Slow The Spread of the Gypsy Moth
GYPSY MOTH
IDENTIFICATION TRAINING
FOR THE
TIMBER INDUSTRY
Know how to Identify Gypsy Moth

Know where risks of moving Gypsy Moth are coming from
1. HISTORY
2. LIFE CYCLE/IDENTIFICATION
3. HOST TREES AND DAMAGE
4. INSPECTIONS
5. REGULATIONS / CERTIFICATION
6. WHAT ARE WE DOING ABOUT IT?
GLOBAL DISTRIBUTION OF GYPSY MOTH
GYPSY MOTH MOVEMENT OVER THE LAST CENTURY
Male Moth Catch in Wisconsin
GYPSY MOTH LIFE STAGES

- Adult Female
- Adult Male
- Pupa
- Egg Mass
- Caterpillar
EGG MASS

(September to May)

CAN CONTAIN UP TO 1000 EGGS

CARAMEL COLORED AND SOFT TO THE TOUCH

CAN BE FOUND ON ANY OUTSIDE OBJECT
LARVA
( CATERPILLAR )
May through June

VERY HAIRY

5 PAIRS OF BLUE SPOTS
6 PAIRS OF RED SPOTS

CAN CAUSE RASH AND ASTHMA PROBLEMS

MOST HARMFUL LIFESTAGE-DEFOLIATES TREES
PUPA
(COCOON)
Early to Mid-July

1 INCH LONG
DARK BROWN SHELL
SMALL HAIRS
ADULT
(MOTH)

MALE
July through August

FEMALE

DOES NOT FLY

FEATHERY LIKE ANTENNA

DISTINCTIVE V’S ON WINGS
Female Gypsy Moth & Egg Mass
Gypsy Moth Host Trees

Larvae feeds on over 600 species of trees and shrubs

Prefers OAK, willow, apple, aspen, birch, basswood, tamarack, and linden.

Avoids ash, cedar, Scotch pine, balsam, dogwood, and locust.
Larvae Can Blow in on Silken Threads
Defoliation leaves trees stressed, vulnerable to borers, diseases and creates human nuisance.
Can look like Winter in July
75 million acres defoliated since 1970
Industry Affected

- Mobile and Manufactured Homes
- Firewood
• TIMBER

• NURSERY STOCK

• CHRISTMAS TREES
Due to high populations of gypsy moth caterpillars, Rocky Arbor State Park will be closed from June 18 - June 27. This is an effort to help reduce the spread of this exotic pest.
Want this in your front yard?
INSPECTIONS

WHERE TO LOOK FOR LIFE STAGES
In the Forest Setting
Look Up!
#1 Method GM is moved into new areas
People and Firewood
WHAT TO DO IF A LIFE STAGE IS FOUND

-EGG MASS/PUPA

- Scrape off life stage and destroy it; burn or place in warm soapy water for 24 hours and throw out.

-LARVA/ADULT

- Place in warm soapy water for 24 hours and throw out.

Stepped on or burn.
Gypsy Moth Quarantine
How it works:

“What is a quarantine?”

When a county is deemed “generally infested” due to years of high trap catches and the discovery of egg masses indicating breeding populations, it then becomes QUARANTINED by state and federal authority.

“What does it mean?”

Anyone moving goods (outdoor household articles, recreational vehicles and equipment, firewood, nursery stock, TIMBER, etc.) from a quarantined area to a non-quarantined area needs to follow rules set up to prevent the spread of this pest.
Gypsy Moth Quarantine

What industries (TIMBER, firewood, nurseries, Christmas trees, home builders, etc.) need to do:

• Obtain a **State Permit** if you’re moving goods *from* a quarantined area in WI *to* a non-quarantined area in WI.

• Obtain a **Federal Compliance Agreement** if you’re moving goods *from* a quarantined area in WI *to* a non-quarantined area in another state.
Obtain a State Permit
What Can You Do?

1. Know how and where to look for gypsy moth.
2. Know how to dispose of gypsy moth.
3. Follow regulations.

http://gypsymoth.wi.gov

1-800-642-MOTH
STS Action for Loggers/Truckers

- Get trained by DATCP to ID GM egg masses
- Get a Compliance Agreement
- Transport loads with **inspection statements**.
- Take wood to a mill that will process it according to their State or Federal Compliance Agreement
Inspection Statements used for Wood Movement:

- USDA 540
- USDA 530 (Limited Permit)
- Accurate Statement
- State (DATCP Inspection Statement)
Inspection Statements used for Wood Movement:

- USDA 540
- Fully inspected and free to move
Inspection Statements used for Wood Movement:

- USDA 530 (Limited Permit)
- Can leave quarantine, but more processing is needed.
Inspection Statements used for Wood Movement:

- **Accurate Statement**
Inspection Statements used for Wood Movement:

- State (DATCP Inspection Statement)

**INSPECTION STATEMENT FOR INTRASTATE MOVEMENT OF REGULATED ARTICLES**

Each load leaving a gypsy moth quarantined county and moving into a non-quarantined county **MUST** be accompanied by an Inspection Statement from a WDATCP trained individual. This form can be used as your inspection statement by checking one of the selections below, signing, including ID Number and Date. This form must be presented to the receiver at the destination mill and will be kept on file for 36 months.

- The logs were found to be free of gypsy moth infestation.
- Gypsy moth life stages found on the logs were removed and destroyed within the quarantine area.
- Load is pulpwood, chips, or woody biomass destined for a pulp mill, staging yard, or biomass plant with a valid compliance agreement.

Signature & Printed Name       Compliance agreement number       ID Number       Date
Certification Contacts

State
Wisconsin Department of Agriculture, Trade, and Consumer Protection
PO BOX 8911
Madison, WI 53708-8911
Timothy Allen - (715) 891-8158

Federal
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
1 Gifford Pinchot Drive
Building 1 Room 204
Madison, WI 53705
Christopher Deegan- (608) 286-3604