

**PHASE II OF THE
REPORT OF THE
DEPARTMENT OF AGRICULTURE
AND CONSUMER SERVICES**
(See HOUSE DOCUMENT 2 for Phase I)

Increasing Public Knowledge of The Gypsy Moth

**TO THE GOVERNOR AND
THE GENERAL ASSEMBLY OF VIRGINIA**



HOUSE DOCUMENT NO. 2A

**COMMONWEALTH OF VIRGINIA
RICHMOND
1990**

**Increasing Public Knowledge
Of The
GYPSY MOTH**

**A Study Authorized
By The 1989
Virginia General Assembly**

**House Joint Resolution
Number 391**

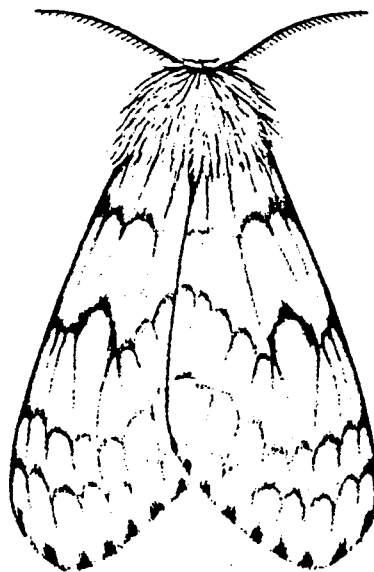


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HOUSE JOINT RESOLUTION NUMBER 391
INCREASING PUBLIC KNOWLEDGE OF THE GYPSY MOTH

INTRODUCTION AND EXECUTIVE SUMMARY

As directed by House Joint Resolution 391, this study was divided into two phases. Phase I, was published July 1, 1989. Phase I identified recommendations regarding the Commonwealth's budget process and how the process might be revised to reflect the biological data gathering techniques currently used to estimate the cost of suppression programs. The particular problem the Virginia Department of Agriculture and Consumer Services (VDACS) encounters is forecasting populations two years in advance to coincide with the budget preparation process.

Phase II of this study was designed to address the following areas:

- A. The feasibility of using gypsy moth caterpillar counts in lieu of gypsy moth egg mass counts in preparing suppression programs.
- B. Encouraging local government and citizen involvement through education in the gypsy moth suppression program which would:
 - i. help identify problem gypsy moth populations in a timely manner and
 - ii. allow for more complete and effective gypsy moth programs.

Each of the above two areas are addressed in this report. A series of four different questionnaires were utilized to obtain information from clients of the Cooperative Gypsy Moth Suppression Program.

Conclusions and recommendations on each area of the Phase II study are addressed in detail at the end of each portion of the report.

In addition to the questionnaire mailed to local government gypsy moth personnel, the Department requested copies of any gypsy moth educational material produced and used by local governments. This material is on file with the Bureau of Plant Protection and may be viewed upon request.

Throughout this study, the terms "regulated area" and "generally infested areas" are used interchangeably.

VDACS' RECOMMENDATIONS REGARDING THE FEASIBILITY OF USING LARVAL COUNTS
IN LIEU OF EGG MASS COUNTS IN PREPARING SUPPRESSION PROGRAMS:

- VDACS should continue to monitor current research in methods development for predicting gypsy moth population trends.
- Until a reliable alternative survey tool is developed to predict future defoliation, the Commonwealth should continue to use established egg mass survey methods to plan and develop suppression projects.

RECOMMENDATIONS ON HOW TO RAISE THE LEVEL OF CITIZEN KNOWLEDGE ABOUT
GYPSY MOTH THROUGH A BROAD-BASED EDUCATIONAL PROGRAM:

- Virginia Polytechnic Institute and State University (VPI&SU) Cooperative Extension Service should conduct training of all Cooperative Extension personnel in the gypsy moth including life cycle, damage and its impact, control strategies and government control programs.
- VPI&SU Cooperative Extension Service should advertise the availability of gypsy moth educational materials to local governments at no charge to them.

- VDACS should hold a meeting of all local government officials once each year in localities where needed to explain the gypsy moth and its impact.
- Localities in cooperation with VPI&SU Cooperative Extension Service through cost sharing should develop several mobile displays explaining the gypsy moth and control strategies. The display could then be made available for use at county fairs, schools, and other public functions.
- VDACS and VPI&SU Cooperative Extension Service should jointly develop a video tape on the gypsy moth and Virginia's Cooperative Gypsy Moth Suppression Program for use by schools, local government personnel and Cooperative Extension personnel.
- VDACS Communication Office should work with the television media including cable, educational and public service, to develop a series on the gypsy moth.
- VPI&SU Cooperative Extension Service should work with the Department of Education to specifically include the study of the gypsy moth in their Standards of Learning.

PHASE II-A

The gypsy moth, Lymantria dispar L., is the most important defoliating insect of hardwood trees in the Eastern United States¹. Since its accidental introduction into this country from Europe in the late 1860's, this insect has received singular attention from research, regulatory, and control specialists of many disciplines. Possibly no other forest insect has been studied as thoroughly or has been the target of such intense containment, control, or eradication strategies².

Despite all efforts, the gypsy moth has persisted in the United States and continues to extend its range. The insect is now firmly established in the Northeastern United States, including the northern half of Virginia. Within the generally infested area, gypsy moth numbers fluctuate widely in time and place in an almost unpredictable fashion and in response to a diversity of factors and processes².

The gypsy moth is in the insect order Lepidoptera, which contains moths and butterflies. Moths and butterflies are characterized by having complete metamorphosis, with caterpillars (larvae) transforming to pupae, then metamorphosing into adult males and females². The female gypsy moth deposits her eggs in a well-formed egg mass in June or July, and dies shortly thereafter. The egg mass, which is the over-wintering stage, may contain from 75 to 1,000 eggs. The eggs in an individual egg mass can hatch completely over a period of 3 to 5 days, but may take as long as 2 to 3 weeks depending on the location of the mass. Larvae usually begin emerging from individual egg masses in late April or early May. After dispersing, larvae begin feeding when they encounter acceptable food plants, and eat for 5 to 7 weeks, molting 5 to 6 times as they grow.

Larvae usually complete their development in late June or early July, attach themselves to a surface with strands of silk, and then transform into pupae. Pupation lasts about 2 weeks, during which time the transformation into the adult moths occurs. Adult male and female moths emerge to mate, usually in July, and live for about 1 week. Within 24 hours after mating, the female moth lays her eggs to complete the life cycle¹.

The gypsy moth has always been a "people problem." Defoliation often occurs in populated areas where homes and developments are located on previously forested land. Under these conditions, the gypsy moth defoliates not only woodland trees but also valuable park and ornamental trees. In urban settings, gypsy moth larvae are a major nuisance as they defoliate shade and ornamental trees, migrate and leave debris from their feeding. The death of trees from constant defoliation and the substantial cost of their removal and replacement adds to the homeowner's distress¹.

Detection and evaluation of the gypsy moth and host population interaction form the core of any pest management decision-making procedure. Detection and evaluation methods rely upon sound, detailed knowledge of pest and host biological and ecological relationships. This knowledge, when coupled with economic or sociological data, creates an atmosphere for decision-making regarding management alternatives on a rational basis².

Any insect stage could be used to determine gypsy moth population density. However, larvae, pupae, and adults are present for extremely short periods and would present difficult sampling problems. The egg mass has historically been used because it is stable over the season and

available for at least 8 months, thus providing adequate time for obtaining population estimates and planning a control program if needed².

Sampling gypsy moth larval populations is a difficult problem because of their location and movement. Since larval activity is affected by weather conditions, observed larval counts tend to be lower on overcast days compared to bright, sunny days. Another technique for larval sampling is collecting frass (larval excrement) on drop cloths erected hammock fashion under trees. It is used only for research purposes because frass collecting is prone to many disturbances such as wind, rain, dew, and animals. Two additional problems can occur with larval surveys in high gypsy moth populations: a) the larva will migrate out of the survey area if food supplies are depleted, and b) the larva may contract a virus which may kill 90 percent of the population. Changes of this sort will dramatically affect the defoliation probability for the following year².

Gypsy moth egg masses are the life stage most often observed, mainly because they are present in the field from July through May, and persist even after the larvae emerge. Egg-mass size is an indicator of the severity of a gypsy moth infestation. Declining outbreaks are characterized by the presence of many small masses that contain as few as 75 to 100 eggs. In static or growing populations, the egg masses may be fewer in number but are larger and contain from 700 to 1,000 eggs¹. The density of egg clusters per unit area is the most reliable means for estimating population density and predicting population trends².

In 1981 the United States Department of Agriculture published a comprehensive compendium of current gypsy moth research focusing on the

following areas: bioecology, survey, suppression, and eradication. This compendium was reviewed for information relative to the use of larval survey data for planning suppression projects.

In addition to the literature review, a questionnaire was developed to determine if any supportive research had been conducted in the eight years since the compendium was published. On April 19, 1989 a request for information relating to the feasibility of using gypsy moth larval counts to develop suppression projects was mailed out to 32 researchers, federal, state, and local professionals, and private gypsy moth management consultants (see Appendix I, Attachment III). Twenty-seven responses were received, for a return rate of 84.4 percent. A summary of the responses follows:

Question: "Are you aware of any research that supports the use of larval survey data, in lieu of egg mass counts, to develop suppression projects for the following year?" There were 26 negative responses and 1 positive response. The positive response had the qualifying statement "These papers do not support use of larval survey, in lieu of egg mass counts, per se, but provide an alternative." The alternatives cited were the use of frass counts, and collection of head capsules.

Question: "...do you think that using larval survey data to plan suppression projects for the next year is reasonable?" There were 26 negative responses and one positive response. The positive response had the qualifying statement "We use larval surveys to supplement egg mass counts, especially in sparse gypsy moth (populations). Larvae under burlap can be detected more easily than (egg masses) in sparse gypsy moth (populations)." It is interesting to note that the one affirmative respondent to the first question answered this question in the negative.

