



Horticultural Inspection Society Central States Chapter

Making Professionalism a Part of Every Effort

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PRESIDENTS MESSAGE

In This Issue:

Presidents Message

*Vicky Wholers Receives
the Bob McAdams Award*

2002 Meeting Minutes

*Bill McAdams Leaves The
Iowa Department of Ag-
riculture for Greener Pas-
tures.*

*Changes in Illinois In-
spection Staff*

*2002 HIS - Central Chap-
ter Meeting Summary*

*Nebraska Hires New In-
spectors*

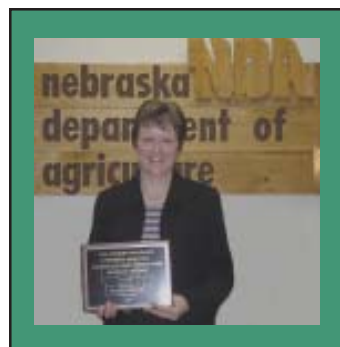
Geranium Plume Moth

32ND ANNUAL HORTICULTURAL INSPECTION SOCIETY CENTRAL CHAPTER MEETING, DEERWOOD, MINNESOTA - OCTOBER 21 - 24, 2002

I want to thank everyone who attended the Central Chapter Meeting in Deerwood, Minnesota in October 2002. The goal in planning this meeting was to keep the group together as much as possible to encourage the communication and foster the interstate cooperation that makes our group so important. Thanks also to the State Administrators who recognize the value of this annual training and found the resources to see that their states were well represented. Doing more with less requires staff that is kept current on emerging plant pest regulatory issues. Through participation at the Horticultural Inspection Society meetings, states can be assured that their staff is prepared to meet new challenges with outstanding technical expertise and professionalism. Please see the summary of our meeting on page 6.



VICKY WHOLERS RECEIVES THE ROBERT MCADAMS AWARD



The HIS central chapter voted unanimously to recognize Vicky Wholers for her outstanding contributions to HIS by awarding her with the Robert McAdams award. This award has been established for superior achievement and professional development in Horticultural Inspection within the Central Chapter, Horticultural Inspection Society. Vicky has been one

of the most active members of HIS. She became a member of the Central Chapter H.I.S. in 1989, attending her first H.I.S. meeting in Lawrence, Kansas. She served as H.I.S. Newsletter Editor (1991-1994); Vice President in 1993; President in 1994; and Secretary (1998-2001). Vicky participated in the first interstate nursery inspection which took place in 1993 with Nebraska, Kansas, and Missouri.

Vicky has moved up and out of HIS becoming the Nebraska State Entomologist in 2002. Thanks for all your great work.

MEMBER STATES

Illinois,
Indiana,
Iowa,
Kansas,
Kentucky,
Michigan,
Minnesota,
Missouri,
Nebraska,
North Dakota,
Ohio,
South Dakota,
Wisconsin

MINUTES OF THE HORTICULTURAL INSPECTION SOCIETY (H.I.S.), CENTRAL CHAPTER, 32nd ANNUAL IN-SERVICE TRAINING BUSINESS MEETING THURSDAY, OCTOBER 24, 2002

Cheri Copeland, KS, H.I.S. President, called the 2002 business meeting to order at 8:40 a.m. (following a review of state reports).

Roll call was given by Susan Ehlenbeck, MO, H.I.S. Secretary. States present: Illinois, Indiana, Iowa, Kansas, North Dakota, Michigan, Minnesota, Missouri, Nebraska, and Wisconsin. States not present: Ohio, Kentucky and South Dakota.

Minutes from the 2001 H.I.S. business meeting were distributed. A motion was made by Steven Shimek, MN and seconded by Nellie Brown, MO, to approve the 2001 minutes. Motion carried.

The Treasurer's Report was given by Mark Cinnamon, IL, H.I.S. Treasurer.

A motion was made by Bruce Cummins, IN, and seconded by

(Treasurers Report 1/0/-02 to 11/16/02)	
Balance forward (12-31-2002)	
\$5153.70	
Income	
Dues Paid	\$450.00
Manual Sales	\$669.96
Total Income	\$1119.96
Expenses	
Bob McAdams Award	\$39.78
HIS Mtg Expense 2002	\$500.00
Attend South HIS Meeting	425.61
Postage and delivery	25.02
Manual Reproduction/Printing	1827.76
Total Expenses	\$2818.17
Total Income less Expenses	-\$1698.21
Bal forward 1-1-02	5153.70
Income less Expenses	-1698.21
Balance forward 10-16-02	\$3455.49

Steve White, KS, to accept the Treasurer's report. Motion carried.

