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BRIEFS

HARMAN EDITS NEW BOOK ON
TRICHODERMA

Trichoderma and *Gliocladium* are common fungi that exist in many different environments and are increasingly used for many different industrial and agricultural applications. Gary Harman, of Horticultural Sciences and Plant Pathology, has co-edited with Christian P. Kubicek the recently released two volume set, *Trichoderma and Gliocladium*.

The books, published by Taylor and Francis, are intended for scientists and commercial users of the fungi and are the first comprehensive treatment of these two genera.

The two fungi have been known to have biocontrol and other useful abilities at least since the 1930s. However, there has never been a source that brings together all aspects of their basic biology and commercial uses. Among other uses, they are sold as biocontrol agents and are major sources of commercial enzymes. One commercial use is the "biostoning" of prewashed jeans with enzymes derived from *Trichoderma* to give the fabric a prewashed look and feel.

Harman, a noted authority on basic and applied research of biocontrol systems for use in commercial agriculture, was lead editor on Vol. 2, *Enzymes, Biological Control and Commercial Applications* and second editor on Vol. 1, *Basic Biology, Taxonomy and Genetics*. His focus is on fungi belonging to the genus *Trichoderma*. Kubicek is a Professor at the Technical University of Vienna, Austria.

As editors, Harman and Kubicek decided what topics needed to be covered and who would be invited to contribute to the project—not an easy task considering the

(Continued on page 2)

NEW INTERACTIVE KIOSK DEBUTS
IN FOOD SCIENCE

Under the leadership of Mark McLellan, the Food Science & Technology Department at Geneva has developed the first interactive department lobby at Cornell. Faculty and staff are encouraged to come take a look and surf the Station's first electronic kiosk.

Located right inside the front door, the site consists of a custom-made display case that holds a 20-inch monitor and hides an inexpensive Mac clone and ethernet connection. The computer's sole job is to run Netscape at a reasonable speed and it went on-line in early September. The machine is programmed to display a private FS&T web site whose menu and content pages have been especially designed for large-screen viewing.

"We wanted a unique way to make the story of our department accessible to anyone who walks into the front lobby—who we are, where we are, everything about us," said Mark McLellan. "We wanted something that could operate as a simple directory, something that offered more complex information about programs, faculty, staff, and something that displayed occasional special calendar announcements like seminars."

The kiosk serves as the main source of information about FS&T programs and replaces the static poster boards with a dynamic, eye-catching and informative display that is driven by the viewer.

The kiosk was custom designed by Roger Cullen to fit in the corner of the lobby. It stands six feet tall. Made of particleboard and faced with matte black Formica, the kiosk was constructed by Milco Woodworking in Stanley. An independent mouse stand allows the operator to stand and drive the site.

In addition to visitors who may access the entire department from this one location, the kiosk also has several important internal functions. "Mark and I have used it to run our web pages or even a PowerPoint presentation for tour groups right here in the lobby," noted Cullen.

McLellan said he has found many people stopping to access information, including staff from across the Station who do not have desktop computers and use the computer in the kiosk to make timecard entries into the COLT system. "That's fine with us," said McLellan. "We're delighted that people find it useful."

(Continued on page 2)



Natalia Padilla, a research assistant in Randy Worobo's lab, explores options in the new kiosk.

DECOMMISSIONING ACTIVITIES TO BEGIN

Cornell University is preparing for decommissioning and removal of the remaining components of the inactive treatment facility for dilute pesticides at the New York State Agricultural Experiment Station in Geneva, NY.

According to project manager Peter Paradise, Environmental Engineer with Cornell's Environmental Compliance Office, further decommissioning activities for this phase of the ongoing project will include:

- Removal of two sumps and associated piping;
- Removal of the leach field infrastructure;
- Decommissioning of two adjacent buildings (the former storage shed and maintenance garage);
- Removal of the limited surface and subsurface contamination;
- Backfilling with clean material and grading;
- Disposal of all material in a manner appropriate to the specific waste stream

in accordance with NYS DEC regulations.

These activities are being conducted based on the work plan prepared by consulting engineers at International Technology (IT) Corporation, and will be carried out by Safety Kleen (formerly Laidlaw), in conjunction with Cornell University's Environmental Compliance Office.

Work is scheduled to begin September 28 and is expected to take 6-8 weeks. During this time, adjacent campus roads will be closed, the site will be cordoned off, and access limited. Attempts will be made to minimize the duration of road closures. Alternate routes to the Fleet Garage, the Warehouse, and the Denton Farm will be kept open.

"We look forward to finishing this phase of work and completing the decommissioning project," said Jim Hunter, Director of the Experiment Station.

