# Investigators crack teen computer case

## By KATHLEEN BIRD **Associated Press Writer**

SOUTH PLAINFIELD, N.J. -Seven teen-age computer buffs eryday families. Of the 630 people called around the world for free, used other people's credit cards and forced the Defense Department, a thing illegal. military contractor and a telephone company to check for security changing information on a computbreaches, authorities said yester-

2-The Daily Collegian Thursday, July 18, 1985

The Defense Department said there was no penetration of its com- letter bomb and directions for makputer system. AT&T Communica- ing devices that trick the telephone tions said it is possible billing systems were bypassed but that satellite communications were not interrupted.

man Michael Grennier, a computer buff, who spent 150 hours at his overseas telephone calls using a keyboard with South Plainfield De- satellite tective George Green to track down Green said the youths got list of

the teen-age hackers. ing through information the youths to dial the numbers. He also said numbers of Defense Department stored and checking whether any of there is evidence they were able to officials, including top generals,

involved in illegal behavior. Green described the youths as inquisitive teens from normal, evwhose names were found, he said. "90 percent probably didn't do any-

names have been found so far were

Green said the youths were exer bulletin board that contained nformation on false credit card numbers, instructions for making a company into charging calls to oth-

Grennier said the youths somehow gained access to AT&T man-The case was cracked by Patrol- uals that he described as corporate secrets allowing them to make free

telephone numbers of Pentagon Investigators said they are plow- workers and used their computers the youths had access to the private the 630 people nationwide whose access the computer system of a and prosecutor Alan Rockoff said

credit rating company and a medi- their activities included "changing cal library that should have been limited to subscribers. Green said two youths have ad-

mitted the telephone and credit card charges. He said police know the two received a car stereo speaker system, a radar detector and magazine subscriptions and they suspect that thousands of dollars worth of goods and services were obtained free

"They're a bunch of little kids who have computers and they're County Prosecutor Frank Graves. The youths were charged with juvenile delinquency in connection with a conspiracy to access computers without proper authorization. Their computer equipment was confiscated, but the teen-agers were allowed to stay in the custody of their parents. Prosecutors said Tuesday that

the position of satellites.' But Graves said later that the prosecutor was referring to the fact that when telephone calls are relayed by satellites, parts must move to make the transmission. "There is absolutely no way computer hackers can interrupt or move satellites," said Neal Norman, district manager of corporate security for AT&T Communica-

tions He said it is possible the hackers thieves," said Assistant Middlesex used satellite circuits to make calls and bypass the company's billing equipment. The company has not determined to what extent AT&T equipment was involved or any losses, he said.

A Department of Defense statement Wednesday said there was no reason for a formal investigation or security change. "There have been no breaches

involving ... encrypted (classified) systems. We have no details about the events surrounding the charges

# Wasp from Russia brought to state Parasitic insect latest recruit in war against the gypsy moth

By ANTHONY NEWMAN Collegian Staff Writer

A small parasitic wasp from the Soviet Union is ing battle against gypsy moth infestations. Mark Ticehurst, entomologist for the Pennsylvania Bureau of Forestry's Division of Pest Management, said hundreds of the insects were released throughout the state last May in hopes that they will become permanent residents effectively reducing gypsy moth populations re-sponsible for the deforestation of Pennsylvania's od. voodlande

"The wasp, which is about the size of a small mosquito, attacks only the gypsy moth caterpillar. It does not attack any other insect, or man, or any other organism of any type. For this reason it is very safe," Ticehurst said.

Ticehurst went to the Soviet Union in 1981 to gram." exchange ideas on pest management with scientists there. He returned with several species of parasites that are effective in controlling Soviet gypsy moth species, he said. A number of tests performed by the U.S. Department of Agriculture showed the wasp to be an acceptable biological control, so the insects were released to state agencies, he added.

