

INSTRUCTIONS FOR GYPSY MOTH PHEROMONE TRAPPING PROGRAM

Direct any inquiries to:

Trapping Program Coordinator
USDA Forest Service, Forest Health Protection
P.O. Box 2680
Asheville, NC 28802
Phone: (828) 257-4843

**** Throw away all traps left over from previous years. The pheromone is no longer effective. ****

1. Virginia, North Carolina, South Carolina, Kentucky, Georgia, and Tennessee should have their traps in the field before June 1st. Florida should have their traps in the field by April 15th.
2. Place traps in high value or high use areas such as campgrounds, picnic areas, visitor center parking lots, etc. Two traps per each of these kinds of areas are sufficient, unless the areas are large; in which case more traps may be used.
3. Delta style traps
 - a. The traps can be tied, nailed, or stapled directly to the side of a tree. Make sure the trap is attached to the tree with the print side facing out so that rainwater can drain out of the holes on the bottom of the trap. Traps should be placed so they will not be disturbed (approximately 5 ½ feet above the ground), but can be easily inspected.
 - b. Stapled to each delta trap is a string or strip lure. Upon assembly of the trap this lure will hang down and inside the trap. This lure is a synthetic form of the female gypsy moth pheromone, which will "lure" male gypsy moths inside the trap. Once the male gypsy moths enter the trap they become stuck to the glue like substance inside the trap. **Do not remove this lure from the trap.**
4. When placing the traps in the field, number the traps consecutively beginning with number 1. Complete the following items on the first page of the triplicate trap record sheet: **(NOTICE: Three traps can be recorded on each trap record sheet)**
 - National Forest/Agency (ex. Jefferson National Forest, NPS, TVA, USMC, etc.)
 - District/Facility (example: Clinch RD, Shenandoah National Park, Nickajack Dam, etc.)
 - State (If your facility falls in two states, use a separate trap record for each state).
 - Trapping year.
 - Trapper's Name.
 - Phone No - include area code.
 - Trap number.
 - Date set - record the month and day the trap is placed in the field.
 - County - record the county where trap is located.
 - Coordinates - latitude/longitude to the nearest minute or UTM's and zone. These will be used to map the results of the survey and are easily obtained off USDA Geological Survey Quadrangle maps, good state road maps or county maps.
 - Recreation Area - campground or picnic areas name.
 - Brief directions to trap (example: northeast corner of visitor center parking lot). These will be very important if follow up egg mass surveys are necessary.

Please note that the Trap Check section will be completed at a later time.

5. **Maps** – If you will be placing the same number of traps in the same locations as last year and have previously submitted a map with the trap locations, I will not need a map from you. If you are placing more traps or fewer traps than last year, I will need a map of your facility showing the location of each trap-by-trap number. This map, along with the pink copy of the trap record sheet,



United States
Department of
Agriculture

Forest
Service

Region 8
Forest Health Protection

200 Weaver Blvd.
P.O. Box 2680
Asheville, NC 28802
828-257-4319 Voice
828-257-4856 Fax
828-259-0503 TDD

File Code: 3410
Route To:

Date: March 24, 2004

Subject: Gypsy Moth Pheromone Trapping Program

To: Gypsy Moth Trappers

Enclosed are the gypsy moth pheromone traps, instructions, and trap record sheets for the 2004 program. We appreciate the effort you have put into the program in the past and it is our understanding that you will be participating again this year.

I would like to take this chance to stress a few points about the upcoming program.

1. All traps should be deployed by June 1st. Moth flight can start as early as June 1st in the coastal plain or piedmont of southern states, so it is important to have the traps out by June 1st in these areas. If your entire facility is located in the mountains above 2500 feet in elevation, trap deployment can be delayed for approximately two weeks. However, even at higher elevations all traps should be deployed no later than June 15th. **Florida facilities should deploy traps by April 15th.**
2. Throw away any traps left over from previous years: the pheromone is no longer effective. It is very important that only freshly baited traps be used. If we haven't sent you enough traps, please contact the Trapping Program Coordinator for more.
3. Be sure to send all suspect trap catches to Forest Health Protection for verification. We have sent more traps than you will initially need to deploy; the extras are to be used as replacement traps in the event a suspect moth is captured or a trap is vandalized.
4. Unless we (Forest Health Protection) have recommended otherwise, the location and number of traps placed on your facility in 2003 will be sufficient for the 2004 trapping season. For best information, continue to deploy traps in any recreation/trailhead parking area where visitors, especially those from the infested area to the north, may park.

The instructions included in your trapping package go into more detail on these and other items. Please make sure that all personnel involved in the trapping program have a chance to review the instructions and this letter. Should you have any questions regarding the program, please call me at (828) 257-4843. Visit our website at <http://fhpr8.srs.fs.fed.us> for the latest information on the gypsy moth trapping program.

Derek L. Puckett
Biologist/Trapping Program Coordinator

Enclosures



Caring for the Land and Serving People

Printed on Recycled Paper



GYPSY MOTH TRAP RECORD

National Forest/Agency: U.S. Fish + Wildlife District/Facility: Mountain Longleaf NWR
 State: AL Trapping Year: 2004 Trapper's Name: Bill Garland Phone No. 256-848-6833

Trap # 1 Date Set: 5 / 24 County: Calhoun TRAP CHECKS
 mo day # male
 Date moths
 Latitude Longitude Coordinates UTM'S
 or
 deg min sec deg min sec Easting Northing Zone
 Recreation Area:
 Directions to trap: Bains Gap Rd + St Clair Rd
 Total

Trap # 2 Date Set: 5 / 24 County: Calhoun TRAP CHECKS
 mo day # male
 Date moths
 Latitude Longitude Coordinates UTM'S
 or
 deg min sec deg min sec Easting Northing Zone
 Recreation Area:
 Directions to trap: Bains Gap Rd, east of gap
 Total

Trap # _____ Date Set: / County: _____ TRAP CHECKS
 mo day # male
 Date moths
 Latitude Longitude Coordinates UTM'S
 or
 deg min sec deg min sec Easting Northing Zone
 Recreation Area:
 Directions to trap: _____
 Total

Submit pink copy when trap is set.
 Submit white copy after final trap check.
 Keep yellow copy for your files.

Submit to: US Forest Service, FHP
 P. O. Box 2680
 Asheville, NC 28802
 (828) 257-4320

R8-FS-3400-1 (2/87)
 Revised (1/02)