

VOLUME LXXX • NO. 24
JUNE 18-25, 1999

BRIEFS

STATION NEWS

Items for *Station News* should be sent to Pat Blakeslee (pb64@nysaes.cornell.edu), interim *News* editor in Communications.

BEWARE OF WORMS

A new, very destructive worm (trojan horse) has been spreading since 6/6/99. It is called Worm, ExploreZip, Explore, or ExploreZip. This worm is likely to spread as widely as the recent Melissa/Mailissa worm. It's also much more destructive as it attempts to delete Word, Excel, and Powerpoint files (among others) as well as spreads itself to other computers.

Ron Pool believes that it can only damage files and spread itself on Windows machines. What you should do about this, especially if you're a Windows user, is:

1. Update the virus definitions on your computer as soon as possible.
2. Do not under any circumstances open a file you receive through email that is named "zipped_files.exe", even if the file comes from someone you know.

If you want to know more about this worm, read these web pages:

- <http://www.symantec.com/avcenter/venc/data/worm.explore.zip.html>
- http://headlines.yahoo.com/FC/Tech/Computer_Viruses/

SAVE THE DATE

Station Picnic

Friday, July 16, 3:00 p.m.
Station Pavilion

Details coming soon!

(BRIEFS Continued on page 2)

SHAULIS GREETES AWARD WINNER



Professor Emeritus Nelson J. Shaulis (center) congratulates Susan C. Fallon, 1999 recipient of the Nelson J. Shaulis award. Also on hand for the event were (from left to right), John H. Brahm III, Alan Lakso, and Martin Goffinet. Photo: Rob Way.

Sarah C. Fallon, from Tully, NY, is the 1999 recipient of the Nelson J. Shaulis Advancement of Viticulture Award. She was the honored guest in the Horticultural Sciences department at the Experiment Station on Tuesday, June 15 when she visited with viticulturists and enologists involved in grape and wine research at the Station, and met the distinguished Dr. Shaulis.

"For me, the main attraction of the Shaulis award is the combination of scientific research with the opportunity to delve into the vast grape industry in the Finger Lakes," said Fallon, who is a sophomore in agricultural and biological engineering at Cornell University. "I feel very honored to have received it." Although the scholarship is not always awarded annually, Fallon joins seven other recipients who have been able to pursue summer research projects with the funds, which this summer amount to \$2,500. After completing her B.S. degree at Cornell, Fallon hopes to continue her education by pursuing an advanced degree in viticulture or enology at the University of California at Davis.

The Nelson J. Shaulis award was established in 1978 in honor of the then retiring Nelson Shaulis. The award funds the work of a viticulture student and allows them to work directly with Cornell grape research and extension faculty on an independent research project.

The goal of the award is to encourage students to enter the field of viticulture as a career by involving them to viticultural research," said John H. Brahm III, of Arbor Hill

(SHAULIS AWARD Continued on page 2)

(SHAULIS, cont.'d)

Winery, in Naples, who is chairman of the N.J. Shaulis Advancement of Viticulture Award Committee. The award is administered by the New York Grape Production Research Fund.

This summer, Fallon will be working with Alan Lakso and Martin Goffinet to study the physiological differences between vinifera and American-type grapes. She will also travel to other grape research sites around the state, particularly the Vineyard Research Laboratory at Fredonia.

Shaulis cautioned Sarah about becoming too much of a specialist too soon, and advised Goffinet and Lakso to "spend some time introducing her to the riches of the viticulture literature in the Geneva library." He also advised Fallon to investigate "Geneva's many headed structure for grape research," suggesting she become familiar with work being done in food science, enology, plant science, and agricultural engineering.

Shaulis is considered by many to be one of the fathers of modern viticulture and has received many awards in his highly distinguished career. The emeritus professor was most recently honored at the Finger Lakes Grape Growers Conference on March, 6, 1999, when he received a plaque of signatures from his many colleagues and friends in recognition of his contributions to the New York grape industry over the years.

L. McCandless

(BRIEFS, cont.'d)

SAS WORKSHOP OFFERED

CISER is offering a brief series of SAS Programming Workshops this summer. These workshops are intended for Cornell faculty, students, and staff involved in social science research. The focus is on writing SAS programs to prepare and analyze data. There are three workshops in the series. New or beginner level SAS users should attend all three, as the sessions build on one another.