**OLD BUSINESS
AUDIT COMMITTEE**

The 2002 Audit Committee was com-

prised of Larry Hanning, MO, Rick Davis, IL, and Phillip Mason, ND. Larry Hanning reported that all of the treasurer's books are in excellent order. The committee added a recommendation that the treasurer add a category for the value of HIS Manuals in our HIS Inventory.

CENTRAL PLANT BOARD (CPB) 77th ANNUAL MEETING REPORT, South Dakota, FEBRUARY, 2002

There were no representative members at the meeting that also attended the Central Plant Board meeting to give a report during the Central HIS Business Meeting.

2002 INTERSTATE GROUP INSPECTION

Susan Ehlenbeck, reported that the 2002 interstate group inspection was not held this year due to budget cuts in so many states.

H.I.S. CENTRAL CHAPTER NURSERY INSPECTORS GUIDE (MANUAL)

Bill Hilbert, KS, reported that there were currently 16 manuals in inventory. He reported that the additions of imported red fire ant and foliar nematodes were made this year. He reminded us that Vicki Wohlers, NE

had been reviewing new additions before they were printed, and no longer would be doing so since her change in position. Bill McAdams, IA, and Nellie Brown, MO, volunteered to become the new editors. Bill said he had asked representatives from Michigan to work on a new addition of Emerald Ash Borer and asked Susan Ehlenbeck and Larry Hanning to complete a new addition

of Red Oak Borer to add to the manual. He mentioned he was asked to add Daylily Rust, but it had not yet been determined as being a disease that can survive our winters, so it would not be added at this time. Larry Hanning, suggested that lesser known pests, be added to the manual. Bill Hilbert, asked that notes from last years meeting be read regarding this issue and added that lesser known pests should be discussed on our His email group so that everyone has the chance to learn about and respond to questions and observations. Steve White, Kansas responded that those members on the email group had been discussing pests through the year, but that many dues paying members were not signed on to the web group. Bill McAdams, added that he would much rather get plant pest information from other HIS members on the web group than from someone outside the organization who may or may not have a real experience with the pest. Dave Johnson, MO, added that he had heard of a new pest called Asian Hawthorn Aphid that feeds on fruit. Steve White added that this was a perfect example of a description that should be posted on our web group so that others would be informed of and could look for this pest.

WEBSITE AND INTERNET EMAIL LISTSERVER

Steve White, reminded the group that our website address is www.grapevine.net/~scwhite/his and that this website does have public accessibility. He explained instructions to get on the listserver web group and referred members to the website or the newsletter included in meeting invitation if they needed written help

after the meeting. He also explained that members could email him for further help if needed. He explained that this is a closed group to those who are dues paying members so that we could freely discuss regulatory information. Susan Ehlenbeck, encouraged all to get signed up on the web group and use it. She added there were only 22 members who had done so, and that it really adds value to our membership. She thanked Steve White for his help in making and hosting the web page and listserv. Steven Shimek, reminded new users to send an email to an individual's email address if you want to discuss only with that individual and to email the his group if you want the whole group to be involved in the discussion.

ROBERT MCADAMS AWARD N O M I N A T I O N / C A R L CARLSON AWARD

Bill Hilbert, KS, was awarded the Robert McAdams H.I.S. Award as per his selection at the 2001 meeting. Susan Ehlenbeck, Secretary, presented him with the award and thanked him for his work on the manuals and other support/service he adds to the organization. Susan Ehlenbeck, made a motion to add the words "past or present" before nursery inspector to our nominee requirements for the Robert McAdams award. The motion was seconded and then approved by vote. A single nomination was presented by Bruce Cummings (and signed by other attending members), IN, and accepted by the chapter. Vicki Wohlers, NE was unanimously nominated for, and voted to be this year's recipient of the Robert McAdams Award. If she is not qualified for the Carl Carlson Award (due to her change in position making her now a member of the

Central Plant Board), Bill Hilbert (past recipient) will be forwarded to the Central Plant Board president as our suggested nominee for the Carl Carlson Award. Bill Hilbert suggested that Vicki should be presented with her award at the Central Plant Board Meeting in Illinois.