Conclusion:

The general conclusion from the review of compiled research and the analysis of the survey of gypsy moth program leaders is that there is currently no published research which supports the use of larval surveys, in lieu of egg mass counts, to develop suppression projects for the following year. Further, it was found that the use of larval survey data to plan suppression projects for the next year would be very unreliable.

Larval populations have been studied intensively over the past 50 years in the process of developing various survey methods. None of the various methods (timed walks, frass collections, head capsule counts, burlap banding) have proven reliable enough to predict tree defoliation the next year. The combined factors that cause this are: 1) the difficulty inherent in surveying insects on the move, 2) unpredictable larval mortality rates due to weather, viral disease outbreaks, or predation by small mammals (i.e., the white-footed mouse), 3) the short time span available in which to conduct the survey, and 4) the additional variables that can adversely affect the pupae, adult, the overwintering egg mass stage, and the hatching of the caterpillars that will cause defoliation the following spring.

Egg mass surveys have been proven over the years to be the most reliable indicator of potential defoliation for the coming season. The long survey period provides ample time to carefully evaluate the dormant population. The stationary egg masses can be carefully counted and recounted if necessary, scrutinized for any parasitism by egg parasites, checked for fertility and mortality due to weather conditions. The size of egg masses can be measured to indicate the overall health of the

population entering the next season. Although the reliability of egg mass surveys outweighs that of larval surveys in predicting defoliation, variables such as viral disease, unfavorable weather for young caterpillar survival, and strong winds blowing young caterpillars out of the area, can have an adverse effect on the prediction.

Recommendations:

Because there are many environmental factors that can increase or decrease gypsy moth populations, it is important to account for as many of them as possible when making planning decisions for suppression projects. Since these factors cannot be controlled, the best course of action is to eliminate as many of them as possible through careful timing. Surveys for suppression project planning purposes should be conducted only on the life stage (egg mass) immediately preceding that which is to be controlled (caterpillar), thus eliminating the errors that would occur because of the variables affecting the preceding life stages.

Therefore, the Virginia Department of Agriculture and Consumer Services should:

1. continue to monitor current research in methods development for predicting gypsy moth population trends, and
2. continue to use established egg mass survey methods to plan and develop suppression projects until a reliable alternative survey tool is developed to predict future defoliation.

Appendix A:

Attachment 1 - Survey Questionnaire

Attachment 2 - Survey Cover Letter

Attachment 3 - List of Persons Surveyed

References:

1. The Homeowner and the Gypsy Moth: Guidelines for Control;
USDA Combined Forest Pest Research and Development Program Home
and Garden Bulletin No. 227; 34 pages.
By Michael L. McManus, D. R. Houston, & W. E. Wallner

2. The Gypsy Moth: Research Toward Integrated Pest Management; USDA
Expanded Gypsy Moth Research and Development Program, Forest
Service Science and Education Agency
Technical Bulletin 1584
Edited by Charles C. Doane and Michael L. McManus
757 pages.

PHASE II-B

The gypsy moth, Lymantria dispar L., is the most important defoliating insect of hardwood trees in Virginia. The Virginia Department of Agriculture and Consumer Services has been monitoring this pest, since the early 1960's. Initially, when an infestation was found, the Department conducted an eradication program to eliminate the pest. The eradication strategy was continued until 1983 when it was determined that the gypsy moth had become established in several Northern Virginia localities. As a consequence, a suppression program was developed as a strategy for these areas in lieu of eradication. The Cooperative Gypsy Moth Suppression Program was developed and is being implemented.

The Cooperative Gypsy Moth Suppression Program is a 50-50 cost share program available to all Virginia local governments. The purpose is to protect contiguously forested areas from serious gypsy moth damage. Priority is given to residential, recreational, watershed and special-use areas. State funds appropriated for gypsy moth suppression are allocated into two categories: 1) Low level infestations, and 2) Moderate and high level infestations. This approach provides funding for both categories when funds are limited, thus enabling all local governments to participate in the Program. In addition to state funding, the United States Department of Agriculture-Forest Service provides federal funding for the aerial treatment of gypsy moth infestations provided their criteria are met. If Forest Service participation is included in a local government suppression program, the cost is allocated in the following manner: 50% federal, 25% state and 25% local government.

In an effort to gather information on ways local governments encourage citizen involvement in the gypsy moth suppression program, several surveys were conducted. One, developed cooperatively by the Virginia Department of Agriculture and Consumer Services and the Virginia Cooperative Extension Service, surveyed local government personnel including gypsy moth coordinators, city managers, county administrators and cooperative extension agents, to determine their educational efforts and input on the gypsy moth suppression program.

A second survey, developed cooperatively by the Virginia Department of Agriculture and Consumer Services and the Virginia Department of Education, surveyed school administrators in gypsy moth infested areas to determine the current status of education regarding the gypsy moth in Virginia's schools. See Appendix B, Attachment 1 for a Virginia map identifying gypsy moth infested areas as of January 1, 1989.

The third survey, developed by the Virginia Department of Agriculture and Consumer Services, was sent to environmental organizations seeking their input with respect to a gypsy moth educational process. A total of 376 questionnaires were sent to individuals and organizations with the following distribution:

Local government personnel	297
School superintendents	76
Environmental groups	3

Attachment 2 in Appendix B is the questionnaire that was sent to local government personnel; Attachment 3 in Appendix B is the questionnaire that was sent to school superintendents in the infested area; and Attachment 4 in Appendix B is the questionnaire that was sent

to environmental groups. A list of those sent questionnaires follows each questionnaire.

Results:

Local Government Personnel

Approximately 49% of those contacted responded. Further analyses indicates the following:

	Gypsy Moth <u>Infested Areas (%)</u>	Gypsy Moth <u>Uninfested Areas (%)</u>
Responses	47	54
Have a gypsy moth program	79	12
Have a gypsy moth coordinator	76	12

All respondents stated Virginia Cooperative Extension personnel dealt with gypsy moth questions in lieu of a gypsy moth coordinator.

Functioning Gypsy Moth Educational

Program For:

Citizens	75	18
Government Officials	56	12

The communication tools most commonly used were printed material, speaking engagements and newspaper articles. Local government officials

were asked to identify from their perspective the most effective elements of a gypsy moth educational program. Seventy-five percent indicated printed material and newspaper articles were the most effective. However, 60% indicated the need for video tapes.

The brochure "Gypsy Moth A Major Pest of Trees" was used most frequently by those localities with infestation problems (64%). The next most distributed publication was the USDA-FS Gypsy Moth Handbook No. 227, "The Homeowner and Gypsy Moth: Guidelines for Control" (44%). 50% of the respondents indicated that they had at least heard of the majority of the publications.

In uninfested areas, only two of the publications, "Gypsy Moth A Major Pest of Trees" and Extension publication 444021 "Recognition and Life History of Gypsy Moth", had any degree of visibility. Both experienced a low utilization. The most widely used publication in these areas was "Gypsy Moth A Major Pest of Trees" (28%).

One hundred percent (100%) of the respondents representing infested areas indicated a need for a cooperative suppression program. 82% of the respondents from uninfested areas indicated a suppression program was not necessary for their locality until an infestation occurred.

Several of the respondents offered suggestions on ways to encourage local governments and citizens to participate in the Cooperative Gypsy Moth Suppression Program. The majority suggested a general citizen education program to alert citizens as to the nature and extent of the gypsy moth problem. Techniques suggested included cable and educational television, seminars for local leaders and infested site visitations. Others included kits to be distributed to citizens through local post

offices or libraries, education of cooperative extension agents and demonstrations to be used at county fairs.

School Superintendents

Only school superintendents within gypsy moth infested areas were sent questionnaires. Analysis indicates the following:

Responses	80%
Curriculum includes study of insects	98%
elementary	80%
middle	77%
high	80%
Curriculum includes study of gypsy moth	49%
elementary	18%
middle	28%
high	41%
Gypsy moth topics taught in curriculum	
life cycle	44%
why it's a pest	51%
control techniques	30%
government control programs	15%

Schools preferred printed material and video tapes for instructional tools. The least preferred instructional aid was guest speakers. Other educational materials suggested included posters, gypsy moth specimens,

mobile displays and student worksheets. Several respondents suggested that the Standards of Learning be revised to require a more formalized teaching regarding the gypsy moth and the problems associated with this pest.

To educate the general public, most of the respondents stated that television would be an effective tool, especially public service announcements and public television. Other suggestions included field trips to infested areas during late larval development, informational flyers mailed with utility bills, articles in the Weekly Reader and seminars for science teachers.

Environmental Organizations

One of three environmental organizations surveyed responded. The Piedmont Environmental Council indicated they have a gypsy moth education program for citizens using printed material and speaking engagements. The majority of their gypsy moth educational effort is to inform their members of workshops or other gypsy moth presentations.

Conclusions:

The overall conclusion from the surveys is that local governments are not likely to undertake gypsy moth suppression or education programs until an infestation occurs. Consequently, the responsibility for educating the public in those areas of Virginia which do not have a gypsy moth infestation is left to the following state agencies: (1.) VDACS, (2.) VPI&SU Cooperative Extension and (3.) Virginia Department of Forestry.

The current educational materials available from state agencies are made available to all localities but are only utilized by those with a gypsy moth problem, primarily because localities develop their own educational materials. Localities that do not have a gypsy moth problem either do not use the material or are unaware of its existence.

The study of insects is part of the curriculum in most Virginia schools at all levels, but less than 50% of them include the study of the gypsy moth. The gypsy moth life cycle and the fact that it is a pest was the subject area most addressed by schools. Government control programs was the least discussed subject. The use of video tapes was deemed to be an excellent tool to increase public knowledge of the gypsy moth problem.

The most often reported suggestion for new ways to educate the public was television, including cable, educational and public service. This approach would provide access to the greatest number of citizens.