See <http://www.ciser.cornell.edu/pub/Workshop.html> for schedule and registration information. For specifics on each session, contact Carol Murphree, CISER Computing Consulting Services Manager (cam6).

BIKE WEEK ROLLS TO AN END



Bike week started off hot. Very hot. But not hot enough to deter 70 courageous souls from depending on footpower instead of horsepower to fuel their daily commute. "Juice consumption was definitely up this year," reports event coordinator extraordinaire Jennifer Grant, though participation was on par with other years.

Monday's 90°-plus temperatures didn't phase Dave Paine, who has been known to ride the 10 or so miles from Hall in 4" of snow (though he doesn't recommend it, even *with* studded bike tires)! "Snow is a lot worse than heat," he says. For Dave, bike week was just another week of commuting by bike, except that breakfast was waiting when he arrived.

Bike Week reps lent a hand in preparing the breakfast offerings, which included John VanderWeide's famous sausage and egg dish; Sheri Day's scrumptious granola bars; and an elegant spread of homemade goodies—complete with flowers and tablecloth—provided by Pat Wallace and Rixana Petzoldt.

Daily drawings for biking paraphernalia donated by sponsors added to the fun. Friday turned out to be Natalia Padilla's lucky day, though she didn't actually win the prize.

"Who needs a helmet?," queried Grant, as the drawing was about to begin.

"I do," responded Natalia.

"Ok, then, let's draw Natalia's name," Grant replied.

As it turned out the lucky winner was walker Ken Bell, who turned and gave the coveted *Bell* bike helmet to Natalia. Bell decided he didn't need it, since he doesn't even have a bike.

At week's end, PGRU clinched top spot for participation, with entomology taking a distant second. Is it a coincidence that Sheri Day's department placed first for the third year in a row? Jennifer Grant thinks not.

Special thanks go to event sponsors Tops, Geneva Bicycle Center, and Station Club; Station reps; and especially to Jennifer Grant, who spearheaded the annual event in 1996 and has coordinated it ever since.

P. Blakeslee

WORKER PROTECTION STANDARD TRAINING

The final training session for the Worker Protection Standard (WPS) will be held on Friday, June 25, in the Auditorium of Jordan Hall from 1:30-3:00 pm.

All new employees who will work in farm fields and/or greenhouses and all new B&P staff should attend as soon as possible after their first day of work. New employees should bring with them to the training session a signed copy of the "Basic Pesticide Training Requirements for Workers" from the back of the current electronic ver-

sion of the *Station Safety Manual*. The *Manual* is found in the safety folder on the CC fileserver.

Employees trained in 1994 are required to be trained again in 1999 and should attend a training session before the expiration date on their WPS Handler Verification Card.

No pre-registration is necessary.

This training is in addition to any OSHA training that may be required for lab or office workers. Call Mart VanKirk (781-5307) for more information.

VIBURNUM LEAF BEETLES HAVE MUNCHEDED THEIR WAY TO GENEVA

For the ravenous viburnum leaf beetle, a relentless southern march continues. The beetle (*Pyrrhalta viburni*) has chewed its way through ornamental shrubs in several New York counties along Lake Ontario, leaving the skeletal remnants of once-beautiful bushes in its wake. Cornell University entomologists have also found it in Geneva and as far south as Ithaca.

"If it follows what it did in Rochester, it's going to be a major pest," says entomologist E. Richard Hoebeke, an assistant curator of the Cornell Insect Collection.

Hoebeke spotted the beetle May 22 at Sampson State Park on Seneca Lake near Ovid, N.Y. The following day, he found it at Taughannock Falls State Park, near Trumansburg, N.Y., and on May 27 he sighted it for the first time on the Ithaca campus. He's also seen the beetle on his own home property in Trumansburg.

This is third year the beetle has been seen in the central and western parts of New York. Hoebeke first discovered the viburnum leaf beetle along the Lake Ontario shore on July 5, 1996, at Fair Haven Beach State Park in northern Cayuga County. That summer he also found the pest in Monroe, Orleans, Niagara, and Jefferson counties. The counties of St. Lawrence, Oswego, Ontario, Wayne and Genesee have since joined the growing list. Last year, Hoebeke found the beetle in Geneva, N.Y.

Currently, Paul A. Weston, Cornell senior research associate in entomology, is conducting research trials at the Highland Park Arboretum in Rochester, to find ways to eliminate the pest. He is testing a wide array of potential weapons, including natural predators, like ladybugs, and he expects to test parasitic wasps. Weston also is conducting studies to determine what makes viburnums susceptible to the pest and other plants resistant.