NEW BUSINESS

RESOLUTIONS COMMITTEE

The 2002 Resolutions Committee was comprised of Lee Burgess, MO, Ken Cote, IN, and Bria Radtke, WI. Lee Burgess read the following resolutions:

RESOLUTION #1

Whereas, the 32nd annual in-service training of the Horticultural Inspection Society, Central Chapter was held in Deerwood, MN, on the 21st through the 24th of October, and whereas, the meeting was hosted by the Minnesota Department of Agriculture, and whereas, the meeting accommodations and program were of excellent quality. Therefore, be it resolved that the Horticultural Inspection Society, Central Chapter wishes to express its appreciation and sincere thanks to the Minnesota Department of Agriculture, and its staff, especially Steven Shimek, Lola Youngblom, Chuck Bock and David Simmons, who made the 32nd meeting a success. Adopted: October 24, 2002

RESOLUTION #2

Whereas, the 32nd annual in-service training of the Horticultural Inspection Society, Central Chapter was held in Deerwood, MN, on the 21st through the 24th of October, and whereas, the state of Minnesota graciously provided transportation and

drivers during the annual meeting. Therefore, be it resolved that the Horticultural Inspection Society, Central Chapter wishes to express its appreciation to the Minnesota Department of Agriculture. Adopted: October 24, 2002

RESOLUTION #3

Whereas, the 32nd annual in-service training of the Horticultural Inspection Society, Central Chapter was held in Deerwood, MN on the 21st through 24th of October and whereas the State of Minnesota and Ruttgers Bay Lake Resort provided excellent meals during the annual meeting. Therefore be it resolved that the Horticultural Inspection Society, Central Chapter wishes to express its appreciation to Minnesota Department of Agriculture and Ruttgers Bay Lake Resort. Adopted: October 24, 2002

Bill Hilbert, KS, made a motion to accept the resolutions as read. Larry Hanning, MO, seconded. Motion carried.

NOMINATIONS COMMITTEE AND 2002 HOST STATE

The 2002 Nominations Committee was comprised of Steve White, KS, Collin Wamsley, MO, and Julie Van Meter, NE. Steve White read the following list of suggested officers for next year:

President: Steven Shimek,
Minnesota

Vice President: Thad Kohlenburg,
Wisconsin

Secretary: Susan Ehlenbeck,
Missouri

Treasurer: Bria Radtke,
Wisconsin

Editor: Steven Shimek,
Minnesota

A motion to accept nominations as read was made, seconded, and passed. Thad Kohlenburg, accepted for Wisconsin to host the 2003 H.I.S. Central Chapter meeting. Dates were tentatively set for October 20-23, 2003, in Wisconsin, at or near Madison area.

H.I.S. CENTRAL CHAPTER REPRESENTATIVE TO THE CENTRAL PLANT BOARD MEETING

Mark Cinnamon, IL, said that he would be willing to be the H.I.S. Central Chapter representative in 2003 to the Central Plant Board meeting in Illinois and then report back to us during our next business meeting. Nellie Brown, MO, added that if no Illinois inspectors were allowed to attend due to budget cuts, she would be willing to attend.

HONORARY MEMBERS

Susan Ehlenbeck, secretary, read a list of names of members who have retired or would be retiring before the end of the year. The list included Clare Cargo, Charles Farris, Daniel Keene, and Stan Tuckwell from Michigan; Donald Orton, Riley Foster, Robert Lubben, Norm Seaborg, and Stanley Smith of Illinois; and George Kelly of Ohio. She mentioned that several of these members were Charter members of our organization. A letter was also read from Charles Farris that he was retiring and wanted to remain as a member and offered support to help the organization as best he could. Susan then made a motion to accept the members on the list as Honorary Members of the Horticultural Inspection Society, Central Chapter. The motion was seconded and passed.