The spray shed (Building #18) will remain standing. According to Paradise, the next phase will be to evaluate the shed and immediate surrounding soil to determine

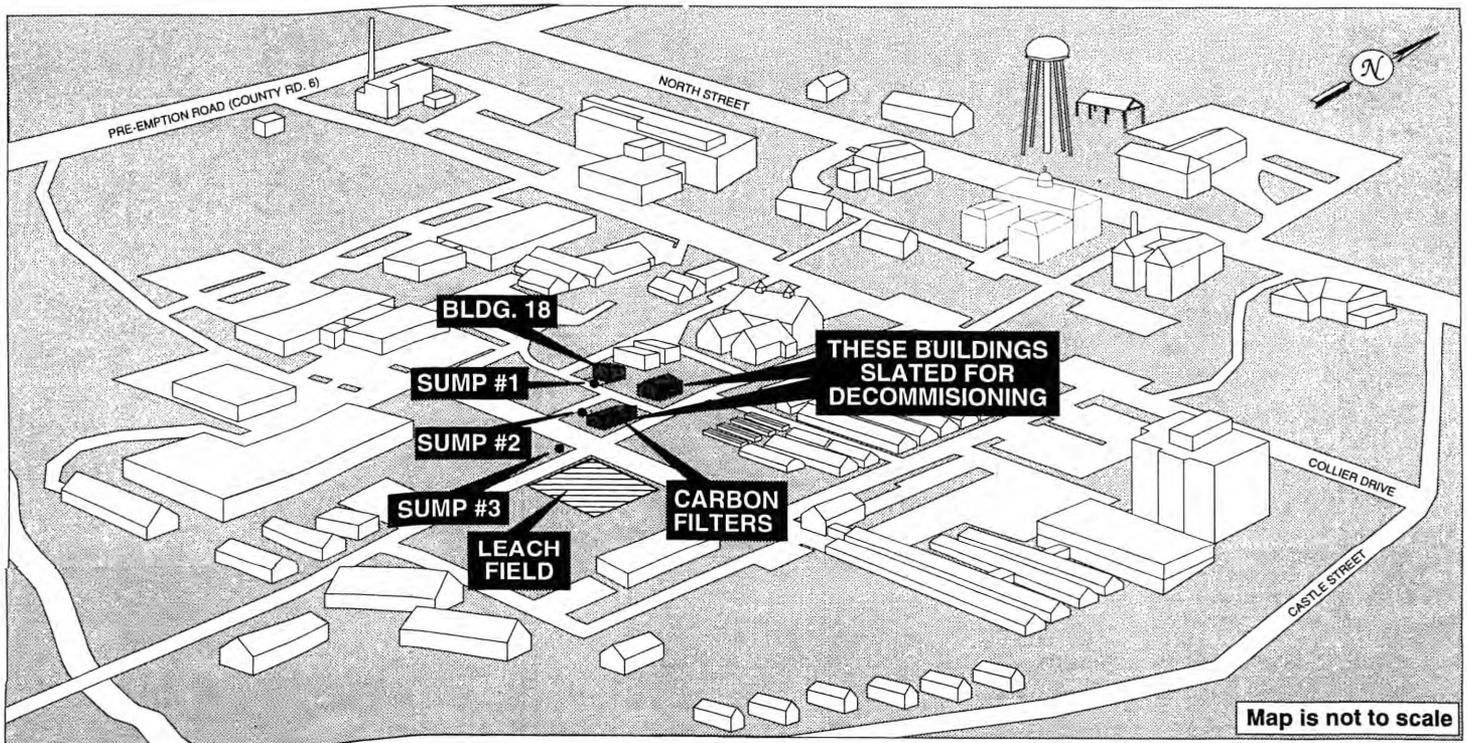
proper decommissioning procedures.

The former treatment system is located on a quarter-acre site near the center of campus. It consists of a concrete rinse pad, a series of three underground concrete sumps, two above-ground carbon filters, and a leach field. Station employees used the system from about 1940 until 1994 to load, rinse, and clean pesticide application equipment while conducting spraying operations in nearby Station orchards and fields. An improved pesticide rinse water treatment facility became fully operational at the Station in July 1995.

The Department of Environmental Conservation (DEC) Region 8 (Avon, NY) has approved this phase of work. The New York State Department of Health (DOH) Bureau of Environmental Exposure Investigation (Rochester office) has also reviewed the work plans.

Cornell received funds for the demolition project from the State University Construction Fund (SUCF).

L. McCandless



(KIOSK, continued)

Cullen notes FS&T spent \$2,000 for the computer hardware, \$850 for the kiosk, and contracted with Communications Services for about 20 hours of time in developing the site.

Designer/programmer John Zakour, who continues to tweak the site so it cycles back to the main menu, said, "This project allowed me to experiment with some of the newer aspects of dynamic html since we knew we were only developing for one large screen." He used Dreamweaver, a software program that he said is relatively user-friendly. FS&T plans to update and maintain the site.