"It's not a surprise that the beetle was found in Ithaca. Considering how fast it has been expanding its range, we were expecting it here this year or next," Weston says.

Weston, Hoebeke, and Brian C. Eshenaur, a Cornell Cooperative Extension agent in Monroe County, have developed a viburnum leaf beetle fact sheet to assist homeowners, nurseries and landscapers in identifying the pest. The fact sheet is available through county cooperative extension offices.

The adult beetles are hard to see, resembling a small, dark-brown blotch, about the size of the head of a large matchstick. The young larvae have an off-white color, and in the second larval stage they develop black, uniform spots on their backs. Both larvae and adults are devastating to the ornamental plants.

An adult female can lay up to 500 eggs, and the larvae hatch from eggs in early May. They feed on the viburnum leaves throughout the larval period, which lasts four to five weeks. By early to mid-July, the adults appear and continue gorging on the remaining leaves. They then mate and lay eggs on the shrub's twigs.

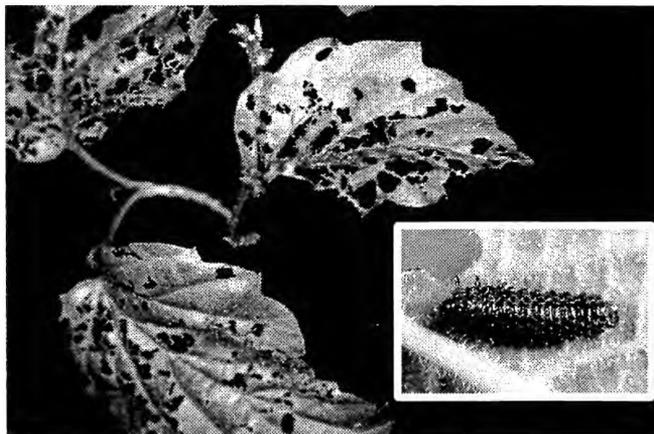
First discovered in Canada in 1947, the viburnum leaf beetle could have traveled from Europe on nursery plants around the turn of the century, Hoebeke suggests. It was not seen in North America again until 1955 at Font Hill, Ontario. The insect then went undetected for 23 years, until it was found again in Ottawa, Ontario, and Hull, Quebec. Scientists have tracked its movement since.

Hoebeke says that the leaf beetle caused severe defoliation of ornamental viburnums in the Ottawa-Hull region in 1978. The beetle attacked the popular European cranberry bush viburnum, (*Viburnum opulus*), as well as arrowwood viburnum (*V. dentatum com-*

plex), American cranberry bush viburnum (*V. trilobum*) and maple leaf viburnum (*V. acerifolium*). Other viburnums, most notably leatherleaf viburnum (*V. rhytidophyllum*) and Koreanspice viburnum (*V. carlesii*) are virtually immune.

Homeowners or landscapers should contact their county Cornell Cooperative Extension office if they suspect the presence of the beetle on ornamental viburnum trees or bushes.

B. Friedlander



Photos: Rebekka Foster.

WHAT TO DO?

IPM extension associate, Jana Lamboy, says the damage to certain

species of viburnum in Geneva is as bad as it is purported to be.

"Paul Weston and I found the beetle larvae on highbush cranberry and arrowwood viburnums at Jordan Hall and by Buildings and Properties," she said. "Gary Chicoine found both beetle and larvae on highbush cranberry at his house 10 miles south of the Station." According to Lamboy, these two varieties seem to be the most susceptible.

"Nurseries in the Rochester area are no longer selling the susceptible viburnum species," Lamboy reported.

Management recommendations include pruning out the egg cases on the tips of twigs in the fall to prevent the insect from over-wintering. Pyrethrin or other product labeled for beetle feeding on foliage of ornamental shrubs can be used to protect the plants.

Pyrethrin is recommended for controlling larvae and adult; alternatives include insecticidal soap and horticultural oil. Read label directions to make sure the particular product you are considering is registered for leaf feeding beetles and in your type of application.

A fact sheet, titled "Viburnum Leaf Beetle," is available from Monroe County Extension, prepared by Brian Eshenaur and Paul Weston. The fact sheet covers the insect life cycle and control measures. Selection of resistant cultivars and pruning to remove twigs with egg cases are the best management options.

