

CORNELL UNIVERSITY STATION NEWS GENEVA NEW YORK

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BRIEFS

STATION NEWS

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

AUTHORS WIN AWARD FOR BEST PAPER FOR SECOND CONSECUTIVE YEAR!

Karl J. Siebert and Penelope Y. Lynn were presented the Eric Kneen Memorial Award for 1999, recognizing the best paper published in the *Journal of the American Society of Brewing Chemists* in 1998. The winning paper is titled "Comparison of Polyphenol Interactions with Polyvinylpyrrolidone and Haze-Active Protein." Criteria for selection are "clarity of exposition, contribution to scientific and technical understanding, technical rigor, originality and overall subject appeal." This award, which includes a cash prize of \$1,000 shared by the authors, is the only one given annually by the American Society of Brewing Chemists. It was presented during the annual meeting of the organization in Phoenix, from June 19-23.

Karl Siebert is Professor of Biochemistry and Penny Lynn is Research Technician in the Food Science & Technology Department at Geneva. Before joining Cornell in 1990, Siebert spent 18 years with the Stroh Brewery Company, most recently as Director of Research. Lynn has been with the Ex-

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NYS IPM PROGRAM RELEASES 1999 ANNUAL REPORT



The 1999 Annual Report of the New York State IPM Program offers 40 information-packed pages on the latest in integrated pest management for fruit, livestock, field crops, ornamentals, and vegetables. Special features include a "snapshot" of the grape IPM team and interviews with five growers about current uses of IPM and future hopes for it. Significant developments reported this year include the following:

- The number of herbicide treatments on grapes was cut in half in two post-emergence weed management demonstrations, with no loss in weed control.
- The number of fungicide treatments for grape powdery mildew and black rot was cut in half, with no loss in disease protection, when treatments were limited to the period just before and just after bloom.
- Weed control for newly planted strawberries got a boost from the brush hoe and the finger weeder, two nonstandard cultivation implements whose use resulted in plots with 40 times fewer weeds than the plots treated with herbicides.
- Successful biological control of the black vine weevil in nurseries and greenhouses—with predatory nematodes as the control agent—depends in part on choosing the right soil mix and avoiding a top-down watering regime.
- Carrot leaf blights can be controlled with half the usual amounts of fungicides if treatments are timed properly.
- Certain carrot varieties, such as Fullback and Carson, are by nature highly tolerant of leaf blight and may not need treatment for it.
- Weather- and disease-forecasting models show future promise of significantly decreasing fungicide use in fresh-market tomatoes.
- A survey of more than 1,000 field crops growers proves the effectiveness of Cornell Cooperative Extension and IPM educational programs.

For more information or for copies of the annual report, contact Margaret Haining Cowles, (315) 787-2408; mhc8@cornell.edu

M. Haining Cowles

(BRIEFS, cont. 'd)

periment Station for 25 years and has worked with Siebert for the last eight years. In the last five years, Siebert and Lynn have published 10 papers on various aspects of protein-polyphenol haze formation in beverages including fruit juices, beer and wine, as well as stabilization of beverages against haze formation.

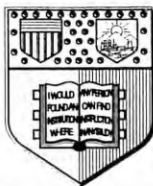
Authors Siebert and Lynn also won the 1998 Eric Kneen Memorial Award.

A HIDDEN LIFE

The July/August issue of *Sierra* includes a short article by B.J. Bergman titled "The Hidden Life of Computers," in which the author reports:

- "It takes an estimated 700 chemical compounds to build a computer, about half of them hazardous. That's why Santa Clara County, California . . . has over 150 groundwater contamination sites and more Superfund sites than any other county in the nation."
- "Producing the chips for one personal computer consumes 2,800 gallons of water. Some fabrication plants . . . guzzle 5 million gallons a day."
- "Contrary to popular belief . . . turning your computer off when not in use can prolong its life by cutting down on heat generation and mechanical stress . . ."
- ". . . PC's devoured over 330 billion kilowatt hours of electrical energy in 1997, "enough to keep California's 11 million households running for more than three years."
- "Americans now use twice as much printing and writing paper as they did

CORNELL'S INTEGRATED CROP AND PEST MANAGEMENT FOR VEGETABLES NOW AVAILABLE ON THE WEB



<http://www.nysaes.cornell.edu/recommends/>

Cornell University's 1999 "Integrated Crop and Pest Management Recommendations for Commercial Vegetable Production" has been completely revised, reformatted, and improved and is also on the World Wide Web at <http://www.nysaes.cornell.edu/recommends/>

A recent editing improved the book so it included both pest and cultural information in an easily used tabular format. The Internet version of the document contains all that is contained in the written version in an easy-to-use tabular format organized by crop. In addition, chapters on Integrated Pest Management for diseases, insects and weeds, and pesticide safety are in the web version.

