

CORNELL
U N I V E R S I T Y**STATION NEWS**G E N E V A
N E W • Y O R KVOLUME LXXVII • NO. 42
OCTOBER 18-25, 1996**BRIEFS****YOUR LAB, THE EPA, OSHA
AND YOU**

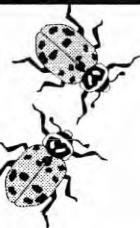
A training program entitled, "Your Lab, the EPA, OSHA and You" will be presented by Tom Shelley from Cornell Environmental Health and Safety on Tuesday, October 22, from 9:30-11:30 am in the Auditorium, Jordan Hall. This special program deals with important Lab Standard and RCRA (hazardous waste regulations) issues as they pertain to laboratories at Cornell (including Geneva). The training is designed to promote good laboratory practices so that labs at Cornell will be in compliance with Federal and State regulations. The core components of the program deal with the handling of chemical wastes and the storage and labeling of chemical containers.

Every person working in a laboratory is strongly encouraged to attend this informative program.

**CONGRESSMAN WALSH
RECEIVES
FARM BUREAU AWARD**

At the recent annual meeting of the Onondaga County Farm Bureau, Representative Jim Walsh was honored for his strong voting record on issues important to agriculture in the 1995-96 session of Congress and presented with the Farm Bureau's "Friends of Agriculture" (FOA) Award. FOA is an American Farm Bureau program designed to recognize lawmakers who support agriculture and is a means of political education for Farm Bureau members. It is not an endorsement.

Other winners were Senator Alphonse D'Amato and they following New York members of the House of Representatives: Dan Frisa, Amo Houghton, Peter King, John McHugh, Susan Molinari, Bill Paxton, Jack Quinn, and Gerald Solomon.

**LADY BUG, LADY BUG,
FLY AWAY FROM MY HOME!**

The invasion of the Halloween lady beetle has just begun. They're moving in for the winter after gorging on your aphids during the summer. They're found clustering in windowsills, winging about, and crunching underfoot. The little beetles are only 1/4 inch long and 3/16 inch wide, and they range in color from pale yellow-orange to brighter orange, with or without black spots on the wing covers.

"Homeowners should not worry," said Janet J. Knodel, entomologist with the IPM Support Group at the Agricultural Experiment Station. "They may be here in record numbers, but multicolored Asian lady beetles don't bite, sting, carry human disease or eat wood, clothing, food or houseplants."

Harmonia axyridis (Pallas) was first found in New York in Chemung County in early 1994. It was introduced as a biological control agent and is rapidly spreading through the Empire State and New England.

The spotted ladies are becoming somewhat of a major nuisance to homeowners because of their habit of invading houses and buildings in large numbers in the fall, and appearing again on warm, sunny days in February and March. Despite its annoyance value, *H. axyridis* preys upon many species of injurious soft-bodied insects such as aphids, scales, and psyllids, and is considered beneficial to growers and agriculturists.

An adult beetle is capable of eating 90 to 270 aphids per day, and each larva can consume 600 to 1,200 aphids during its development. In New York, these lady beetles have been prevalent on copper beech, honeysuckle, and European spindle trees heavily infested with aphids. They have been used in Connecticut for control of red pine scale, and have been observed feeding on the balsam twig aphid and pine bark adelgid in Christmas tree plantations and on aphid-infested apple, birch, cotoneaster, and rose, in Pennsylvania.

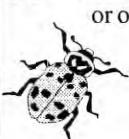
The native range of *H. axyridis* encompasses much of Asia. It was first released to control aphids on several agricultural crops in North America. Although the beetle was officially introduced by the USDA in California in 1916, 1964, and 1965, some researchers think the current lady beetle populations originated from accidental introduction of the species during freighter activity in New Orleans. Since the early 1990s, this exotic lady beetle has proliferated and moved rapidly from the Deep South into the Northeastern states and eastern Canada and is now widely distributed across much of the United States east of the Mississippi River. The beetle is also found on the West Coast.