"We are just beginning to open the envelope of interactive connectivity at the Station," said Zakour. "Now we have to push it."

McLellan and Zakour feel there are other opportunities for use of this technology across the Station and hope that each department designs their own iteration. As the Station increases its visibility with visitors, kiosks like this placed in lobbies around campus would be especially useful sites for hosting the outside world.

L.McCandless

(BRIEFS, continued)

many experts all over the world. They were pleased at the positive response they received from potential authors. Harman, who was both an editor and a writer, considers editing the more difficult task, because the documents arrived in many forms from Italy, Finland, Brazil, Spain, the UK, as well as the US.

Correspondence between the two editors in Geneva and Austria was via e-mail, a further complication. However, Harman is very pleased with the final product and is especially grateful for the help of Kristen L. Ondik, one of his lab technicians, who assisted with much of the editing. Harman noted that "Kristen knows English usage extremely well and is very perceptive to inconsistencies. The book is much better because of her enthusiastic help."

Harman also co-authored two chapters: "Asexual Genetics in *Trichoderma* and *Gliocladium*: Mechanisms and Implications" (with C.K. Hayes and K.L. Ondik) and "Potential and Existing Uses of *Trichoderma* and *Gliocladium* for Plant Disease Control and Plant Growth Enhancement" (with Thomas Björkman).

More information about the book can be found on the publisher's website at <http://www.tandf.co.uk>

SPRINGER VERLAG JOURNALS

The complete list of Springer Verlag journals presently available to Cornell on the WWW is listed below. The journals have current and from one to three or four years of back-issues available. Abstracts are on the Web, and each article is available in PDF format which can be downloaded onto your computer and read and/or printed after being opened with a free program, Adobe Acrobat.

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| Acta Informatica | European Physical Journal C |
| Acta Mechanica | Formal Aspect of Computing |
| Annales Geophysicae | Fresenius Journal of Analytical Chemistry |
| Annals of Regional Science, The | Geologische Rundschau |
| Applicable Algebra in Engineering, Commu- | Graphs and Combinatorics |
| nication and Computing | Hydrogeology Journal |
| Applied Physics A/B | International Journal of Game Theory |
| Archive for History of Exact Sciences | Inventiones mathematicae |
| Archive for Mathematical Logic | Journal of Geodesy |
| Archive for Rational Mechanics and Analy- | Machine Vision and Applications |
| sis | Manuscripta Mathematica |
| Archive of Applied Mechanics | Mathematical Methods of Operations Re- |
| Archives of Virology | search |
| Astronomy and Astrophysics | Mathematische Annalen |
| Bioprocess Engineering | Mathematische Semesterberichte |
| Bulletin of Engineering Geology and the | Mathematische Zeitschrift |
| Environment | Metrika |
| Bulletin of Volcanology | Molecular & General Genetics MGG |
| Calculus of Variations and Partial Differen- | Monatshefte für Mathematik |
| tial Equation | Monatshefte für Chemie/Chemical Monthly |
| Cell & Tissue Research | Naturwissenschaften |
| Colloid & Polymer Science | Numerische Mathematik |
| Communications in Mathematical Physics | Oecologia |
| Computational Statistics | Physics and Chemistry of Minerals |
| Contributions to Mineralogy and Petrology | Plant Cell Reports |
| Current Genetics | Planta |
| Distributed Computing | Polymer Bulletin |
| Economic Systems | Probability Theory and Related Fields |
| Engineering with Computers | Research in Engineering Design |
| Environmental Geology | Rheologica Acta |
| European Biophysics Journal | Social Choice and Welfare |
| European Journal of Biochemistry | Statistical Papers |
| European Physical Journal B/Zeitschrift für | Structural Optimization |
| Physik B | Theoretical Chemistry Accounts |
| European Physical Journal B | Trees - Structure and Function |
| European Physical Journal C/Zeitschrift für | |
| Physik C | |

**"LIVE SO THAT YOU WOULDN'T BE ASHAMED TO SELL
THE FAMILY PARROT TO THE TOWN GOSSIP."**

—WILL ROGERS—

CALENDAR of EVENTS

SEPTEMBER 25-OCTOBER 2, 1998

EVENTS/MEETINGS

Friday, September 25, 6:00 pm

Sawdust Cafe

SAGES dinner (Note date change)

SEMINARS

ENTOMOLOGY

Date: Tuesday, September 29, 1998

Time: 10:30 am

Place: Room 310 Barton Laboratory

Speaker: Michael Kirby

Entomology

Cornell University, Geneva

Title: Insecticides as Possible Environmental Agents in Parkinson's Disease

Social interaction with speaker at 10:00 am. Coffee and cookies will be available.