OTHER BUSINESS

Susan Ehlenbeck, secretary, mentioned that there were a number of people who reliably show up at most every meeting, but there is a need to get others further involved in the organization. She thanked members for attending who were not often seen at the meetings. She explained the value added benefit of the ability to communicate through the list serve and encouraged others to use this benefit on a regular basis. She also asked that each state send her updates on a regular basis of changes in personnel and addresses so she could invite new inspectors into the group, and keep existing members up-to-date. She thanked those states that had already done so. Susan also encouraged attending members to invite new inspectors, remind experienced inspectors of the value of attending the training session and meetings, and when possible, remind supervisors of the benefits of our continued training such as our organizations gatherings. She informed the group that she was removing people who had not paid in at least 5 years from the membership list and that more will be removed from the mailing list if their dues were not kept up-to-date. Other agreed stating that part of membership requirements are that dues be paid each year to support the organization. Steve White, reminded everyone that if they don't pay their dues, they will not be allowed to participate in the listserv group. Susan Ehlenbeck mentioned there were no official patches left to send to new members as was previously done. She asked for opinions as to continue with the patches, or to make something such as lapel pins that may be more likely worn by members. Others discussed that they really did not display or wear the

patches. Lola Youngblom said she could check on prices of patches versus pins. Mark Cinnamon, IL, mentioned that a logo silkscreen is in our archives if needed. Larry Hanning, MO, felt it was it would be nice to send the patch to new members as was done in the past. Susan Ehlenbeck mentioned that we could continue sending badges to new members and then offer lapel pins to the membership for purchase if this was the preferred option. It was decided to allow Lola or any others to look into the prices of each option then vote via email. Bill Hilbert, KS, mentioned that every newsletter except 2 was in the archives. Susan Ehlenbeck again thanked Steven Shimek, Lola Youngblom and the MN Dept of Agriculture for all the work put into the meeting. She asked if there were thank you notes to be written to those who donated products, services, or other support of the meeting, and Steve added that this was already being taken care of. He also planned to post the names of sponsoring companies on the website, so that members could support or thank those companies. Cheri Copeland, president, thanked the officers for their work throughout the year. The gavel and Roberts Rules of Order was passed to the new H.I.S., Central Chapter President, Steven Shimek, MN. Steve thanked Cheri for her service throughout this year as president. A motion was made by Phil Mason, ND, and seconded by Cheri Copeland, KS, to adjourn the meeting. Motion carried. Meeting adjourned at 9:45 a.m.

Respectfully submitted,
Susan Ehlenbeck
H.I.S. Central Chapter Secretary

BILL MCADAMS LEAVES THE IOWA DEPARTMENT OF AGRICULTURE FOR GREENER PASTURES IN PRIVATE CONSULTING

Bill McAdams

As of March 3...I have resigned my position with the Iowa Dept. of Agric. I am now operating a full time insect/disease nursery consulting business.....McAdams Consulting, Inc. Currently I am working with a number of nursery growers in IA, IL, and WI. We plan to continue to reside in Swisher, Iowa.

I am very interested in participating with the HIS inspectors in their events. Could you please let me know...what I can do....and what I can't do? I don't want to be affending anyone by trying to continue my HIS involvement....but I don't want to be turning my back on the HIS organization either.

President/Editors Note: Best wishes to Bill. He has been a tremendous resource of information and a very active member of the HIS, Central Chapter. I appreciate Bills continued involvement in HIS. His outstanding contributions to our group certainly make him a valued member. The HIS constitution States:

The regular membership of this organization shall be limited to State employees engaged in plant pest inspection work as inspectors or as supervisors, in field or laboratory or office, other than administrative personnel. Honorary membership may be awarded to administrators or to others, who by their experience and achievements and interest are worthy of this distinction.

I will plan to nominate Bill as an honnerary member and look forward to seeing him at future meetings.

CHANGES IN ILLINOIS INSPECTION STAFF

Mark Cinnamon

Don Orton, Norm Seaborg, Bob Lubben, and Riley Foster retired Dec. 31. Don and Norm were charter HIS members. Don is consulting on his own. Norm is doing part time consulting for a local tree service and playing bingo. Bob is farming and may do a little consulting for a few nurseries. Riley the last we have heard was traveling in Great Britain. Bob and Riley were HIS members for over 20 years. I think we will replace two of them by fall. Stan Smith also retired. Stan will be doing consulting on a part time basis. Stan also was a charter member of the HIS.

I am still field staff and on temporary assignment as Northeast Illinois Supervisor of Field Staff and Illinois Nursery Operations Manager. Boy that was a mouth full of I'm not really sure what. The drive to and from the Des Plaines office 4 to 5 days a week has been a true character builder or revealer.

The Illinois group is hanging in there, doing the best we can with a short staff. I'm sure it is the same in almost every other state also. As inspectors we're all in this together.