In central New York, Knodel says the multicolored lady beetles are beginning to congregate by the hundreds on walls, doors, ceilings, and windows, as well as outside surfaces, especially on warm sunny days. They prefer the light-colored houses located in open fields, because they mimic the beetle's natural overwintering habitat—rock cliffs—in Asia.

Knodel does not recommend the use of insecticide for controlling populations of *H. axyridis*. The best technique for managing lady beetles is first to prevent their entry into houses and other buildings by sealing cracks and openings around windows, doors, siding, and utility pipes with a quality silicone or silicone-latex caulk. Similarly, repair door and window screens

or other openings to the outdoors using regular window screening (about 18 X 16 mesh size). If beetles still gain entry into living spaces, Knodel recommended removing and disposing of them using a broom and dustpan, or vacuum cleaner, and releasing them outdoors. When using a broom and dustpan, gently collect the beetles to avoid

(Continued on page 2)



UPCOMING POWER OUTAGES SCHEDULED

The station electrical distribution system will be undergoing extensive testing, maintenance and calibration during the next two months. The goal is to improve the quality and reliability of power station-wide. The following is a schedule of power outages planned (numbers are building numbers):

10/28	Old Range (10), Dairy Barn (14), plus bldgs 68, 61, 18, 19, 9	11/9	Food Science (34), Temporary Feed to Boilers
10/29	General Services (41), Farm Service (55)	11/16	Feeder #1 Heating Plant (36), Food Science (34), Sawdust (12&13), Stone Barn (11), Repository(74), PI Greenhouses (74A), Old Range(10), Hedrick (4), Sturtevant (5), Jordan (1), IPM (6), Dairy Barn (14), plus bldgs 68, 61, 18, 19, 9, & pavilion (60)
10/30	Soils Building (53)	11/29 & 11/30	ALL BUILDINGS
10/31	Warehouse (56)	12/7	Feeder #1 (see 11/16 above for list)
1/2	Feeder #2 Raw Products (40), Seeds bldg (39), General Services (41), Farm Services (55), Warehouse (56), Fruit Testing (21), Soils bldg (53), USDA Plastic house (72), Barton (35), Plus bldgs. 93, 43, 69, 59, 37, 42, 70, & 65.	12/14	Feeder #2 (see 11/2 above for list)

The exact start times and durations will be published closer to the events. Plan on outages of at least 8-12 hours/day on the dates indicated. Normal emergency power will be available in Barton and FST. B&P crews will be on hand checking systems during all outages.

Thank you for cooperation.

Buildings & Properties



Station
Craft Fair
&
Book Sale

Saturday, November 9
in the
Jordan Hall
Auditorium

CORNELL E-MAIL CHANGE



A change will shortly occur in Cornell e-mail. This change will not affect 99% of e-mail users at the Station.

If you tell the outside world that your email address is

netid@cornell.edu

or

netid@nysaes.cornell.edu

you will have to make NO changes.

However, if you tell the outside world that your email address is

netid@postoffice.mail.cornell.edu*

incoming mail will be undeliverable to you from outside of Cornell. You MUST make sure that your correspondents use *netid@cornell.edu* and not *netid@postoffice*.mail.cornell.edu*

Call x289 if you have questions.

(LADY BUG, Cont.)

alarming them. If alarmed, they may discharge a yellow fluid that can stain walls, paint, and fabrics, and that has an unpleasant odor.

Scientists predict that multicolored Asian lady beetle populations will become more balanced when its prey numbers decrease and *Harmonia* itself falls prey to native natural enemies. Its large, even explosive population is probably caused by the massive abundance of prey (predominantly aphids and scales), apparent lack of competition from native lady beetles, and apparent lack of native natural enemies.



For more information, call Jan Knodel at x207.

A fact sheet on the Multicolored Asian Lady Beetle, written by Janet J. Knodel, IPM, Geneva, NY, and E. Richard Hoebeke, of the Dept. of Entomology, at Cornell, is available from Cornell Cooperative Extension

SURPLUS FOR SALE

The following items are being surplused by Buildings and Properties. Sealed bids will be accepted in the Station Buildings and Properties Office until Friday, October 25, 1996, at 2:00 pm. Please be sure to include your name, campus telephone number, and department on each bid. The Station has the right to reject any or all bids.