Recommendations:

1. VPI&SU Cooperative Extension Service should conduct training of all Cooperative Extension personnel on the gypsy moth including life cycle, damage and its impact, control strategies and government control programs.
2. VPI&SU Cooperative Extension Service should advertise the availability of gypsy moth educational materials to local governments at no charge to them.
3. VDACS should hold a meeting of all local government officials once each year in localities where needed to explain the gypsy moth and its impact.

4. Localities in cooperation with VPI&SU Cooperative Extension Service through cost sharing should develop several mobile displays explaining the gypsy moth and control strategies. The display could then be made available for use at county fairs, schools, and other public functions.
5. VDACS and VPI&SU Cooperative Extension Service should jointly develop a video tape on the gypsy moth and Virginia's Cooperative Gypsy Moth Suppression Program for use by schools, local government personnel and Cooperative Extension personnel.
6. VDACS Communication Office should work with the television media including cable, educational and public service, to develop a series on the gypsy moth.
7. VPI&SU Cooperative Extension Service should work with the Department of Education to specifically include the study of the gypsy moth in their Standards of Learning.

Appendix B:

- Attachment 1 - Map of Virginia Gypsy Moth Regulated Area (Infested Area)
- Attachment 2 - Local Government Personnel Questionnaire and Mailing List
- Attachment 3 - School Superintendents Questionnaire and Mailing List
- Attachment 4 - Environmental Groups Questionnaire and Mailing List

Please complete by May 15, 1989

APPENDIX A
ATTACHMENT 1

Q U E S T I O N N A I R E

Are you aware of any research that supports the use of larval survey data, in lieu of egg mass counts, to develop suppression projects for the following year? YES___ NO___

IF YES, please provide the following information:

Title of paper: _____

Author: _____

Date published: _____

Where published: _____

IF NO, do you think that using larval survey data to plan suppression projects for the next year is reasonable? YES___ NO___

Please explain _____

Thanks for taking the time to complete this questionnaire.

PLEASE PRINT the following information.

NAME: _____

AGENCY: _____

PHONE NUMBER: (_____) _____ - _____

FAX NUMBER: (_____) _____ - _____

Mail the completed form, by May 15, 1989 to:

Robert E. Bailey
Virginia Department of Agriculture & Consumer Services
Bureau of Plant Protection, Room 401
P. O. Box 1163
Richmond, Virginia 23209



COMMONWEALTH of VIRGINIA

S. MASON CARBAUGH
COMMISSIONER

DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

Division of Product and Industry Regulation

P. O. Box 1163, Richmond, Virginia 23209

C. KERMIT SPRUILL
DIRECTOR

April 19, 1989

Dear _____:

This is a request for published information or documented research that relates to the feasibility of using gypsy moth larval counts, in lieu of fall egg mass counts, to forecast population densities and predict potential for defoliation in order to develop suppression projects for the following season. This information is needed by May 15, 1989 in order for the Department to respond to a request by the Virginia General Assembly.

The Virginia General Assembly has stated, in House Joint Resolution No. 391 (1989 Session), that "it is easier to identify and count caterpillars rather than egg masses of the gypsy moth", and has, therefore, directed this Department to "examine and report on . . . the feasibility of using gypsy moth caterpillar counts in lieu of gypsy moth egg mass counts" The intent of the General Assembly is to determine whether or not suppression project planning can begin 3 months earlier, by using larval counts to develop the spray blocks for next spring, instead of waiting for fall egg mass count data.

We are currently unaware of any research that shows enough of a correlation between larval counts and fall egg mass counts to warrant switching to larval data for planning suppression projects.

If you are aware of any research information that would support the primary use of larval survey data to plan suppression work for the following year, we would like to hear from you. Enclosed is a short questionnaire. Please complete it and mail it to me by May 15, 1989. If you are tempted to put it in your pile of things to do sometime later, which may turn out to be much later, then give me a call instead at (804) 786-3516. I really need this information.

Thank's for your help.

Sincerely,

Robert E. Bailey,
Assistant Supervisor
Program Development & Evaluation
Bureau of Plant Protection

MAILING LIST FOR 4-19-89 LETTER REGARDING GYPSY MOTH QUESTIONNAIRE

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Bowling-Largen, Kim	Gypsy Moth Coordinator	Prince William County	8805 Sudley Rd., Suite 200 Manassas, VA 22110-4795
Bradley, Linda Tower	Supervisor, Plant Industry Section	Delaware Dept. of Agriculture	2320 South DuPont Highway Dover, Delaware 19901
Cameron, E. Alan, Ph.D.	Professor of Entomology	Penn State University	106 Patterson Bldg. University Park, PA 16802
Coffman, Charles C., Ph.D.	Director, Plant Pest Control Div.	West Virginia Dept. of Agriculture	State Capitol Building Charleston, WV 25305
Elkinton, Joseph S., Ph.D.	Professor of Entomology	University of Massachusetts	Department of Entomology Fernald Hall Amherst, MA 01003
Fleischer, Shelby, Ph.D.	Research Scientist	Department of Entomology VPI & SU	Blacksburg, VA 24061
Ghent, John H.	Entomologist	USDA Forest Service Forest Pest Management R-8	P. O. Box 2680 Asheville, NC 28804
Kegg, John	Chief, Bureau of Entomology	New Jersey Dept. of Agriculture	Plant Industry Division CN 330 Trenton, NJ 08625
Kolodny-Hirsch, Douglas M., Ph.D. Entomologist		ESPRO, Inc.	8980 Oakland Center Columbia, Md 21045

MAILING LIST FOR 4-19-89 LETTER REGARDING GYPSY MOTH QUESTIONNAIRE

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McManus, Michael L., Ph.D.	Research Entomologist	USDA Northeastern Forest Experiment Station	51 Mill Pond Road Hamden, CT 06514
Miller, Alan R., Sr.	Forest Entomologist	Plant Pest Control Division West Virginia Department of Agriculture	Charleston, WV 25305
Montgomery, Michael E.	Research Entomologist	USDA Northeastern Forest Experiment Station	51 Mill Pond Road Hamden, CT 06514
Ravlin, F. William, Ph.D.	Assistant Professor	Department of Entomology VPI & SU	Price Hall Blacksburg, VA 24061
Reardon, Richard	Project Leader, Appalachian Integrated Pest Management	USDA Forest Service	180 Canfield Street P. O. Box 4360 Morgantown, WV 26505
Schneeberger, Noel F.	Entomologist, Forest Pest Mgmt.	USDA Forest Service Northeastern Area State & Private Forestry	180 Canfield Street Morgantown, WV 26505
Schultz, Peter B., Ph.D.	Associate Professor of Entomology	Hampton Roads Agricultural Exp. Sta. VPI & SU	1444 Diamond Springs Road Virginia Beach, VA 23455
Schwalbe, Charles P., Ph.D.	Center Director	USDA-APHIS-PPQ	Otis Methods Development Center Otis Air National Guard Base Massachusetts 02542
Swain, Kenneth M.	Staff Entomologist	USDA-Forest Service	1720 Peachtree Street, N.W. Atlanta, GA 30367

MAILING LIST FOR 4-19-89 LETTER REGARDING GYPSY MOTH QUESTIONNAIRE

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Ticehurst, Mark, Ph.D.	Director	National Gypsy Moth Management Group	R.D. 1, Box 715 Landisburg, PA 17040
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Weidhaas, John, Ph.D.	Extension Entomologist	Department of Entomology VPI & SU	Cooperative Extension Service Blacksburg, VA 24061
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Yendol, William G., Ph.D.	Professor of Entomology	Penn State University	Pesticide Labs University Park, PA 16802

VIRGINIA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
Bureau of Plant Protection and Pesticide Regulation

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PH: 804/295-3394

EASTERN VIRGINIA

P.O. Box 232
Dale Circle & Delaware Rd.
Franklin, VA 23851
PH: 804/562-6637

P. O. Box 307
Accomac, VA 23301
PH: 804/787-2585

1444 Diamond Springs Road
- Virginia Beach, VA 23455
PH: 804/363-3902

f locality _____ Date completed _____

Name _____ Title _____

Mailing address _____

1. Does your locality currently have a gypsy moth program? yes no
2. Do you have a gypsy moth coordinator? yes no If yes, name of coordinator _____
If no, who answers questions regarding gypsy moth?
Name _____ Title _____

3. Does your locality have a program to educate: a) your citizens on the gypsy moth? yes no b) your government officials? yes no (If no to both questions, proceed to Question 3b.)

a. If yes to either question, please indicate which methods/materials are used by placing a check in front of the following:

printed material (pamphlets, leaflets, etc.) films video tapes radio tapes
 television tapes speaking engagements (garden clubs, etc.) displays
 lectures (Master Gardener courses, etc.) newspaper articles other (explain on back)

PLEASE ATTACH AN EXAMPLE OF ALL YOUR PRINTED MATERIAL PREPARED AT THE LOCALITY LEVEL.

b. If no, please indicate which materials/methods should be included as key elements in a gypsy moth educational program for your locality:

printed material (pamphlets, leaflets, etc.) films video tapes radio tapes
 television tapes speaking engagements (garden clubs, etc.) displays
 lectures (Master Gardener courses, etc.) newspaper articles other (explain on back)

4. The Commonwealth has a number of gypsy moth educational materials. Please indicate those that you are aware of and have used by inserting a 1; for those you are aware of but have never used a 2:

8 mm movie "Gypsy Moth, A Dilemma" VA Dept. Health VPI&SU Gypsy Moth Slide Set & Script
Dimilin Fact Sheet
 "Gypsy Moth A Major Pest of Trees" brochure The Gypsy Moth In Virginia Informational Series 1-6
 Extension Publication 444020 "Introduction to a New Pest of Trees" USDA-FS Gypsy Moth Handbook
No. 227 - "The Homeowner and
 Extension Publication 444021 "Recognition and Life History of Gypsy Moth" the Gypsy Moth: Guidelines
for Control"
 4-H Gypsy Moth Packet

What other educational materials would your locality desire to assist in your educational efforts?