...More Honorary Members



THE FOLLOWING IS A SUMMARY OF THE 2002 HORTICULTURAL INSPECTION SOCIETY ANNUAL MEETING AND IN-SERVICE TRAINING AT RUTTGERS BAY LAKE LODGE, DEERWOOD, MINNESOTA.

Geir Friisoe – Plant Pest Management Section Manager, MDA, welcomed the group to Minnesota's Northwoods, and provided a summary of the Central and National Plant Board Meetings. Geir hosted the National Plant Board Meeting in Duluth Minnesota in August 2002.

Jeff Gilman – Assistant Professor, Nursery Management Specialist, University of Minnesota, outlined the challenges of providing education, outreach and support services to the nursery industry and regulatory officials with limited resources.



Steve Katovich – Forest Health Specialist, USDA, Forest Service, detailed the the current knowledge of the Emerald Ash Borer in Michigan.

Cynthia Ash, - Director of Scientific Services at The American Phytopathological Society, discussed member benefits and available technical references including on-line journals.

“Preventing Stem Girdling Roots” was the title of the video produced by the Minnesota Society of Arboriculture and the USFS, Urban Forestry Center for Midwestern States. The video generated a discussion of the importance of planting depth for long term tree health. Each state received a copy to distribute.

Val Cervenka – Forensic Entomology Consultant and MDA Gypsy Moth Trapping Coordinator presented a fascinating if sometimes gruesome presentation titled: “Entomology and Death: Solving Mysteries with Maggots”. Val has worked with law enforcement using entomology to establish time since death.

Cindy Hale – University of Minnesota, discussed Exotic Earthworms and their impacts to Northern Forest Ecosystems. Her research suggests that the introduction of exotic earthworms may impact native plants in the glaciated regions of North America.

State Reports and discussion rounded out the first day of in-service training. This was followed by a barbecue, hospitality, slide presentations, discussion and “Plant Protection Jeopardy” in the hospitality cabin.

Day two began with: “Exotic Species - Biological Threats to Ecosystem Security”, presented by Peter Dziuk, - Exotic Species Coordinator, Minnesota Dept. of Agriculture.

Janna Albers – Forest Health Specialist, Minnesota Dept. of Natural Resources, presented Hazard Tree Biology: Preventing Hazard Trees in the Nursery. Janna has worked on developing training materials to assist foresters to identify and classify trees that pose a hazard

Cheryl Biller – Diagnostician and Lab Manager at North Dakota State University. attempted to demystify “The Alphabet Soup of Laboratory Diagnostics”. She detailed some of the new technologies that are used to detect and confirm plant pest organisms in lab diagnostics.

An update of Sudden Oak Death was provided by Susan Cohen – USDA-APHIS. Sue outlined protocols for sudden oak death surveys. State reports and discussion followed lunch. A trip to the Mille Lacs Indian Museum completed the second day.

The Horticultural Inspection Society Central States Chapter Annual Business Meeting was held on Thursday morning and concluded Before 10:00 AM - Check-out and say goodbye until next year. We will meet in Wisconsin in October, 2003.

NEW NURSERY INSPECTORS JOIN NEBRASKA DEPARTMENT OF AGRICULTURE

Vicky Wholers - State Entomologist, Nebraska Department of Agriculture

Julie Van Meter and Ryan Krull have joined the Nebraska nursery inspection staff .

Julie began working for the Nebraska Department of Agriculture as a Nursery Inspector in May 2002, covering the Omaha/Northeast Nebraska territory. She has recently moved into the Lincoln/Southeast Nebraska position, taking over the territory formerly inspected by Vicki Wohlers. Julie's duties will include inspecting nursery dealers and growers, insect survey work, and phytosanitary inspections. She will also be assisting with the development and maintenance of nursery records.



Julie is a native of Nebraska, growing up near Walton (near Lincoln). She received her Bachelor of Science Degree in 2000, majoring in Horticulture, from the University of Nebraska-Lincoln. Julie is currently finishing up her Master of Science Degree in Agriculture/Horticulture, with a minor in Agriculture, Leadership, Education and Communication, at the University of Nebraska-Lincoln.



Ryan Krull began working for the Nebraska Department of Agriculture as a summer temporary employee in May 2002. He was hired on in a full-time capacity in December, 2002 as the nursery inspector covering the Omaha/Northeast Nebraska territory. Ryan's duties will include inspecting nursery dealers and growers, insect survey and detection work, and phytosanitary inspections.