1980 Chevy pick-up, #CCM24A1144917
53,780 miles, minimum bid: Best offer

1985 Ford 4x4 pickup, #2FTHF26H7FCB2281
with Fisher snowplow
74,695 miles, minimum bid: Best offer

Weaver twin post lift
11,000 lb capacity
minimum bid: Best offer

Result of vehicle sold:

1982 Chevy pickup purchased by Pat McMahon
for \$793.

USED BOOKS WANTED

It's time to do your annual book shelf cleaning! The Library will be accepting book donations on November 6, 7 and 8 for the annual Station Craft Fair and Book Sale. **No magazines please.** For every three books you donate, you will receive one free!

OUTSTANDING EMPLOYEE NOMINATIONS BEING SOUGHT

This year's Outstanding Employee of the Year will be announced at the November 8 Station Club Banquet.

Send your letter of nomination to Al Fairbrother via campus mail or E-mail (arf2@nysaes.cornell.edu) by Friday, October 18.

It's an easy way to give that co-worker a well deserved pat on the back.

STATION • CLUB BANQUET

FRIDAY NOVEMBER 8

CLUB 86

Social Hour 6:00 pm • Dinner 7:00 pm

Music by Nick Lite



Broiled Fish \$17⁰⁰

Prime Rib \$21⁰⁰

Baked Chicken \$15⁰⁰

Vegetable Lasagna \$15⁰⁰

*See your Station Club Representative for tickets
Deadline to buy tickets is Friday, November 1*

THIS WEEK'S CALENDAR**OCTOBER 18-25, 1996****EVENTS/MEETINGS****Tuesday, October 22, 9:30 am**

Auditorium, Jordan Hall

"Your Lab, the EPA, OSHA and You"
training program**Tuesday, October 22, 1:30 pm**

Lounge, Jordan Hall

*Geneva Administrative Managers' Meeting***Wednesday, October 23, 3:00 pm**

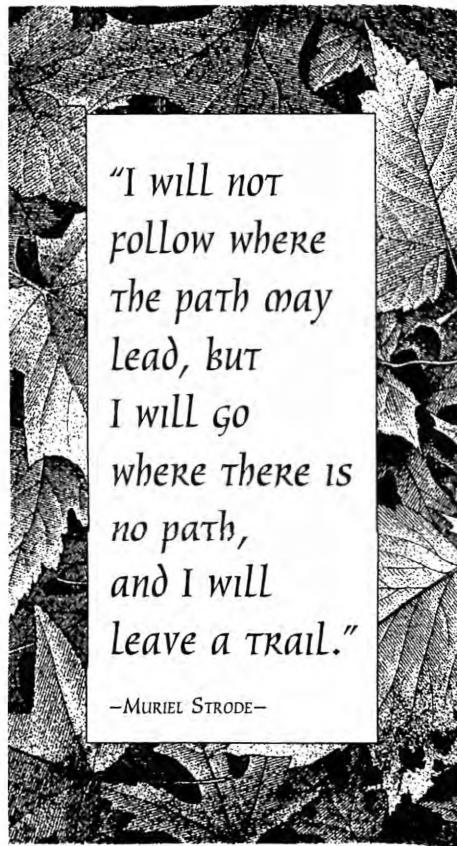
Director's Office, Jordan Hall

*Research Department Chairs' Meeting***Friday, October 25, 6:00 pm**

Holiday Inn, Waterloo

Bonnie Carney's Retirement Dinner**DEADLINES****• Monday, October 28**

Snap bean progress reports, summaries, proposals due in Director's Office.



"I will not follow where the path may lead, but I will go where there is no path, and I will leave a trail."

