

Iowa DNR 2010-2011

Resources for Student Research

- <http://www.iowadnr.gov/forestry/pdf/invasive/borer.pdf>
- <http://www.stopthebeetle.info/>
- <http://dnr.wi.gov/org/caer/ce/eek/critter/insect/moth.htm>
- <http://www.fs.fed.us/ne/morgantown/4557/gmoth/>
- <http://dnr.wi.gov/org/caer/ce/eek/critter/insect/emeraldashborer.htm>

Trees for Kids & Trees for Teens

Poster Contest- Invasive Species!

This year the Iowa Department of Natural Resource's Forestry-Bureau is holding a poster contest.

Your students are invited to participate! You may choose to do this as a classroom activity, allowing students to do their own research and then create a poster, or, introduce the contest and allow students to complete it at home.

Each school must pick 1 poster from k-3rd, 4th-8th, and 9-12th to be mailed in and judged. The Forestry-Bureau will choose one overall winner in k-3rd, 4th-8th, and 9th-12th. These posters will be placed around state forests to inform campers of invasive species and how to stop the spread of them.

Other prizes may be awarded, and students will be recognized at the annual Forestry-Bureau luncheon in Des Moines.

Rules for Student Posters:

- Must include the topic of Emerald Ash Borer, Gypsy Moth, or both
- Must inform public about the invasive species and how to stop its spread.
- No larger than 12x18 inches
- Put your name, school, grade level, and teacher on the back
- Must be turned into the office by the date set by the school.

Guidelines for Schools:

- Collect the posters by a date that will allow you to mail them on time.
- Choose one poster from k-3rd, 4th-8th, and 9th-12th
- Include contact name, address, phone and e-mail

Mail the posters to:

Laura Wagner, Iowa DNR
Trees for Kids and Teens
Coordinator
502 E 9th St.

Des Moines, IA 50319

- Poster must be postmarked by January 15, 2011 to be eligible for review.

Emerald Ash Borer and Gypsy Moth

Emerald Ash Borer is a beetle from Asia. It was discovered in July of 2002 feeding on ash trees in the Michigan area, then found in Iowa in May, 2010. The larvae of EAB feed on the cambium, (a layer of cells within the tree trunk) eventually killing the branches and the entire tree.

The spread of EAB is often due to moving infested firewood from one place to another. So, it is important that people burn firewood where they buy it.

As caterpillars gypsy moths eat the leaves off of trees. This is called defoliation and it is very stressful. After a tree has been stripped of its leaves it can become weak. This leaves them open for attack by other pests that would normally leave them alone.

Help stop the spread of this invasive species by checking your car and other equipment for egg masses before you leave for a wooded area and again before you return home. Also check your patio furniture and other structures, found under trees, for fallen egg masses.