PLANT PATHOLOGY

Date: Tuesday, September 29, 1998

Time: 3:00 pm

Place: Room A133, Barton Laboratory

Speaker: Alfred M. Mayer

The Hebrew University of

Jerusalem

Jerusalem, Israel

Title: Seed Germination of and Host Infection by *Orobanche* (Broomrape)

There will be a reception for the speaker at 4:00 pm.

FOOD SCIENCE & TECHNOLOGY

Date: Wednesday, September 30, 1998

Time: 10:30 am

Place: FST Conference Room

Speaker: Mou-Chieh Kao

Food Science and Technology

Cornell University, Geneva

Title: Rapid Detection of *Escherichia coli* Using Nucleic Acid Sequence-Based Amplification and Oligonucleotide Probe for 16S Ribosomal RNA

PEOPLE

Welcome

Horticultural Sciences is pleased to announce the addition of Patricia (Pat) Mahoney to its administrative team. Pat will be working in 101 Hedrick Hall and can be reached at x394 or by e-mail (pmm19).

HEALTH INSURANCE OPTIONS

Employees and retirees are invited to review the current health insurance options on Monday, October 12, in the Jordan Hall auditorium. Retirees are encouraged to attend from 1:00-2:00 pm and active employees are encouraged to attend from 3:15-4:15 pm. We will review The Empire Plan, Blue Choice, and Preferred Care coverage. Handouts will be available with the most current information.

Since the open enrollment period has not been announced nor any changes to the various plans identified, this meeting will give us an opportunity to review the current 1998 information only.

If your physician will no longer participate in The Empire Plan effective January 1, 1999, this information may assist you during the open enrollment period in selecting the appropriate health insurance coverage for 1999.

CORNELL EMPLOYEE DAY

Cornell Employee Day 1998 is scheduled for Saturday, October 3. Kick-off for the BIG RED football game (vs. Buffalo) is 12:05 pm; dinner will be served between 3:00 and 5:30. The cost is \$3.00 for game tickets and \$2.50 for meal tickets (lasagna or chicken BBQ). Colleen VanAllan (cmh6, x318) has tickets for sale until next Thursday (September 24). Please pay via campus mail or purchase them at her office (Plant Pathology) today (September 25), Monday or Thursday. Make checks payable to Cornell University.

BOTTLE & CAN DRIVE

The Geneva High School Marching Band/Color Guard will hold a bottle & can drive Saturday, September 26, at the Northside Fire Department. Band students will canvas the city for donations or bottles and cans may be dropped off at the firehouse between 9:30 am-1:00 pm.

SAVE THE DATE

Friday, November 6, 1998
Club 86
Station Club Banquet



UPCOMING EVENTS

Date Change: SAGES DINNER

The date of the SAGES dinner has been changed. It will be held on **Friday, September 25** (instead of Saturday, September 26), at 6:00 pm, in the Sawdust Cafe. People attending should bring a favorite food from their country. Drinks, desserts, and plates, etc. will be provided

If you have any questions, please contact Dan at x416, x465, or e-mail dew11.

EMPLOYEE of the YEAR

Second Call for Nominations

Nominations are now being accepted for Station Employee of the Year. Letters of nomination should be submitted to Ed Lavin (ehl2, x240), Food Science Department, by September 28. The outstanding employee will be announced at the Station Club Banquet on November 6. Make certain that your dedicated co-worker gets credit—submit your nomination, now!

CLASSIFIED

FOR RENT: In Waterloo, 2-bdrm house with stove, refrigerator, 1-car garage. Available October 1. No pets. Security deposit and references required. \$600 + utilities. Phone 315-539-3389.

WANTED TO BUY: I just obtained an Original Nintendo and need instructions, controller, games, and anything else someone may have for this system. Call Penny VanKirk at 789-9518.

WANTED TO BUY: Used boys' hockey skates—size 4 or 5. Call Penny VanKirk at 789-9518.

FOR RENT: Furnished studio apartment 4 miles from Station in wooded setting available from early October through late December. \$350/month includes all utilities except telephone. No smokers, no pets. Respond to geller@hws.edu.

FOR SALE: Bedroom set: full size bed with mattress and box springs, dresser (five drawers), and night stand (two drawers). In beautiful condition, bought new and used only about 18 months. \$350. Call Kathy, x371 or 789-2897.

FOR SALE: Nursery stock ready for fall planting. Over 50 species of shade tree available, 30 species of shrubs and 7 species of conifers. (E.g., Japanese maple, Pin oak, River birch, Tulip tree, Redbud, Golden Rain tree, Mountain ash, Corkscrew willow, White pine) Fall is a good time to plant, the plants roots have time to grow before winter and the plant gets a head start in the spring. Call Jim, x378 (jpe6).