1. _____ 3. _____
2. _____ 4. _____

6. What suggestions do you have to encourage local governments and citizens to participate in the Cooperative Gypsy Moth Suppression Program?

7. Based upon your knowledge of the gypsy moth, do you feel a government cooperative gypsy moth suppression program is necessary? yes no Explain.

8. Is there a need for multi-unit program support for education on gypsy moth (such as an agent with in-depth training to serve several localities)? yes no Comments.

9. Other comments?

Return By June 15, 1989 to:

Daniel J. Schweitzer
VDACS
P.O. Box 1163
Richmond, Virginia 23209

COUNTY	NAME	ADDRESS	TELEPHONE
	Mr. David Sivyver	Department of Parks & Forestry 2839 Dana Street Norfolk, VA 23509	804/441-2435
	Mr. John W. McCarthy	P. O. Box 222 Washington, VA 22747	703/675-3342
Accomack County	Mr. James F. Belote, III	P. O. Box 60 Accomac, Virginia 23301-0060	804/787-1361
Arlington County	Mr. James G. Bartalon	855 N. Edison Street Arlington, VA 22205	703/358-6400
Caroline County	Mr. Steven Hopkins	Box 339 Bowling Green, VA 22427	804/633-6550
Charles City County	Mr. Vernon Heath	P. O. Box 33 Charles City, VA 23030	804/829/6219
Chesterfield County	Mr. Michael L. Henry	P. O. Box 146 Chesterfield, VA 23832	804/751-4401
City of Alexandria	Ms. Carol Sporko	1108 Jefferson Street Alexandria, Virginia 22314-3999	703/838-5040
City of Chesapeake	Mr. Robert Pilch	Agriculture Dept. Civic Center 300 Cedar Road Chesapeake, VA 23320	804/547-6348
City of Hampton	Mr. Joseph A. Kertes	Department of Public Works 419 N. Armistead Avenue Hampton, VA 23669	804/727-1132 804/727-1146
City of Newport News	Ms. Chris Sargent	108 Main Street Newport News, VA 23601	804/599-8899
City of Poquoson	Mr. Jim Orband	P. O. Box 492 Yorktown, VA 23690	804/898-0050
City of Portsmouth	Mr. Tom Eaton	Community Development	804/393-8841

GYPSY MOTH COORDINATORS

COUNTY	NAME	ADDRESS	TELEPHONE
		801 Crawford Street Portsmouth, VA 23704	
City of Richmond	Mr. Elson A. Redmond	900 E. Broad Street Richmond, VA 23219	
City of Suffolk	Mr. Bob Coggsdale	P. O. Box 1858 Suffolk, VA 23434	804/934-3111 Ext. 409, 410
City of Virginia Beach	Mr. Randy Jackson	Department of Agriculture Municipal Center Virginia Beach, VA 23456	804/427-4611
Clarke County	Mr. Al Dunsmore	P. O. Box B Berryville, VA 22611	703/955-1131
Culpeper County	Mr. Carl Stafford	101 S. West Street Culpeper, VA 22701-3088	703/825-2233
Fairfax County	Mr. Peter Wood	Gypsy Moth Office 11242 Waples Mill Rd., Suite 200 Fairfax, VA 22030	703/246-5304
Fauquier County	Ms. Benji Brackman	14 Main Street Warrenton, VA 22186	703/347-8734 703/347-8650
Fluvanna County	Mr. Chet Maxey	P. O. Box 133 Palmyra, VA 22963	804/589-8122
Frederick Co. Gypsy Moth Office	Ms. Betsy Shenk	21 Court Square P. O. Box 601 Winchester, VA 22601	703/665-5684
Gloucester County	Ms. Barbara Hall	P. O. Box 864 Gloucester, VA 23061	804/693-2602
Goochland County	Mr. James R. Grove	P. O. Box 20 Goochland, VA 23063	804/556-5341
Hanover County	Mr. James T. Etheredge	205 Wickham Office Building	804/798-0371

GYPSY MOIH COORDINATORS

COUNTY	NAME	ADDRESS	TELEPHONE
		Hanover, VA 23069-0219	
Henrico County	Ms. Karen Carter	P. O. Box 27032 Richmond, VA 23273	804/672-5160
Isle of Wight County	Mr. Herbert L. Jones	Public Services Building Isle of Wight, VA 23397-0110	804/357-3191 Ext. 256
James City County	Mr. Ed Overton	P. O. Box 69 Toano, VA 23168	804/566-1367 804/566-1370/1392
	Mr. Rick Hall	Office of Development Management P. O. Box JC Williamsburg, VA 23187	
King & Queen County	Mr. Michael Day	King & Queen Courthouse Virginia 23085	804/785-2962
King William County	Mr. David S. Whitlow	Executive Offices King William, VA 23086	
Lancaster County	Mr. William M. Clement	P. O. Box 100 Lancaster, VA 22503	804/462-5788
Loudoun County	Mr. Mark Richardson	102 Heritage Way, N.W. Suite 302 Leesburg, VA 22075	703/777-0584
Louisa County	Mr. James Riddell	P. O. Box 399 Louisa, VA 23093-0399	703/967-1222
Mathews County	Ms. Roxanne Fry	P. O. Box 569 Mathews, VA 23109	804/725-7196
Middlesex County	Mr. W. D. Edwards, Jr.	P. O. Box 96 Saluda, VA 23149	804/443-3551
New Kent County	Mr. Clifton Davis	P. O. Box 80 New Kent, Virginia 23124	804/966-9645
Northampton County	Mr. Fred Diem	P. O. Box 451	804/678-5134

GYPSY MOTH COORDINATORS

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		Eastville, VA 23347	
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Page County	Mr. Bill Whittle	County Office Building Luray, VA 22835	703/743-5794
Powhatan County	Mr. Paul B. Geyer	P. O. Box 127 Powhatan, VA 23139	
Prince George County	Mr. George W. Board, Jr.	6450 Courthouse Road Prince George, VA 23875	804/733-2686
Prince William County	Ms. Kim D. Bowling Largen	8805 Sudley Road, Suite 200 Manassas, VA 22110-4795	703/335-6285
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Shenandoah County	Ms. Kathy Nies-Hepner	P. O. Box 390 Woodstock, VA 22664-0390	703/459-3739
Southampton County	Mr. Swanson Jennings	P. O. Box 107 Courtland, VA 23837	804/653-2572
Spotsylvania County	Mr. Raymond Simms	P. O. Box 95 Spotsylvania, VA 22553	703/582-7096
Stafford County	Mr. John A. Gray	359 Butler Road Falmouth, VA 22405	703/899-4020
Surry County	Mr. Cliff Slade	P. O. Box 205 Surry, VA 23883	804/294-5215
Sussex County	Mr. Swanson Jennings	P. O. Box 1308 Sussex, VA 23884	804/246-5511

GYPSY M C ORDINATORS

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York County	Mr. James K. Rindfleisch	P. O. Box 532 Yorktown, VA 23690	804/898-0135

COUNTY ADMINISTRATORS

COUNTY	NAME	ADDRESS	PH
Accomack County	Mr. Harold L. Johnston	P O Box 338 Accomac, VA 23301	(804) 787-4289
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Alleghany County	Mr. Macon C. Sammons, Jr.	P. O. Box 917 Covington, VA 24426	(703) 962-4918
Amelia County	Mr. Norman L. Auldridge	P. O. Box A Amelia, VA 23002	(804) 561-3039
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Appomattox County	Mr. Dennis E. Gragg	P O. Box 863 Appomattox, VA 24552	
Arlington County	Mr. Anton S. Gardner	1400 N Court House Road Arlington, VA 22201	(703) 558-2401
Augusta County	Mr. R. E. Huff	P. O. Box 448 Staunton, VA 24401	(703) 885-8931
Bath County	Mr. William K. Manion	P O. Box 309 Warm Springs, VA 24484	(703) 839-3064
Bedford County	Mr. Cecil C. Knowles	P. O. Box 234 Bedford, VA 24523	(703) 586-0421
Bland County	Mr. Donald Menderlite	P O Box 295 Bland, VA 24315	(703) 688-3821
Botetourt County	Mr. John B. Williamson, III	P O Box 279 Fincastle, VA 24090	(703) 473-8223
Brunswick County	Mr. Kevin D. Blackwell	P O Box 399 Lawrenceville, VA 23868	(804) 848-3107
Buchanan County	Mr. Guy Boyd	P O Drawer 950	(703) 935-2745

COUNTY ADMINISTRATORS

COUNTY	NAME	ADDRESS	PH
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Carroll County	Mr. Clinton D. Swain	P O. Box 515 Hillsville, VA 24343	(703) 728-3331
Charles City County	Mr. Fred A. Darden	P. O. Box 128 Charles City, VA 23030	(804) 829-2401
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Chesterfield County	Mr. Lane B. Ramsey	P. O. Box 40 Chesterfield, VA 23832	(804) 748-1190
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Craig County	Mr. Jeffrey D. Johnson	P. O. Box 308 New Castle, VA 24127	(703) 864-5010
Culpeper County	Ms Norma Dunwody	135 W Cameron Street Culpeper, VA 22701	(703) 825-3035
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Dinwiddie County	Ms. Wendy W. Quesenberry	P. O. Drawer 70 Dinwiddie, VA 23841	(804) 469-3717

COUNTY ADMINISTRATORS

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Fauquier County	Mr. Steve Crosby	40 Culpeper Street Warrenton, VA 22188	(703) 347-8680
Floyd County	Mr. Henry E. McDaniel	P. O. Box 218 Floyd, VA 24091	(703) 745-2028
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Grayson County	Mr. Donald G. Young	P. O. Box 217 Independence, VA 24348	(703) 773-2471
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Greensville County	Mr. K. David Whittington	P. O. Box 908 Emporia, VA 23847	(804) 348-4205
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COUNTY	NAME	ADDRESS	PH
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King William County	Mr. David S. Whitlow	P. O. Box 215 King William, VA 23086	(804) 769-4927
Lancaster County	Ms. Anita Sanders	P. O. Box 167 Lancaster, VA 22503	(804) 462-5129
Lee County	Mr. Steven B. Miner	P. O. Box 367 Jonesville, VA 24263	(703) 346-2691
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COUNTY ADMINISTRATORS