What makes the web version even more useful than the printed version is the many links to other websites with useful information for those interested in growing vegetables. There are links to a site with information on natural enemies of vegetable pests, links to Cornell vegetable fact sheets, links to an excellent Virginia Tech weed identification site, links to the California IPM site with many pest pictures and descriptions, links to a site with local weather information and pest forecasts, and links to a site containing the latest pesticide labels.

Editors of the site, Curtis Petzoldt (Vegetable IPM Coordinator), Stephen Reiners, (Cornell University Vegetable Horticulturalist), and Michael Hoffmann (Cornell University Vegetable Entomologist), plan to continuously improve the links available and update the information in the document regularly. Since the written document appears only once per year while the web version is updated continuously, the web version should be more up-to-date at any point in time than the written version.

This revision and upload onto the Internet was supported by a grant from the USDA Northeast IPM Grants Program #97-EPMP-1-0127. The web site was implemented by Elizabeth Spittler, with help from Cathy Weeden and John Zakour.

C. Petzoldt



Come one, Come all to the Station Club Annual Picnic!



July 16, 1999, 3:00 pm at the Pavilion

There will be Games and Entertainment!

Music will begin at 6:30, provided by Dj "Rock with Bock"

Menu



- 1/2 Chicken
- Salt potatoes
- Salad
- Rolls and Butter
- Beverage



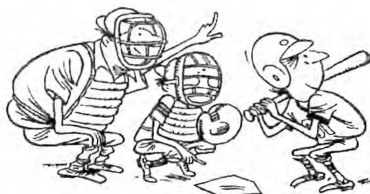
Good food! Good music! Good time!



Price:

Members: \$7.00

Non-members: \$9.00



Don't miss it!!



See your Department Representative for tickets

PEOPLE

Garee M. Chocoine has joined the Buildings & Properties Department. Garee will be working in the Heating Plant as an Utility Plant Operator.

THE LONG WAY HOME

The Station's tireless finance manager, Jim Moravec, commutes back and forth from Ithaca daily. Usually he does it in a car. On Friday afternoon, June 18, under a clear blue sky, he rode his bicycle all the way from Geneva to Ithaca. "It was a beautiful day to ride," he said, and by "not pushing it," he was able to average a little more than 14 mph, and not stress out his knees too much. The 50 mile trip to Cass Park took Moravec three hours, not including the brief stop he made at the Rongovian Embassy in Trumansburg for some refreshment.

L. McCandless

STATION SOFTBALL

Week #6 Games

Tuesday, 6/29 Food Sci/PGRU/
Comm vs. Hort Sci
Thursday, 7/1 Barton Lab vs.
Service Staff

Week #4 Results

Service Staff defeated Hort Sci
FSPC vs. Barton Lab (postponed)

CLASSIFIED

FOR SALE: Youth Bicycle, 24 inch wheels, 10-speed, "mountain-bike" style, excellent condition; \$35. Danish modern wood-burning stove, glass doors, insulated side panels, good condition, asking \$75. Call Alan Lakso at x399 or e-mail to anl2.

THE WINNING TEAM



This year's Station Golf Tournament winning team was the "Diverse Divots." Team members, from left to right, are Dave Sharman, Steve Schafer, Martin Goffinet, and Phil Forsline. The fifth member was Todd Holleran (not pictured). The tournament operates a little differently than does the US open or the Masters. Play is generally referred to as a "scramble" and consists of 5-person teams. Everyone tees off from the tee area. From there the best shot of the five is taken. The whole team plays the next shot from that position. This is repeated (using the best shot) until the hole is complete. This continues for the entire round (9 holes) on each hole. The "Diverse Divots" had the lowest round — a 6 under par (29) — ever in the history of the tournament. (Photo: Joe Ogradnick)

SHAW RECIEVES MSA GRADUATE FELLOWSHIP

Brian Shaw, a graduate student in Plant Pathology, working with Dr. Harvey Hoch, has been chosen as recipient of a 1999 Mycological Society of America (MSA) Graduate Research Fellowship of \$2000. The award will be presented at the annual meeting of the MSA, held the first week in August in St. Louis in conjunction with the International Botanical Congress. There are only two of these awards given out every year. It is considered to be the top award given by MSA to its graduate students. Applicants are evaluated on the basis of their scholastic merit, research ability, and promise shown as a mycologist.

Shaw works with *Phyllosticta ampellicida*—a fungal pathogen of grape that causes the disease black rot. More specifically, Shaw works to understand the basic biology of attachment, germination and appressorium formation of its conidia. The recipient is permitted to spend the money on anything that benefits his graduate studies. Shaw said he feels both honored and humbled to receive an award whose past winners includes many notable figures in mycology.

J. Zakour