For the wasps, destroying gypsy moth caterpil- of the effort. The female wasps attack the caterpillars in early June by injecting one egg into as many as 100 caterpillars, he explained.

"After the female has deposited all her eggs, she dies. Larvae hatch from the eggs inside the gypsy moth caterpillars in about 24 hours. They will feed on the internal organs of the caterpillar for about two weeks, after which time they burrow out of now-dead caterpillar and form cocoons," Ticehurst said.

After one week, adult wasps emerge from the said. The summer's second generation spends the withstand decomposition.

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fall and winter in the cocoon stage, emerging in the spring. Ticehurst said a European strain of the wasp. that was released in New England in the mid-1900s

the latest recruit joining Pennsylvania's continu- has since entered Pennsylvania and killed about ten percent of gypsy moth caterpillars in the state. After laboratory comparisons of the European strain with the Soviet strain, Ticehurst believes the Soviet wasps will be even more effective against the gypsy moths because they produce

more females, the females have more collective The use of natural gypsy moth enemies is part of a combined effort by many researchers. According to Dan Pennick, gypsy moth coordinator at the Centre County Planning Office, "The focus of attention in trying to control the gypsy moth impact is an integrated pest management pro-

Pennick said that studying the forest may provide clues to how trees naturally deal with pests. From this information, researchers may genetically develop strains of trees better able to withstand attack.

Ticehurst added that silvicultural treatments, such as thinning out infected trees and experimenting with different sizes of trees, also are part

Pennick said a biological spray, which contains a bacteria deadly to gypsy moth caterpillars, is the most widely used pesticide. The bacteria is spended in a liquid medium and sprayed onto

When the caterpillar eats the leaf, the injested pacteria kills its host by puncturing the caterpillar's stomach wall.

Pennick said the spray is harmful only to the gypsy moth caterpillar and does not effect any other organisms. While found naturally in Pennsylvania, scientists have modified the liquid medicocoons, and these begin the cycle over again, he um, increasing its ability to stick to leaves and

Despite the sprays success in gypsy moth control, Pennick said it is only used for severe infestations

filed in New Jersey.

"Wherever possible, we try to find long-term solutions to the problems," he said, adding that spraying is "very expensive — Pennsylvania spends about \$2.5 million a year." Biological controls such as natural parasites are often more environmentally sound weapons against pests than chemical sprays, Ticehurst said. However, results with biological controls are not as dramatic because it takes so much time and research to establish a parasite population in the

environmen "Chemical controls, however, are very short term. Biological controls are very long term," Ticeburst said "Countries with established gypsy moth ene-

mies don't have nearly the problems we do," he Weather can also be in important enemy to the gypsy moth.

Weather factors are important on caterpillar mortality. Generally, snowy, mild winters have the least effect. The biggest changes are observed when a freeze occurs after a thaw in late winter," Pennick said.

Thus, the severity of the winter is a good indicator of the amount of spring defoliation by the hungry caterpillars. The gypsy moth was introduced into the United States from Europe in the mid-1800s, Pennick said. "A budding entrepreneur brought over the gyp-

y moth from France, hoping to mate it with the silkworm from China and obtain a better type of silk." Pennick said. When the mating wasn't successful, the gypsy

moth was accidentally released in Massachusetts and has since spread to over 40 states. "Because they have no natural predators, no natural parasites, they spread very rapidly. They are most prevalent here in Pennsylvania, primarily because of all our open forest," Pennick said.





### **Professor gives talk** University changes on lessons of Nazis telephone numbers By MICHELLE ROSE for purpose in life, the need to belong to a community, and the need to love **Collegian Staff Writer** and be loved. If Hitler had died before the Holo-

attending a series of adult lectures, said Hitler was not "just a stupid maniac.' He was instead an intelligent, polit- actions of society collectively." ical genius with a photographic memconsequences," Spielvogel said. Hilter wanted to expand eastward, he planned to establish a pure Aryan the whole, he said.