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Mathews County	Mr. Frank A. Pleva	P. O. Box 839 Mathews, VA 23109	(804) 725-7172
Mecklenburg County	Mr. B. D. McCauley	P. O. Box 307 Boydton, VA 23917	(804) 738-6191
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Nelson County	Mr. Russell B. Otis	P. O. Box 336 Lovington, VA 22949	(804) 263-4873
New Kent County	Mr. H. Garrett Hart, III	P. O. Box 50 New Kent, VA 23124	(804) 966-9861
Northampton County	Mr. R. Keith Bull	Box 66 Eastville, VA 23347	(804) 678-5148
Northumberland County	Mr. John E. Burton	P. O. Box 129 Heathsville, VA 22473	(804) 580-7666
Nottoway County	Mr. Ronald E. Roark	P. O. Box 92 Nottoway, VA 23955	(804) 645-8696
Orange County	Mr. A. Terrell Baskerville	P. O. Box 111 Orange, VA 22960	(703) 672-3313
Page County	Mr. Ronald W. Good	108 South Court Street Luray, VA 22835	(703) 743-4142

COUNTY ADMINISTRATORS

COUNTY	NAME	ADDRESS	PH
Patrick County	Mr. Barnie K. Day	P. O. Box 466 Stuart, VA 24171	(703) 694-6094
Pittsylvania County	Mr. Mark R. Henne	21 North Main Street P O Box 426 Chatham, VA 24531 ,	(804) 432-2041 Ext. 201
Powhatan County	Mr. W. R. Britton, Jr.	P O. Box 219 Powhatan, VA 23139	(804) 598-5611
Prince Edward County	Ms. Mildred B Hampton	P O Box 382 Farmville, VA 23901	(804) 392-8837
Prince George County	Mr. John G. Kines, Jr.	P O. Box 68 Prince George, VA 23875	(804) 733-2600
Prince William County	Mr. Robert S. Noe, Jr.	1 County Complex Ct. Prince William, VA 22192	(703) 335-6600
Pulaski County	Mr. Joseph Morgan	143 Third St., N W. Pulaski, VA 24301	(703) 980-8888
Rappahannock County	Mr. John W. McCarthy	P. O. Box 222 Washington, VA 22747	(703) 675-3342
Richmond County	Mr. Stephen K. Whiteaway	P. O. Box 956 Warsaw, VA 22572	(804) 333-3415
Roanoke County	Mr. Elmer C Hodge	P. O. Box 29800 Roanoke, VA 24018-0798	(703) 772-2004
Rockbridge County	Mr. D. G Austin	15 Courthouse Square Lexington, VA 24450	(703) 463-4361
Rockingham County	Mr. William G O'Brien	408 County Office Bldg Harrisonburg, VA 22801	(703) 434-4455 Ext. 240
Russell County	Mr. James A Gillespie	P O Box 1208 Lebanon, VA 24266	(703) 889-8000

COUNTY ADMINISTRATORS

COUNTY	NAME	ADDRESS	PH
Scott County	Ms Billie T Lynch	112 Water St, Suite 1 Gate City, VA 24251	(703) 386-6521
Shenandoah County	Mr. John D. Cutlip	P O Box 452 Woodstock, VA 22664	(703) 459-2195
Smyth County	Mr. Marvin R Perry	P O. Box 188 Marion, VA 24354	(703) 783-3298
Southampton County	Mr. Rowland L. Taylor	P O. Box 406 Courtland, VA 23837	(804) 653-2465
Spotsylvania County	Mr. L. Kimball Payne, III	P O Box 99 Spotsylvania, VA 22553	(703) 582-7010
Stafford County	Mr. C. M Williams, Jr.	P O Box 339 Stafford, VA 22554	(703) 659-8603
Surry County		P O. Box 65 Surry, VA 23883	(804) 294-5271
Sussex County	Mr W J Hopkins	P. O. Box 1397 Sussex, VA 23884	(804) 246-5511
Tazewell County	Mr. Richard Barton	315 School St., Box 2 Tazewell, VA 24651	(703) 988-7541 Ext. 400
Warren County	Mr. J. Ronald George	P O Box 908 Front Royal, VA 22630	(703) 636-9973
Washington County	Mr. Joseph L. Howard, Jr.	205 Academy Drive Abingdon, VA 24210	(703) 628-2983
Westmoreland County	Mr. Eston E. Burge	P. O Box 467 Montross, VA 22520	(804) 493-8911 Ext. 213
Wise County	Mr. Paul Varson	P. O. Box 570 Wise, VA 24293	(703) 328-2321
Wythe County	Mr. Billy R Branson	275 South Fourth St.	(703) 228-5457

COUNTY ADMINISTRATORS

COUNTY	NAME	ADDRESS	PH
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CITY MANAGERS

CITY SORT	NAME	CTY	ADDRESS	PH
Alexandria	Ms. Vola Lawson	City of Alexandria	P. O. Box 178 Alexandria, VA 22313	(803) 838-4300
Bedford	Mr. Jack A. Gross	City of Bedford	P. O. Box 807 Bedford, VA 24523	(703) 586-8974
Bristol	Mr. Hugh G. Cooper	City of Bristol	497 Cumberland Street Bristol, VA 24201	(703) 466-2221
Buena Vista	Mr. Larry M. Foster	City of Buena Vista	2039 Sycamore Avenue Buena Vista, VA 24416	(703) 261-6121
Charlottesville	Mr. Cole Hendrix	City of Charlottesville	P. O. Box 911 Charlottesville, VA 22902	(804) 971-3101
Chesapeake	Mr. James W. Rein	City of Chesapeake	401 Albemarle Dr. City Hall Building Chesapeake, VA 23320	(804) 547-6166
Clifton Forge	Mr. George Ferrell	City of Clifton Forge	City Hall, Main Street Clifton Forge, VA 24422	(703) 863-5091
Colonial Heights	Mr. Robert E. Taylor	City of Colonial Heights	1507 Boulevard Colonial Heights, VA 23834	(804) 520-9265
Covington	Mr. Michael G. Mahaney, P.E.	City of Covington	158 N. Court Avenue Covington, VA 24426	(703) 962-4984
Danville	Mr. Charles F. Church	City of Danville	P. O. Box 3300 Danville, VA 24543	(804) 799-5100
Emporia	Mr. Tedd E. Povar	City of Emporia	P. O. Box 511 Emporia, VA 23847	(804) 634-3332
Fairfax	Mr. Edward A. Wyatt	City of Fairfax	10455 Armstrong Street Fairfax, VA 22030	(703) 385-7850
Falls Church	Mr. Anthony H. Griffin	City of Falls Church	Harry E. Wells Bldg. 300 Park Avenue Falls Church, VA 22046	(703) 241-5001

CITY MANAGERS

CITY SORT	NAME	CITY	ADDRESS	PHONE
Franklin	Mr. John J. Jackson	City of Franklin	207 W. Second Avenue Franklin, VA 23851	(804) 562-8504
Fredericksburg	Mr. Anthony I. Hooper	City of Fredericksburg	P. O. Box 7447 Fredericksburg, VA 22404	(703) 373-5011
Galax	Mr. W. H. Snead	City of Galax	123 N. Main Street Galax, VA 24333	(703) 236-3441
Hampton	Mr. Robert J. O'Neill, Jr.	City of Hampton	22 Lincoln Street Hampton, VA 23669	(804) 727-6392
Harrisonburg	Mr. Marvin B. Milam	City of Harrisonburg	345 S. Main Street Harrisonburg, VA 22801	(703) 434-6776
Hopewell	Mr. Clinton H. Strong	City of Hopewell	300 N. Main Street Hopewell, VA 23860	(804) 541-2243
Lexington	Mr. Joseph C. King	City of Lexington	300 E. Washington St. Lexington, VA 24450	(703) 463-7133
Lynchburg	Mr. E. Allen Culverhouse	City of Lynchburg	P. O. Box 60 Lynchburg, VA 24505	(804) 847-1446
Manassas	Mr. John G. Cartwright	City of Manassas	P. O. Box 560 Manassas, VA 22110	(703) 335-8200
Manassas Park	Mr. Jerry W. Davis	City of Manassas Park	103 Manassas Drive Manassas Park, VA 22111	(703) 361-0124
Martinsville	Mr. George W. Brown	City of Martinsville	P. O. Drawer 1112 Martinsville, VA 24114	(703) 638-3971
Newport News	Mr. Ed Maroney	City of Newport News	2400 Washington Avenue Newport News, VA 23607	(804) 247-8411
Norfolk	Mr. James B. Oliver	City of Norfolk	Room 1101, City Hall Bldg. Norfolk, VA 23510	(804) 441-2471
Norton	Mr. Charles R. Brown	City of Norton	P. O. Box 618	(703) 678-1160