L. McCandless

CALENDAR of EVENTS
JUNE 18-25, 1999

HAZARD TRAINING

Hazard Communication Training

June 23, 1999, 10:30 a.m. - noon

Jordan Hall Auditorium

Coffee and donuts will be provided.

Who should attend: All employees who work with hazardous chemicals (excluding pesticides) in other than laboratory settings.

Why attend: The health and safety of you and your coworkers depends on your understanding of potential chemical hazards and proper handling. This training is provided in compliance with OSHA training requirements.

Presentors: Mike Vitucci and Soon Kong

Note: Hazardous chemicals are defined as those materials that possess either a physical and/or health hazard. Refer to Material Safety Data Sheets for chemical hazard information.

(<http://www.nysaes.cornell.edu/fst/safety/>) or

(<http://www.ehs.cornell.edu/lrs/>)

STATION SOFTBALL

Week #5 Games

Tuesday, 6/22 Service Staff vs. Food Sci/
PGRU/Comm

Thursday, 6/24 Hort Sci vs. Barton Lab

Week #3 Results

Hort Sci defeated Food Sci/PGRU/Comm
 Service Staff defeated Barton Lab

SEMINAR

Preparing for the Future

Wednesday, June 30, 10:30 a.m.

Barton Hall, 1st floor

Jo Ann Shepherd of the Graduate Career Office in Ithaca is coming to give a seminar on job opportunities, networking, writing applications, and strategies for job interviews. The talk will be followed by a reception to give us the opportunity to speak with Jo Ann personally. JoAnn encourages everybody to bring their CVs for review and comments. All students, postdocs, and visiting scientists welcome. Please join us! Sponsored by SAGES.

CHECK THIS OUT



The next time you pass by the Sawdust Café, be sure to take a moment to admire the handywork of Ed Bailey (left) and Nestor Ortiz (right), the team behind the new sign over the entrance. On a visit to the Café a while back, Nestor, who paints signs for area ballparks as well as the Station, decided that the plywood sign that adorned the entrance didn't measure up to Station standards. Being in a position to correct the problem, he did. Nestor came up with the design, which plays off the Café's name, and recruited Station Carpenter Ed Bailey to help him. To the casual observer, the sign may look like an assemblage of recycled tools. Not so. The 3-D creation is fabricated entirely of wood. Ed did the cutting. Nestor did the painting. Kudos to both for a job well done.*

P. Blakeslee

**Station History 101: The Sawdust Café's name harkens back to its days as the Station's carpentry shop. (Photo: Rob Way)*

CLASSIFIED

APARTMENT NEEDED: Dr. François Barja, a Swiss scientist (from Geneva) who has been spent study leaves in Geneva in the past, will be on campus for the months of August and September. He is seeking a furnished 1- (or 2-) bedroom apartment for that period. If you have or know of such an apartment, contact Harvey Hoch, 787-2332.

FOR SALE: DP weight bench, bars, lots of weights (\$25). Bikes: woman's 24" 10 speed with baskets (\$30); woman's 24" 3 speed (\$20); man's 28" 10 speed (\$20); boy's 3 speed (\$30). If interested contact Norm or Cathy Weeden at nfw1 or crw7 or x 245 .

FOR SALE: Two-bedroom mobile home in good condition, located in a park 3 miles from the Station. \$6,000. Call Jerry Johnston at x293 or 716-526-6531 after 6:00 pm.

WANTED: Please send your Tops grocery tapes to Judy Birkett, Jordan Hall. The tapes support fund-raising efforts of the Geneva High School Marching Band/Color Guard.

FREE: Kittens, 8-weeks old, some long-haired (blacks, grays, calicos). Call Mary Lou Dumbleton at 585-9836.

LEARN TO SAIL THIS SUMMER: Seneca Yacht Club in Geneva offers Youth and Adult Sailing classes this summer. Two three-week sessions of Beginning and Advanced Junior Sailing (open to youth 9-16 years old) begin on June 28 and July 19. Each session consists of 8 classes (8:30 am - 3:30 pm); Cost: \$125/session for SYC members, \$135/session for non-members. A three-week Adult Sailing class (T-TH, 5:30-9:00 pm) begins June 29. Cost: \$80. For more information or a brochure/registration form, contact Dave Soderlund (x364 or 789-8758 or dms6).

If anyone is in need of dry ice there is a large supply available in Room G-17 of the Food Science Dept. Please call Jane DeCann at x287.