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he said. Spielvogel spoke of the spiritual needs of all human beings: the need

caust, he would have been regarded

race — eliminating the Jewish race, book on the subject.

"Nazi Germany tried to meet these basic spiritual needs, which I think today as one of the greatest political Hitler recognized," Spielvogel said. eaders of all time, said a University But these needs cannot be met by istory professor who gave a presen- force - they can only be fulfilled tation yesterday on the "The Lessons through freedom with responsibility, he said. "What it comes down to is a question of responsibility," he said. Spielvogel said of the most important lessons learned from World War

II is that "we are all ultimately responsible for ourselves and for the "Contemporary America is in a ory, whose "flawed ideas led to evil state of disintegration" because of our society's emphasis on selfish individualism and neglect of taking rea step toward world domination, and sponsibility for the greater good of

Spielvogel will teach a course or Facism and Nazism during Fall Semester, and is currently writing a

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All telephone numbers of Universi- services to the students are identical. ty residence hall phones have been The dial tone is the same, long dischanged to the prefix 862. The 862 series preceeds the 865 and He said no extra charge will be .863 numbers that were given to stu- incurred by the students. dents, faculty and administrators randomly in the past.

The change will not affect faculty annoyed the students," he said. or administrative phone numbers, which will still be either 863 and 865. The decision to revamp the tele- ice for the students, he said. phone system on campus was not nitiated by the University, Jeff which should be in circulation by mid-Kuhns, Director of Voice Services to late-October, will have the new and Administrative Support said. "The new system was a require- bers from the old system, they will ment, not a choice for the University, get a recording directing them to call he said. Bell Telephone installed new

that is the reason for the change," he added. phone, "0" should be dialed; if calling from an off-campus phone, 865-4700 "There were no problems with the should be dialed for more informaold system," he said. "And the sys- tion. tem is still the same. All of the

## police log

• Because of a reporter's error, Sowers St., onto the roof of a parked Monday's Daily Collegian incorrectly van. Total estimate of damage is reported that Andy Fernando was the unkown, police said. victim of an assault. Fernando reported the assault of his friend. Monday's Daily Collegian incorrectly July 13th, University Police Services reported that a male fell from the roof of Beta Theta Pi Fraternity, 220 N. Burrowes Road. The male fell from Phi Delta Theta fraternity, 240 N. Burrowes Road.

 A baby stroller valued at \$35 was reported stolen from a Bedford, Pa • Because of a reporter's error, couple's artist booth on Saturday,

> McElwain Hall Housekeeping Supervisor Dorothy Carolus, reported to University police that a female student kicked the glass window out

• The State College Police Depart- of the ground floor entrance to "B" ment reported that someone jumped from the roof of C.C. Peppers, 102 level, McElwain Hall. Value of the damage is unknown, police said.

• The Penn State Ultimate Fris-

## collegian notes

• The Graduate School and Office with study skills, test taking and time of Summer Sessions is sponsoring the management. fourth Evan Pugh Summer Seminar,

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### By TOM SCHAFFNER **Collegian Staff Writer**

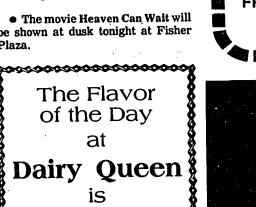


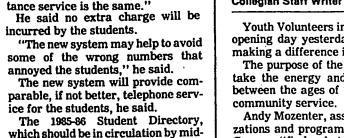
## at 3:45 today in 101 Kern. Stanley bee Club is sponsoring Ultimate Fris-Rosen, professor of philosophy will bee Practice and Tutorial at 7 tonight speak about "Nihilism: Much Ado on Old Main Lawn. Anybody is wel-About Nothing". • The Student Assistance and Information Center is holding Student Counselors hours from 5 to 10 tonight be shown at dusk tonight at Fisher room 135 Bouke to help students Plaza.

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—by Michelle Vichnli