CITY MANAGERS

CITY SORT	NAME	CITY	ADDRESS	PH
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Poquoson	Mr. Robert M. Murphy	City of Poquoson	830 Poquoson Avenue Poquoson, VA 23662	(804) 868-7181
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Radford	Mr. Robert P. Asbury, Jr.	City of Radford	619 2nd Street Radford, VA 24141	(703) 731-3603
Richmond	Mr. Robert C. Bobb	City of Richmond	Room 201, City Hall 900 E. Broad Street Richmond, VA 23219	(804) 780-7970
Roanoke	Mr. W. Robert Herbert	City of Roanoke	215 Church Avenue, S.W. Roanoke, VA 24011	(703) 981-2333
Salem	Mr. Randolph M. Smith	City of Salem	P. O. Box 869 Salem, VA 24153-0869	(703) 375-3016
South Boston	Mr. J. A. Houghton	City of South Boston	P. O. Box 417 South Boston, VA 24592	(804) 572-3621
Staunton	Mr. David C. Latshaw	City of Staunton	P. O. Box 58 Staunton, VA 24401	(703) 885-1251
Suffolk	Mr. John L. Rowe, Jr.	City of Suffolk	P. O. Box 1858 Suffolk, VA 23434	(804) 934-3111
Virginia Beach	Mr. Aubrey V. Watts, Jr.	City of Virginia Beach	Municipal Center Virginia Beach, VA 23456	(804) 427-4242
Waynesboro	Mr. Jerry L. Gwaltney	City of Waynesboro	P. O. Box 1028 Waynesboro, VA 22980	(703) 942-6600
Williamsburg	Mr. Frank Force	City of Williamsburg	412 N. Boundary St.	(804) 229-4821

CITY AGERS

PH

ADDRESS

NAME

CITY SORT

Williamsburg, VA 23185

Rouss City Hall, Suite 303
Winchester, VA 22601

(703) 667-1815

City of Winchester

Mr. Ed Daley

Winchester

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Alexandria (IC)	Ms. Betty A Littlejohn	Dept of Human Services, Unit #8 2525 Mt Vernon Avenue Alexandria, VA 22301	(703) 838-0960
Alleghany	Mr Herbert W. Taylor	330 Court Avenue Covington, VA 24426	(703) 962-0276
Amelia	Mr. David Travis	P O Box 229 Amelia, VA 23002-0229	(804) 561-2481
Amherst	Mr Ocie M Mack	P O Box 580 Amherst, VA 24521	(804) 946-9365
Appomattox	Ms. Shirley W Walton	Box 488 Appomattox, VA 24522-0488	(804) 352-8244
Arlington (IC)	Ms Martha M. Copenhaver	855 N Edison Street Arlington, VA 22205	(703) 558-2475
Augusta	Mr. B Stephen Smith	6 E Johnson St , Rm. 357 Staunton, VA 24401-4399	(703) 885-8931 Ext. 230
Bath	Ms Jane R Lyle	P O Box 357 Warm Springs, VA 24484	(703) 839-2661
Bedford	Ms. Brenda M Mosby	119 East Main Street Bedford, VA 24523-0119	(703) 586-7675
Bland	Mr David R Danner	P O Box 69 Bland, VA 24315-0069	(703) 688-3542
Botetourt	Ms. Glenda M Snyder	P O Box 217 Fincastle, VA 24090	(703) 473-8260

UNIT DIRECTIONS - VIRGINIA COOPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH. #
Brunswick	Ms. Eloise H. Jones	100-A Tobacco Street Lawrenceville, VA 23868-0105	(804) 848-2151
Buchanan	Mr. Eldridge N. Busic, Jr.	P. O. Box 1049 Grundy, VA 24614	(703) 935-4769
Buckingham	Mr. James A. Myers	P. O. Box 227 Buckingham, VA 23921-0227	(804) 969-4261
Campbell	Mr. Eugene W. Taylor	Box 67 Rustburg, VA 24588-0067	(804) 332-5161 Ext. 116
Caroline	Ms. Kathryn W. Burruss	Box 339 Bowling Green, VA 22427	(804) 633-6550
Carroll	Mr. Gary P. Larrowe	P. O. Box 668 Hillsville, VA 24343-0668	(703) 728-7611
Charles City	Mr. Vernon L. Heath	P. O. Box 55 Charles City, VA 23030	(804) 829-6219
Charlotte	Ms. Nancy A. Bailey	P. O. Box 700 Charlotte Court House, VA 23923-0700	(804) 542-5884/5277
Chesapeake (IC)	Mr. Robert M. Pilch	Agriculture Department Civic Center, 300 Cedar RD. Chesapeake, VA 23320	(804) 547-6348
Chesterfield	Mr. Richard A. Nunnally	P. O. Box 146 Chesterfield, VA 23832	(804) 751-4401
Clarke	Mr. Lance D. Kauf	P. O. Box B Berryville, VA 22611-0591	(703) 995-1131
Craig	Mr. Carter Fleming	P. O. Box 267 New Castle, VA 24127-0267	(703) 864-5812
Culpeper	Ms. Brenda B. Olafsen	101 S. West Street Culpeper, VA 22701-3088	(703) 825-2233

UNIT DIRECTORS - VIRGINIA COOPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH #
Cumberland	Mr Edward A Hanes	P O Box 80 Cumberland, VA 23040-0080	(804) 492-4390
Danville (IC)	Ms Doris L Pritchett	Library Bldg , Patton St Danville, VA 24543	(804) 779-6558
Dickenson	Mr. Gary P Dings	P O Box 1160 Clintwood, VA 24228-1160	(703) 926-4605
Dinwiddie	Mr. James C Maitland, Sr.	P O Box 399 Dinwiddie, VA 23841-0399	(804) 469-3713
Essex	Ms. Bette Jo Cobb	P O Box 849 Tappahannock, VA 22560	(804) 443-3551
Fairfax	Mr Robert J Doyle	11212 Waples Mill Road Suite 200 Fairfax, VA 22030	(703) 246-5301
Fauquier	Mr. Walter C Brown	14 Main Street Warrenton, VA 22186	(703) 347-8650
Floyd	Mr. David L Gardner	100 E Main Street, Rm. 106 Floyd, VA 24091	(703) 745-4135
Fluvanna	Ms Margaret S Hackler	P O Box 133 Palmyra, VA 22963	(804) 589-8122
Franklin	Mr Louis J. Schiemann, Jr	352 College Street Rocky Mount, VA 24151	(703) 483-5161
Frederick	Mr. Gary C. DeOms	Second Floor Frederick County Courthouse Winchester, VA 22601	(703) 665-5699
Giles	Mr. Richard L. Townsend	507 Wenonah Avenue Pearisburg, VA 24134	(703) 921-3455
Gloucester	Ms Janet L. Leigh	Box 156 Gloucester, VA 23061	(804) 693-2602

UNIT DIRECTORS - VIRGINIA OPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH. #
Goochland	Mr. James R Grove	P O Box 20 Goochland, VA 23063	(804) 556-5341
Grayson	Mr. William R. Cassell	P O Box 129 Independence, VA 24348-0129	(703) 773-2491
Greene	Ms. Betty J. Minton	P O Box 87 Stanardsville, VA 22973-0087	(804) 985-5236
Greensville/ Emporia (IC)	Mr Bobby L. Flippen	Box 975 Emporia, VA 23847-0975	(804) 348-4233
Halifax	Mr. Larry L. McPeters	Box 757 Halifax, VA 24558-0757	(804) 476-2147
Hampton (IC)	Mr Thomas Rippen	Rm 6, 1320 LaSalle Ave Hampton, VA 23669	(804) 727-6403
Hanover	Mr. Ralph E. LaRue	P. O Box 470 Hanover, VA 23069	(804) 798-0371
Henrico	Mr. Charles K Curry	P O Box 27032 8600 Dixon Powers Drive Richmond, VA 23273	(804) 672-5160
Henry	Mr Harry M Little	P O Box 7 Collinsville, VA 24078-0007	(703) 638-5311 Ext. 207
Highland	Mr Rodney P Leech	P O Box 528 Monterey, VA 24465	(804) 468-2225
Isle of Wight	Mr. Herbert L Jones	Public Services Bldg Isle of Wight, VA 23397-0110	(804) 357-3191 Ext. 261
James City	Ms Shirley M Willis	P O Box 69 Toano, VA 23168	(804) 566-1367
King and Queen	Mr Michael Y Day	King & Queen Courthouse King & Queen Courthouse, VA 23085	(804) 785-2962

UNIT DIRECTORS - VIRGINIA COOPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH #
King George	Ms. Mary M McFerrer	P O Box 410 King George, VA 22485	(703) 775-3062
King William	Mr Randall F Shank	P O Box 65 King William, VA 23086-9737	(804) 769-4955
Lancaster		P O Box 100 Lancaster, VA 22503	(804) 462-5780
Lee	Ms Betty J Moore	P O Box 10 Jonesville, VA 24263-0010	(703) 346-1522
Loudoun	Ms Winnie W Peele	26-C, Fairfax St, S W Leesburg, VA 22075	(703) 777-0373
Louisa	Mr James E Riddell	P O Box 399 Louisa, VA 23093-0399	(703) 967-1222
Lunenburg	Mr. Richard W Lacks	P O Box 540 Kenbridge, VA 23944-0540	(804) 676-2497
Lynchburg (IC)	Ms. Youtha B Turner	P O Box 2286 2410 Wickham Ave, Rm. 104 Lynchburg, VA 24501-2286	(804) 847-9096
Madison	Mr. James W Saunders	P O Box 10 Madison, VA 22727-0010	(703) 948-6881
Mathews	Ms Mildred P Hudgins	Mathews, VA 23109	(804) 725-7196
Mecklenburg	Mr Samuel J. Fariss	Box 420 Boydton, VA 23917-0420	(804) 738-6191
Middlesex	Mr William D Edwards, Jr.	P O Box 96 Saluda, VA 23149	(804) 758-4120
Montgomery	Ms. Lelia T Mayton	P O Box 90 Christiansburg, VA 24073-0090	(703) 382-5790
Nelson	Ms Carolyn T. Albritton	P. O Box 298	(804) 263-4035

