnesota forests and find out how to comply with the county quarantine.

Attendees receive a \$5 Conservation Cash coupon to Buck's Hardware Hank!

This project was funded in part by the Coastal Zone Management Act by NOAA's Office for Coastal Management in cooperation with the DNR – Minnesota's Lake Superior Coastal Program.

Want more information? Check out our website: arrowheadinvasives.org