Ryan grew up in Lincoln, Nebraska. He recently received his Bachelor of Science Degree in December 2002, majoring in Horticulture, from the University of Nebraska-Lincoln.

Ryan looks forward to attending his first Central Chapter H.I.S. meeting in Wisconsin in October 2003

GERANIUM PLUME MOTH, *PLATYPTILIA PICA* (WALSINGHAM) ORDER *LEPIDOPTERA*, FAMILY *PTEROPHORIDAE*

John Crouch - Regional Entomologist, Iowa Department of Agriculture and Land Stewardship

Distribution

The moth is native to the coastal areas of the western United States and Canada and has been introduced into greenhouses in many states. It may be brought into greenhouses from cuttings taken from field-grown stock plants of geranium and snapdragon.

Hosts

Geranium plume moth feeds chiefly on plants of the figwort family, *Scrophulariaceae* as well as members of the mint, geranium and primrose families of plants.

Description

The adult has wings split into plume or feather-like divisions. This characteristic is usually visible only during flight. The wingspan ranges from ½ to 1 inch. The fore wings are light brown to black with contrasting white markings. There can be considerable variation in color pattern. Alternate brown and white stripes give the legs a banded appearance. The pupa is green to red and is found attached to the plant.

Life History

The moths are nocturnal, hiding by day among the plants or under greenhouse benches. The females deposit small pale green eggs on the flower buds or more rarely on the leaves. Red flowered varieties appear to be preferred for oviposition. The newly hatched larvae bore into a flower bud and consumes the floral parts. Later stage caterpillars may feed externally on petals or leaves if flower buds are absent. The larvae complete four instars and pupate on buds or leaves. The lifecycle takes about 29 days under typical greenhouse conditions.

Damage

Feeding may be so heavy that the buds fail to open; or, if they do, the petals are riddled with holes, making the

plant unfit for sale. A single caterpillar may damage all the buds of four or five plants before pupation.

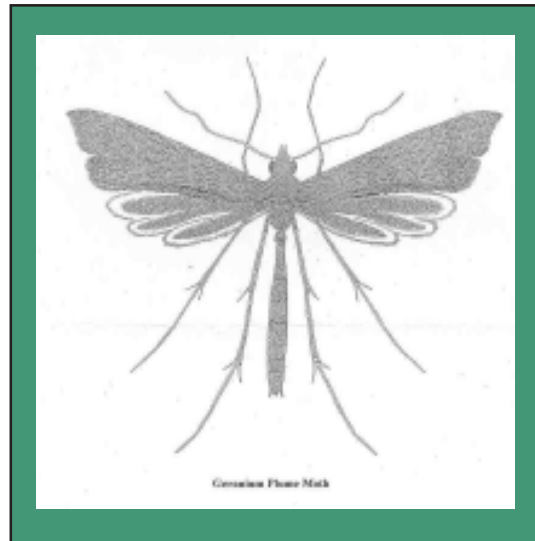
Control

The moth is difficult to eradicate once it is established in a greenhouse; thus, early detection is essential to effective control. Cuttings coming from areas where the moth is native or has become established should be examined thoroughly before being brought into the greenhouse. A pyrethroid dip with a labeled insecticide should give adequate control.

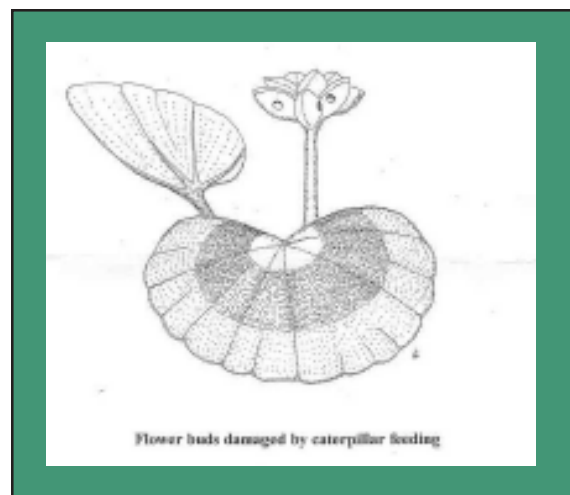
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Geranium Plume Moth



Flower buds damaged by caterpillar feeding