OPERATIVE EXTENSION SERVICE

UNIT DIRECTORS - VIRGINIA

CITY/COUNTY	NAME	ADDRESS	PH #
New Kent	Mr Clifton W Davis	Loveingston, VA 22949 P O Box 80 New Kent, VA 23124	(804) 966-9645
Newport News (IC)	Ms Carolyn S Kelpien	108 Main Street Newport News, VA 23601-4197	(804) 599-8899
Norfolk (IC)	Ms Joyce D Simmons	401 Colley Avenue Norfolk, VA 23507	(804) 683-2816
Northampton	Mr James F Diem	P O Box 457 Eastville, VA 23347-0451	(804) 678-5134
Northumberland	Ms Belinda D Walker	P O Box 400 Heathsville, VA 22473	(804) 580-5694
Nottoway	Mr Russell G. Leslie	Nottoway Courthouse Nottoway, VA 23955	(804) 645-9315
Orange	Mr. Clarence T Carroll	P O Box 30 Orange, VA 22960	(703) 672-1361
Page	Ms Jolene M Griffith	101-105 S Court St County Office Bldg Luray, VA 22835-1298	(703) 743-5794
Patrick	Ms Marion M Jones	Box 408 Stuart, VA 24171 0408	(703) 694-3341
Petersburg (IC)	Ms Edmonia W Brown	Rooms 306 & 307 35 West Fillmore Street Petersburg, VA 23803	(804) 733-2385
Pittsylvania	Mr Bobby S Stump	P O Box 398 Chatham, VA 24531-0398	(804) 432-2041 Ext. 396
Powhatan	Mr Johns W Bailey	P O Box 249 Powhatan, VA 23139-0249	(804) 598-5640

UNIF DIRECTORS - VIRGINIA COOPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH. #
Prince Edward	Mr James A Thomas	P O Box 322 Farmville, VA 23901-0322	(804) 392-4246
Prince George	Mr George W Board, Jr.	6317 Courthouse Road Prince George, VA 23875	(804) 733-2686
Prince William	Ms Marilyn W. Grizzard	8805 Sudley Rd , Suite 200 Manassas, VA 22110-4796	(703) 335-6285
Pulaski		143 Third St , NW Pulaski, VA 24301-4999	(703) 639-9616 Ext. 208
Rappahannock	Ms. Sandra R Richardson	P O Box 119 Washington, VA 22747-0119	(703) 675-3619
Richmond	Mr. Kelly J Liddington	P O Box 152 Warsaw, VA 22572	(804) 333-3420
Richmond (IC)	Mr. Noel S Draine	701 N 25th St., Rm 104 Richmond, VA 23223	(804) 786-4150
Roanoke	Mr Lowell M Gobble	301 E Main Street Room 18, Courthouse Salem, VA 24153-4391	(703) 387-6113
Roanoke (IC)	Ms Harriette J Robbins	2728 Colonial Ave , SW Suite 10 Roanoke, VA 24015-9989	(703) 857-7915
Rockbridge	Mr. Jonathan P. Repair	P O Drawer 897 Lexington, VA 24450	(703) 463-4734
Rockingham	Mr Ernest B Craun	Rm 505, County Office Bldg 4 South Main Street Harrisonburg, VA 22801-3775	(703) 434-4455 Ext. 256
Russell	Ms. Nancy H Ascue	P O. Box 697 Lebanon, VA 24266-0697	(703) 889-8056
Scott	Mr. Joseph M Cassell	104 E Jackson St., Suite 7	(703) 386-7574

UNIT DIRECTORS - VIRGINIA OPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH #
Shenandoah	Mr Edward M Conklin, III	Gate City, VA 24251 P O Box 390 403 W Court Street Woodstock, VA 22664-0390	(703) 459-3739
Smyth	Mr. Walter J Robinson	P O Box 510 Marion, VA 24354-0510	(703) 783-5176
Southampton	Ms Sarah H Walden	P O Box 107 Courtland, VA 23837-0107	(804) 653-2572
Spotsylvania	Mr Raymond L. Simms	P O Box 95 Spotsylvania, VA 22553-0095	(703) 582-7096
Stafford	Mr. John A Gray	359 Butler Road Falmouth, VA 22405	(703) 899-4020
Suffolk (IC)	Ms. Fan G Panton	P O Box 1858 Suffolk, VA 23434	(804) 934-3111 Ext. 409
Surry	Ms Ida P Butts	P O Box 205 Surry, VA 23883-0205	(804) 294-5215
Sussex	Mr. Robert R. Meadows	P O Box 1308 Sussex, VA 23884-1308	(804) 246-5511 Ext. 227
Tazewell	Mr. James M Harris	P O Box 229 Tazewell, VA 24651-0229	(703) 988-7541 Ext 520
Virginia Beach (IC)	Mr Louis E Cullipher	Dept of Agriculture Municipal Center Virginia Beach, VA 23456-9002	(804) 427-4769
Warren	Mr Joe R Hunnings	912-A Warren Avenue Front Royal, VA 22630-3495	(703) 635-4549
Washington		208 W Main Street Abingdon, VA 24210	(703) 628-2161

UNIT DIRECTORS - VIRGINIA COOPERATIVE EXTENSION SERVICE

CITY/COUNTY	NAME	ADDRESS	PH. #
Westmoreland	Mr. Samuel M Johnson	P O Box 8 Montross, VA 22520	(804) 493-8911 Ext 332
Wise	Mr. R Douglas Harris	P O Box 1156 Wise, VA 24293-1156	(703) 328-3699
Wythe	Mr. Jerry G Miller	Wythe County Office Bldg. Wytheville, VA 24382-2596	(703) 228-2148
York	Mr James M Orband	P O Box 492 Yorktown, VA 23690	(804) 898-0050

SCHOOL	NAME	ADDRESS
Accomack County Schools	Mr. Charles F. Kline	P O. Box 330 Accomac, VA 23301
Albemarle County Schools	Mr. N. Andrew Overstreet	401 McIntire Road Charlottesville, VA 22901
Alexandria City Schools	Dr. Paul W. Masem	3801 W. Braddock Road Alexandria, VA 22302
Arlington County Schools	Dr. Arthur Gosling	1426 N. Quincy Street Arlington, VA 22207
Augusta County Schools	Mr Edward G. Clymore	Route 1, Box 252 Fishersville, VA 22939
Caroline County Schools	Dr. William C. Asbury	P O. Box 529 Bowling Green, VA 22427
Charles City County Schools	Mr Willie Townes	Route 2, Box 55 Charles City, VA 23030
Charlottesville City Schools	Mr. Herbert R. Cottrill	1562 Dairy Road Charlottesville, VA 22903
Chesapeake City Schools	Dr C. Fred Bateman	P O. Box 15204 Chesapeake, VA 23320
Chesterfield County Schools	Dr E. E. Davis	P O. Box 10 Chesterfield, VA 23832
Clarke County Schools	Mr. Wade G. Johnson	P O. Box 351 Berryville, VA 22611
Colonial Heights City Schools	Mr. Herman G. Bartlett, Jr	512 Boulevard Colonial Heights, VA 23834
Culpeper County Schools	Mr. Tony M. Stewart	P O. Box 631 Culpeper, VA 22701
Essex County Schools	Mr. W. A. Harrow, Jr	P O. Box 756 Tappahannock, VA 22560
Fairfax City Schools	Mr. Robert C. Russell	10455 Armstrong Street Fairfax, VA 22030
Fairfax County Schools	Dr. Robert R. Spillane	10700 Page Avenue Fairfax, VA 22030
Falls Church City Schools	Dr. Warren J. Pace	210 E. Broad St., Ste. 100 Falls Church, VA 22046
Fauquier County Schools	Mr S. Harold Lamm	10 Hotel Street Warrenton, VA 22186
Fluvanna County Schools	Dr. Wayne K. White	P. O. Box 419

SCHOOL	NAME	ADDRESS
		Palmyra, VA 22963
Frederick County Schools	Dr Kenneth E. Walker	P O. Box 3508 Winchester, VA 22601
Fredericksburg City Schools	Mr J. Richard Garnett, Jr	817 Princess Anne Street Fredericksburg, VA 22401
Gloucester County Schools	Mr Robert L. Mitchell	Rt. 5, Box 243, Main St. Gloucester, VA 23061
Goochland County Schools	Ms. Jacqueline S. Lindsey	P O. Box 169 Goochland, VA 23063
Greene County Schools	Mr Kenneth R. Comer	P O. Box 98 Stanardsville, VA 22973
Hampton City Schools	Dr Don R. Musselman	1819 Nickerson Blvd. Hampton, VA 23663
Hanover County Schools	Dr Stephen M. Baker	200 Berkley Street Ashland, VA 23005
Harrisonburg City Schools	Mr C. Alan Hiner	317 S. Main Street Harrisonburg, VA 22801
Henrico County Schools	Dr William C. Boshier, Jr	P O. Box 23120 Richmond, VA 23223
Hopewell City Schools	Dr Steven E. Ballowe	103 N. 11th Street Hopewell, VA 23860
Isle of Wight County Schools	Dr Vito J. Morlino	P O. Box 78 Isle of Wight, VA 23397
James City Co./Williamsburg City	Dr John E. Allen	P O. Box 179 Williamsburg, VA 23187
King & Queen County Schools	Mr. Robert W. Deronda	P O. Box 97 King & Queen C.H., VA 23085
King George County Schools	Mr. James L. Dennis	Route 1, Box 12 King George, VA 22485
King William County Schools	Dr Nicholas K. Maschal	P O. Box 185 King William, VA 23086
Lancaster County Schools	Dr William B. Chapman	P O. Box 2000 Kilmarnock, VA 22482
Loudoun County Schools	Dr. David N. Thomas	20 Union St., N.W. Leesburg, VA 22075
Louisa County Schools	Dr. William G. Thomas	P O. Box 7 Mineral, VA 23117