*-MURIEL STRODE-***SEMINARS****CLASSIFIEDS****HORTICULTURAL SCIENCES**

Date: Monday, October 21
Time: 11:00 am
Place: Staff Room, Jordan Hall
Speaker: Dr. Malcolm Bourne
Topic: Texture and Structure of Fruits and Vegetables

FOOD SCIENCE & TECHNOLOGY

Date: Tuesday, October 22
Time: 10:30 am
Place: Food Science Conference Room, 2nd Floor
Speaker: Dr. Carl Batt, Professor
 Department of Food Science, Ithaca
Topic: Pathogens in the Food Supply: the Holistic View of the Problem

PLANT PATHOLOGY

Date: Tuesday, October 22
Time: 3:30 pm
Place: Room A133, Barton Lab
Speaker: Raymond J. St. Leger
 Boyce Thompson Institute, Ithaca
Topic: Entomopathogenic Fungi as a Reservoir of Genes for Biotechnology

ENTOMOLOGY

Date: Thursday, October 24
Time: 10:30 am
Place: The Paul J. Chapman Conference Room (Room 310, Barton Lab)
Speaker: Dr. Wendell Roelofs, Professor and Chairman
 Department of Entomology, Geneva
Topic: Sex Pheromones: IPM Tool or Hand Waiving?

CITRUS SALE: Ontario Day Care Center is sponsoring its 7th annual Holiday Citrus Fruit Sale. We will be selling:

20 lb. case of Navel Oranges (20-30 pieces)—\$13.00
 20 lb case of Pink Grapefruit (15-20 pieces)—\$12.00
 20 lb. Combo Case (1/2 Oranges & 1/2 Grapefruit)—\$14.00
 New This Year—10 lb. Mixed in a decorative gift giving box—\$10.00

To order contact Pat Marsella-Herrick (363), Ent.; David Gaudory (329), Herb Aldwinckle (369), Plant Path; Luann Preston-Wilsey (263) FST; or you can call the Day Care Center with your order @ 781-0014. All orders must be paid in advance. Fruit will be delivered the week of Nov. 25 at Barton Lab and the Hobart barn. Orders will be taken until Nov 15. Thank you.

FOR SALE: Panasonic 27-inch Television. Picture-in-picture, Extended Warranty (3 more years). Paid \$550 (one year ago). Asking \$450 or best offer. Call 315/548-9625

HOUSING NEEDED: Visiting scientist arriving December 15 from Korea needs to rent a furnished two- or three-bedroom house or apartment. Please contact Gary Harman at x452.

MOVING SALE: Nice three-drawer dresser (\$75) and a wooden TV Stand (\$10) or best offer. Call 789-0429 (home) or x367 and ask for Moshe Reuveni.

WANTED: Foreign coins and stamps needed! My niece and nephew would like additions to their collections for Christmas. If you have any coins (paper money is OK, too), or stamps from other countries you would be willing to part with, please let me know. Thanks! Cathy Heidenreich, Plant Path, x328.

FOR RENT: Furnished apartment with deck, garden, parking. Walking distance to the Station. Available for eight months. \$750/month. Includes utilities. 781-2500.

FOR RENT: Ten-minute drive from Station. Unfurnished modern country four-bedroom house with 2-car garage. Includes washer, dryer, range, refrigerator, dishwasher, and microwave. Available October 1. Call 789-0770.

FOR RENT: Furnished room to non-smoker. Use of kitchen and laundry. Separate bathroom; garage. Must supply own linen, towels, etc. South Main St. (near HWS). 1 1/2 mi from Station; available immediately. \$275/month. Call 789-3226.

SWEATSHIRT WEATHER ARRIVES

The temperature is dropping and what better way to keep warm than in an official Station Club sweatshirt. The Bulletin Office, Jordan Hall, stocks a full-line of official Station Club apparel. Items include sweatshirts, T-shirts, hats, and aprons (Thanksgiving cooking is just around the corner). The Bulletin Office is open from 8:00-Noon Monday-Friday.

SWEATSHIRTS

Adult	XXL	\$15.00
Adult	M,L,XL	\$13.00
Children	M(10-12), L(14-16)	\$11.00

T-SHIRTS

Adult	S,M,L,XL,XXL	\$7.00
Children	M(12-14), L(14-16)	\$6.00

HATS	Adjustable Sizing	\$6.00
APRON	One size fits all	\$10.00