SCHOOL	NAME	ADDRESS
Madison County Schools	Mr. C. Jack Harner	P O. Box 647 Madison, VA 22727
Manassas City Schools	Mr Russell L. Thomas	9000 Tudor Lane Manassas, VA 22110
Manassas Park City Schools	Mr. Jimmy R. Stuart	140-A Kent Drive Manassas Park, VA 22111
Mathews County Schools	Mr. Harry M. Ward	P O. Box 369 Mathews, VA 23109
Middlesex County Schools	Mr James W. Goforth	P O. Box 205 Saluda, VA 23149
Nelson County Schools	Mr R. Joseph Adams	P O. Box 276 Lovington, VA 22949
New Kent County Schools	Mr. Burton F. Alexander, Jr	P O. Box 110 New Kent, VA 23124
Newport News City Schools	Mr. Donald S. Bruno	12465 Warwick Blvd. Newport News, VA 23606
Norfolk City Schools	Dr Gene R. Carter	P O. Box 1357 Norfolk, VA 23501
Northampton County Schools	Mr George W. Young	P O. Box 37 Eastville, VA 23347
Northumberland County Schools	Mr. J. Larry Hoover	P O. Box 10 Heathsville, VA 22473
Orange County Schools	Dr. Renfro C. Manning	P O. Box 349 Orange, VA 22960
Page County Schools	Mr James M. Campbell	735 W. Main Street Luray, VA 22835
Petersburg City Schools	Mr Edwin M. Betts, Jr.	141 E. Wythe Street Petersburg, VA 23803
Poquoson City Schools	Dr Raymond E. Vernall	P O. Drawer 2068 Poquoson, VA 23662
Portsmouth City Schools	Dr. T. M. Cherry	P O. Box 998 Portsmouth, VA 23705
Powhatan County Schools	Mr. Maynard K. Bean	2320 Skaggs Road Powhatan, VA 23139
Prince George County Schools	Dr. James E. Rooks	P. O. Box 80 Prince George, VA 23875
Prince William County Schools	Dr. Edward L. Kelly	P O. Box 389

SCHOOL	NAME	ADDRESS
		Manassas, VA 22110
Rappahannock County Schools	Dr David M. Gangel	P O. Box 273 Sperryville, VA 22740
Richmond City Schools	Dr. James W. Tyler	301 N. 9th Street Richmond, VA 23219
Richmond County Schools	Mr Frederick D. Pitman	P O. Box 735 Warsaw, VA 22572
Rockingham County Schools	Dr David L. Andes	304 County Office Bldg. Harrisonburg, VA 22801
Shenandoah County Schools	Dr Jerry E. Webb	P O. Box 488 Woodstock, VA 22664
Southampton County Schools	Dr Howard E. Wainwright	P O. Box 26 Courtland, VA 23837
Spotsylvania County Schools	Dr L. Robert McDaniel	P O. Box 338 Spotsylvania, VA 22553
Stafford County Schools	Mr Sidney Lee Faucette	1729 Jefferson Davis Hwy Stafford, VA 22554
Suffolk City Schools	Mr C. Lindsey Suggs	P O. Box 1549 Suffolk, VA 23434
Surry County Schools	Dr. C. P Penn, Jr	P O. Box 317 Surry, VA 23883
Sussex County Schools	Mr J. A. Semones	P O. Box 1368 Sussex, VA 23884
Town of Cape Charles Schools	Mr Stewart W. Landrum	Municipal Bldg., Mason Ave. Cape Charles, VA 23310
Town of Colonial Beach Schools	Dr Donald R. Warner	300 Garfield Avenue Colonial Beach, VA 22443
Town of West Point Schools	Dr George H. Stainback	1600 Main Street P O. Box T West Point, VA 23181
Virginia Beach City Schools	Dr. James E. Melvin	P O. Box 6038 Virginia Beach, VA 23456
Warren County Schools	Dr James Leonard Cook	111 E. Criser Road Front Royal, VA 22630
Waynesboro City Schools	Dr. Thomas L. Varner	301 Pine Avenue Waynesboro, VA 22980
Westmoreland County Schools	Mr Charles L. Pierce	P O. Box 406

SCHOOL	NAME	ADDRESS
-----	-----	-----
		Montross, VA 22520
Winchester City Schools	Dr. John C. Capehart	P. O. Box 551 Winchester, VA 22601
York County Schools	Dr. Judith D. Whittemore Ball	302 Dare Road Grafton, VA 23692

GYPSY MOTH QUESTIONNAIRE
JULY, 1989

Name of Organization _____ Date Completed _____

Name _____ Title _____

Mailing address _____

1. Is your organization currently involved in gypsy moth activities? ___yes ___no

2. Does your organization have a program to educate citizens on the gypsy moth? ___yes ___no
(If no, proceed to Question 2b.)

a. If yes, please indicate which methods/materials are used by placing a check in front of the following:

___ printed material (pamphlets, leaflets, etc.) ___ films ___ video tapes ___ radio tapes
___ television tapes ___ speaking engagements (garden clubs, etc.) ___ displays
___ lectures (Master Gardener courses, etc.) ___ newspaper articles ___ other (explain on back)

PLEASE ATTACH AN EXAMPLE OF ALL YOUR PRINTED MATERIAL

b. If no, please indicate which materials/methods should be included as key elements in a gypsy moth educational program:

___ printed material (pamphlets, leaflets, etc.) ___ films ___ video tapes ___ radio tapes
___ television tapes ___ speaking engagements (garden clubs, etc.) ___ displays
___ lectures (Master Gardener courses, etc.) ___ newspaper articles ___ other (explain on back)

3. The Commonwealth has a number of gypsy moth educational materials. Please indicate those that you are aware of and have used by inserting a 1, for those you are aware of but have never used a 2:

___ 8 mm movie "Gypsy Moth, A Dilemma" ___ VA Dept. Health ___ VPI&SU Gypsy Moth Slide Set & Script
Dimilin Fact Sheet
___ "Gypsy Moth A Major Pest of Trees" brochure ___ The Gypsy Moth In Virginia Informational Series 1-6
___ Extension Publication 444020 "Introduction to a New Pest of Trees" ___ USDA-PS Gypsy Moth Handbook
No. 227 - "The Homeowner
___ Extension Publication 444021 "Recognition and Life History of Gypsy Moth" and the Gypsy Moth:
Guidelines for Control"
___ 4-H Gypsy Moth Packet

4. Does your organization have any suggestions to encourage the public to increase their awareness of the gypsy moth and the Cooperative Gypsy Moth Suppression Program?

5. Does your organization feel a government cooperative gypsy moth suppression program is necessary?
____yes ____no Explain.

6. Other comments?

Return By August 18, 1989 to:

Daniel J. Schweitzer
VDACS
P. O. Box 1163
Richmond, Virginia 23209

MAILING LIST FOR LETTER TO ENVIRONMENTAL GROUPS RE: G.M. RESOLUTION 391

LAST NAME	POSITION	COMPANY	ADDRESS
Dennis, Robert T.	Executive Director	Piedmont Environmental Council	28-C Main Street Warrenton, VA 22816
Feldman, Jay		National Coalition Against Misuse of Pesticides	530 7th Street, S.E. Washington, D.C. 20003
Pierce, James	Staff Scientist	Environmental Action Foundation	1525 New Hampshire Avenue, N.W. Washington, D.C. 20036

HOUSE JOINT RESOLUTION NO. 391

Offered January 24, 1989

3 Requesting the Department of Agriculture and Consumer Services to study means of
4 increasing public knowledge of the gypsy moth.

6 Patrons—Mayer, Byrne, Marshall, Keating, Van Landingham, Dillard, Woods, Medico, Plum,
7 Almand, Cunningham, R. K., Callahan, Hartz, R. E., Stambaugh, Brickley, Partish,
8 Rollins, Rollison, Andrews and McDiarmid; Senators: Sasaw, Miller, K. G., Waddell,
9 Calhoun, Gartan, Miller, E. F., DuVal, Holland, E. M. and Colgan

11 Referred to the Committee on Agriculture

12
13 WHEREAS, the gypsy moth infestation in parts of Northern Virginia is of great concern
14 to the area's citizens; and
15 WHEREAS, the gypsy moth has been a severe nuisance to citizens of Northern Virginia;
16 and

17 WHEREAS, the gypsy moth can cause severe environmental disruption where present in
18 large numbers; and
19 WHEREAS, high gypsy moth populations can cause great economic losses to
20 homeowners through dead trees and lowered property values; and
21 WHEREAS, the adverse effects of gypsy moths will be felt in all other parts of the
22 Commonwealth if their populations spread; and

23 WHEREAS, governmental control efforts are needed to ensure the minimal use of
24 pesticides and the promotion of environmentally safe control mechanisms; and
25 WHEREAS, the Commonwealth's biennial budget process requires infestation predictions
26 of gypsy moths two years in advance, resulting in inaccurate predictions; and
27 WHEREAS, the national tree defoliation data shows the number of gypsy moths almost
28 tripled in Virginia in the past year; and

29 WHEREAS, the citizens of the Commonwealth expect and should receive only the most
30 effective control efforts; and
31 WHEREAS, the citizens of the Commonwealth wish to assist the government in the
32 control of this pest; and

33 WHEREAS, it is easier to identify and count caterpillars rather than egg masses of the
34 gypsy moth; now, therefore, be it
35 RESOLVED by the House of Delegates, the Senate concurring, that the Department of
36 Agriculture and Consumer Services is requested, with the cooperation of local governing
37 bodies, local educational systems and the Virginia Cooperative Extension Service, to develop
38 a broad-based educational program for citizens to raise the level of knowledge about the
39 gypsy moth. As a part of this study, the Department should examine and report on, but not
40 be limited to, such issues as the need to identify problem gypsy moth populations in a
41 timely manner to allow for more complete and effective gypsy moth programs; ways to
42 encourage local governments and citizen involvement in the gypsy moth suppression
43 program; and the feasibility of using gypsy moth caterpillar counts in lieu of gypsy moth
44 egg mass counts; and, be it

45 RESOLVED FURTHER, That the Department provide the General Assembly by July 1,
46 1989, with recommendations as to how the Commonwealth's budget process should be
47 revised to reflect the biological data gathering techniques and to facilitate the execution of
48 the gypsy moth suppression program.

49 The Department shall complete its work on increasing public awareness of all facets of
50 the gypsy moth problem in time to submit its findings and recommendations to the
51 Governor and the 1990 Session of the General Assembly as provided in the procedures of
52 the Division of Legislative Automated Systems for processing legislative documents.

53

